



Food and Agriculture
Organization of the
United Nations

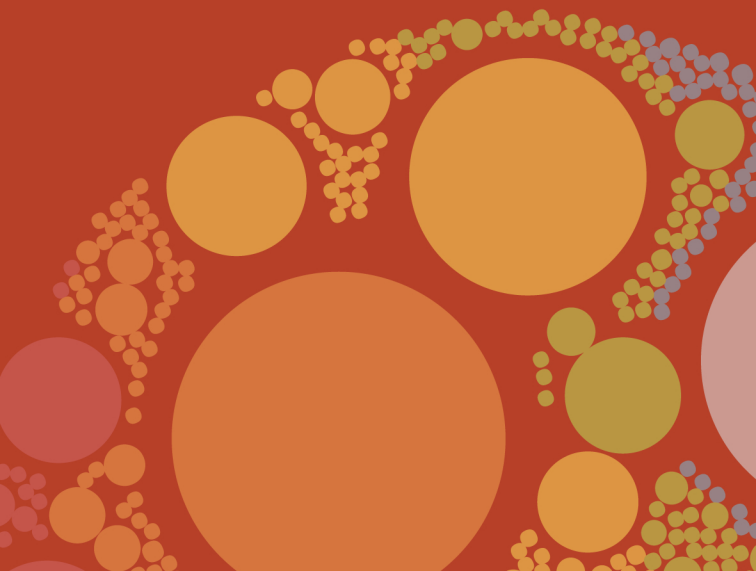
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STATISTICAL POCKETBOOK

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Foreword

Effective, efficient and well-targeted policies are key to achieving the Sustainable Development Goals (SDGs). In particular, creating a world free of hunger requires investment and policies backed by solid evidence and accurate data covering the social, environmental and economic dimensions of sustainability. Providing these data is the demanding, and sometimes overlooked, task of statisticians and national statistics offices worldwide.

As the custodian of 21 of the 232 unique indicators of the SDG Monitoring Framework, FAO is strongly committed to supporting policies to reduce hunger and rural poverty, improve agricultural productivity and promote sustainable food and agricultural systems. To do this, it collects country data and disseminates harmonized statistical information at the international level, develops methodological guidelines, and helps countries build their statistical capabilities and institutions.

This publication is meant to be an easily accessible, quick reference to selected key indicators on agriculture and food security, which are presented along four main themes.

The **Setting** describes the main trends in the use of agricultural resources such as land, labour, investment, fertilizers and pesticides. This section also highlights the pressure on food systems caused by demographic and macroeconomic development.

The **Hunger** dimension is monitored through two essential SDG indicators: the prevalence of undernourishment and the prevalence of moderate or severe food insecurity, based on the Food Insecurity Experience Scale (FIES). This section presents the state of food insecurity and malnutrition in the world along four dimensions – availability, access, stability and utilization.

Food supply offers vital information on the nature and quantity of world agricultural production and trade, including their utilization, such as food consumption, feed and other uses.

The **Environment** examines the interactions of agriculture with the ecosystem in the evolving context of climate change.

We hope that this publication will help the general audience be better informed and the policymakers make those evidence-based decisions that would ultimately lead to a world free of hunger.

Pietro Gennari
Chief Statistician

José Rosero Moncayo
Director, Statistics Division

How to use this pocketbook

The structure

This publication presents selected key indicators related to agriculture and food security that the international community, governments, the private sector and civil society can use to assess current trends and prioritize their actions. It is divided into two sections, one thematic and one country-specific. It presents a variety of dimensions of agriculture and food security along four main focus areas:

The **Setting**, including land, labour, capital and inputs.

Hunger dimensions, highlighting food availability, access, stability and utilization.

Food supply looks at agricultural production, trade and utilization.

The **Environment** examines land, water, forestry and emissions.

This publication includes data from FAOSTAT and other FAO sources, as well as other partner organizations from the international community. *The source for all indicators, as well as more information about each of them, is included in the "Definitions" section at the end (page 236).*

Country definitions and classification

The country classification adopted in this publication is based on the United Nations M49 classification (<http://unstats.un.org/unsd/methods/m49/m49.htm>). The country names have been abbreviated. The official FAO names can be found at <http://termportal.fao.org/faonocs/appl/>.

Aggregations

Regional and subregional aggregates are based on the country groupings defined in the United Nations M49 classification. A small subset of indicators is based on the aggregation rules defined in *The State of Food Security and Nutrition in the World 2019* report (<http://www.fao.org/3/ca5162en/ca5162en.pdf>) and are used in the "Hunger dimensions" section.

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 sufficient 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 in this publication is 27 September 2019.

The asterisk (*) in charts and maps indicates the most recent year available in the specified time interval. In the country profiles, when the country data have not been reported for the reference year, data in italics indicate that the value for the most recent year is shown (within five years of the reference year). Exceptions are population data, for which the latest information available refers to the year 2018; and regional aggregates of prevalence of undernourishment and prevalence of severe food insecurity, which show 2018 data.

In the tables, n.a. means not applicable or, for an aggregate, not analytically meaningful. A 0 or 0.0 means zero or a number that is small enough to round to zero at the displayed number of decimal places.

The ~ in the maps refers to the range specified in the class intervals.

In addition:

- <2.5 proportion less than 2.5 percent
- <0.1 less than 100 000 people

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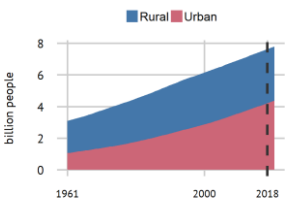
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The setting

Population

World population continues to grow, albeit at decreasing rates. The total number of people on the planet is now approaching 7.5 billion, marking a 100 percent increase since the early 1960s. Many regions have undergone the so-called demographic transition, in which an increased life expectancy combines with gradually decreasing fertility rates. But this is not the case everywhere: in several areas of South Asia and Sub-Saharan Africa, for instance, young populations present high fertility, marking significant overall growth rates. Movement toward urban areas also seem to continue. Today only about 45 percent of the global world population is classified as rural, based on national definitions.

CHART 1: Rural and urban population



Data after 2018 are projections

CHART 2: Population, average annual growth, top and bottom 10 countries (2008–18)

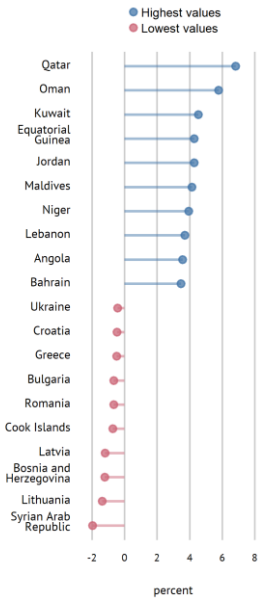


CHART 3: Life expectancy at birth, top and bottom 10 countries (2017)

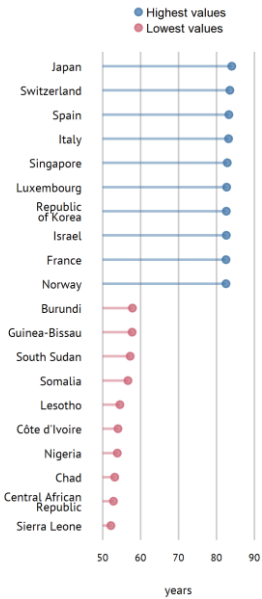


CHART 4: Total rural population

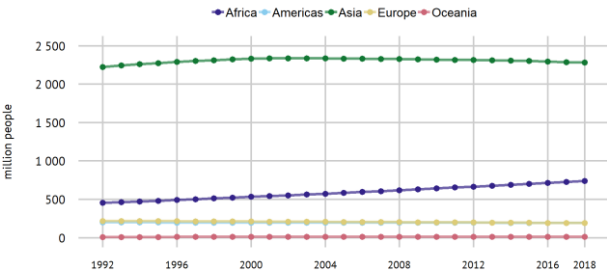


FIGURE 1: Rural population, share of total population (2018)



Economy

As national income increases, the share of agriculture in GDP normally decreases. Therefore, agriculture accounts for a smaller share of GDP in higher income countries. Among the main regions, the fastest decrease in the GDP share of agriculture took place in Asia, as several countries of that region, including China and India, quickly developed their secondary and services sectors. Whatever the GDP share, promoting productivity in agriculture is vital, as the sector is a key source of income and employment for the the poor and vulnerable population groups. Half of the ten lowest growth rates in agriculture value added are observed in countries undergoing protracted conflicts.

CHART 5: Value added in agriculture, forestry and fishing, industry and services, share of GDP, current prices (2018)

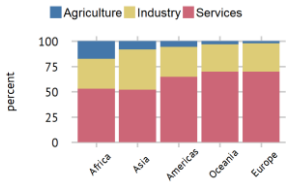


CHART 6: Agriculture, value added per worker, top 20 countries with the highest values (2014–17*)

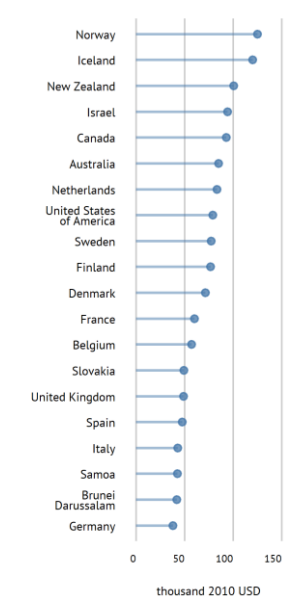


CHART 7: Value added in agriculture, 10 countries with highest and lowest average annual growth rate (2007–17)

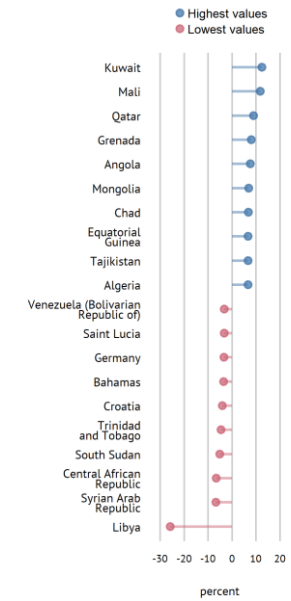


CHART 8: Value added in agriculture, forestry and fishing as share of GDP (2010 prices)

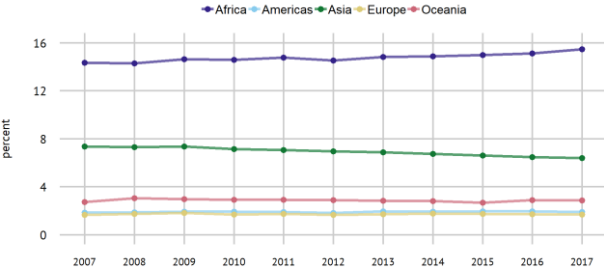


FIGURE 2: Value added in agriculture, share of GDP (2016–17*)



Labour

Shares of agricultural employment in total employment are expected to decline as income grows. But the ability of agriculture and the related production chains to demand employment can lead to key income opportunities for poor and vulnerable people. Much labour in agriculture is informal, characterized by high pluri-activity and seasonality. It can be self-employed or unpaid, and/or supplied by family members. These features make data collection more challenging. Yet, good quality data on those who work in agriculture is essential to design policies that can promote employment and labour productivity in the sector, thus improving well-being and reducing poverty.

CHART 9: Labour force participation rate by gender, aged 15+ (2018)

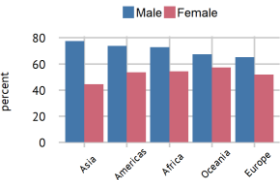


CHART 10: Female employment in agriculture in top 20 countries, share of female employment (2018)

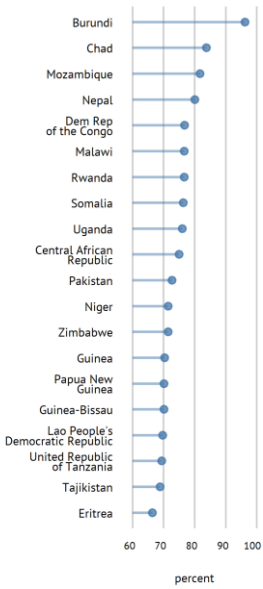


CHART 11: Male employment in agriculture in top 20 countries, share of male employment (2018)

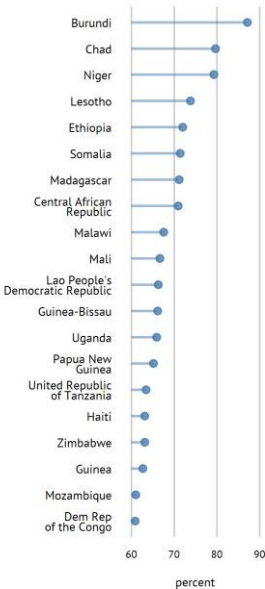


CHART 12: Female employment in agriculture, share of female employment

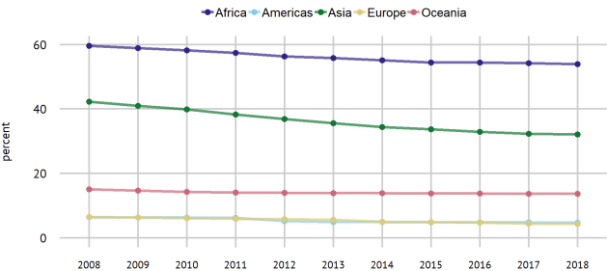


FIGURE 3: Employment in agriculture, share of total employment (2018)



Fertilizers and pesticides

In 2017, world total agricultural use of chemical or mineral fertilizers was 109 Mt nitrogen (N), 45 Mt phosphate (P_2O_5) and 38 Mt potash (K). With respect to 2002, this represented increases of 34 percent, 40 percent and 45 percent respectively. For each nutrient, three countries together represented more than half of the total (Charts 14, 15), with Asia and the Americas being the regions with largest total use (Chart 16). World total agricultural use of fertilizers per hectare of cropland (arable land and permanent crops) also increased in 2017, reaching 70 kg N/ha, 29 kg P_2O_5 /ha and 24 kg K/ha in 2017 (Chart 13). Total pesticide use by country for 2017 is shown in Figure 4.

CHART 13: Fertilizers use, agricultural use per hectare of cropland

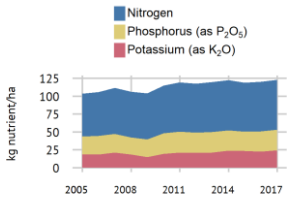


CHART 14: Nitrogen fertilizers use (as N), top 20 countries (2017)

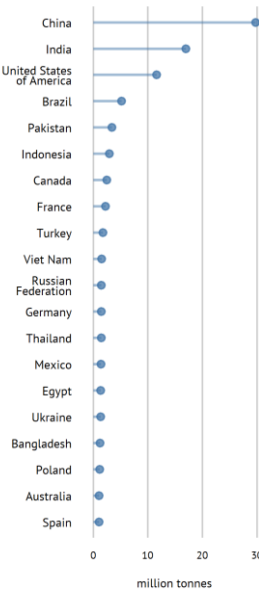


CHART 15: Phosphorus fertilizers use (as P_2O_5), top 20 countries (2017)



CHART 16: Fertilizer use in nutrients (2017)

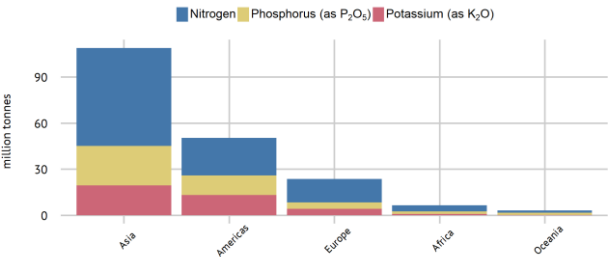
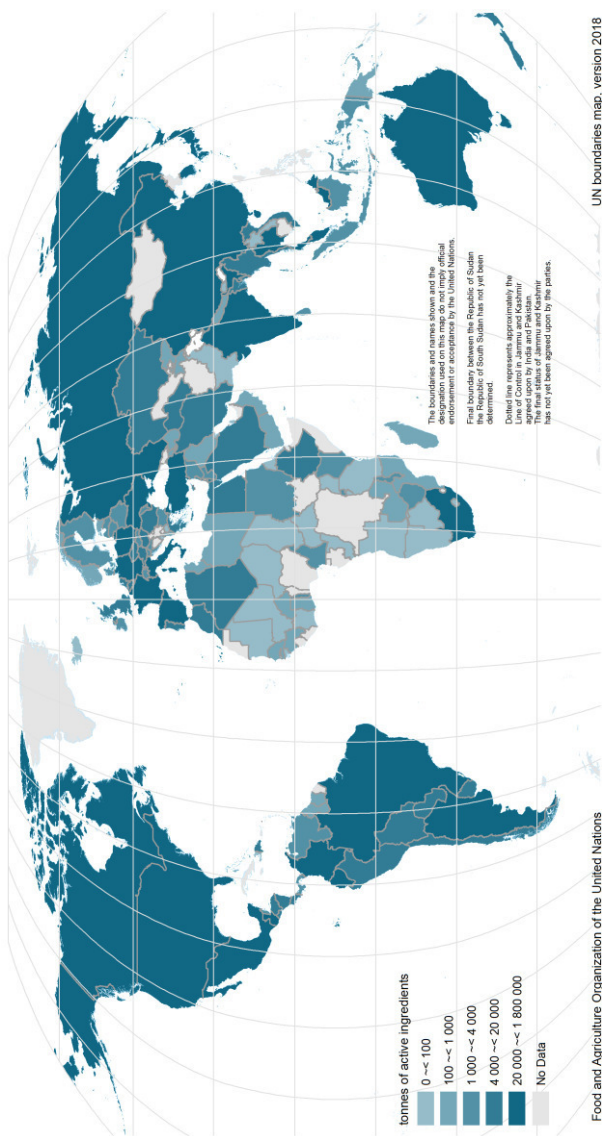


FIGURE 4: Pesticide use (2017)



Investments

Investment in agriculture is crucial to promote productivity. Both private and public investment play a key role in the generation and adoption of innovative technologies. Yet, over the last ten years, in most regions the orientation of government expenditure towards the sector seems to be decreasing. The FAO data on investment flows include government expenditure in agriculture, development cooperation flows to agriculture, foreign direct investment and credit to agriculture. While total development flows are increasing in the long run, the share of agriculture in total investment is declining. The share of agriculture in total credit is also declining in many regions, except Europe.

CHART 17: Aid disbursement flows to agriculture, forestry and fishing, share of total aid

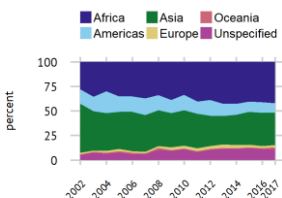


CHART 18: Total credit to agriculture, forestry and fishing, top 20 countries



CHART 19: Agriculture orientation index of public expenditure



CHART 20: Aid commitment flows to agriculture, forestry and fishing, top 10 countries (2017)

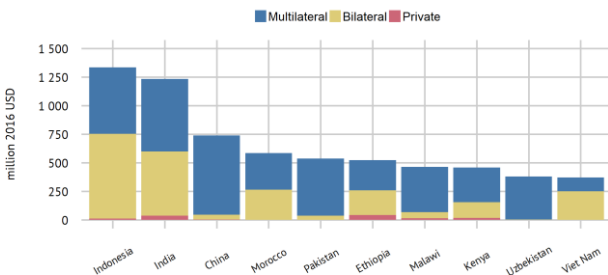
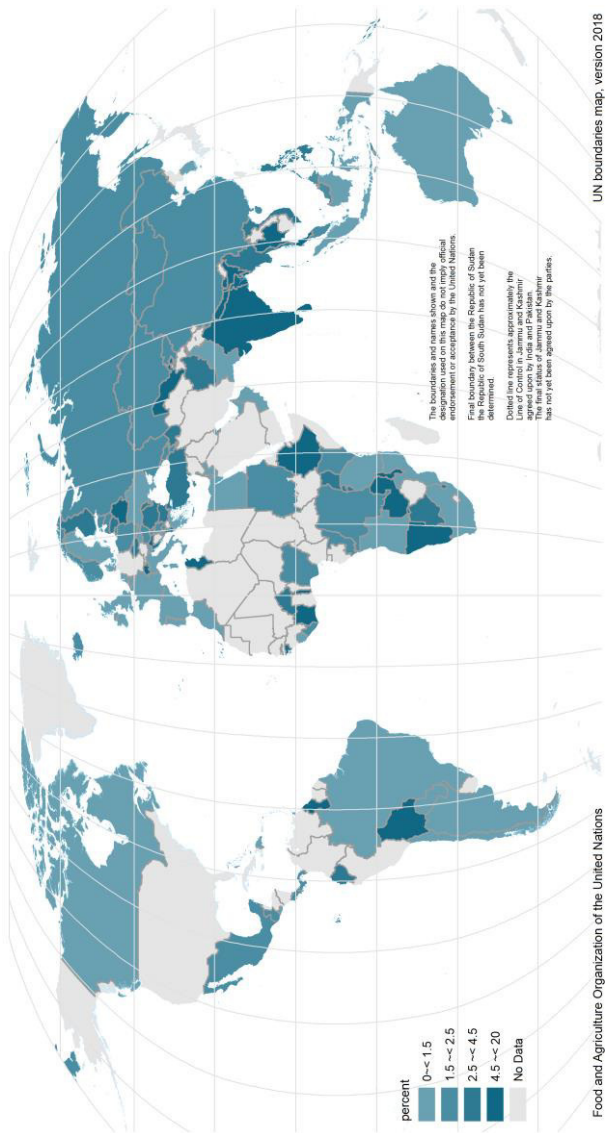


FIGURE 5: Government expenditure on agriculture, share of total outlays (2012 – 18*)



Prices

In the last few years, food inflation at the national level was largely driven by natural calamities, extreme events and political instability, which have reduced production or disrupted some major supply chains. The volatility of international prices, instead, was relatively low. International volatility was transmitted to domestic markets only to a limited extent. In many regions, the food consumer prices reached one of the lowest levels in several years, while the inflation in the global consumer price index was close to zero.

CHART 21: Inflation rate in prices

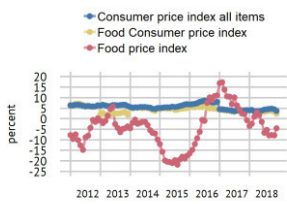


CHART 22: Top 20 countries with the highest inflation rate (average Jan–Dec 2018)



CHART 23: Top 20 countries with the lowest inflation rate (average Jan–Dec 2018)

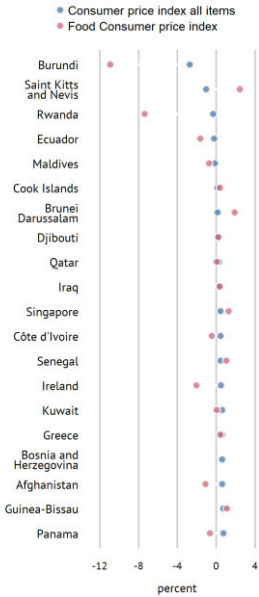


CHART 24: Inflation in food consumer prices

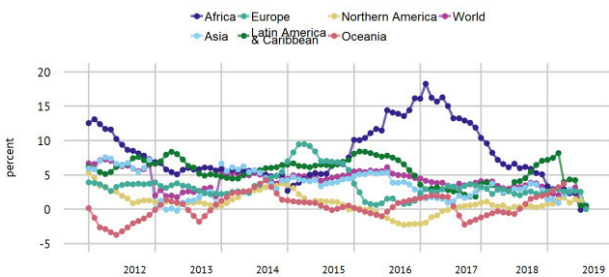


FIGURE 6: Food price inflation (average Jan-Dec 2018)



Hunger dimensions

Hunger and food insecurity

Hunger is traditionally measured by the prevalence of undernourishment, which is the inability to acquire enough food to meet dietary energy requirements. In the past three years, the number of people who suffer from hunger has slowly increased, with more than 820 million people in the world still hungry today (10.8 percent of the total population). This recent trend is confirmed by estimates of severe food insecurity in the world based on the Food Insecurity Experience Scale (FIES), which is another way to monitor hunger.

TABLE 1: Number of undernourished people (millions)

	2015	2018
World	785.4	821.6

TABLE 2: Number of severely food insecure people (millions)

	2015	2018
World	568.2	704.3

CHART 25: Top 20 countries with the highest number of undernourished (2016–18)

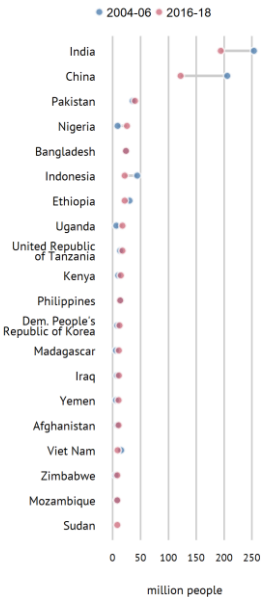


CHART 26: Number of severely food insecure people by subregion (2018)



CHART 27: Prevalence of undernourishment (% of population)

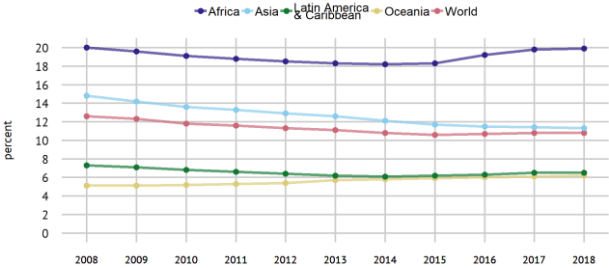
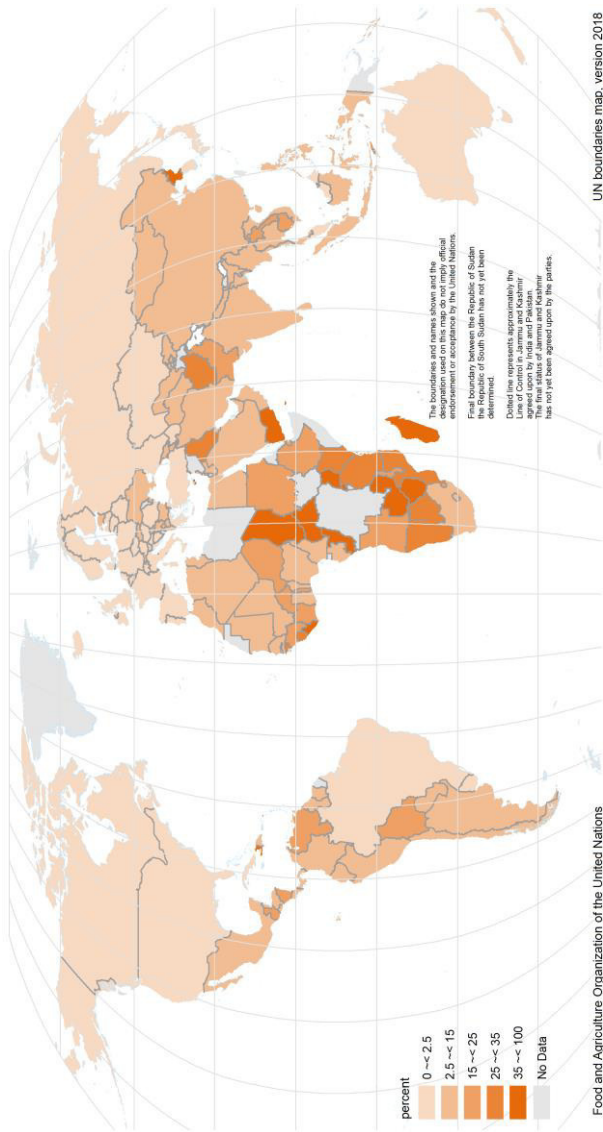


FIGURE 7: Prevalence of undernourishment (2016–18)



Food availability

Food availability addresses the “supply side” of food security and is determined by the level of food production, stock levels and net trade. Supplying enough food to the population is a necessary, but insufficient, condition for ensuring adequate access for individuals. In general, high food availability is associated with relatively low prevalence of undernourishment and low prevalence of severe food insecurity. However, conflicts, climate-related disasters and economic slowdowns in some countries have undermined the food availability in recent years, leading to the rise in global hunger.

CHART 28: Average dietary energy supply adequacy

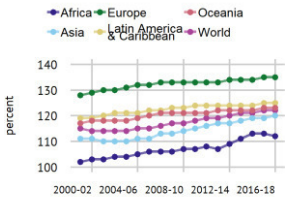


CHART 29: Average share of energy supply derived from cereals, roots and tubers, top 20 countries (2011–13)

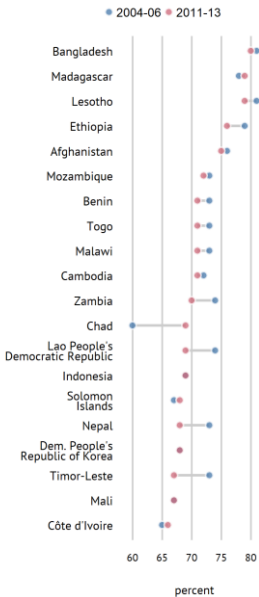


CHART 30: Average protein supply, top 20 countries (2011–13)

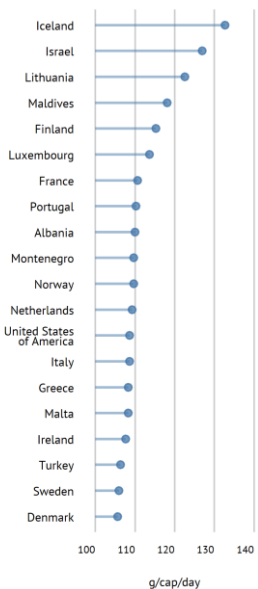


CHART 31: Average supply of protein of animal origin

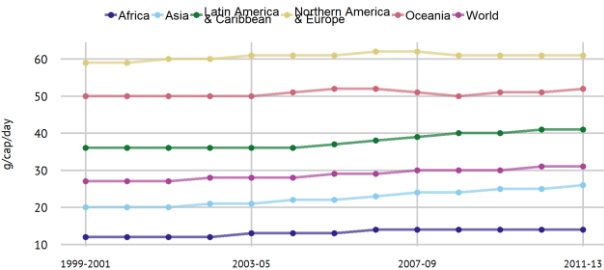
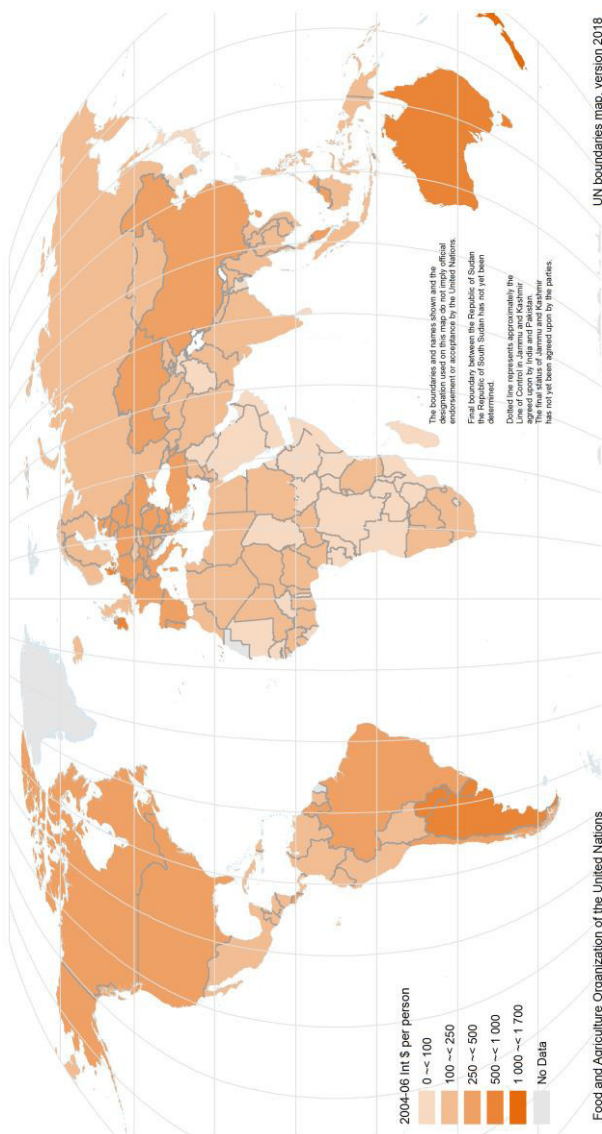


FIGURE 8: Average value of food production per capita (2015–17)



Food access

While severe food insecurity is associated with the concept of hunger, people experiencing moderate food insecurity face uncertainties about their ability to obtain food, and are forced to compromise on the quality and/or quantity of the food they consume. It is estimated that over 2 billion people do not have regular access to safe, nutritious and sufficient food, including 8 percent of the population in Northern America and Europe. Access to food is primarily determined by income, food prices and the ability of households and individuals to obtain access to social support. In addition to economic affordability, physical access to food is also facilitated by adequate infrastructure, such as rail lines and paved roads.

CHART 32: GDP per capita, purchasing power parity (PPP) (2018)

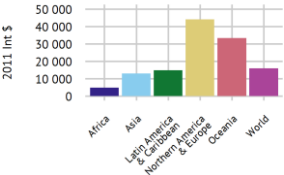


CHART 33: Prevalence of severe food insecurity by subregion (2018)

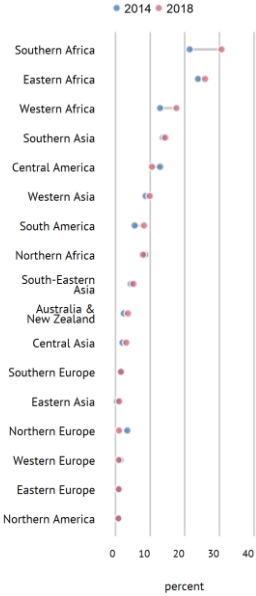


CHART 34: Prevalence of moderate or severe food insecurity by subregion (2018)

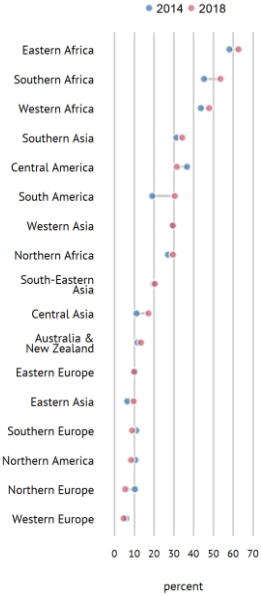


CHART 35: Regional trends of prevalence of moderate or severe food insecurity

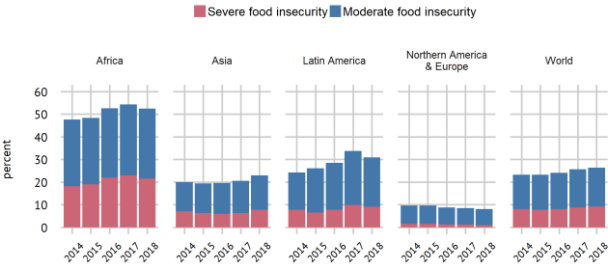
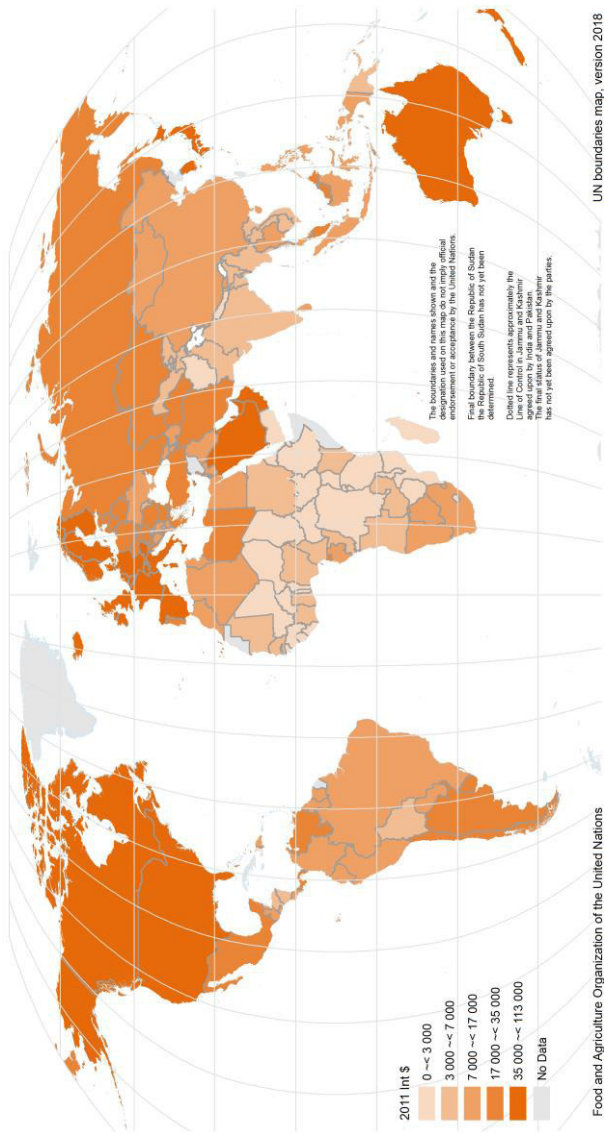


FIGURE 9: GDP per capita, purchasing power parity (PPP) (2018)



Stability

If the dimensions of availability, access and utilization are sufficiently met, stability ensures that households are food secure at all times. Stability issues can refer to short-term instability (which can lead to acute food insecurity) or medium to long-term instability (which can lead to chronic food insecurity). Climatic, economic, social and political factors can all be a source of instability. The poorer the household, the stronger the impact of external shocks, as poor households spend a proportionally higher share of their incomes on food.

CHART 36: Per capita food production variability

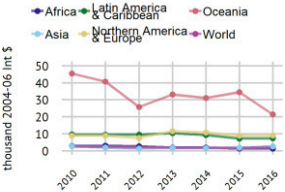


CHART 37: Per capita food supply variability, top 20 countries (2013)

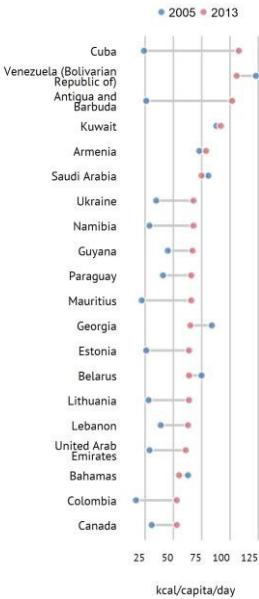


CHART 38: Cereal import dependency ratio, top 20 countries (2011-13)

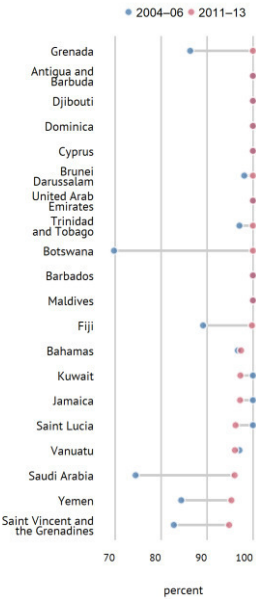


CHART 39: Value of food imports as a share of total merchandise exports

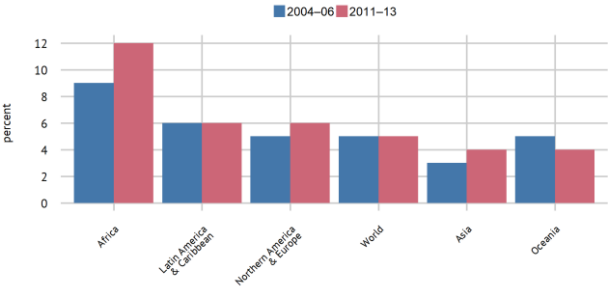
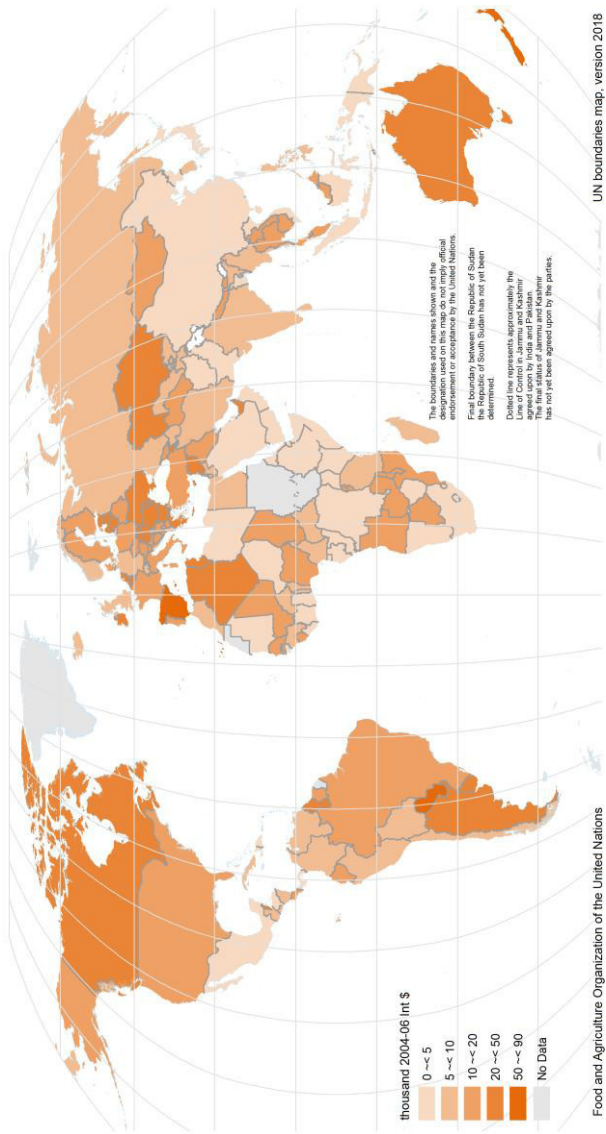


FIGURE 10: Per capita food production variability (2016)



Food utilization

Utilization emphasizes the nutritional aspects of food security. If food is available and households have adequate access to it, the next question is whether or not households are maximizing the consumption of adequate nutrition and energy. Sufficient energy and nutrient intake by individuals is the result of good care and feeding practices, food preparation, dietary diversity, a clean environment (safe drinking water and improved sanitation facilities) and intra-household distribution of food. Combined with good biological utilization of food consumed, this determines the nutritional status of individuals. Poor utilization of food can impose economic and social costs in countries at all economic levels.

TABLE 3: Countries with highest prevalence of adult obesity (18 years and older) (2016)

	%
Cook Islands	55.3
Tonga	45.9
Samoa	45.5
United States of America	37.3
Kuwait	37.0

CHART 40: Stunting in children under 5, top 20 countries (2006–16*)

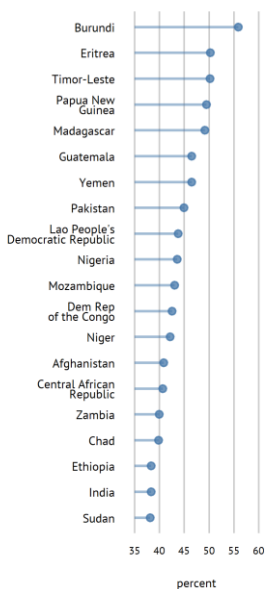


CHART 41: Overweight in children under 5, top 20 countries (2006–16*)

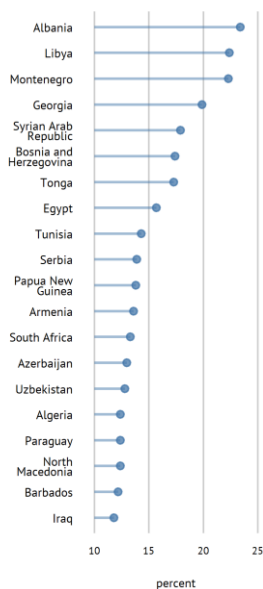


CHART 42: Percentage of world population using at least basic drinking water and sanitation services

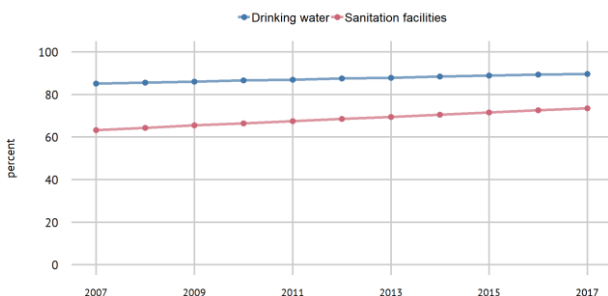
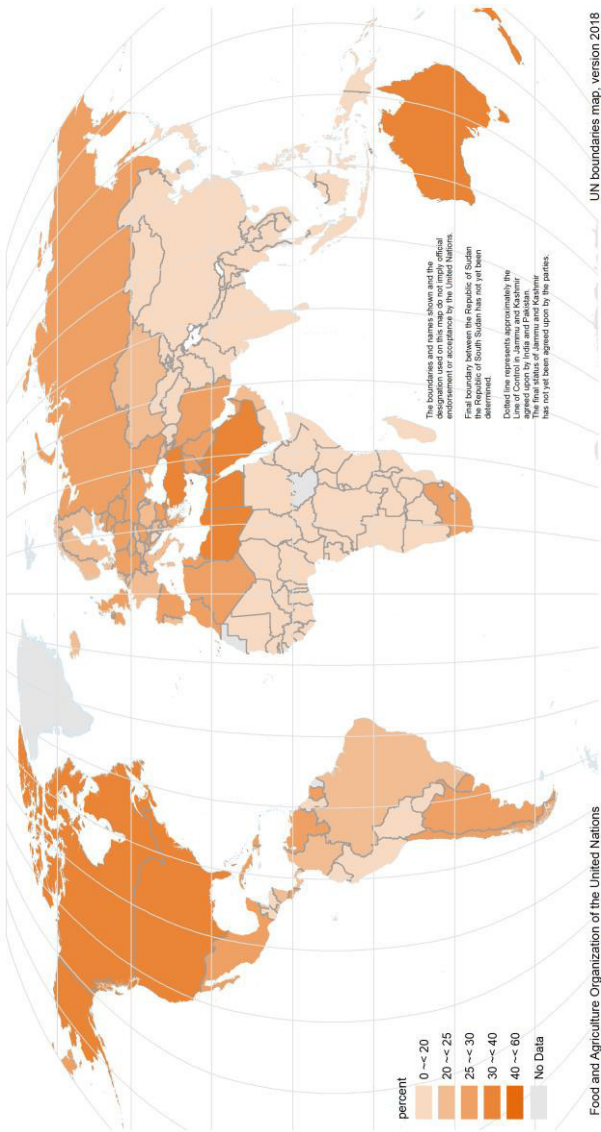


FIGURE 11: Prevalence of obesity in the adult population (18 years and older) (2016)



Food supply

Dietary energy supply

The dietary energy supply is an indicator calculated at the national level that serves as an estimate of the amount of calories from food available for human consumption. It does not yield any information on the affordability, access, or consumption of dietary energy by different population groups. It can be useful for determining if a country's food supply contains enough dietary energy to meet population needs, and whether measures need to be taken to improve the amount of dietary energy available for the population. The overall average dietary energy supply has increased from 2 716 kcal/cap/day in 1999–2001 to 2 904 kcal/cap/day in 2015–17.

CHART 43: Share of dietary energy supply, kcal/cap/day (2013)

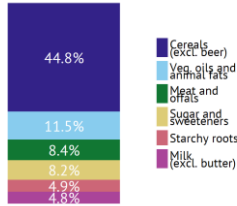


CHART 44: Average dietary energy supply, top 20 countries (2016–18)

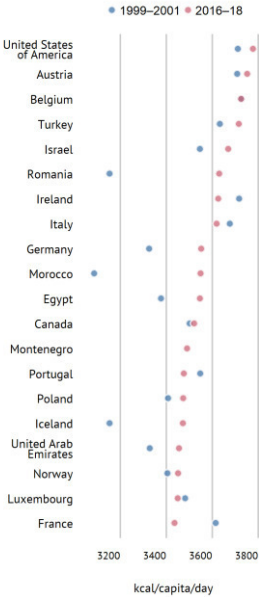


CHART 45: Average dietary energy supply adequacy, top 20 countries (2016–18)

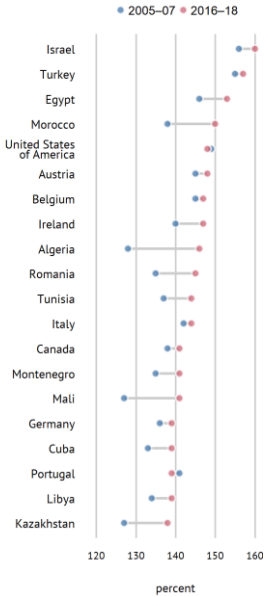


CHART 46: Average dietary energy supply by region

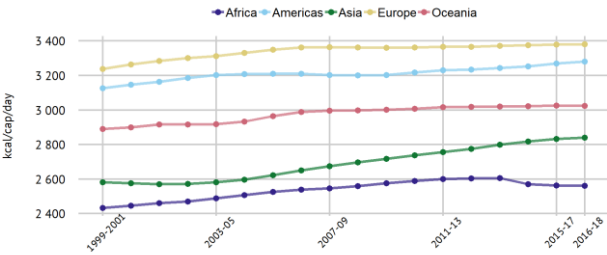
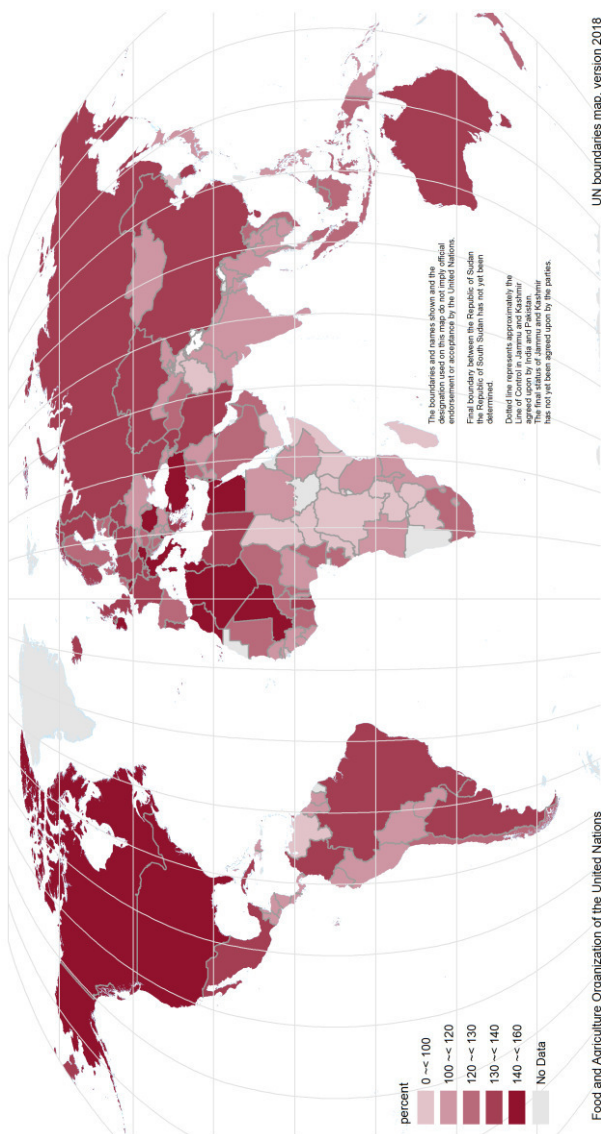


FIGURE 12: Average dietary energy supply adequacy (2016–18)



Crop production

The area harvested is the main factor determining crop production. However, due to the adoption of high-yielding varieties of cereals and the improved availability and use of agricultural inputs, increased production now results from largely improved yields. The relationship between increase in yields and corresponding increases in quantities produced can be seen in Table 4. Increases in maize production are also a response to increased demand from the livestock sector. As of 2017, Argentina and New Zealand have been the top crop and food producing countries in terms of gross per capita monetary value – while China, India and the United States lead in terms of absolute monetary value.

TABLE 4: Growth rate of selected cereals (2007–17) (percent)

	Production	Area Harvested	Yield
Quinoa	148	126	10
Maize	43	24	15
Wheat	27	1	25
Rice, paddy	17	8	9
Sorghum	-8	-9	1
Millet	-16	-13	-3

CHART 47: Top 20 crop producing countries based on gross per capita crop production value (2017)

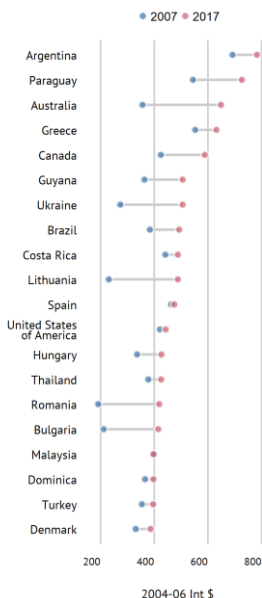


CHART 48: Top 20 food (excl. fish) producing countries based on gross per capita food production value (2017)

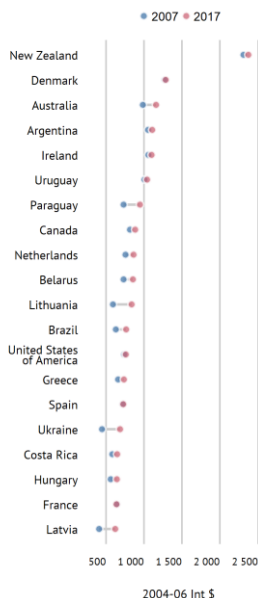


CHART 49: Average annual growth in cereals production (2007–17)

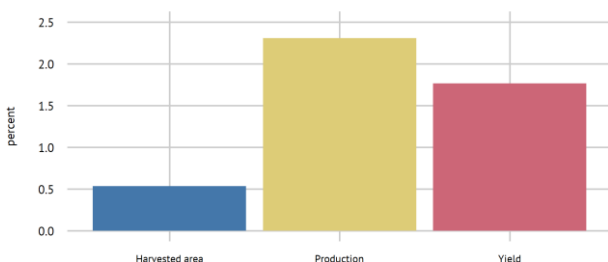
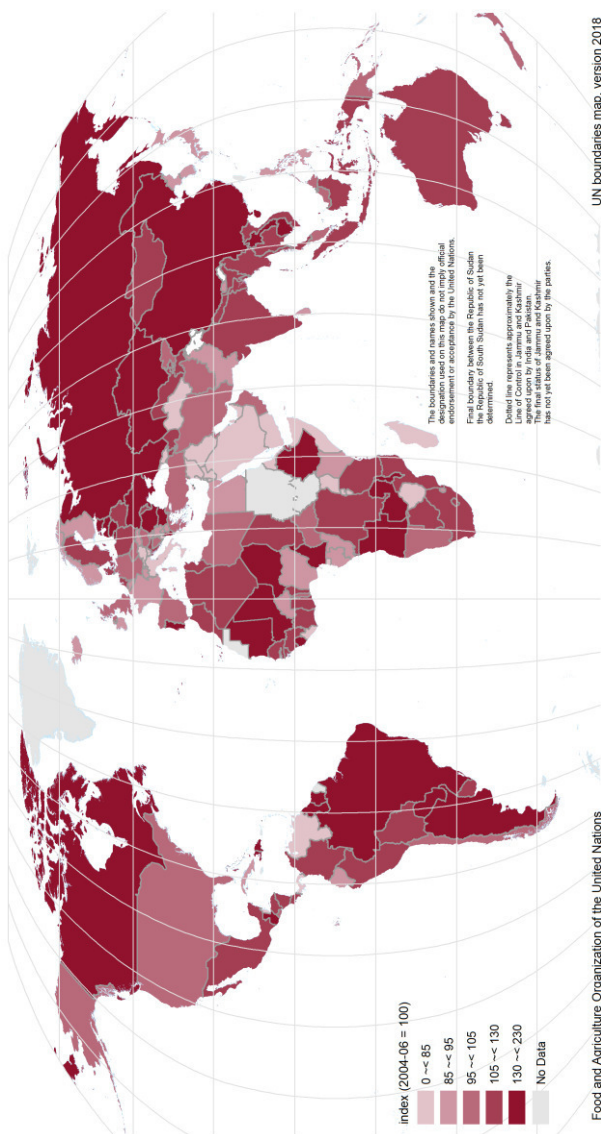


FIGURE 13: Crops, gross per capita production index (2017)



Main crops

Maize, wheat, rice and potatoes are rich sources of calories and are the essential staples in most regions of the world. However, sugar cane, which predominantly grows in the tropical and subtropical regions is the world's largest crop by production quantity, also due to its use as a biofuel.

**TABLE 5: Top five items produced (2017)
(thousand tonnes)**

	2007	2017
Sugar cane	1 605 136	1 841 528
Maize	792 733	1 134 747
Wheat	606 681	771 719
Rice, paddy	656 556	769 658
Potatoes	314 208	388 191

CHART 50: Top 20 sugar cane producing countries per capita (2017)

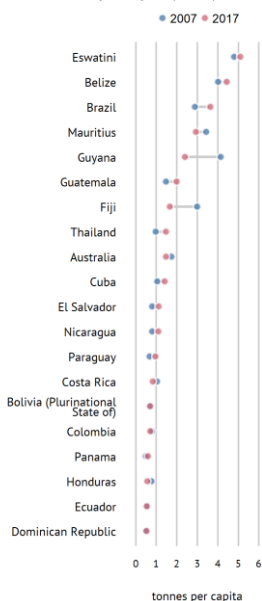


CHART 51: Top 20 maize producing countries per capita (2017)

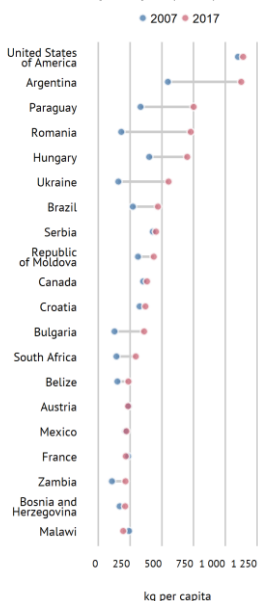


CHART 52: Maize, yield

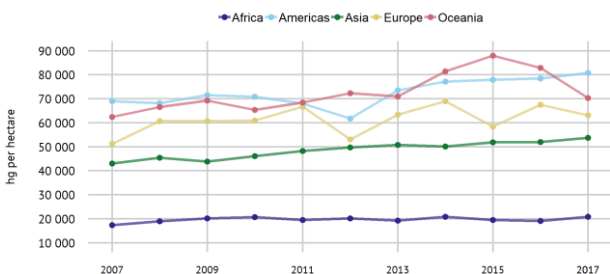
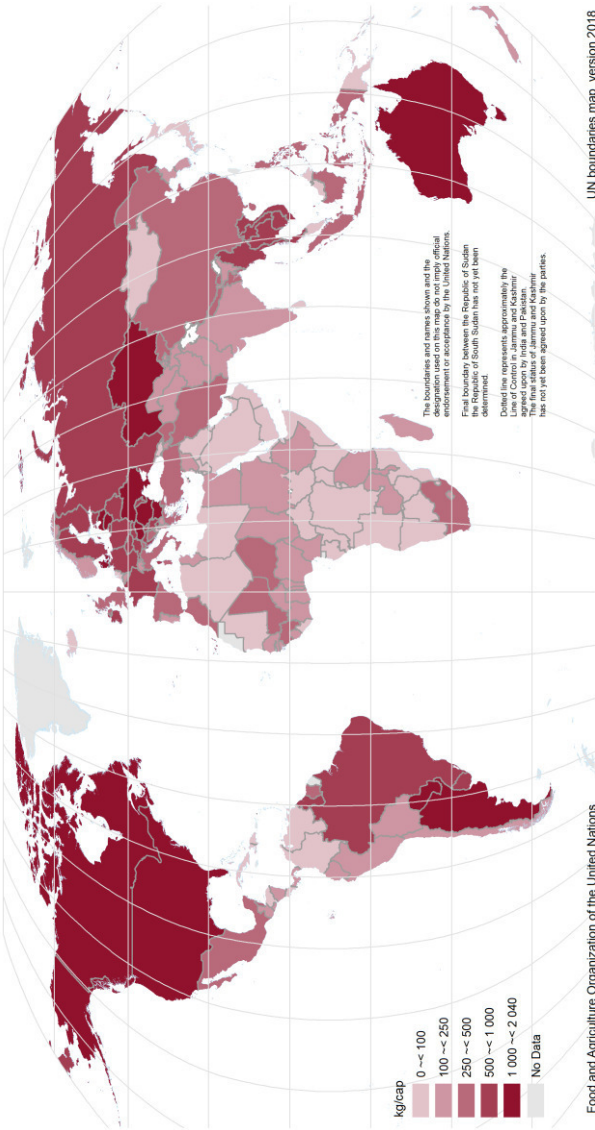


FIGURE 14: Cereal production per capita (2017)



Livestock

As the demand for meat, dairy and eggs keeps growing, driven by population growth and changing diets in developing countries, the livestock sector has kept pace. While the top five animal species by numbers remain the same in 2007 and 2017, chickens have had the fastest growth rate, as their population went up 25 percent in the last decade with Africa and Asia accounting for more than three quarters of this increase. The largest producers of milk and eggs are situated in Asia. In particular, just four Asian countries account for half of the global production of eggs.

TABLE 6: Live animal numbers, top five (2017) (thousand heads)

	2007	2017
Chickens	18 300 491	22 847 062
Cattle	1 393 366	1 491 687
Sheep	1 109 330	1 202 431
Ducks	1 064 505	1 150 901
Goats	868 122	1 034 407

CHART 53: Total milk production per capita, top 20 countries



CHART 54: Total egg production per capita, top 20 countries

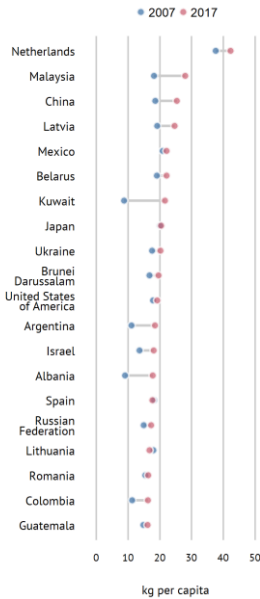


CHART 55: Production of Chickens (million heads)

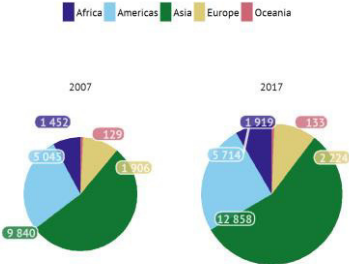
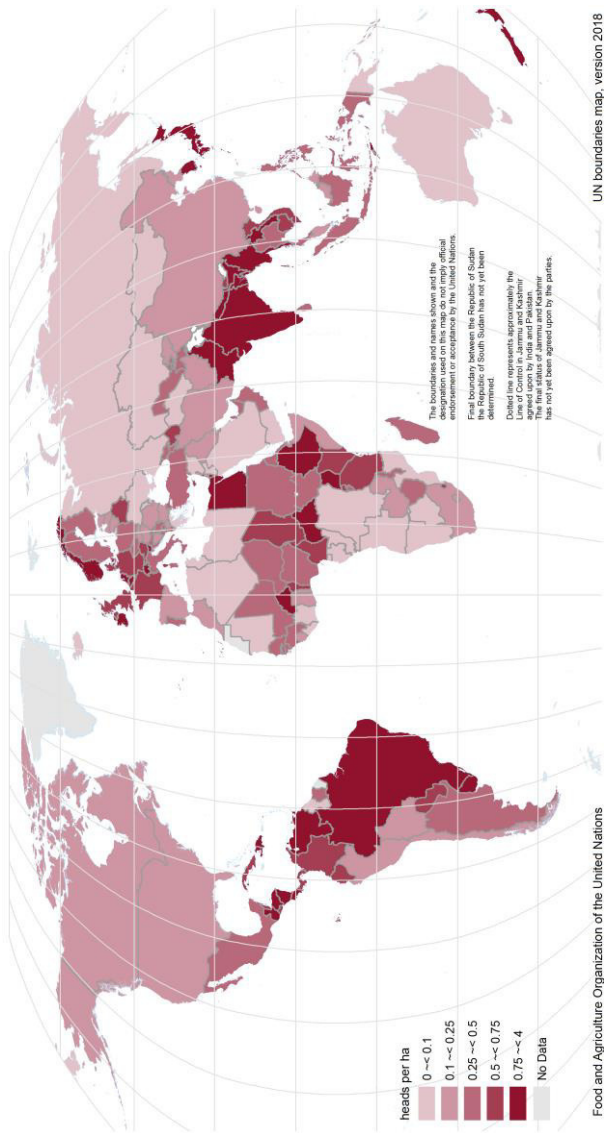


FIGURE 15: Cattle and buffaloes per hectare of agricultural area (2017)



Fisheries and aquaculture

Fish production has steadily increased from 98 million tonnes in 1990 to 173 million tonnes in 2017. While capture fisheries continue to dominate world output, nearly all the increase in production comes from aquaculture, which is almost at parity with capture fisheries. Asia is a major actor in the fisheries sector, with the top three producers (China, Indonesia and India), the second largest growth rate in production since 2005 and some of the largest players in fish trade.

CHART 56: Fish production from aquaculture and capture fisheries

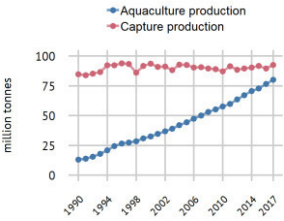


CHART 57: 20 countries with highest value of capture production (2017)



CHART 58: 20 countries with highest value of aquaculture production (2017)



CHART 59: Fish production indices

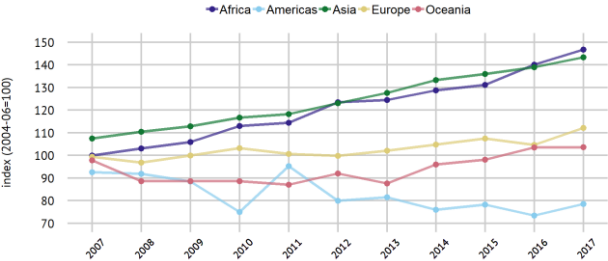
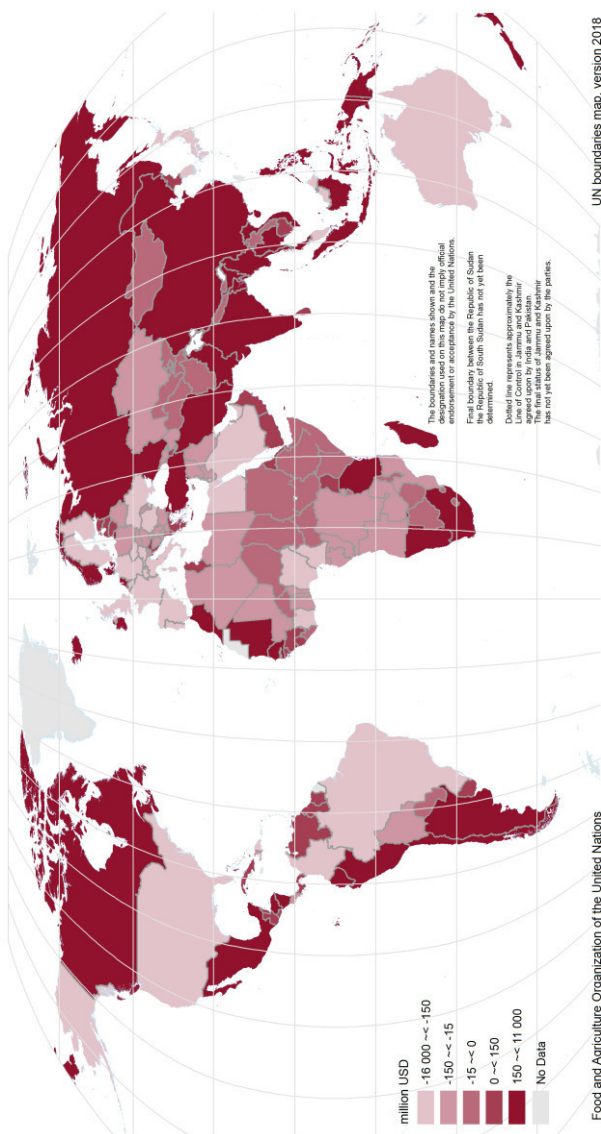


FIGURE 16: Net trade of fish (2017)



Agricultural trade

The value of global agricultural and food trade flows has increased five-fold in the last three decades. Europe is both the largest importing and exporting continent. The Americas are the largest net exporter and Asia is the largest net importer of agricultural and food products. Cereals are the most traded commodities, with the Americas being the top exporter. Maize and rice exports are very concentrated: for both commodities around two thirds of global exports come from just three countries (in the Americas for maize and in Asia for rice).

TABLE 7: Export and import values of food (2017) (billion USD)

	Export	Import
Europe	428	417
Americas	303	174
Asia	206	377
Oceania	50	14
Africa	39	70

Data for fish excluded from total food

CHART 60: Top 20 food (excl. fish) importing countries (2017)

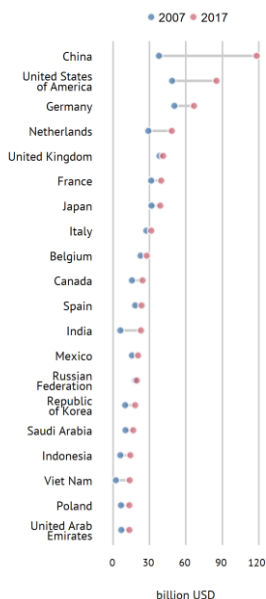


CHART 61: Top 20 food (excl. fish) exporting countries (2017)

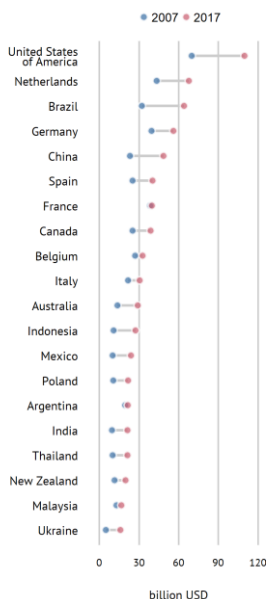


CHART 62: Cereal exports

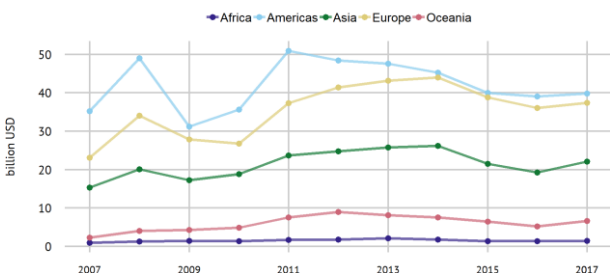
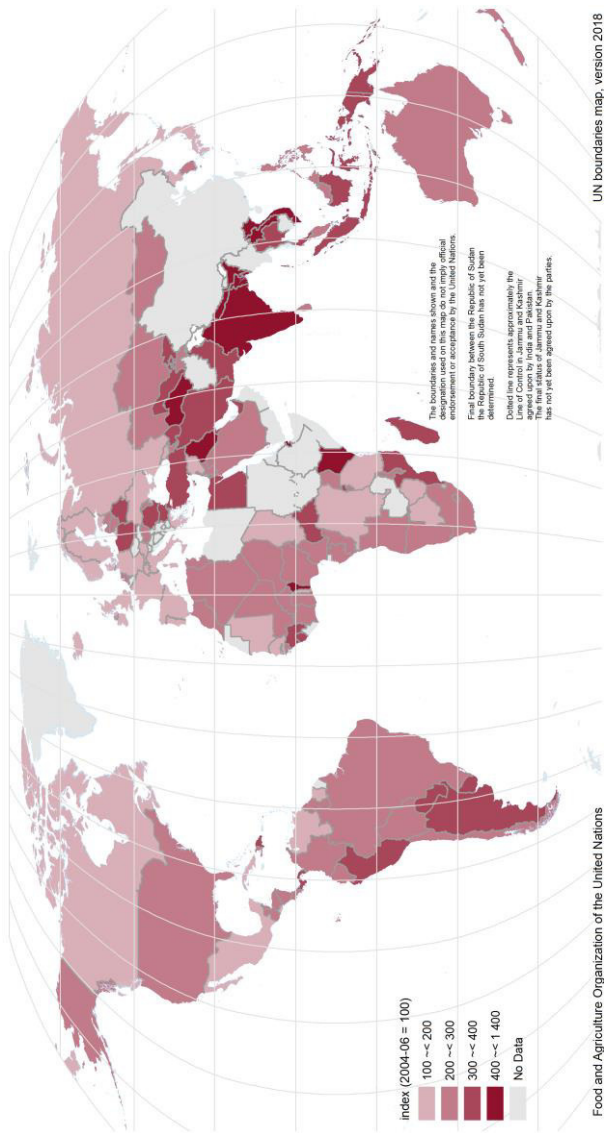


FIGURE 17: Food (excl. fish), import value index (2017)



Land

In 2017, agriculture used 37 percent of global land area. Regionally, this share was more than 50 percent of total land in Asia, and less than 25 percent in Europe (Chart 63). Twenty countries contributed to more than 70 percent of total arable land (cropland used for annual crops such as cereals and soybeans). India, the United States of America, the Russian Federation, China and Brazil alone reached 40 percent (Chart 64). Other 20 countries contributed 70 percent of world permanent crops area (cropland planted with tree crops such as oil palm or orchards). Indonesia, China, India, Malaysia and Brazil alone covered nearly 40 percent (Chart 65). Permanent meadow and pastures represented 60-80 percent of the agricultural land area in all regions except for Europe (Chart 66).

CHART 63: Land area, share of total (2017)

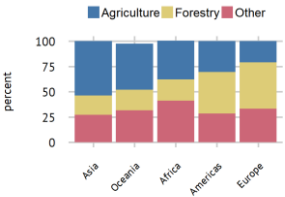


CHART 64: Cropland, top 20 countries (2017)

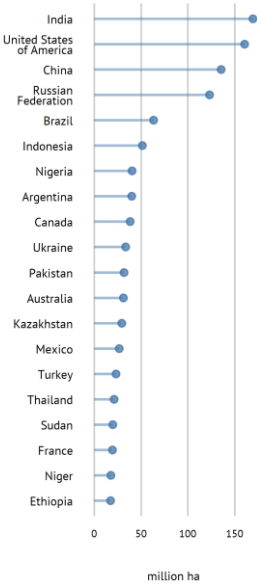


CHART 65: Permanent crops, top 20 countries (2017)

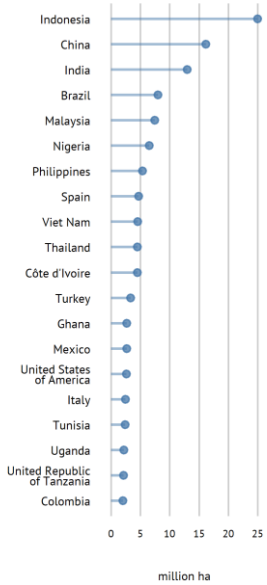


CHART 66: Agricultural area, share of total (2017)

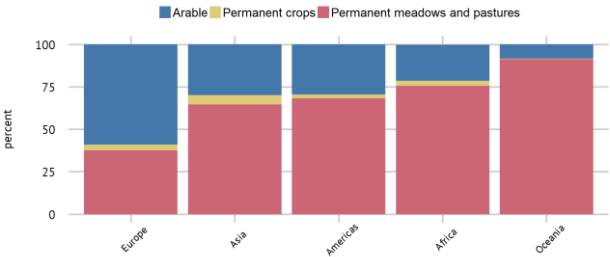
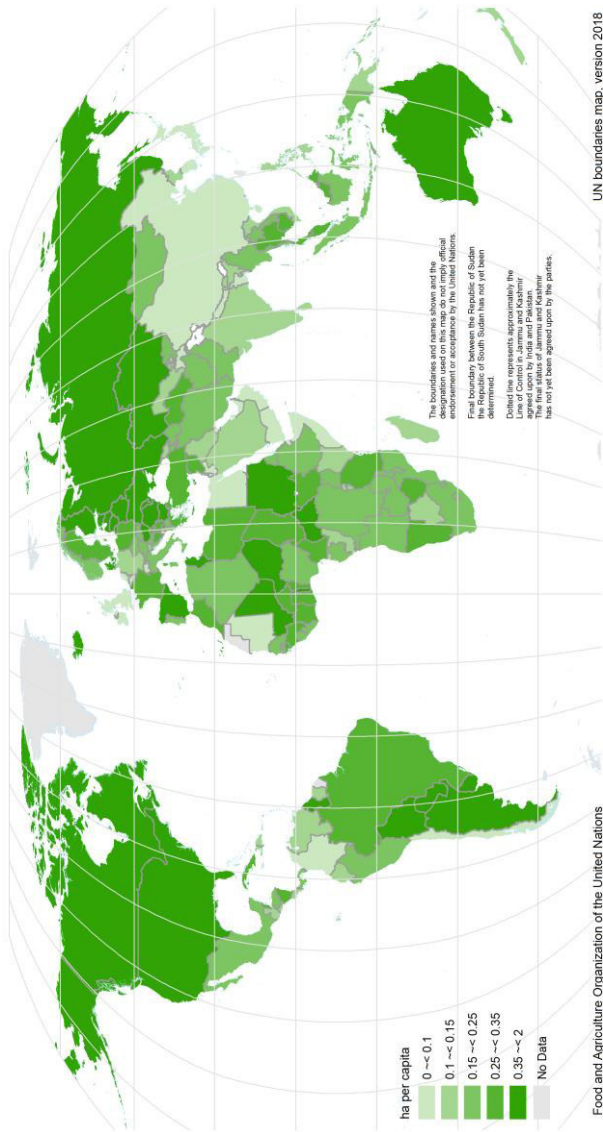


FIGURE 18: Cropland per capita (2017)



Water

The distribution of water resources around the world is very uneven. Some countries have less than 75 m³ per person and experience acute water stress, while others have a thousand times that amount. Agriculture accounts for approximately 70 percent of total freshwater withdrawal in the world, mostly through irrigation. The declining level of aquifers and the extraction of non-renewable groundwater in countries and regions where freshwater resources do not cover the agricultural uses – from North Africa to the Middle East and Central and South Asia – place food production systems at a significant risk.

CHART 67: Countries with the lowest renewable water resources per capita

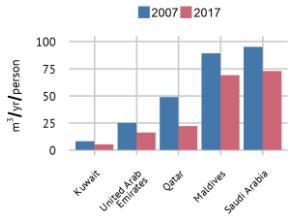


CHART 68: Freshwater withdrawal by industrial sector, share of total, top 20 countries (2007–17*)

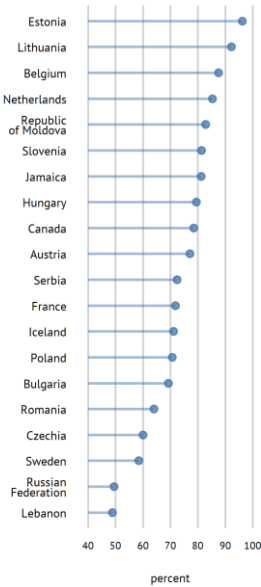


CHART 69: Freshwater withdrawal by agricultural sector, share of total, top 20 countries (2007–17*)

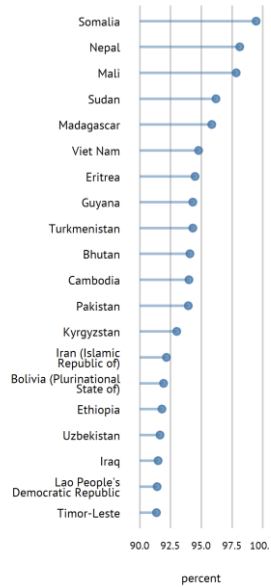


CHART 70: Countries with the highest renewable water resources per capita

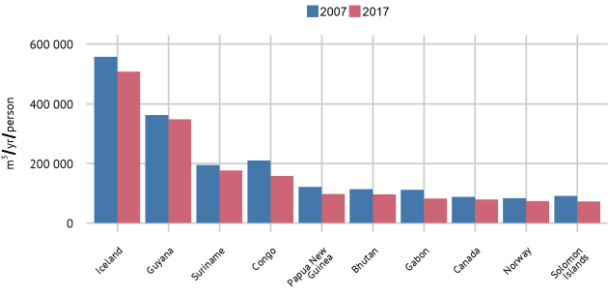
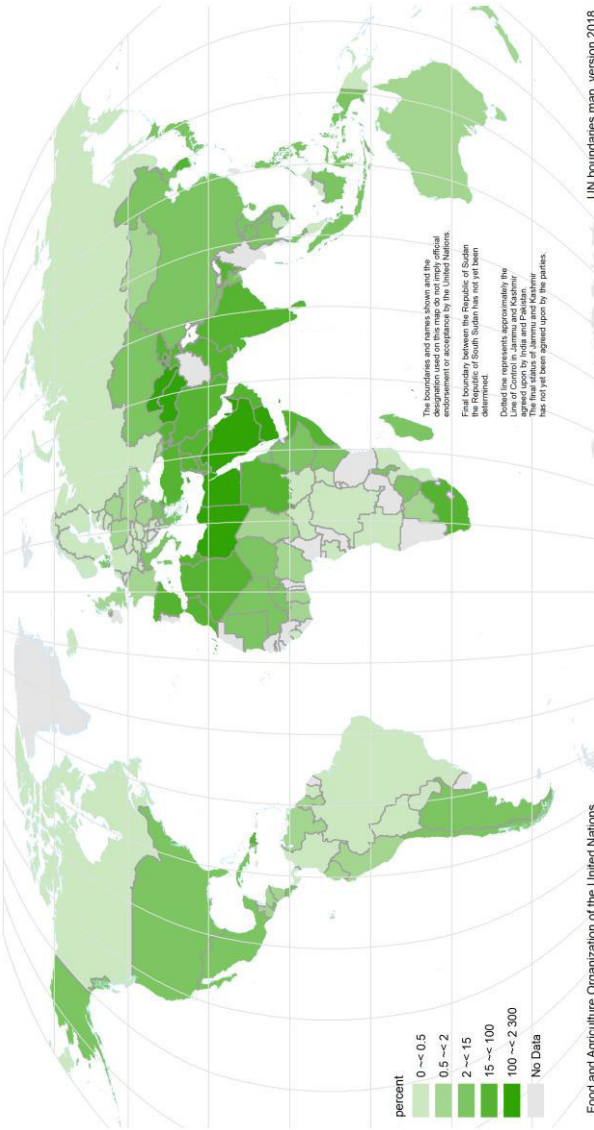


FIGURE 19: Agricultural water withdrawal as share of total renewable water resources (2007–17*)



Forestry

The world's total forest area is 4 billion ha (about 30 percent of total land area), and is on a slowly declining trend. Primary forest accounts for almost one-third of the global forest area, with half of it located in the Americas. The production of paper and paperboard has multiplied by five since 1961, and the collection of recovered paper by 15. While many countries in Africa and the Americas have some of the higher shares of forest area in total land area, deforestation has been the most significant in these two regions.

CHART 71: Production of selected forest products

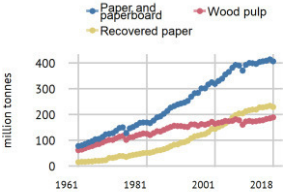


CHART 72: Top 20 exporters of forest products (2018)

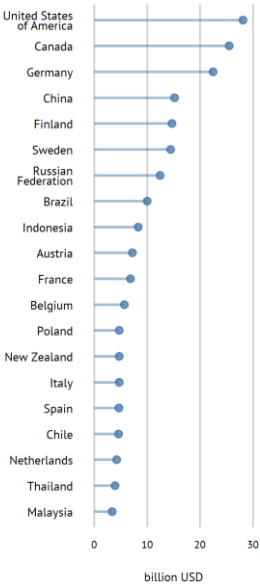


CHART 73: Top 20 importers of forest products (2018)



CHART 74: Forest characteristics (2015)

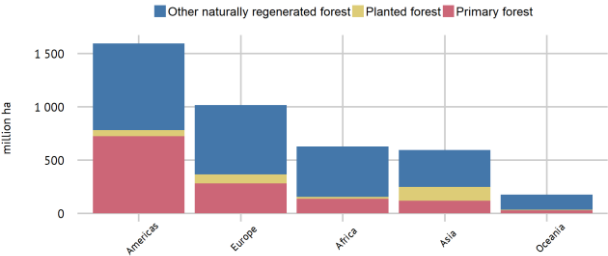
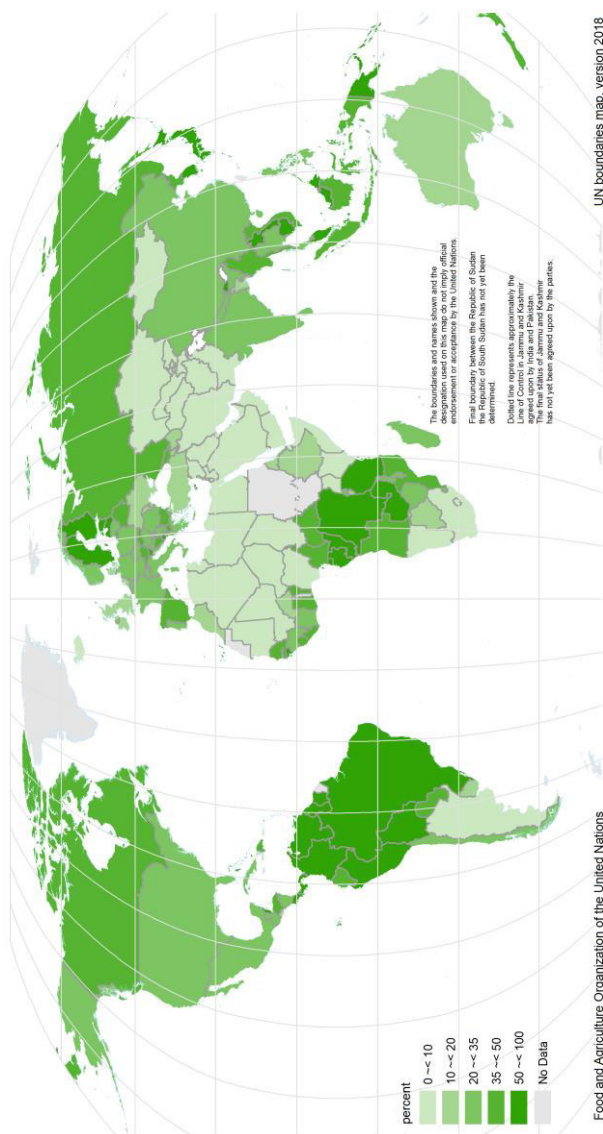


FIGURE 20: Forest area as share of total land area (2017)



Greenhouse gas emissions

Agriculture GHG emissions contributed about 5 billion metric tonnes of CO₂eq to the atmosphere each year during 2005–17. Related land use activities, for instance deforestation or drainage of peatlands, released a similar amount (Chart 78). Agriculture and land use represented about one quarter of world emissions during this period. Twenty countries represented more than two-thirds of the agricultural total, with China, India, Brazil and the United States of America contributing more than 50 percent of the total (Chart 76). Asia had the largest regional share of emissions (Chart 75). Other 20 countries represented 85 percent of total net emissions from land use, with the top four countries responsible for 50 percent of the total (Chart 77).

CHART 75: Greenhouse gas emissions in agriculture

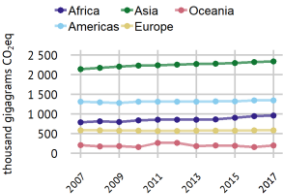


CHART 76: Greenhouse gas emissions in agriculture, top 20 countries (2017)



CHART 77: Net greenhouse gas emissions/removals in forestry and other land use, top 20 countries (2016)

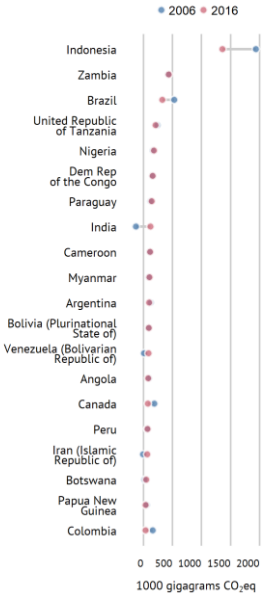


CHART 78: Emissions in agriculture, forestry and other land use (2016)

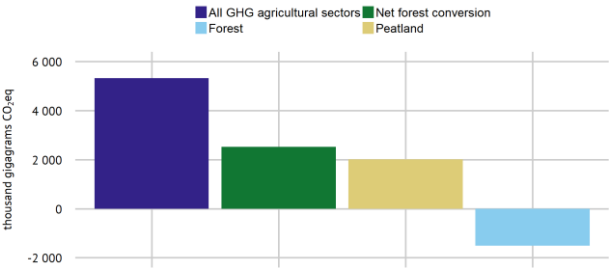
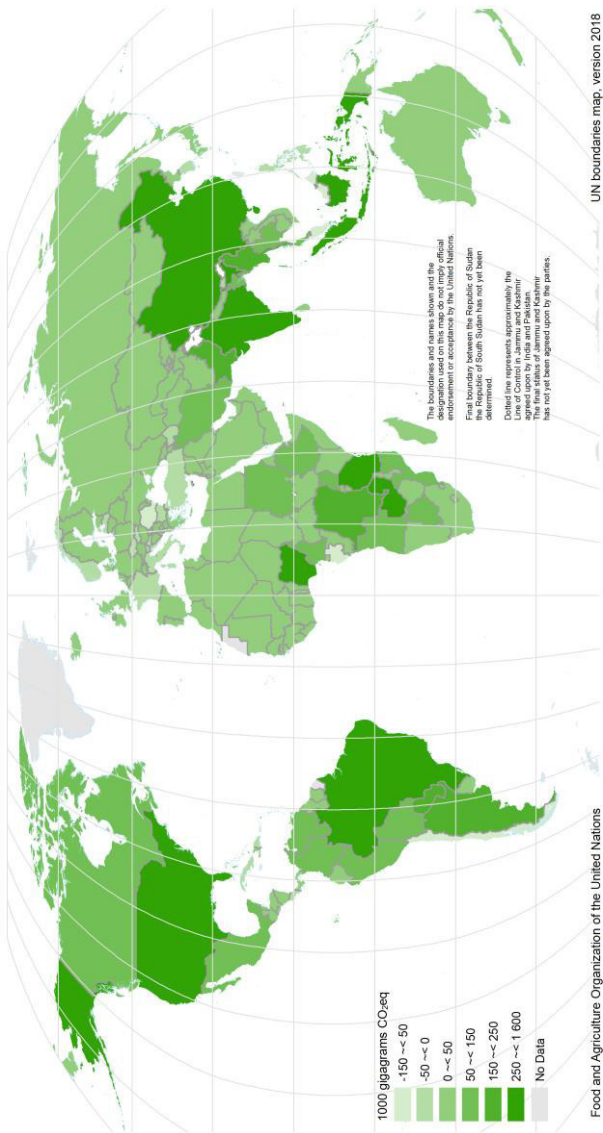


FIGURE 21: Total greenhouse gas emissions from agriculture, forestry and other land use (AFOLU) (2016)



World

	1997	2007	2017
The setting			
Population, total (mill.)	5 905.0	6 705.9	7 631.1
Rural population, total (mill.)	3 219.8	3 342.8	3 413.0
Govt. expenditure on agric. (% total outlays)	1.7	1.8	1.5
Area harvested, crops (mill. ha)	1 189.2	1 262.4	1 424.0
Cropping intensity ratio	0.8	0.8	0.9
Internal renew. water resources per cap. (m ³)	7 258	6 429	5 675
Land area equipped for irrigation (1 000 ha)	279 137	314 660	337 670
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	40.3	35.0	28.5
Employment in agriculture, female (%)	39.8	34.8	27.7
Fertilizers use, nitrogen, as N (1 000 t)	83 407.2	96 504.1	109 137.2
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	34 580.9	39 605.8	45 451.4
Fertilizers use, potassium, as K ₂ O (1 000 t)	23 336.2	31 665.0	37 635.8
Agric. value added per worker (constant USD)	1 810	2 296	3 331
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 716	2 792	2 908
Average dietary energy supply adequacy (%)	115	116	122
Dietary energy supply, cereals/roots/tubers (%)	54	51	50
Prevalence of undernourishment (% of pop.)	14.8	13.1	10.8
Prev. of severe food insecurity (% of pop.)			9.2
Prev. moderate or severe food insecurity (% pop.)			26.4
GDP per capita (USD, PPP)	10 393	12 719	15 543
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)	32.5	29.3	22.4
Adult obesity (% of pop. 18 years and older)	8.3	10.1	13.2
At least basic drinking water (% pop. using)	80.4	85.0	89.6
Food supply			
Food production value (2004–06 mill. I\$)	1 647 661	2 095 424	2 258 311
Agriculture, value added (% GDP)	3.8	3.4	4.1
Food (excl. fish) exports (mill. USD)	304 222	617 807	1 026 377
Food (excl. fish) imports (mill. USD)	312 150	645 486	1 052 602
Production indices, gross (2004–06=100)			
Food	82	106	131
Crops	82	105	136
Cereals	94	104	130
Vegetable oils	69	106	152
Roots and tubers	88	99	125
Fruit and vegetables	72	108	141
Sugar	95	115	132
Livestock	83	106	122
Milk	83	106	128
Meat	83	106	116
Fish	88	103	127
Net trade (mln USD)			
Cereals and preparations			
Fruit and vegetables			
Meat and meat preparations			
Dairy products (milk equivalent)			
Fish			
Environment			
Forest land area (% of total land area)	31.4	31.0	30.7
Agricultural land area (% of total land area)	37.6	37.3	37.1
Freshwater withdrawal (% internal renewable)	7.8		
Terrestrial protected areas (% total land area)			14.7
Agriculture area under organic agric. (ha)		31 815	69 217
Wood pellet production (1 000 t)		18 054	33 099
Emissions in agriculture (CO ₂ eq. Gg)	4 557 004	5 010 669	5 410 477
Net emissions in land use (CO ₂ eq. Gg)	4 507 908	3 312 036	2 945 087

Africa

	1997	2007	2017
The setting			
Population, total (mill.)	753.7	963.0	1 275.9
Rural population, total (mill.)	501.0	606.4	740.3
Govt. expenditure on agric. (% total outlays)	3.7	3.0	2.3
Area harvested, crops (mill. ha)	177.3	211.7	271.0
Cropping intensity ratio	0.8	0.8	1.0
Internal renew. water resources per cap. (m ³)	5 109	4 195	3 133
Land area equipped for irrigation (1 000 ha)	12 696	14 629	15 850
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	58.0	55.7	51.1
Employment in agriculture, female (%)	62.8	60.4	54.2
Fertilizers use, nitrogen, as N (1 000 t)	2 636.7	2 797.9	4 102.4
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	1 019.4	1 057.9	1 642.7
Fertilizers use, potassium, as K ₂ O (1 000 t)	461.8	567.0	758.4
Agric. value added per worker (constant USD)	1 069	1 319	1 663
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 432	2 537	2 561
Average dietary energy supply adequacy (%)	102	106	112
Dietary energy supply, cereals/roots/tubers (%)	58	56	56
Prevalence of undernourishment (% of pop.)	24.5	20.3	19.9
Prev. of severe food insecurity (% of pop.)			21.5
Prev. moderate or severe food insecurity (% pop.)			52.5
GDP per capita (USD, PPP)	3 537	4 275	4 750
Cereal import dependency ratio (%)	26.2	28.1	28.9
Stunting, children under 5 (%)	38.0	35.8	30.3
Adult obesity (% of pop. 18 years and older)	7.2	8.9	11.8
At least basic drinking water (% pop. using)			
Food supply			
Food production value (2004–06 mill. I\$)	124 306	173 611	201 907
Agriculture, value added (% GDP)	15.5	14.5	16.0
Food (excl. fish) exports (mill. USD)	8 964	15 962	39 247
Food (excl. fish) imports (mill. USD)	16 347	39 289	70 090
Production indices, gross (2004–06=100)			
Food	74	104	135
Crops	75	102	143
Cereals	77	99	145
Vegetable oils	75	100	141
Roots and tubers	71	100	146
Fruit and vegetables	74	105	140
Sugar	88	102	113
Livestock	75	108	111
Milk	69	106	117
Meat	78	109	106
Fish	77	100	147
Net trade (mln USD)			
Cereals and preparations	-6 751	-17 119	-25 639
Fruit and vegetables	1 405	2 483	9 875
Meat and meat preparations	-566	-2 066	-4 347
Dairy products (milk equivalent)	-1 256	-3 307	-3 827
Fish	1 423	1 793	2 153
Environment			
Forest land area (% of total land area)	23.0	21.9	20.9
Agricultural land area (% of total land area)	37.5	39.0	38.4
Freshwater withdrawal (% internal renewable)	4.1		
Terrestrial protected areas (% total land area)			15.2
Agriculture area under organic agric. (ha)		1 271	1 932
Wood pellet production (1 000 t)		90	39
Emissions in agriculture (CO ₂ eq. Gg)	612 777	786 779	952 860
Net emissions in land use (CO ₂ eq. Gg)	1 894 980	1 843 460	1 534 514

Americas

	1997	2007	2017
The setting			
Population, total (mill.)	800.4	904.9	1 006.5
Rural population, total (mill.)	196.3	194.1	190.8
Govt. expenditure on agric. (% total outlays)	1.5	2.0	1.1
Area harvested, crops (mill. ha)	249.9	267.7	299.1
Cropping intensity ratio	0.7	0.7	0.8
Internal renew. water resources per cap. (m ³)	24 420	21 595	19 503
Land area equipped for irrigation (1 000 ha)	46 965	50 305	54 544
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	13.4	11.1	9.2
Employment in agriculture, female (%)	7.1	6.6	4.7
Fertilizers use, nitrogen, as N (1 000 t)	17 606.2	21 070.5	24 451.7
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	8 783.4	11 005.0	12 700.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	8 730.7	10 372.1	13 075.7
Agric. value added per worker (constant USD)	5 938	8 311	11 187
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 125	3 210	3 279
Average dietary energy supply adequacy (%)	129	131	133
Dietary energy supply, cereals/roots/tubers (%)	34	34	34
Prevalence of undernourishment (% of pop.)	7.5	4.9	4.2
Prev. of severe food insecurity (% of pop.)			6.2
Prev. moderate or severe food insecurity (% pop.)			22.9
GDP per capita (USD, PPP)	22 655	27 085	28 962
Cereal import dependency ratio (%)	-19.4	-19.1	-16.8
Stunting, children under 5 (%)	11.1	9.6	6.7
Adult obesity (% of pop. 18 years and older)	19.8	23.8	29.0
At least basic drinking water (% pop. using)	93.7	95.5	97.7
Food supply			
Food production value (2004–06 mill. I\$)	406 436	517 946	616 800
Agriculture, value added (% GDP)	2.2	1.8	1.8
Food (excl. fish) exports (mill. USD)	87 612	180 420	302 954
Food (excl. fish) imports (mill. USD)	53 322	108 395	174 432
Production indices, gross (2004–06=100)			
Food	83	106	126
Crops	84	106	133
Cereals	91	111	131
Vegetable oils	70	104	168
Roots and tubers	91	103	100
Fruit and vegetables	88	103	115
Sugar	85	116	148
Livestock	82	105	115
Milk	87	105	121
Meat	81	106	112
Fish	99	93	78
Net trade (mln USD)			
Cereals and preparations	11 320	19 441	18 342
Fruit and vegetables	5 225	8 933	17 423
Meat and meat preparations	5 829	15 737	25 807
Dairy products (milk equivalent)	-1 633	-1 230	-642
Fish	2 559	647	2 366
Environment			
Forest land area (% of total land area)	42.7	41.6	41.1
Agricultural land area (% of total land area)	29.9	30.2	30.3
Freshwater withdrawal (% internal renewable)		4.2	
Terrestrial protected areas (% total land area)			17.9
Agriculture area under organic agric. (ha)		7 898	11 014
Wood pellet production (1 000 t)		5 096	10 450
Emissions in agriculture (CO ₂ eq. Gg)	1 149 226	1 305 502	1 343 290
Net emissions in land use (CO ₂ eq. Gg)	1 154 594	1 248 713	810 585

Asia

	1997	2007	2017
The setting			
Population, total (mill.)	3 594.0	4 071.2	4 560.7
Rural population, total (mill.)	2 300.0	2 328.6	2 279.0
Govt. expenditure on agric. (% total outlays)	3.9	4.0	3.2
Area harvested, crops (mill. ha)	551.9	587.0	640.5
Cropping intensity ratio	1.0	1.0	1.1
Internal renew. water resources per cap. (m ³)	3 304	2 921	2 630
Land area equipped for irrigation (1 000 ha)	189 925	220 544	237 846
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	49.0	41.8	31.9
Employment in agriculture, female (%)	50.1	43.2	32.3
Fertilizers use, nitrogen, as N (1 000 t)	48 884.6	57 680.4	63 768.9
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	19 188.2	21 459.9	25 645.1
Fertilizers use, potassium, as K ₂ O (1 000 t)	9 016.3	15 514.2	19 401.6
Agric. value added per worker (constant USD)	1 270	1 724	2 798
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 580	2 650	2 840
Average dietary energy supply adequacy (%)	111	113	120
Dietary energy supply, cereals/roots/tubers (%)	61	57	55
Prevalence of undernourishment (% of pop.)	16.9	15.5	11.3
Prev. of severe food insecurity (% of pop.)			7.8
Prev. moderate or severe food insecurity (% pop.)			22.8
GDP per capita (USD, PPP)	5 836	8 135	12 510
Cereal import dependency ratio (%)	8.7	7.8	8.2
Stunting, children under 5 (%)	38.2	33.6	23.3
Adult obesity (% of pop. 18 years and older)	3.2	4.6	7.3
At least basic drinking water (% pop. using)			
Food supply			
Food production value (2004–06 mill. I\$)	733 320	1 025 005	1 318 841
Agriculture, value added (% GDP)	6.8	6.7	7.2
Food (excl. fish) exports (mill. USD)	46 183	102 276	206 369
Food (excl. fish) imports (mill. USD)	88 016	167 894	376 771
Production indices, gross (2004–06=100)			
Food	77	109	140
Crops	79	109	141
Cereals	95	106	131
Vegetable oils	65	109	144
Roots and tubers	88	97	130
Fruit and vegetables	63	112	155
Sugar	103	124	126
Livestock	75	108	137
Milk	69	113	152
Meat	76	107	128
Fish	80	107	143
Net trade (mln USD)			
Cereals and preparations	-15 237	-20 430	-38 857
Fruit and vegetables	-1 403	4 844	-3 425
Meat and meat preparations	-9 339	-15 802	-37 205
Dairy products (milk equivalent)	-4 548	-8 914	-18 402
Fish	-5 060	2 264	10 478
Environment			
Forest land area (% of total land area)	18.3	18.8	19.1
Agricultural land area (% of total land area)	53.4	52.9	53.6
Freshwater withdrawal (% internal renewable)	22.0	30.4	
Terrestrial protected areas (% total land area)			10.5
Agriculture area under organic agric. (ha)		3 075	6 665
Wood pellet production (1 000 t)		304	3 471
Emissions in agriculture (CO ₂ eq. Gg)	1 925 760	2 137 226	2 338 498
Net emissions in land use (CO ₂ eq. Gg)	1 543 831	816 319	1 169 718

Europe

	1997	2007	2017
The setting			
Population, total (mill.)	726.7	731.9	746.4
Rural population, total (mill.)	213.1	202.7	189.7
Govt. expenditure on agric. (% total outlays)	1.3	1.1	0.9
Area harvested, crops (mill. ha)	188.0	172.2	186.2
Cropping intensity ratio	0.6	0.6	0.6
Internal renew. water resources per cap. (m ³)	9 156	8 963	8 851
Land area equipped for irrigation (1 000 ha)	26 875	26 001	26 121
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	11.0	7.7	5.7
Employment in agriculture, female (%)	9.9	6.7	4.3
Fertilizers use, nitrogen, as N (1 000 t)	12 975.9	13 811.6	15 258.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	4 076.6	4 386.9	3 987.6
Fertilizers use, potassium, as K ₂ O (1 000 t)	4 746.3	4 965.9	4 254.8
Agric. value added per worker (constant USD)	9 412	13 012	19 390
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 237	3 362	3 380
Average dietary energy supply adequacy (%)	128	133	135
Dietary energy supply, cereals/roots/tubers (%)	36	34	34
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			1.0
Prev. moderate or severe food insecurity (% pop.)			7.8
GDP per capita (USD, PPP)	24 858	30 306	32 598
Cereal import dependency ratio (%)	-6.0	-7.3	-16.1
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	18.6	21.3	25.4
At least basic drinking water (% pop. using)			
Food supply			
Food production value (2004–06 mill. I\$)	351 779	345 318	392 747
Agriculture, value added (% GDP)	2.5	1.7	1.8
Food (excl. fish) exports (mill. USD)	143 697	293 042	427 663
Food (excl. fish) imports (mill. USD)	151 087	321 714	417 234
Production indices, gross (2004–06=100)			
Food	99	98	111
Crops	98	94	114
Cereals	100	91	122
Vegetable oils	78	102	158
Roots and tubers	115	98	99
Fruit and vegetables	93	95	100
Sugar	106	95	116
Livestock	101	101	108
Milk	101	100	107
Meat	102	103	108
Fish	123	99	112
Net trade (mln USD)			
Cereals and preparations	3 981	7 280	26 672
Fruit and vegetables	-12 617	-26 955	-32 426
Meat and meat preparations	1 304	-4 074	7 575
Dairy products (milk equivalent)	4 672	7 589	11 584
Fish	-3 212	-10 993	-6 166
Environment			
Forest land area (% of total land area)	45.2	45.5	45.9
Agricultural land area (% of total land area)	22.1	21.3	20.9
Freshwater withdrawal (% internal renewable)	5.8	12.3	
Terrestrial protected areas (% total land area)			12.8
Agriculture area under organic agric. (ha)		7 496	13 791
Wood pellet production (1 000 t)		12 531	18 888
Emissions in agriculture (CO ₂ eq. Gg)	680 922	581 322	579 892
Net emissions in land use (CO ₂ eq. Gg)	-213 500	-624 113	-527 556

Oceania

	1997	2007	2017
The setting			
Population, total (mill.)	30.2	34.9	41.6
Rural population, total (mill.)	9.3	11.1	13.1
Govt. expenditure on agric. (% total outlays)	1.0	1.1	0.6
Area harvested, crops (mill. ha)	22.1	23.8	27.2
Cropping intensity ratio	0.9	0.9	0.8
Internal renew. water resources per cap. (m ³)	37 381	33 015	28 559
Land area equipped for irrigation (1 000 ha)	2 676	3 180	3 308
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	18.4	15.6	13.8
Employment in agriculture, female (%)	18.4	15.3	13.5
Fertilizers use, nitrogen, as N (1 000 t)	1 303.7	1 143.6	1 555.9
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	1 513.3	1 696.1	1 475.9
Fertilizers use, potassium, as K ₂ O (1 000 t)	381.1	245.8	145.4
Agric. value added per worker (constant USD)	39 633	14 972	20 392
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 889	2 988	3 023
Average dietary energy supply adequacy (%)	117	121	123
Dietary energy supply, cereals/roots/tubers (%)	22	21	21
Prevalence of undernourishment (% of pop.)	5.4	5.1	6.2
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	26 489	30 130	32 967
Cereal import dependency ratio (%)	-176.1	-89.5	-182.1
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	19.9	23.8	28.9
At least basic drinking water (% pop. using)			
Food supply			
Food production value (2004–06 mill. I\$)	31 820	33 546	43 141
Agriculture, value added (% GDP)	3.8	3.0	3.1
Food (excl. fish) exports (mill. USD)	17 766	26 108	50 145
Food (excl. fish) imports (mill. USD)	3 377	8 193	14 075
Production indices, gross (2004–06=100)			
Food	87	92	119
Crops	86	72	132
Cereals	83	47	127
Vegetable oils	76	78	197
Roots and tubers	87	99	103
Fruit and vegetables	77	97	107
Sugar	107	96	94
Livestock	92	104	109
Milk	81	101	120
Meat	93	106	106
Fish	75	98	104
Net trade (mln USD)			
Cereals and preparations	4 078	1 944	6 420
Fruit and vegetables	954	619	3 307
Meat and meat preparations	4 209	7 942	12 573
Dairy products (milk equivalent)	3 540	6 933	10 358
Fish	1 250	1 013	1 291
Environment			
Forest land area (% of total land area)	20.9	20.6	20.5
Agricultural land area (% of total land area)	56.5	48.6	45.3
Freshwater withdrawal (% internal renewable)			
Terrestrial protected areas (% total land area)			
Agriculture area under organic agric. (ha)			
		12 075	35 816
Wood pellet production (1 000 t)		32	250
Emissions in agriculture (CO ₂ eq. Gg)	188 319	199 840	195 937
Net emissions in land use (CO ₂ eq. Gg)	128 003	27 657	-42 174

Afghanistan

	1997	2007	2017
The setting			
Population, total (mill.)	19.4	27.1	37.2
Rural population, total (mill.)	14.4	20.5	27.1
Govt. expenditure on agric. (% total outlays)		3.3	3.4
Area harvested, crops (mill. ha)	3.1	3.5	3.0
Cropping intensity ratio	0.4	0.4	0.4
Total renew. water resources per cap. (m ³)	3 554	2 454	1 839
Land area equipped for irrigation (1 000 ha)	3 199	3 208	3 208
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	65.8	59.8	38.8
Employment in agriculture, female (%)	82.1	77.2	56.0
Fertilizers use, nitrogen, as N (1 000 t)	24.5	16.4	140.8
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.0	0.0	16.7
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.0	0.0	0.0
Agric. value added per worker (constant USD)	775	683	909
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	1 792	2 018	2 051
Average dietary energy supply adequacy (%)	89	98	96
Dietary energy supply, cereals/roots/tubers (%)	75	77	75
Prevalence of undernourishment (% of pop.)	46.1	27.0	29.8
Prev. of severe food insecurity (% of pop.)			18.3
Prev. moderate or severe food insecurity (% pop.)			54.3
GDP per capita (USD, PPP)	1 016	1 248	1 759
Cereal import dependency ratio (%)	27.4	23.5	22.0
Stunting, children under 5 (%)		59.3	40.9
Adult obesity (% of pop. 18 years and older)	1.9	2.8	4.5
At least basic drinking water (% pop. using)	27.8	40.8	67.1
Food supply			
Food production value (2004–06 mill. I\$)	2 949	3 301	3 808
Agriculture, value added (% GDP)	62.1	33.6	23.0
Food (excl. fish) exports (mill. USD)	50	148	523
Food (excl. fish) imports (mill. USD)	70	744	2 654
Production indices, gross (2004–06=100)			
Food	97	109	126
Crops	89	120	138
Cereals	81	127	106
Vegetable oils	91	88	100
Roots and tubers	78	100	171
Fruit and vegetables	101	107	166
Sugar	65	150	60
Livestock	110	95	110
Milk	99	102	123
Meat	117	90	101
Fish	107	141	621
Net trade (mln USD)			
Cereals and preparations		-543	-975
Fruit and vegetables	47	102	-141
Meat and meat preparations			-59
Dairy products (milk equivalent)		-25	-128
Fish	0	0	0
Environment			
Forest land area (% of total land area)	2.1	2.1	2.1
Agricultural land area (% of total land area)	57.9	58.1	58.1
Freshwater withdrawal (% total renewable)	31.0	31.0	
Terrestrial protected areas (% total land area)			0.1
Agriculture area under organic agric. (ha)		0	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	9 850	10 850	13 821
Net emissions in land use (CO ₂ eq. Gg)	0	0	0

Albania

	1997	2007	2017
The setting			
Population, total (mill.)	3.1	3.0	2.9
Rural population, total (mill.)	1.9	1.5	1.2
Govt. expenditure on agric. (% total outlays)	4.3	2.1	2.3
Area harvested, crops (mill. ha)	0.4	0.3	0.3
Cropping intensity ratio	0.5	0.4	0.4
Total renew. water resources per cap. (m ³)	9 764	9 987	10 307
Land area equipped for irrigation (1 000 ha)	340	357	354
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	46.7	44.9	38.2
Employment in agriculture, female (%)	59.5	57.2	42.5
Fertilizers use, nitrogen, as N (1 000 t)	38.2	31.5	39.2
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	18.2	19.3	21.3
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.0	0.3	0.6
Agric. value added per worker (constant USD)	2 384	3 867	5 754
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 778	2 887	3 159
Average dietary energy supply adequacy (%)	115	117	127
Dietary energy supply, cereals/roots/tubers (%)	50	41	38
Prevalence of undernourishment (% of pop.)	7.2	10.3	6.2
Prev. of severe food insecurity (% of pop.)			11.1
Prev. moderate or severe food insecurity (% pop.)			38.6
GDP per capita (USD, PPP)	5 443	8 451	11 803
Cereal import dependency ratio (%)	44.3	48.6	40.2
Stunting, children under 5 (%)	39.2	23.1	
Adult obesity (% of pop. 18 years and older)	12.8	16.9	22.3
At least basic drinking water (% pop. using)	87.9	87.9	91.0
Food supply			
Food production value (2004–06 mill. I\$)	825	1 055	1 478
Agriculture, value added (% GDP)	31.5	17.2	19.0
Food (excl. fish) exports (mill. USD)	3	12	84
Food (excl. fish) imports (mill. USD)	164	495	554
Production indices, gross (2004–06=100)			
Food	80	103	144
Crops	84	102	178
Cereals	122	98	137
Vegetable oils	78	66	243
Roots and tubers	77	95	152
Fruit and vegetables	74	109	190
Sugar	118	92	79
Livestock	79	103	113
Milk	79	94	107
Meat	83	121	114
Fish	16	111	188
Net trade (mln USD)			
Cereals and preparations	-78	-171	-142
Fruit and vegetables	-20	-97	-19
Meat and meat preparations	-18	-55	-82
Dairy products (milk equivalent)	-3	-17	-26
Fish	3	7	18
Environment			
Forest land area (% of total land area)	28.3	28.5	28.1
Agricultural land area (% of total land area)	41.4	40.8	42.7
Freshwater withdrawal (% total renewable)	6.1	4.3	
Terrestrial protected areas (% total land area)			17.7
Agriculture area under organic agric. (ha)		0	1
Wood pellet production (1 000 t)		1	32
Emissions in agriculture (CO ₂ eq. Gg)	3 360	3 043	2 844
Net emissions in land use (CO ₂ eq. Gg)	112	-6	-395

Algeria

	1997	2007	2017
The setting			
Population, total (mill.)	29.7	34.2	42.2
Rural population, total (mill.)	12.7	11.9	11.5
Govt. expenditure on agric. (% total outlays)		2.2	
Area harvested, crops (mill. ha)	2.2	4.4	5.1
Cropping intensity ratio	0.3	0.5	0.6
Total renew. water resources per cap. (m ³)	391	340	282
Land area equipped for irrigation (1 000 ha)	562	1 050	1 360
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	22.5	15.7	9.4
Employment in agriculture, female (%)	13.5	6.2	3.2
Fertilizers use, nitrogen, as N (1 000 t)	28.0	36.6	70.2
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	23.5	52.4	58.8
Fertilizers use, potassium, as K ₂ O (1 000 t)	21.3	22.7	26.7
Agric. value added per worker (constant USD)	5 381	7 909	19 734
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 847	3 045	3 360
Average dietary energy supply adequacy (%)	124	130	146
Dietary energy supply, cereals/roots/tubers (%)	59	58	55
Prevalence of undernourishment (% of pop.)	10.7	8.0	3.9
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	10 258	12 620	13 876
Cereal import dependency ratio (%)	78.8	73.1	72.2
Stunting, children under 5 (%)	23.6	15.9	11.7
Adult obesity (% of pop. 18 years and older)	15.0	19.2	26.6
At least basic drinking water (% pop. using)	89.8	91.7	93.6
Food supply			
Food production value (2004–06 mill. I\$)	3 600	5 806	9 034
Agriculture, value added (% GDP)	8.8	7.6	12.3
Food (excl. fish) exports (mill. USD)	29	68	415
Food (excl. fish) imports (mill. USD)	2 469	4 764	7 818
Production indices, gross (2004–06=100)			
Food	59	95	148
Crops	52	90	155
Cereals	23	93	91
Vegetable oils	92	62	191
Roots and tubers	46	73	222
Fruit and vegetables	55	96	159
Sugar			
Livestock	72	104	134
Milk	48	104	128
Meat	89	103	127
Fish	71	115	74
Net trade (mln USD)			
Cereals and preparations	-1 271	-2 008	-2 949
Fruit and vegetables	-141	-396	-681
Meat and meat preparations	-16	-141	-194
Dairy products (milk equivalent)	-439	-1 061	-1 405
Fish	-8	-15	-114
Environment			
Forest land area (% of total land area)	0.7	0.7	0.8
Agricultural land area (% of total land area)	16.7	17.3	17.4
Freshwater withdrawal (% total renewable)	48.9	66.9	77.8
Terrestrial protected areas (% total land area)			7.5
Agriculture area under organic agric. (ha)		2	1
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	7 000	8 824	11 430
Net emissions in land use (CO ₂ eq. Gg)	948	-6 555	-385

Angola

	1997	2007	2017
The setting			
Population, total (mill.)	14.9	20.9	30.8
Rural population, total (mill.)	8.1	8.9	10.6
Govt. expenditure on agric. (% total outlays)	1.2	2.8	0.5
Area harvested, crops (mill. ha)	1.8	3.7	6.3
Cropping intensity ratio	0.5	1.0	1.2
Total renew. water resources per cap. (m ³)	9 835	7 067	4 983
Land area equipped for irrigation (1 000 ha)	80	86	86
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	39.1	42.3	49.3
Employment in agriculture, female (%)	48.0	50.0	55.8
Fertilizers use, nitrogen, as N (1 000 t)	2.8	5.6	26.7
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	1.0	2.4	11.9
Fertilizers use, potassium, as K ₂ O (1 000 t)	1.4	3.2	13.6
Agric. value added per worker (constant USD)	1 413	1 395	1 507
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	1 533	1 839	2 240
Average dietary energy supply adequacy (%)	73	88	106
Dietary energy supply, cereals/roots/tubers (%)	67	62	58
Prevalence of undernourishment (% of pop.)	71.5	48.6	25.0
Prev. of severe food insecurity (% of pop.)			22.2
Prev. moderate or severe food insecurity (% pop.)			64.6
GDP per capita (USD, PPP)	3 892	6 044	6 045
Cereal import dependency ratio (%)	51.5	60.0	64.1
Stunting, children under 5 (%)		29.2	37.6
Adult obesity (% of pop. 18 years and older)	3.0	4.3	6.8
At least basic drinking water (% pop. using)	41.1	48.0	55.8
Food supply			
Food production value (2004–06 mill. I\$)	1 028	2 519	4 687
Agriculture, value added (% GDP)	9.0	5.2	8.8
Food (excl. fish) exports (mill. USD)	0	6	12
Food (excl. fish) imports (mill. USD)	368	1 290	2 645
Production indices, gross (2004–06=100)			
Food	48	117	219
Crops	38	120	240
Cereals	57	97	353
Vegetable oils	80	107	161
Roots and tubers	26	115	148
Fruit and vegetables	48	139	422
Sugar	82	132	149
Livestock	87	110	139
Milk	90	103	111
Meat	84	113	154
Fish	66	138	228
Net trade (mln USD)			
Cereals and preparations	-101	-402	-799
Fruit and vegetables	-31	-106	-195
Meat and meat preparations	-78	-357	-650
Dairy products (milk equivalent)	-28	-36	-188
Fish	-5	-42	-139
Environment			
Forest land area (% of total land area)	48.2	47.2	46.2
Agricultural land area (% of total land area)	46.1	46.3	47.5
Freshwater withdrawal (% total renewable)	0.4	0.5	
Terrestrial protected areas (% total land area)			7.0
Agriculture area under organic agric. (ha)		3	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	25 192	35 040	34 545
Net emissions in land use (CO ₂ eq. Gg)	105 623	115 650	87 159

Antigua and Barbuda

	1997	2007	2017
The setting			
Population, total (mill.)	0.1	0.1	0.1
Rural population, total (mill.)	0.1	0.1	0.1
Govt. expenditure on agric. (% total outlays)			0.9
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.5	0.5	0.5
Total renew. water resources per cap. (m ³)	669	569	510
Land area equipped for irrigation (1 000 ha)	0	0	0
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)			
Employment in agriculture, female (%)			
Fertilizers use, nitrogen, as N (1 000 t)	0.0	0.0	0.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.0	0.0	0.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.0	0.0	0.0
Agric. value added per worker (constant USD)			
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 131	2 373	2 337
Average dietary energy supply adequacy (%)	90	99	96
Dietary energy supply, cereals/roots/tubers (%)	28	28	28
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	20 791	26 545	22 856
Cereal import dependency ratio (%)	88.7	100.0	100.0
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	12.1	14.8	19.1
At least basic drinking water (% pop. using)	98.3	97.4	96.7
Food supply			
Food production value (2004–06 mill. I\$)	9	9	7
Agriculture, value added (% GDP)	1.7	1.6	1.7
Food (excl. fish) exports (mill. USD)	0	2	0
Food (excl. fish) imports (mill. USD)	27	54	101
Production indices, gross (2004–06=100)			
Food	92	96	72
Crops	106	102	112
Cereals	79	105	124
Vegetable oils	87	95	114
Roots and tubers	63	113	157
Fruit and vegetables	107	102	111
Sugar			
Livestock	80	91	36
Milk	77	77	44
Meat	82	102	23
Fish	58	108	113
Net trade (mln USD)			
Cereals and preparations	-5	-9	-16
Fruit and vegetables	-3	-13	-23
Meat and meat preparations	-11	-15	-26
Dairy products (milk equivalent)	-4	-6	-11
Fish	-1	-8	-8
Environment			
Forest land area (% of total land area)	22.9	22.3	22.3
Agricultural land area (% of total land area)	20.5	20.5	20.5
Freshwater withdrawal (% total renewable)	3.3	9.8	8.5
Terrestrial protected areas (% total land area)			18.6
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	38	41	21
Net emissions in land use (CO ₂ eq. Gg)	0	110	0

Argentina

	1997	2007	2017
The setting			
Population, total (mill.)	35.7	39.7	44.4
Rural population, total (mill.)	4.1	3.9	3.6
Govt. expenditure on agric. (% total outlays)	0.9	2.0	0.6
Area harvested, crops (mill. ha)	24.6	30.7	36.0
Cropping intensity ratio	0.9	0.8	0.9
Total renew. water resources per cap. (m ³)	24 452	21 921	19 792
Land area equipped for irrigation (1 000 ha)	1 555	1 985	2 360
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	0.8	1.1	0.1
Employment in agriculture, female (%)	0.3	0.4	0.0
Fertilizers use, nitrogen, as N (1 000 t)	534.6	981.4	975.8
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	286.6	766.2	640.5
Fertilizers use, potassium, as K ₂ O (1 000 t)	21.2	47.1	43.3
Agric. value added per worker (constant USD)			
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 245	3 139	3 247
Average dietary energy supply adequacy (%)	136	131	134
Dietary energy supply, cereals/roots/tubers (%)	34	35	35
Prevalence of undernourishment (% of pop.)	3.5	4.2	4.6
Prev. of severe food insecurity (% of pop.)			11.3
Prev. moderate or severe food insecurity (% pop.)			32.1
GDP per capita (USD, PPP)	14 975	18 030	18 945
Cereal import dependency ratio (%)	-166.2	-183.5	-225.3
Stunting, children under 5 (%)		8.2	
Adult obesity (% of pop. 18 years and older)	20.5	23.7	28.5
At least basic drinking water (% pop. using)	96.2	97.8	99.1
Food supply			
Food production value (2004–06 mill. I\$)	28 494	41 814	48 837
Agriculture, value added (% GDP)	4.5	7.5	5.6
Food (excl. fish) exports (mill. USD)	8 886	19 761	21 534
Food (excl. fish) imports (mill. USD)	1 254	1 331	2 092
Production indices, gross (2004–06=100)			
Food	77	114	133
Crops	71	118	147
Cereals	103	116	204
Vegetable oils	54	124	144
Roots and tubers	147	101	125
Fruit and vegetables	88	101	90
Sugar	81	100	80
Livestock	90	107	109
Milk	99	103	106
Meat	88	108	107
Fish	137	97	82
Net trade (mln USD)			
Cereals and preparations	3 146	5 267	7 615
Fruit and vegetables	994	2 085	2 203
Meat and meat preparations	810	1 739	1 799
Dairy products (milk equivalent)	232	618	549
Fish	799	1 003	1 764
Environment			
Forest land area (% of total land area)	12.0	10.8	9.7
Agricultural land area (% of total land area)	46.9	52.6	54.3
Freshwater withdrawal (% total renewable)	3.3	4.3	4.3
Terrestrial protected areas (% total land area)			8.8
Agriculture area under organic agric. (ha)		2 777	3 180
Wood pellet production (1 000 t)		8	5
Emissions in agriculture (CO ₂ eq. Gg)	103 934	123 657	118 916
Net emissions in land use (CO ₂ eq. Gg)	71 214	113 442	101 150

Armenia

	1997	2007	2017
The setting			
Population, total (mill.)	3.1	2.9	3.0
Rural population, total (mill.)	1.1	1.1	1.1
Govt. expenditure on agric. (% total outlays)		3.9	2.5
Area harvested, crops (mill. ha)	0.3	0.3	0.3
Cropping intensity ratio	0.6	0.6	0.6
Total renew. water resources per cap. (m ³)	2 480	2 649	2 652
Land area equipped for irrigation (1 000 ha)	285	274	274
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	40.1	36.5	33.4
Employment in agriculture, female (%)	46.6	43.9	36.7
Fertilizers use, nitrogen, as N (1 000 t)	15.7	26.8	90.1
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.0	0.0	0.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.0	0.0	0.2
Agric. value added per worker (constant USD)			
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 254	2 795	2 939
Average dietary energy supply adequacy (%)	95	114	120
Dietary energy supply, cereals/roots/tubers (%)	62	46	40
Prevalence of undernourishment (% of pop.)	23.8	5.4	4.3
Prev. of severe food insecurity (% of pop.)			4.0
Prev. moderate or severe food insecurity (% pop.)			34.3
GDP per capita (USD, PPP)	2 925	7 012	8 745
Cereal import dependency ratio (%)	55.7	60.7	60.1
Stunting, children under 5 (%)	17.7	18.2	9.4
Adult obesity (% of pop. 18 years and older)	14.4	16.3	20.9
At least basic drinking water (% pop. using)	95.1	97.3	99.9
Food supply			
Food production value (2004–06 mill. I\$)	589	1 160	1 288
Agriculture, value added (% GDP)	27.6	17.1	14.9
Food (excl. fish) exports (mill. USD)	3	20	113
Food (excl. fish) imports (mill. USD)	216	378	495
Production indices, gross (2004–06=100)			
Food	58	114	126
Crops	48	115	122
Cereals	72	125	85
Vegetable oils	32	97	791
Roots and tubers	64	104	98
Fruit and vegetables	43	114	128
Sugar	6	203	462
Livestock	76	112	134
Milk	72	109	130
Meat	87	118	142
Fish	109	413	1 493
Net trade (mln USD)			
Cereals and preparations	-97	-141	-112
Fruit and vegetables	-5	-39	-7
Meat and meat preparations	-38	-41	-57
Dairy products (milk equivalent)	-20	-18	-30
Fish	-1	1	13
Environment			
Forest land area (% of total land area)	11.7	11.6	11.7
Agricultural land area (% of total land area)	46.8	61.5	58.9
Freshwater withdrawal (% total renewable)	37.7	36.8	36.7
Terrestrial protected areas (% total land area)			23.1
Agriculture area under organic agric. (ha)		0	1
Wood pellet production (1 000 t)		0	0
Emissions in agriculture (CO ₂ eq. Gg)	1 013	1 338	1 793
Net emissions in land use (CO ₂ eq. Gg)	110	148	-146

Australia

	1997	2007	2017
The setting			
Population, total (mill.)	18.4	20.9	24.9
Rural population, total (mill.)	2.8	3.2	3.5
Govt. expenditure on agric. (% total outlays)	1.0	1.1	0.6
Area harvested, crops (mill. ha)	20.4	22.0	25.3
Cropping intensity ratio	1.0	0.9	0.8
Total renew. water resources per cap. (m ³)	26 641	23 488	20 123
Land area equipped for irrigation (1 000 ha)	2 380	2 546	2 546
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	5.1	3.3	2.6
Employment in agriculture, female (%)	3.7	2.3	1.7
Fertilizers use, nitrogen, as N (1 000 t)	980.1	848.8	1 090.5
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	1 078.1	990.3	929.8
Fertilizers use, potassium, as K ₂ O (1 000 t)	215.6	227.3	95.7
Agric. value added per worker (constant USD)	40 988	57 148	85 075
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 018	3 185	3 276
Average dietary energy supply adequacy (%)	121	127	132
Dietary energy supply, cereals/roots/tubers (%)	25	25	25
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			3.5
Prev. moderate or severe food insecurity (% pop.)			13.4
GDP per capita (USD, PPP)	35 393	40 733	44 888
Cereal import dependency ratio (%)	-205.2	-105.5	-214.8
Stunting, children under 5 (%)		2.0	
Adult obesity (% of pop. 18 years and older)	21.0	25.1	30.4
At least basic drinking water (% pop. using)	99.7	99.8	100.0
Food supply			
Food production value (2004–06 mill. I\$)	21 322	20 650	28 511
Agriculture, value added (% GDP)	3.0	2.3	2.5
Food (excl. fish) exports (mill. USD)	11 642	13 842	29 113
Food (excl. fish) imports (mill. USD)	1 795	5 033	8 968
Production indices, gross (2004–06=100)			
Food	89	86	119
Crops	86	63	136
Cereals	82	45	127
Vegetable oils	72	43	246
Roots and tubers	99	95	87
Fruit and vegetables	70	91	98
Sugar	107	98	98
Livestock	97	104	105
Milk	92	95	87
Meat	93	108	112
Fish	85	91	102
Net trade (mln USD)			
Cereals and preparations	4 374	2 191	6 412
Fruit and vegetables	434	-194	1 717
Meat and meat preparations	2 508	5 135	8 402
Dairy products (milk equivalent)	1 192	1 634	793
Fish	404	-124	-512
Environment			
Forest land area (% of total land area)	16.8	16.4	16.3
Agricultural land area (% of total land area)	60.2	51.9	48.3
Freshwater withdrawal (% total renewable)	4.5	3.8	3.2
Terrestrial protected areas (% total land area)			19.3
Agriculture area under organic agric. (ha)		11 988	35 645
Wood pellet production (1 000 t)		2	200
Emissions in agriculture (CO ₂ eq. Gg)	143 538	154 609	150 913
Net emissions in land use (CO ₂ eq. Gg)	4 538	4 977	-66 146

Austria

	1997	2007	2017
The setting			
Population, total (mill.)	8.0	8.3	8.9
Rural population, total (mill.)	3.1	3.5	3.6
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	1.2	1.1	1.1
Cropping intensity ratio	0.8	0.8	0.8
Total renew. water resources per cap. (m ³)	9 673	9 348	8 895
Land area equipped for irrigation (1 000 ha)	96	117	100
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	6.9	5.5	3.9
Employment in agriculture, female (%)	7.7	5.6	3.7
Fertilizers use, nitrogen, as N (1 000 t)	171.0	82.6	114.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	77.5	28.3	31.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	75.6	40.8	33.7
Agric. value added per worker (constant USD)	18 051	23 880	33 430
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 709	3 724	3 753
Average dietary energy supply adequacy (%)	146	146	148
Dietary energy supply, cereals/roots/tubers (%)	28	27	26
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			1.2
Prev. moderate or severe food insecurity (% pop.)			4.4
GDP per capita (USD, PPP)	38 844	43 939	45 493
Cereal import dependency ratio (%)	-8.9	-4.2	10.5
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	15.0	17.9	21.9
At least basic drinking water (% pop. using)	100.0	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	4 462	4 665	4 575
Agriculture, value added (% GDP)	1.9	1.4	1.2
Food (excl. fish) exports (mill. USD)	2 063	6 687	8 503
Food (excl. fish) imports (mill. USD)	3 019	7 921	9 957
Production indices, gross (2004–06=100)			
Food	97	102	100
Crops	93	101	87
Cereals	100	97	100
Vegetable oils	79	99	112
Roots and tubers	96	95	93
Fruit and vegetables	86	106	67
Sugar	107	94	106
Livestock	99	102	108
Milk	96	101	119
Meat	101	103	100
Fish	126	104	152
Net trade (mln USD)			
Cereals and preparations	-116	-19	-84
Fruit and vegetables	-693	-1 152	-1 684
Meat and meat preparations	53	292	399
Dairy products (milk equivalent)	51	519	436
Fish	-176	-403	-516
Environment			
Forest land area (% of total land area)	46.3	46.7	46.9
Agricultural land area (% of total land area)	35.9	34.3	32.2
Freshwater withdrawal (% total renewable)	4.7	4.5	4.5
Terrestrial protected areas (% total land area)			28.4
Agriculture area under organic agric. (ha)		482	621
Wood pellet production (1 000 t)		893	1 225
Emissions in agriculture (CO ₂ eq. Gg)	7 788	6 635	6 756
Net emissions in land use (CO ₂ eq. Gg)	-12 002	-4 306	-5 039

Azerbaijan

	1997	2007	2017
The setting			
Population, total (mill.)	7.9	8.7	9.9
Rural population, total (mill.)	3.8	4.1	4.4
Govt. expenditure on agric. (% total outlays)		2.5	2.6
Area harvested, crops (mill. ha)	1.1	1.1	1.5
Cropping intensity ratio	0.5	0.5	0.6
Total renew. water resources per cap. (m ³)	4 375	3 975	3 529
Land area equipped for irrigation (1 000 ha)	1 450	1 433	1 446
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	42.6	38.5	36.4
Employment in agriculture, female (%)	48.1	42.0	42.2
Fertilizers use, nitrogen, as N (1 000 t)	15.8	16.8	8.7
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	1.6	1.3	1.3
Fertilizers use, potassium, as K ₂ O (1 000 t)	1.9	1.6	3.8
Agric. value added per worker (constant USD)	1 049	1 859	2 216
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 280	3 017	3 161
Average dietary energy supply adequacy (%)	97	124	131
Dietary energy supply, cereals/roots/tubers (%)	67	66	62
Prevalence of undernourishment (% of pop.)	23.0	2.8	<2.5
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	4 604	13 499	15 929
Cereal import dependency ratio (%)	34.1	40.1	38.4
Stunting, children under 5 (%)	24.1	26.8	18.0
Adult obesity (% of pop. 18 years and older)	11.8	14.4	19.9
At least basic drinking water (% pop. using)	73.4	83.7	91.4
Food supply			
Food production value (2004–06 mill. I\$)	1 146	2 183	3 075
Agriculture, value added (% GDP)	20.1	6.5	5.6
Food (excl. fish) exports (mill. USD)	31	405	540
Food (excl. fish) imports (mill. USD)	216	695	1 279
Production indices, gross (2004–06=100)			
Food	56	108	152
Crops	53	103	128
Cereals	54	93	134
Vegetable oils	49	79	94
Roots and tubers	22	103	91
Fruit and vegetables	56	114	146
Sugar	39	163	472
Livestock	66	109	175
Milk	70	107	161
Meat	62	111	189
Fish	70	49	21
Net trade (mln USD)			
Cereals and preparations	-115	-359	-369
Fruit and vegetables	7	133	294
Meat and meat preparations	-26	-22	-81
Dairy products (milk equivalent)	-12	-20	-114
Fish	1	0	-28
Environment			
Forest land area (% of total land area)	10.4	11.3	14.4
Agricultural land area (% of total land area)	55.1	57.6	57.8
Freshwater withdrawal (% total renewable)	36.1	35.4	36.9
Terrestrial protected areas (% total land area)			10.2
Agriculture area under organic agric. (ha)		21	38
Wood pellet production (1 000 t)		0	0
Emissions in agriculture (CO ₂ eq. Gg)	3 992	5 725	6 258
Net emissions in land use (CO ₂ eq. Gg)	-1 135	-7 475	-8 465

Bahamas

	1997	2007	2017
The setting			
Population, total (mill.)	0.3	0.3	0.4
Rural population, total (mill.)	0.1	0.1	0.1
Govt. expenditure on agric. (% total outlays)	1.2	1.0	1.1
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.6	0.7	0.8
Total renew. water resources per cap. (m ³)	2 439	2 045	1 770
Land area equipped for irrigation (1 000 ha)	1	1	1
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	3.8	2.3	2.6
Employment in agriculture, female (%)	1.9	0.2	0.4
Fertilizers use, nitrogen, as N (1 000 t)		0.7	0.7
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)		0.3	0.4
Fertilizers use, potassium, as K ₂ O (1 000 t)		0.2	0.5
Agric. value added per worker (constant USD)	23 514	25 260	19 551
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 749	2 605	2 825
Average dietary energy supply adequacy (%)	115	106	114
Dietary energy supply, cereals/roots/tubers (%)	28	26	24
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	32 973	32 884	28 705
Cereal import dependency ratio (%)	100.0	99.0	97.4
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	23.1	27.0	32.1
At least basic drinking water (% pop. using)	98.2	98.5	98.9
Food supply			
Food production value (2004–06 mill. I\$)	23	29	36
Agriculture, value added (% GDP)	1.6	1.1	0.9
Food (excl. fish) exports (mill. USD)	9	2	2
Food (excl. fish) imports (mill. USD)	200	367	346
Production indices, gross (2004–06=100)			
Food	85	106	134
Crops	78	109	146
Cereals	95	110	219
Vegetable oils			
Roots and tubers	75	114	288
Fruit and vegetables	79	109	147
Sugar	67	110	111
Livestock	98	99	113
Milk	92	103	150
Meat	98	100	113
Fish	94	70	73
Net trade (mln USD)			
Cereals and preparations	-30	-49	-58
Fruit and vegetables	-37	-85	-60
Meat and meat preparations	-49	-111	-106
Dairy products (milk equivalent)	-19	-32	-27
Fish	52	66	69
Environment			
Forest land area (% of total land area)	51.4	51.4	51.4
Agricultural land area (% of total land area)	1.2	1.3	1.4
Freshwater withdrawal (% total renewable)			
Terrestrial protected areas (% total land area)			36.6
Agriculture area under organic agric. (ha)			0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	29	26	31
Net emissions in land use (CO ₂ eq. Gg)	-1 385	4 915	465

Bahrain

	1997	2007	2017
The setting			
Population, total (mill.)	0.6	1.0	1.6
Rural population, total (mill.)	0.1	0.1	0.2
Govt. expenditure on agric. (% total outlays)	0.5	0.3	0.2
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.5	0.8	1.1
Total renew. water resources per cap. (m ³)	195	112	78
Land area equipped for irrigation (1 000 ha)	5	4	4
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	1.9	1.2	1.0
Employment in agriculture, female (%)	0.2	0.1	0.0
Fertilizers use, nitrogen, as N (1 000 t)	0.8	1.2	0.2
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.1	0.2	0.1
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.1	0.3	0.1
Agric. value added per worker (constant USD)		10 944	10 227
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	44 943	42 754	43 320
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	21.2	23.4	28.7
At least basic drinking water (% pop. using)	99.9	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	25	24	42
Agriculture, value added (% GDP)	0.7	0.3	0.3
Food (excl. fish) exports (mill. USD)	43	35	178
Food (excl. fish) imports (mill. USD)	323	479	1 210
Production indices, gross (2004–06=100)			
Food	115	114	197
Crops	108	110	101
Cereals			
Vegetable oils			
Roots and tubers	89	128	159
Fruit and vegetables	111	112	103
Sugar			
Livestock	125	120	349
Milk	109	92	108
Meat	155	170	1 007
Fish	72	107	107
Net trade (mln USD)			
Cereals and preparations	-57	-74	-211
Fruit and vegetables	-79	-95	-294
Meat and meat preparations	-41	-70	-255
Dairy products (milk equivalent)	-41	-72	-189
Fish	9	7	-8
Environment			
Forest land area (% of total land area)	0.5	0.6	0.8
Agricultural land area (% of total land area)	12.7	11.2	11.0
Freshwater withdrawal (% total renewable)	161.1	205.8	132.2
Terrestrial protected areas (% total land area)			6.6
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	32	38	32
Net emissions in land use (CO ₂ eq. Gg)	0	0	1

Bangladesh

	1997	2007	2017
The setting			
Population, total (mill.)	120.2	142.7	161.4
Rural population, total (mill.)	96.1	105.6	105.4
Govt. expenditure on agric. (% total outlays)	4.7	5.8	5.7
Area harvested, crops (mill. ha)	14.0	14.2	16.0
Cropping intensity ratio	1.6	1.6	1.9
Total renew. water resources per cap. (m ³)	9 907	8 339	7 451
Land area equipped for irrigation (1 000 ha)	3 817	5 008	5 550
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	64.9	47.9	40.6
Employment in agriculture, female (%)	81.2	67.5	59.8
Fertilizers use, nitrogen, as N (1 000 t)	1 079.1	1 048.5	1 240.4
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	321.8	256.1	642.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	156.0	136.8	473.4
Agric. value added per worker (constant USD)	423	686	946
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 285	2 392	2 514
Average dietary energy supply adequacy (%)	104	107	110
Dietary energy supply, cereals/roots/tubers (%)	83	81	80
Prevalence of undernourishment (% of pop.)	20.8	16.3	14.7
Prev. of severe food insecurity (% of pop.)			10.2
Prev. moderate or severe food insecurity (% pop.)			30.5
GDP per capita (USD, PPP)	1 692	2 216	3 634
Cereal import dependency ratio (%)	12.0	9.0	10.3
Stunting, children under 5 (%)	50.8	43.2	36.1
Adult obesity (% of pop. 18 years and older)	1.1	1.8	3.4
At least basic drinking water (% pop. using)	95.2	96.2	97.0
Food supply			
Food production value (2004–06 mill. I\$)	11 699	18 452	23 476
Agriculture, value added (% GDP)	24.7	17.8	13.4
Food (excl. fish) exports (mill. USD)	8	87	128
Food (excl. fish) imports (mill. USD)	1 043	2 319	7 870
Production indices, gross (2004–06=100)			
Food	71	112	143
Crops	71	113	143
Cereals	73	111	129
Vegetable oils	131	99	160
Roots and tubers	35	109	213
Fruit and vegetables	54	137	212
Sugar	121	94	63
Livestock	80	106	146
Milk	88	107	117
Meat	81	106	120
Fish	59	110	187
Net trade (mln USD)			
Cereals and preparations	-258	-687	-2 502
Fruit and vegetables	-99	-215	-911
Meat and meat preparations	-2	-1	-3
Dairy products (milk equivalent)	-71	-106	-378
Fish	289	625	394
Environment			
Forest land area (% of total land area)	11.3	11.1	10.9
Agricultural land area (% of total land area)	71.9	71.2	70.6
Freshwater withdrawal (% total renewable)		2.9	2.9
Terrestrial protected areas (% total land area)			4.6
Agriculture area under organic agric. (ha)		1	8
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	62 109	68 897	77 296
Net emissions in land use (CO ₂ eq. Gg)	23 290	12 076	19 542

Barbados

	1997	2007	2017
The setting			
Population, total (mill.)	0.3	0.3	0.3
Rural population, total (mill.)	0.2	0.2	0.2
Govt. expenditure on agric. (% total outlays)		2.2	
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.8	0.7	0.7
Total renew. water resources per cap. (m ³)	300	290	280
Land area equipped for irrigation (1 000 ha)	5	5	5
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	5.3	3.1	2.8
Employment in agriculture, female (%)	4.1	2.2	1.8
Fertilizers use, nitrogen, as N (1 000 t)	0.6	1.1	0.5
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.1	0.6	0.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.0	0.0	0.3
Agric. value added per worker (constant USD)	11 823	13 932	13 447
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 860	2 876	2 954
Average dietary energy supply adequacy (%)	116	117	120
Dietary energy supply, cereals/roots/tubers (%)	33	31	32
Prevalence of undernourishment (% of pop.)	5.4	5.3	3.9
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	15 391	17 091	16 839
Cereal import dependency ratio (%)	100.0	100.0	100.0
Stunting, children under 5 (%)		7.7	7.7
Adult obesity (% of pop. 18 years and older)	15.4	19.3	24.8
At least basic drinking water (% pop. using)	98.3	98.4	98.5
Food supply			
Food production value (2004–06 mill. I\$)	52	50	41
Agriculture, value added (% GDP)	2.6	1.4	1.4
Food (excl. fish) exports (mill. USD)	75	50	45
Food (excl. fish) imports (mill. USD)	130	189	255
Production indices, gross (2004–06=100)			
Food	106	101	84
Crops	132	96	49
Cereals	250	108	38
Vegetable oils	107	107	109
Roots and tubers	195	83	94
Fruit and vegetables	96	105	87
Sugar	149	92	27
Livestock	89	105	107
Milk	139	110	78
Meat	88	103	105
Fish	133	106	70
Net trade (mln USD)			
Cereals and preparations	-26	-33	-36
Fruit and vegetables	-21	-37	-52
Meat and meat preparations	-15	-18	-31
Dairy products (milk equivalent)	-13	-21	-23
Fish	-8	-18	-26
Environment			
Forest land area (% of total land area)	14.7	14.7	14.7
Agricultural land area (% of total land area)	44.2	37.2	23.3
Freshwater withdrawal (% total renewable)	101.2	87.5	
Terrestrial protected areas (% total land area)			1.3
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	89	52	53
Net emissions in land use (CO ₂ eq. Gg)	0	73	0

Belarus

	1997	2007	2017
The setting			
Population, total (mill.)	10.0	9.5	9.5
Rural population, total (mill.)	3.2	2.5	2.0
Govt. expenditure on agric. (% total outlays)	11.3	11.1	5.8
Area harvested, crops (mill. ha)	3.9	3.6	3.3
Cropping intensity ratio	0.6	0.6	0.6
Total renew. water resources per cap. (m ³)	5 748	6 071	6 115
Land area equipped for irrigation (1 000 ha)	131	94	31
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	11.6	10.5	10.7
Employment in agriculture, female (%)	7.8	7.1	7.3
Fertilizers use, nitrogen, as N (1 000 t)	247.2	447.3	406.8
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	73.1	191.0	77.5
Fertilizers use, potassium, as K ₂ O (1 000 t)	443.4	566.8	331.4
Agric. value added per worker (constant USD)	6 931	9 307	11 792
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 052	3 157	3 275
Average dietary energy supply adequacy (%)	123	126	133
Dietary energy supply, cereals/roots/tubers (%)	45	39	36
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	7 574	13 560	17 193
Cereal import dependency ratio (%)	26.8	8.3	1.9
Stunting, children under 5 (%)		4.5	
Adult obesity (% of pop. 18 years and older)	19.9	22.4	26.6
At least basic drinking water (% pop. using)	99.3	98.3	96.5
Food supply			
Food production value (2004–06 mill. I\$)	5 625	6 977	8 101
Agriculture, value added (% GDP)	13.0	8.1	7.8
Food (excl. fish) exports (mill. USD)	446	1 572	4 207
Food (excl. fish) imports (mill. USD)	673	1 159	3 037
Production indices, gross (2004–06=100)			
Food	86	107	124
Crops	78	104	106
Cereals	92	117	132
Vegetable oils	31	159	353
Roots and tubers	79	99	73
Fruit and vegetables	58	100	103
Sugar	37	107	148
Livestock	95	110	143
Milk	92	106	131
Meat	96	116	161
Fish	72	221	167
Net trade (mln USD)			
Cereals and preparations	-196	-209	-201
Fruit and vegetables	-52	-208	-1 095
Meat and meat preparations	70	254	814
Dairy products (milk equivalent)	118	870	2 098
Fish	-67	-178	-83
Environment			
Forest land area (% of total land area)	40.1	41.8	42.7
Agricultural land area (% of total land area)	45.9	43.9	41.8
Freshwater withdrawal (% total renewable)	3.4	2.9	2.5
Terrestrial protected areas (% total land area)			9.4
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)		175	221
Emissions in agriculture (CO ₂ eq. Gg)	20 625	19 326	19 714
Net emissions in land use (CO ₂ eq. Gg)	-12 007	-28 712	-3 018

Belgium

	1997	2007	2017
The setting			
Population, total (mill.)		10.7	11.5
Rural population, total (mill.)		0.3	0.2
Govt. expenditure on agric. (% total outlays)		0.1	0.0
Area harvested, crops (mill. ha)		0.6	0.6
Cropping intensity ratio		0.7	0.7
Total renew. water resources per cap. (m ³)	1 795	1 711	1 601
Land area equipped for irrigation (1 000 ha)		23	24
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	2.7	1.9	1.2
Employment in agriculture, female (%)	2.1	1.3	0.7
Fertilizers use, nitrogen, as N (1 000 t)		152.7	170.4
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)		45.3	18.6
Fertilizers use, potassium, as K ₂ O (1 000 t)		83.1	60.3
Agric. value added per worker (constant USD)	29 379	45 969	57 231
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)		3 710	3 726
Average dietary energy supply adequacy (%)		145	147
Dietary energy supply, cereals/roots/tubers (%)		27	29
Prevalence of undernourishment (% of pop.)		<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			3.6
Prev. moderate or severe food insecurity (% pop.)			10.3
GDP per capita (USD, PPP)		41 623	42 781
Cereal import dependency ratio (%)		51.4	61.6
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)		21.1	24.5
At least basic drinking water (% pop. using)		100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)		6 180	6 691
Agriculture, value added (% GDP)	1.3	0.9	0.7
Food (excl. fish) exports (mill. USD)		27 251	32 700
Food (excl. fish) imports (mill. USD)		22 652	27 785
Production indices, gross (2004–06=100)			
Food		97	105
Crops		95	99
Cereals		96	98
Vegetable oils		133	142
Roots and tubers		111	154
Fruit and vegetables		103	91
Sugar		97	100
Livestock		98	110
Milk		97	136
Meat		99	103
Fish	124	98	98
Net trade (mln USD)			
Cereals and preparations		258	662
Fruit and vegetables		1 524	1 426
Meat and meat preparations		2 187	2 327
Dairy products (milk equivalent)		-186	-112
Fish	-542	-931	-1 043
Environment			
Forest land area (% of total land area)		22.4	22.6
Agricultural land area (% of total land area)		45.1	43.8
Freshwater withdrawal (% total renewable)	42.0	34.0	32.8
Terrestrial protected areas (% total land area)			23.3
Agriculture area under organic agric. (ha)		33	84
Wood pellet production (1 000 t)		367	390
Emissions in agriculture (CO ₂ eq. Gg)		8 865	8 487
Net emissions in land use (CO ₂ eq. Gg)		-2 698	-2 735

Belize

	1997	2007	2017
The setting			
Population, total (mill.)	0.2	0.3	0.4
Rural population, total (mill.)	0.1	0.2	0.2
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	0.9	0.8	0.8
Total renew. water resources per cap. (m ³)	98 060	72 822	57 993
Land area equipped for irrigation (1 000 ha)	3	4	4
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	29.9	19.0	17.7
Employment in agriculture, female (%)	5.8	3.8	5.3
Fertilizers use, nitrogen, as N (1 000 t)	12.1	2.6	13.6
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	9.8	1.6	10.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	3.8	0.1	6.2
Agric. value added per worker (constant USD)	4 518	6 289	4 796
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 696	2 770	2 717
Average dietary energy supply adequacy (%)	125	126	120
Dietary energy supply, cereals/roots/tubers (%)	39	39	38
Prevalence of undernourishment (% of pop.)	5.8	5.3	7.5
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	6 954	7 879	7 726
Cereal import dependency ratio (%)	29.6	29.5	10.4
Stunting, children under 5 (%)		22.2	15.0
Adult obesity (% of pop. 18 years and older)	14.3	17.3	22.4
At least basic drinking water (% pop. using)	87.4	92.0	98.0
Food supply			
Food production value (2004–06 mill. I\$)	137	168	178
Agriculture, value added (% GDP)	14.9	11.5	12.2
Food (excl. fish) exports (mill. USD)	115	148	187
Food (excl. fish) imports (mill. USD)	39	56	106
Production indices, gross (2004–06=100)			
Food	80	98	104
Crops	84	99	101
Cereals	105	120	188
Vegetable oils	169	70	1 134
Roots and tubers	50	61	86
Fruit and vegetables	74	93	66
Sugar	105	111	154
Livestock	60	94	118
Milk	33	78	188
Meat	59	94	112
Fish	20	240	94
Net trade (mln USD)			
Cereals and preparations	-8	-14	-21
Fruit and vegetables	58	94	90
Meat and meat preparations	-4	-5	-10
Dairy products (milk equivalent)	-9	-13	-14
Fish	17	19	20
Environment			
Forest land area (% of total land area)	66.0	61.7	59.5
Agricultural land area (% of total land area)	6.5	6.7	7.5
Freshwater withdrawal (% total renewable)	0.5	0.5	
Terrestrial protected areas (% total land area)			37.7
Agriculture area under organic agric. (ha)		2	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	154	224	365
Net emissions in land use (CO ₂ eq. Gg)	4 620	8 571	3 362

Benin

	1997	2007	2017
The setting			
Population, total (mill.)	6.3	8.5	11.5
Rural population, total (mill.)	3.9	4.9	6.1
Govt. expenditure on agric. (% total outlays)		1.6	
Area harvested, crops (mill. ha)	2.1	2.3	3.4
Cropping intensity ratio	0.9	0.8	1.0
Total renew. water resources per cap. (m ³)	4 201	3 121	2 361
Land area equipped for irrigation (1 000 ha)	11	22	23
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	45.4	44.0	41.8
Employment in agriculture, female (%)	37.7	36.7	34.2
Fertilizers use, nitrogen, as N (1 000 t)	23.6	0.6	0.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	10.4	0.0	0.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	7.8	0.0	0.0
Agric. value added per worker (constant USD)	833	1 027	1 089
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 265	2 512	2 786
Average dietary energy supply adequacy (%)	106	116	127
Dietary energy supply, cereals/roots/tubers (%)	72	73	71
Prevalence of undernourishment (% of pop.)	22.7	13.3	10.1
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	1 667	1 806	2 069
Cereal import dependency ratio (%)	11.7	46.2	41.6
Stunting, children under 5 (%)	39.1	44.7	34.0
Adult obesity (% of pop. 18 years and older)	4.2	5.6	8.2
At least basic drinking water (% pop. using)	61.5	63.8	66.4
Food supply			
Food production value (2004–06 mill. I\$)	1 228	1 557	2 728
Agriculture, value added (% GDP)	23.2	24.3	22.5
Food (excl. fish) exports (mill. USD)	26	243	312
Food (excl. fish) imports (mill. USD)	112	503	1 801
Production indices, gross (2004–06=100)			
Food	75	95	166
Crops	80	91	161
Cereals	76	103	182
Vegetable oils	68	96	141
Roots and tubers	70	83	156
Fruit and vegetables	83	97	189
Sugar	62	61	19
Livestock	79	105	136
Milk	83	105	128
Meat	81	105	138
Fish	115	96	139
Net trade (mln USD)			
Cereals and preparations	-48	-227	-1 177
Fruit and vegetables	-2	5	200
Meat and meat preparations	-16	-60	-157
Dairy products (milk equivalent)	-12	-20	-22
Fish	-5	-24	-91
Environment			
Forest land area (% of total land area)	46.7	41.8	37.3
Agricultural land area (% of total land area)	25.6	29.7	35.0
Freshwater withdrawal (% total renewable)	0.5	0.5	
Terrestrial protected areas (% total land area)			29.6
Agriculture area under organic agric. (ha)		2	19
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	4 024	4 949	5 684
Net emissions in land use (CO ₂ eq. Gg)	15 249	10 619	10 611

Bhutan

	1997	2007	2017
The setting			
Population, total (mill.)	0.6	0.7	0.8
Rural population, total (mill.)	0.4	0.5	0.5
Govt. expenditure on agric. (% total outlays)	7.0	11.5	12.8
Area harvested, crops (mill. ha)	0.1	0.2	0.1
Cropping intensity ratio	0.9	1.0	1.0
Total renew. water resources per cap. (m ³)	153 177	113 537	96 582
Land area equipped for irrigation (1 000 ha)	27	28	33
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	66.9	62.5	57.2
Employment in agriculture, female (%)	76.8	70.6	65.4
Fertilizers use, nitrogen, as N (1 000 t)	0.8	0.8	0.8
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.2	0.3	0.3
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.1	0.2	0.2
Agric. value added per worker (constant USD)	1 465	1 341	1 610
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	3 433	5 627	9 247
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)		34.9	
Adult obesity (% of pop. 18 years and older)	2.1	3.3	5.8
At least basic drinking water (% pop. using)	82.7	90.0	97.2
Food supply			
Food production value (2004–06 mill. I\$)	165	224	213
Agriculture, value added (% GDP)	31.1	18.7	16.7
Food (excl. fish) exports (mill. USD)	15	9	22
Food (excl. fish) imports (mill. USD)	21	22	122
Production indices, gross (2004–06=100)			
Food	80	109	104
Crops	65	114	111
Cereals	91	110	112
Vegetable oils	39	103	26
Roots and tubers	54	113	115
Fruit and vegetables	44	109	100
Sugar	101	103	115
Livestock	101	101	93
Milk	99	101	85
Meat	107	100	102
Fish	146	85	366
Net trade (mln USD)			
Cereals and preparations	-9	-7	-50
Fruit and vegetables	10	3	10
Meat and meat preparations	0	0	-8
Dairy products (milk equivalent)	-2	-3	-18
Fish	0	-3	-5
Environment			
Forest land area (% of total land area)	64.7	70.2	72.7
Agricultural land area (% of total land area)	14.4	14.8	13.6
Freshwater withdrawal (% total renewable)		0.4	0.4
Terrestrial protected areas (% total land area)			48.0
Agriculture area under organic agric. (ha)		0	7
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	553	555	458
Net emissions in land use (CO ₂ eq. Gg)	-4 092	-2 827	-3 783

Bolivia (Plurinational State of)

	1997	2007	2017
The setting			
Population, total (mill.)	7.9	9.6	11.4
Rural population, total (mill.)	3.1	3.3	3.4
Govt. expenditure on agric. (% total outlays)	9.2	8.3	6.1
Area harvested, crops (mill. ha)	1.9	2.9	3.6
Cropping intensity ratio	0.6	0.7	0.8
Total renew. water resources per cap. (m ³)	72 926	60 799	51 936
Land area equipped for irrigation (1 000 ha)	213	268	300
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	40.1	34.2	28.2
Employment in agriculture, female (%)	40.2	36.5	28.4
Fertilizers use, nitrogen, as N (1 000 t)	6.0	11.9	14.2
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	6.5	8.5	15.7
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.8	4.2	2.5
Agric. value added per worker (constant USD)	1 183	1 330	1 961
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 066	2 157	2 375
Average dietary energy supply adequacy (%)	95	98	105
Dietary energy supply, cereals/roots/tubers (%)	51	51	51
Prevalence of undernourishment (% of pop.)	33.4	28.0	17.1
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	4 371	4 912	6 799
Cereal import dependency ratio (%)	27.7	19.7	15.5
Stunting, children under 5 (%)		27.2	16.1
Adult obesity (% of pop. 18 years and older)	11.8	14.6	18.7
At least basic drinking water (% pop. using)	79.5	85.5	92.8
Food supply			
Food production value (2004–06 mill. I\$)	2 100	3 150	4 087
Agriculture, value added (% GDP)	14.9	10.0	11.6
Food (excl. fish) exports (mill. USD)	222	456	679
Food (excl. fish) imports (mill. USD)	145	324	602
Production indices, gross (2004–06=100)			
Food	75	113	147
Crops	77	104	151
Cereals	62	104	145
Vegetable oils	64	108	164
Roots and tubers	90	98	131
Fruit and vegetables	114	101	141
Sugar	61	114	144
Livestock	74	125	137
Milk	73	90	180
Meat	72	130	131
Fish	95	94	156
Net trade (mln USD)			
Cereals and preparations	-60	-130	-182
Fruit and vegetables	45	101	184
Meat and meat preparations	1	4	9
Dairy products (milk equivalent)	-18	0	0
Fish	-3	-5	-22
Environment			
Forest land area (% of total land area)	56.2	53.3	50.0
Agricultural land area (% of total land area)	34.0	34.5	34.6
Freshwater withdrawal (% total renewable)		0.4	0.4
Terrestrial protected areas (% total land area)			30.9
Agriculture area under organic agric. (ha)		41	114
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	16 296	21 752	24 987
Net emissions in land use (CO ₂ eq. Gg)	83 675	100 108	93 757

Bosnia and Herzegovina

	1997	2007	2017
The setting			
Population, total (mill.)	3.7	3.8	3.3
Rural population, total (mill.)	2.2	2.1	1.8
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.6	0.6	0.6
Cropping intensity ratio	0.6	0.6	0.5
Total renew. water resources per cap. (m ³)	9 995	9 936	10 693
Land area equipped for irrigation (1 000 ha)	2	3	3
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	19.3	18.1	16.6
Employment in agriculture, female (%)	21.0	19.0	16.9
Fertilizers use, nitrogen, as N (1 000 t)	18.6	21.4	89.2
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	7.0	0.1	10.9
Fertilizers use, potassium, as K ₂ O (1 000 t)	7.0	0.3	12.8
Agric. value added per worker (constant USD)		6 075	6 312
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 881	3 062	3 284
Average dietary energy supply adequacy (%)	116	121	130
Dietary energy supply, cereals/roots/tubers (%)	60	51	49
Prevalence of undernourishment (% of pop.)	4.4	2.8	<2.5
Prev. of severe food insecurity (% of pop.)			1.1
Prev. moderate or severe food insecurity (% pop.)			9.2
GDP per capita (USD, PPP)	6 351	9 321	12 275
Cereal import dependency ratio (%)	28.3	37.4	37.0
Stunting, children under 5 (%)	12.1	11.8	8.9
Adult obesity (% of pop. 18 years and older)	13.5	15.9	19.4
At least basic drinking water (% pop. using)	97.3	96.9	96.1
Food supply			
Food production value (2004–06 mill. I\$)	700	955	950
Agriculture, value added (% GDP)	17.5	7.7	5.8
Food (excl. fish) exports (mill. USD)	20	181	462
Food (excl. fish) imports (mill. USD)	466	1 039	1 296
Production indices, gross (2004–06=100)			
Food	74	102	101
Crops	80	94	93
Cereals	90	73	85
Vegetable oils	81	118	190
Roots and tubers	77	88	77
Fruit and vegetables	70	108	105
Sugar	8 183	247	3 223
Livestock	61	119	117
Milk	65	116	105
Meat	50	129	163
Fish	3	106	55
Net trade (mln USD)			
Cereals and preparations	-94	-259	-197
Fruit and vegetables	-39	-105	-79
Meat and meat preparations	-100	-75	-126
Dairy products (milk equivalent)	-54	-53	-44
Fish	-5	-26	-27
Environment			
Forest land area (% of total land area)	42.8	42.7	42.7
Agricultural land area (% of total land area)	42.3	42.0	43.5
Freshwater withdrawal (% total renewable)		0.9	0.9
Terrestrial protected areas (% total land area)			1.4
Agriculture area under organic agric. (ha)		1	1
Wood pellet production (1 000 t)		83	250
Emissions in agriculture (CO ₂ eq. Gg)	1 756	2 267	2 505
Net emissions in land use (CO ₂ eq. Gg)	-7 972	240	86

Botswana

	1997	2007	2017
The setting			
Population, total (mill.)	1.5	1.9	2.3
Rural population, total (mill.)	0.8	0.8	0.7
Govt. expenditure on agric. (% total outlays)		3.7	2.2
Area harvested, crops (mill. ha)	0.2	0.1	0.1
Cropping intensity ratio	0.6	0.4	0.6
Total renew. water resources per cap. (m ³)	7 473	6 395	5 340
Land area equipped for irrigation (1 000 ha)	1	2	3
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	18.1	24.1	23.2
Employment in agriculture, female (%)	11.6	17.5	18.1
Fertilizers use, nitrogen, as N (1 000 t)		13.6	21.2
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)		0.9	1.1
Fertilizers use, potassium, as K ₂ O (1 000 t)		0.8	1.0
Agric. value added per worker (constant USD)	2 945	1 765	1 460
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 117	2 167	2 342
Average dietary energy supply adequacy (%)	93	93	99
Dietary energy supply, cereals/roots/tubers (%)	50	51	48
Prevalence of undernourishment (% of pop.)	35.7	32.4	26.4
Prev. of severe food insecurity (% of pop.)			41.3
Prev. moderate or severe food insecurity (% pop.)			70.0
GDP per capita (USD, PPP)	10 718	13 165	16 165
Cereal import dependency ratio (%)	87.6	79.1	100.0
Stunting, children under 5 (%)	29.1	31.4	
Adult obesity (% of pop. 18 years and older)	10.9	13.1	16.1
At least basic drinking water (% pop. using)	75.2	78.9	90.3
Food supply			
Food production value (2004–06 mill. I\$)	303	322	391
Agriculture, value added (% GDP)	3.5	2.2	2.0
Food (excl. fish) exports (mill. USD)	103	133	96
Food (excl. fish) imports (mill. USD)	291	398	494
Production indices, gross (2004–06=100)			
Food	96	102	124
Crops	95	98	139
Cereals	123	90	115
Vegetable oils	87	46	80
Roots and tubers	86	101	110
Fruit and vegetables	92	119	208
Sugar			
Livestock	96	103	122
Milk	94	100	97
Meat	100	105	146
Fish	128	98	43
Net trade (mln USD)			
Cereals and preparations	-81	-102	-137
Fruit and vegetables	-53	-88	-103
Meat and meat preparations	76	105	67
Dairy products (milk equivalent)	-41	-53	-48
Fish	-6	-10	-10
Environment			
Forest land area (% of total land area)	22.7	20.7	18.8
Agricultural land area (% of total land area)	45.7	45.5	45.6
Freshwater withdrawal (% total renewable)	1.2	1.6	1.6
Terrestrial protected areas (% total land area)			29.1
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	10 003	6 489	9 303
Net emissions in land use (CO ₂ eq. Gg)	69 107	68 475	53 834

Brazil

	1997	2007	2017
The setting			
Population, total (mill.)	167.2	190.1	209.5
Rural population, total (mill.)	35.1	31.6	28.3
Govt. expenditure on agric. (% total outlays)		0.5	0.9
Area harvested, crops (mill. ha)	48.5	62.7	78.8
Cropping intensity ratio	0.9	1.0	1.2
Total renew. water resources per cap. (m ³)	51 610	45 266	41 316
Land area equipped for irrigation (1 000 ha)	3 280	4 800	6 955
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	20.3	18.1	9.5
Employment in agriculture, female (%)	13.0	13.8	4.3
Fertilizers use, nitrogen, as N (1 000 t)	1 977.9	3 094.4	5 172.7
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	2 713.7	4 075.6	5 154.1
Fertilizers use, potassium, as K ₂ O (1 000 t)	2 993.6	4 379.1	6 256.1
Agric. value added per worker (constant USD)	4 017	5 475	13 230
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 879	3 127	3 203
Average dietary energy supply adequacy (%)	122	129	131
Dietary energy supply, cereals/roots/tubers (%)	34	35	33
Prevalence of undernourishment (% of pop.)	11.9	3.2	<2.5
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	11 403	13 334	14 236
Cereal import dependency ratio (%)	15.7	2.5	-15.3
Stunting, children under 5 (%)		7.1	
Adult obesity (% of pop. 18 years and older)	13.5	17.1	22.3
At least basic drinking water (% pop. using)	93.7	95.6	98.2
Food supply			
Food production value (2004–06 mill. I\$)	76 419	120 700	159 488
Agriculture, value added (% GDP)	4.6	4.4	4.5
Food (excl. fish) exports (mill. USD)	7 949	32 195	64 175
Food (excl. fish) imports (mill. USD)	4 878	4 394	7 236
Production indices, gross (2004–06=100)			
Food	70	111	146
Crops	70	112	157
Cereals	74	111	180
Vegetable oils	51	113	215
Roots and tubers	80	106	83
Fruit and vegetables	90	106	106
Sugar	76	125	173
Livestock	67	108	128
Milk	76	103	132
Meat	64	109	125
Fish	71	105	127
Net trade (mln USD)			
Cereals and preparations	-1 832	-66	2 660
Fruit and vegetables	386	2 588	1 378
Meat and meat preparations	876	10 992	14 779
Dairy products (milk equivalent)	-469	122	-443
Fish	-357	-255	-1 146
Environment			
Forest land area (% of total land area)	63.3	60.2	58.8
Agricultural land area (% of total land area)	27.3	27.5	28.2
Freshwater withdrawal (% total renewable)	0.7	0.7	0.7
Terrestrial protected areas (% total land area)			29.4
Agriculture area under organic agric. (ha)		932	1 137
Wood pellet production (1 000 t)		57	471
Emissions in agriculture (CO ₂ eq. Gg)	325 718	426 589	459 160
Net emissions in land use (CO ₂ eq. Gg)	892 097	549 978	326 243

Brunei Darussalam

	1997	2007	2017
The setting			
Population, total (mill.)	0.3	0.4	0.4
Rural population, total (mill.)	0.1	0.1	0.1
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	2.2	1.6	1.1
Total renew. water resources per cap. (m ³)	27 244	22 673	19 827
Land area equipped for irrigation (1 000 ha)	1	1	1
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	1.4	0.8	1.4
Employment in agriculture, female (%)	1.2	0.7	0.4
Fertilizers use, nitrogen, as N (1 000 t)	0.0	0.4	0.2
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.0	0.3	0.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.6	0.4	0.2
Agric. value added per worker (constant USD)	34 528	68 057	42 029
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 827	2 931	2 925
Average dietary energy supply adequacy (%)	121	124	122
Dietary energy supply, cereals/roots/tubers (%)	51	46	45
Prevalence of undernourishment (% of pop.)	3.1	2.7	3.2
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	82 068	84 481	72 524
Cereal import dependency ratio (%)	100.0	87.6	100.0
Stunting, children under 5 (%)		19.7	
Adult obesity (% of pop. 18 years and older)	6.4	9.6	14.7
At least basic drinking water (% pop. using)	99.9	99.9	99.9
Food supply			
Food production value (2004–06 mill. I\$)	15	38	51
Agriculture, value added (% GDP)	1.2	0.7	1.1
Food (excl. fish) exports (mill. USD)	1	1	3
Food (excl. fish) imports (mill. USD)	181	180	322
Production indices, gross (2004–06=100)			
Food	52	128	173
Crops	73	89	112
Cereals	57	125	299
Vegetable oils	55	117	142
Roots and tubers	68	112	139
Fruit and vegetables	74	86	102
Sugar			
Livestock	47	138	187
Milk	98	97	79
Meat	42	147	201
Fish	164	111	474
Net trade (mln USD)			
Cereals and preparations	-41	-60	-73
Fruit and vegetables	-45	-32	-85
Meat and meat preparations	-26	-15	-38
Dairy products (milk equivalent)	-12	-14	-36
Fish	-24	-16	-38
Environment			
Forest land area (% of total land area)	76.2	73.1	72.1
Agricultural land area (% of total land area)	1.9	2.2	2.7
Freshwater withdrawal (% total renewable)	1.1		
Terrestrial protected areas (% total land area)			46.9
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			0
Emissions in agriculture (CO ₂ eq. Gg)	85	123	127
Net emissions in land use (CO ₂ eq. Gg)	2 220	1 827	452

Bulgaria

	1997	2007	2017
The setting			
Population, total (mill.)	8.2	7.6	7.1
Rural population, total (mill.)	2.6	2.2	1.8
Govt. expenditure on agric. (% total outlays)	2.5	2.8	3.4
Area harvested, crops (mill. ha)	3.0	2.5	3.1
Cropping intensity ratio	0.7	0.8	0.8
Total renew. water resources per cap. (m ³)	2 594	2 815	3 006
Land area equipped for irrigation (1 000 ha)	709	105	115
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	15.2	7.5	7.0
Employment in agriculture, female (%)	12.6	5.6	4.5
Fertilizers use, nitrogen, as N (1 000 t)	283.6	200.1	334.6
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	90.6	109.4	69.6
Fertilizers use, potassium, as K ₂ O (1 000 t)	7.5	5.2	37.1
Agric. value added per worker (constant USD)	5 715	7 708	10 241
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 836	2 758	2 871
Average dietary energy supply adequacy (%)	112	109	115
Dietary energy supply, cereals/roots/tubers (%)	42	40	41
Prevalence of undernourishment (% of pop.)	4.8	6.1	3.6
Prev. of severe food insecurity (% of pop.)			2.1
Prev. moderate or severe food insecurity (% pop.)			11.8
GDP per capita (USD, PPP)	8 833	14 463	18 606
Cereal import dependency ratio (%)	-17.3	-39.6	-126.7
Stunting, children under 5 (%)		8.8	
Adult obesity (% of pop. 18 years and older)	20.0	22.9	27.4
At least basic drinking water (% pop. using)	99.7	99.5	99.1
Food supply			
Food production value (2004–06 mill. I\$)	3 729	2 484	3 781
Agriculture, value added (% GDP)	20.6	4.6	4.1
Food (excl. fish) exports (mill. USD)	365	1 171	3 604
Food (excl. fish) imports (mill. USD)	325	1 241	2 434
Production indices, gross (2004–06=100)			
Food	117	78	119
Crops	107	71	130
Cereals	99	62	154
Vegetable oils	43	60	229
Roots and tubers	104	67	51
Fruit and vegetables	195	92	90
Sugar	306	63	
Livestock	138	94	85
Milk	96	86	71
Meat	204	104	100
Fish	166	129	242
Net trade (mln USD)			
Cereals and preparations	-64	89	1 043
Fruit and vegetables	75	-62	-86
Meat and meat preparations	18	-59	-205
Dairy products (milk equivalent)	28	2	-121
Fish	-4	-23	-33
Environment			
Forest land area (% of total land area)	30.4	33.9	35.5
Agricultural land area (% of total land area)	56.1	47.1	46.3
Freshwater withdrawal (% total renewable)	30.9	29.1	26.4
Terrestrial protected areas (% total land area)			34.7
Agriculture area under organic agric. (ha)		14	137
Wood pellet production (1 000 t)		120	217
Emissions in agriculture (CO ₂ eq. Gg)	4 948	4 485	5 145
Net emissions in land use (CO ₂ eq. Gg)	-11 446	-9 989	-10 148

Burkina Faso

	1997	2007	2017
The setting			
Population, total (mill.)	10.7	14.3	19.8
Rural population, total (mill.)	9.0	11.0	14.0
Govt. expenditure on agric. (% total outlays)		0.1	3.4
Area harvested, crops (mill. ha)	4.0	4.9	7.3
Cropping intensity ratio	1.0	1.0	1.2
Total renew. water resources per cap. (m ³)	1 266	947	703
Land area equipped for irrigation (1 000 ha)	25	42	55
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	85.1	59.4	29.2
Employment in agriculture, female (%)	79.9	48.7	20.6
Fertilizers use, nitrogen, as N (1 000 t)	2.0	23.6	58.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.0	13.4	25.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.0	12.6	25.5
Agric. value added per worker (constant USD)	412	752	1 718
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 331	2 565	2 722
Average dietary energy supply adequacy (%)	108	118	124
Dietary energy supply, cereals/roots/tubers (%)	65	66	65
Prevalence of undernourishment (% of pop.)	25.4	23.6	20.0
Prev. of severe food insecurity (% of pop.)			9.1
Prev. moderate or severe food insecurity (% pop.)			40.7
GDP per capita (USD, PPP)	1 075	1 339	1 696
Cereal import dependency ratio (%)	10.1	7.2	12.6
Stunting, children under 5 (%)		42.4	27.3
Adult obesity (% of pop. 18 years and older)	1.7	2.6	4.5
At least basic drinking water (% pop. using)	54.9	52.3	47.9
Food supply			
Food production value (2004–06 mill. I\$)	1 165	1 663	2 188
Agriculture, value added (% GDP)	31.8	29.9	28.2
Food (excl. fish) exports (mill. USD)	31	62	357
Food (excl. fish) imports (mill. USD)	154	220	340
Production indices, gross (2004–06=100)			
Food	65	93	122
Crops	62	81	135
Cereals	60	91	120
Vegetable oils	62	89	206
Roots and tubers	67	63	103
Fruit and vegetables	95	102	119
Sugar	89	101	108
Livestock	69	103	90
Milk	72	105	173
Meat	68	102	76
Fish	87	113	241
Net trade (mln USD)			
Cereals and preparations	-83	-128	-189
Fruit and vegetables	-18	6	165
Meat and meat preparations	-3	-1	0
Dairy products (milk equivalent)	-22	-16	-17
Fish	-5	-5	-15
Environment			
Forest land area (% of total land area)	23.5	21.3	19.1
Agricultural land area (% of total land area)	36.0	40.1	44.2
Freshwater withdrawal (% total renewable)	5.3	6.1	
Terrestrial protected areas (% total land area)			14.9
Agriculture area under organic agric. (ha)		7	59
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	11 774	17 298	22 041
Net emissions in land use (CO ₂ eq. Gg)	11 616	11 010	8 812

Burundi

	1997	2007	2017
The setting			
Population, total (mill.)	6.1	7.9	11.2
Rural population, total (mill.)	5.6	7.2	9.8
Govt. expenditure on agric. (% total outlays)		1.2	2.8
Area harvested, crops (mill. ha)	1.1	1.1	1.3
Cropping intensity ratio	0.9	0.9	0.8
Total renew. water resources per cap. (m ³)	2 052	1 579	1 154
Land area equipped for irrigation (1 000 ha)	18	23	23
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	92.6	91.8	91.9
Employment in agriculture, female (%)	96.9	96.3	96.2
Fertilizers use, nitrogen, as N (1 000 t)	0.5	0.8	10.1
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.8	0.7	6.5
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.0	0.2	4.6
Agric. value added per worker (constant USD)	392	243	205
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	718	708	671
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)	63.1	57.7	55.9
Adult obesity (% of pop. 18 years and older)	1.9	2.7	4.4
At least basic drinking water (% pop. using)	50.7	54.7	60.8
Food supply			
Food production value (2004–06 mill. I\$)	943	1 007	1 233
Agriculture, value added (% GDP)	48.4	34.9	35.2
Food (excl. fish) exports (mill. USD)	0	1	9
Food (excl. fish) imports (mill. USD)	21	72	129
Production indices, gross (2004–06=100)			
Food	98	104	128
Crops	85	93	113
Cereals	100	103	127
Vegetable oils	65	185	241
Roots and tubers	98	95	218
Fruit and vegetables	93	107	91
Sugar	144	95	180
Livestock	79	114	135
Milk	114	136	239
Meat	67	110	106
Fish	151	84	152
Net trade (mln USD)			
Cereals and preparations	-12	-42	-69
Fruit and vegetables	-2	-12	-4
Meat and meat preparations	0	0	-3
Dairy products (milk equivalent)		-1	-1
Fish	0	0	-2
Environment			
Forest land area (% of total land area)	8.8	8.2	11.1
Agricultural land area (% of total land area)	76.0	67.5	79.2
Freshwater withdrawal (% total renewable)	2.3	2.3	
Terrestrial protected areas (% total land area)			7.6
Agriculture area under organic agric. (ha)		0	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	1 420	1 603	2 004
Net emissions in land use (CO ₂ eq. Gg)	8 928	-545	3 732

Cabo Verde

	1997	2007	2017
The setting			
Population, total (mill.)	0.4	0.5	0.5
Rural population, total (mill.)	0.2	0.2	0.2
Govt. expenditure on agric. (% total outlays)	9.1	5.0	2.4
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	1.6	1.3	1.3
Total renew. water resources per cap. (m ³)	735	617	549
Land area equipped for irrigation (1 000 ha)	3	4	4
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	19.3	14.8	13.6
Employment in agriculture, female (%)	11.9	9.1	8.3
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)	2 548	4 743	4 014
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 351	2 542	2 681
Average dietary energy supply adequacy (%)	106	110	113
Dietary energy supply, cereals/roots/tubers (%)	50	48	48
Prevalence of undernourishment (% of pop.)	17.9	14.0	12.6
Prev. of severe food insecurity (% of pop.)			9.6
Prev. moderate or severe food insecurity (% pop.)			37.7
GDP per capita (USD, PPP)	3 897	5 769	6 387
Cereal import dependency ratio (%)	83.9	85.3	88.9
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	5.3	7.1	10.6
At least basic drinking water (% pop. using)	78.8	81.4	87.1
Food supply			
Food production value (2004–06 mill. I\$)	30	48	40
Agriculture, value added (% GDP)	13.8	8.5	6.1
Food (excl. fish) exports (mill. USD)	0	0	0
Food (excl. fish) imports (mill. USD)	67	160	200
Production indices, gross (2004–06=100)			
Food	68	109	92
Crops	60	110	103
Cereals	73	66	80
Vegetable oils	84	100	118
Roots and tubers	61	103	88
Fruit and vegetables	62	118	97
Sugar	46	90	104
Livestock	78	107	79
Milk	76	101	75
Meat	73	111	72
Fish	55	114	106
Net trade (mln USD)			
Cereals and preparations	-25	-40	-47
Fruit and vegetables	-10	-30	-37
Meat and meat preparations	-2	-17	-24
Dairy products (milk equivalent)	-7	-33	-34
Fish	1	9	31
Environment			
Forest land area (% of total land area)	18.6	20.9	22.8
Agricultural land area (% of total land area)	17.9	18.9	19.6
Freshwater withdrawal (% total renewable)	6.8	6.8	
Terrestrial protected areas (% total land area)			2.9
Agriculture area under organic agric. (ha)			1
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	106	128	98
Net emissions in land use (CO ₂ eq. Gg)	-403	-73	-183

Cambodia

	1997	2007	2017
The setting			
Population, total (mill.)	11.3	13.7	16.2
Rural population, total (mill.)	9.3	11.0	12.4
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	2.3	3.3	4.0
Cropping intensity ratio	0.6	0.8	1.0
Total renew. water resources per cap. (m ³)	42 148	34 810	29 747
Land area equipped for irrigation (1 000 ha)	275	354	354
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	75.0	50.9	30.8
Employment in agriculture, female (%)	76.3	50.3	30.7
Fertilizers use, nitrogen, as N (1 000 t)	7.8	8.6	55.8
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	12.8	23.9	24.6
Fertilizers use, potassium, as K ₂ O (1 000 t)	1.0	0.8	4.3
Agric. value added per worker (constant USD)	578	887	1 588
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 114	2 389	2 477
Average dietary energy supply adequacy (%)	98	107	109
Dietary energy supply, cereals/roots/tubers (%)	78	72	71
Prevalence of undernourishment (% of pop.)	29.3	18.8	16.4
Prev. of severe food insecurity (% of pop.)			14.2
Prev. moderate or severe food insecurity (% pop.)			44.9
GDP per capita (USD, PPP)	1 385	2 332	3 654
Cereal import dependency ratio (%)	3.8	-0.8	-1.3
Stunting, children under 5 (%)	49.2	39.5	32.4
Adult obesity (% of pop. 18 years and older)	1.3	1.9	3.5
At least basic drinking water (% pop. using)	52.3	62.9	78.5
Food supply			
Food production value (2004–06 mill. I\$)	1 570	2 980	4 939
Agriculture, value added (% GDP)	44.4	29.7	23.4
Food (excl. fish) exports (mill. USD)	3	18	441
Food (excl. fish) imports (mill. USD)	72	256	1 138
Production indices, gross (2004–06=100)			
Food	63	120	199
Crops	62	124	221
Cereals	61	124	191
Vegetable oils	24	72	128
Roots and tubers	12	208	969
Fruit and vegetables	93	103	116
Sugar	144	220	528
Livestock	78	99	90
Milk	91	105	98
Meat	77	99	88
Fish	27	118	205
Net trade (mln USD)			
Cereals and preparations	-10	-60	96
Fruit and vegetables	-8	-26	270
Meat and meat preparations	0	-2	-7
Dairy products (milk equivalent)	-7	-26	-75
Fish	20	20	50
Environment			
Forest land area (% of total land area)	67.8	59.3	52.1
Agricultural land area (% of total land area)	25.9	30.3	31.5
Freshwater withdrawal (% total renewable)		0.5	
Terrestrial protected areas (% total land area)			26.0
Agriculture area under organic agric. (ha)		4	11
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	14 455	18 516	19 031
Net emissions in land use (CO ₂ eq. Gg)	27 843	25 404	29 205

Cameroon

	1997	2007	2017
The setting			
Population, total (mill.)	14.3	18.7	25.2
Rural population, total (mill.)	8.0	9.2	10.8
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	3.7	4.7	7.3
Cropping intensity ratio	0.5	0.7	0.9
Total renew. water resources per cap. (m ³)	19 986	15 390	11 769
Land area equipped for irrigation (1 000 ha)	26	29	29
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	67.0	59.8	46.6
Employment in agriculture, female (%)	70.2	66.0	52.2
Fertilizers use, nitrogen, as N (1 000 t)	20.8	22.3	46.5
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	9.8	6.9	9.9
Fertilizers use, potassium, as K ₂ O (1 000 t)	27.6	22.2	24.4
Agric. value added per worker (constant USD)	594	666	1 049
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 133	2 394	2 732
Average dietary energy supply adequacy (%)	97	109	123
Dietary energy supply, cereals/roots/tubers (%)	56	54	54
Prevalence of undernourishment (% of pop.)	30.8	16.2	9.9
Prev. of severe food insecurity (% of pop.)			44.2
Prev. moderate or severe food insecurity (% pop.)			71.2
GDP per capita (USD, PPP)	2 564	2 856	3 313
Cereal import dependency ratio (%)	28.4	28.7	30.9
Stunting, children under 5 (%)		36.4	31.7
Adult obesity (% of pop. 18 years and older)	4.9	6.6	9.5
At least basic drinking water (% pop. using)	59.2	60.1	60.4
Food supply			
Food production value (2004–06 mill. I\$)	2 369	4 074	6 440
Agriculture, value added (% GDP)	16.9	13.2	14.4
Food (excl. fish) exports (mill. USD)	268	377	658
Food (excl. fish) imports (mill. USD)	126	538	907
Production indices, gross (2004–06=100)			
Food	68	117	184
Crops	68	117	188
Cereals	67	126	226
Vegetable oils	58	119	142
Roots and tubers	66	113	193
Fruit and vegetables	67	121	212
Sugar	100	69	96
Livestock	78	105	126
Milk	92	106	107
Meat	75	105	129
Fish	75	102	172
Net trade (mln USD)			
Cereals and preparations	-58	-345	-607
Fruit and vegetables	47	53	51
Meat and meat preparations	-5	-11	-6
Dairy products (milk equivalent)	-16	-32	-43
Fish	-30	-125	-204
Environment			
Forest land area (% of total land area)	48.2	43.5	38.9
Agricultural land area (% of total land area)	19.4	19.5	20.6
Freshwater withdrawal (% total renewable)	0.3	0.3	
Terrestrial protected areas (% total land area)			10.6
Agriculture area under organic agric. (ha)		0	1
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	10 583	12 840	13 525
Net emissions in land use (CO ₂ eq. Gg)	113 774	117 081	119 577

Canada

	1997	2007	2017
The setting			
Population, total (mill.)	29.7	32.9	37.1
Rural population, total (mill.)	6.5	6.5	6.9
Govt. expenditure on agric. (% total outlays)		1.5	1.0
Area harvested, crops (mill. ha)	28.2	27.4	30.5
Cropping intensity ratio	0.7	0.7	0.8
Total renew. water resources per cap. (m ³)	97 047	87 886	79 238
Land area equipped for irrigation (1 000 ha)	1 105	1 200	1 378
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	3.0	2.0	1.5
Employment in agriculture, female (%)	2.0	1.3	1.0
Fertilizers use, nitrogen, as N (1 000 t)	1 643.0	2 068.0	2 471.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	656.3	744.0	1 023.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	335.9	253.4	427.0
Agric. value added per worker (constant USD)		61 157	93 110
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 502	3 473	3 522
Average dietary energy supply adequacy (%)	140	138	141
Dietary energy supply, cereals/roots/tubers (%)	28	28	28
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			0.6
Prev. moderate or severe food insecurity (% pop.)			5.0
GDP per capita (USD, PPP)	37 534	41 646	43 852
Cereal import dependency ratio (%)	-64.2	-69.1	-76.7
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	21.5	25.8	31.3
At least basic drinking water (% pop. using)	99.1	99.2	99.4
Food supply			
Food production value (2004–06 mill. I\$)	22 872	27 005	32 517
Agriculture, value added (% GDP)	2.3	1.4	1.6
Food (excl. fish) exports (mill. USD)	11 955	25 359	38 797
Food (excl. fish) imports (mill. USD)	7 340	15 625	24 444
Production indices, gross (2004–06=100)			
Food	85	100	121
Crops	88	97	151
Cereals	98	94	114
Vegetable oils	79	103	225
Roots and tubers	85	101	89
Fruit and vegetables	92	102	124
Sugar	86	103	69
Livestock	82	103	85
Milk	102	103	102
Meat	77	103	79
Fish	82	92	80
Net trade (mln USD)			
Cereals and preparations	3 764	5 649	6 811
Fruit and vegetables	-1 824	-2 531	-3 385
Meat and meat preparations	926	1 758	2 473
Dairy products (milk equivalent)	83	-217	-168
Fish	1 142	1 717	2 427
Environment			
Forest land area (% of total land area)	38.8	38.8	38.7
Agricultural land area (% of total land area)	6.8	6.7	6.4
Freshwater withdrawal (% total renewable)	1.5	1.4	1.2
Terrestrial protected areas (% total land area)			9.7
Agriculture area under organic agric. (ha)		556	1 192
Wood pellet production (1 000 t)		1 500	2 906
Emissions in agriculture (CO ₂ eq. Gg)	51 219	55 033	54 279
Net emissions in land use (CO ₂ eq. Gg)	47 317	168 338	81 660

Central African Republic

	1997	2007	2017
The setting			
Population, total (mill.)	3.4	4.2	4.7
Rural population, total (mill.)	2.2	2.6	2.8
Govt. expenditure on agric. (% total outlays)		1.3	
Area harvested, crops (mill. ha)	0.8	1.0	1.0
Cropping intensity ratio	0.4	0.5	0.5
Total renew. water resources per cap. (m ³)	40 091	32 975	30 264
Land area equipped for irrigation (1 000 ha)	1	1	1
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	70.5	70.5	73.1
Employment in agriculture, female (%)	73.4	73.1	75.3
Fertilizers use, nitrogen, as N (1 000 t)	0.0	0.3	0.1
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.0	0.2	0.1
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.1	0.1	0.2
Agric. value added per worker (constant USD)		656	385
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	1 967	2 085	1 754
Average dietary energy supply adequacy (%)	91	96	81
Dietary energy supply, cereals/roots/tubers (%)	55	54	57
Prevalence of undernourishment (% of pop.)	42.5	35.6	59.6
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	851	885	754
Cereal import dependency ratio (%)	20.4	18.0	18.7
Stunting, children under 5 (%)	44.6	45.1	
Adult obesity (% of pop. 18 years and older)	3.3	4.4	6.3
At least basic drinking water (% pop. using)	58.3	51.1	46.3
Food supply			
Food production value (2004–06 mill. I\$)	658	872	954
Agriculture, value added (% GDP)	42.7	40.8	31.0
Food (excl. fish) exports (mill. USD)	10	16	19
Food (excl. fish) imports (mill. USD)	20	33	83
Production indices, gross (2004–06=100)			
Food	81	108	118
Crops	100	107	115
Cereals	60	105	60
Vegetable oils	78	112	85
Roots and tubers	103	105	130
Fruit and vegetables	95	104	111
Sugar	86	104	114
Livestock	71	108	125
Milk	90	110	121
Meat	68	109	125
Fish	57	116	116
Net trade (mln USD)			
Cereals and preparations	-6	-17	-19
Fruit and vegetables	-3	-2	25
Meat and meat preparations	0	-1	-8
Dairy products (milk equivalent)	-1	-1	-4
Fish	-1	-2	-6
Environment			
Forest land area (% of total land area)	36.0	35.8	35.5
Agricultural land area (% of total land area)	8.2	8.4	8.2
Freshwater withdrawal (% total renewable)	0.0	0.1	
Terrestrial protected areas (% total land area)			18.1
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	17 939	21 707	21 648
Net emissions in land use (CO ₂ eq. Gg)	18 882	13 835	15 974

Chad

	1997	2007	2017
The setting			
Population, total (mill.)	7.5	10.8	15.5
Rural population, total (mill.)	5.9	8.4	11.8
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	2.8	3.5	4.9
Cropping intensity ratio	0.8	0.9	0.9
Total renew. water resources per cap. (m ³)	6 099	4 241	3 067
Land area equipped for irrigation (1 000 ha)	20	30	30
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	83.6	82.2	81.7
Employment in agriculture, female (%)	86.2	84.6	84.0
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)		1 613	1 405
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	1 985	2 026	2 123
Average dietary energy supply adequacy (%)	93	95	98
Dietary energy supply, cereals/roots/tubers (%)	58	64	69
Prevalence of undernourishment (% of pop.)	40.1	40.3	37.5
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	992	1 735	1 754
Cereal import dependency ratio (%)	4.8	8.1	7.3
Stunting, children under 5 (%)	39.3	38.7	39.9
Adult obesity (% of pop. 18 years and older)	2.4	3.2	4.8
At least basic drinking water (% pop. using)	41.4	40.3	38.7
Food supply			
Food production value (2004–06 mill. I\$)	1 026	1 381	2 088
Agriculture, value added (% GDP)	34.9	24.5	34.6
Food (excl. fish) exports (mill. USD)	60	60	60
Food (excl. fish) imports (mill. USD)	27	87	120
Production indices, gross (2004–06=100)			
Food	82	110	166
Crops	85	107	166
Cereals	57	123	161
Vegetable oils	84	104	224
Roots and tubers	79	100	143
Fruit and vegetables	100	101	108
Sugar	79	105	124
Livestock	91	106	148
Milk	87	104	314
Meat	92	107	116
Fish	111	107	140
Net trade (mln USD)			
Cereals and preparations	-18	-44	-41
Fruit and vegetables	0	-2	-3
Meat and meat preparations	1	0	-1
Dairy products (milk equivalent)	0	-6	-2
Fish	-1	0	-1
Environment			
Forest land area (% of total land area)	5.1	4.7	3.7
Agricultural land area (% of total land area)	38.6	38.9	39.9
Freshwater withdrawal (% total renewable)	1.9	1.9	
Terrestrial protected areas (% total land area)			20.4
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	16 240	20 111	64 763
Net emissions in land use (CO ₂ eq. Gg)	10 904	25 743	25 270

Chile

	1997	2007	2017
The setting			
Population, total (mill.)	14.8	16.5	18.7
Rural population, total (mill.)	2.2	2.2	2.3
Govt. expenditure on agric. (% total outlays)	1.8	1.9	1.6
Area harvested, crops (mill. ha)	1.3	1.1	1.3
Cropping intensity ratio	0.6	0.6	0.7
Total renew. water resources per cap. (m ³)	62 817	55 973	51 127
Land area equipped for irrigation (1 000 ha)	1 100	1 109	1 110
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	14.4	12.3	9.3
Employment in agriculture, female (%)	4.5	5.6	5.3
Fertilizers use, nitrogen, as N (1 000 t)	246.3	324.4	263.7
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	155.7	168.4	79.1
Fertilizers use, potassium, as K ₂ O (1 000 t)	105.8	181.2	30.3
Agric. value added per worker (constant USD)	5 443	9 212	11 800
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 834	2 944	3 074
Average dietary energy supply adequacy (%)	119	122	126
Dietary energy supply, cereals/roots/tubers (%)	44	43	43
Prevalence of undernourishment (% of pop.)	4.7	3.9	2.7
Prev. of severe food insecurity (% of pop.)			3.4
Prev. moderate or severe food insecurity (% pop.)			13.6
GDP per capita (USD, PPP)	14 241	18 529	22 297
Cereal import dependency ratio (%)	39.8	47.7	39.8
Stunting, children under 5 (%)	2.8	2.1	1.8
Adult obesity (% of pop. 18 years and older)	20.3	23.9	28.8
At least basic drinking water (% pop. using)	95.7	97.6	99.8
Food supply			
Food production value (2004–06 mill. I\$)	5 944	7 643	8 309
Agriculture, value added (% GDP)	4.9	3.7	3.8
Food (excl. fish) exports (mill. USD)	1 830	4 925	8 130
Food (excl. fish) imports (mill. USD)	926	2 544	4 649
Production indices, gross (2004–06=100)			
Food	79	102	111
Crops	79	97	110
Cereals	80	74	88
Vegetable oils	62	124	447
Roots and tubers	92	69	117
Fruit and vegetables	78	102	107
Sugar	115	69	75
Livestock	80	109	111
Milk	89	106	86
Meat	76	110	115
Fish	117	88	60
Net trade (mln USD)			
Cereals and preparations	-107	-560	-587
Fruit and vegetables	1 294	3 466	5 746
Meat and meat preparations	-133	173	-647
Dairy products (milk equivalent)	-14	110	-168
Fish	1 745	3 502	5 604
Environment			
Forest land area (% of total land area)	21.1	21.7	24.7
Agricultural land area (% of total land area)	20.5	21.2	21.2
Freshwater withdrawal (% total renewable)	2.2	3.8	
Terrestrial protected areas (% total land area)			18.5
Agriculture area under organic agric. (ha)		13	20
Wood pellet production (1 000 t)		20	137
Emissions in agriculture (CO ₂ eq. Gg)	11 419	11 772	9 678
Net emissions in land use (CO ₂ eq. Gg)	-12 126	-6 834	-104 805

China

	1997	2007	2017
The setting			
Population, total (mill.)	1 290.3	1 376.3	1 459.4
Rural population, total (mill.)	851.7	738.7	583.2
Govt. expenditure on agric. (% total outlays)		2.7	2.4
Area harvested, crops (mill. ha)	159.9	163.2	186.7
Cropping intensity ratio	1.2	1.3	1.4
Total renew. water resources per cap. (m ³)	2 206	2 077	1 971
Land area equipped for irrigation (1 000 ha)	53 544	63 603	73 678
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	49.1	40.1	26.5
Employment in agriculture, female (%)	46.2	37.1	24.0
Fertilizers use, nitrogen, as N (1 000 t)	25 258.5	28 166.9	29 781.9
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	10 387.8	10 447.2	12 451.8
Fertilizers use, potassium, as K ₂ O (1 000 t)	4 869.6	8 442.9	10 761.7
Agric. value added per worker (constant USD)	1 024	1 647	3 654
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 802	2 929	3 224
Average dietary energy supply adequacy (%)	116	119	132
Dietary energy supply, cereals/roots/tubers (%)	60	53	51
Prevalence of undernourishment (% of pop.)	15.9	14.1	8.5
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	3 859	7 490	15 506
Cereal import dependency ratio (%)	0.0	0.5	3.4
Stunting, children under 5 (%)	17.8	9.8	8.1
Adult obesity (% of pop. 18 years and older)	2.3	3.7	6.6
At least basic drinking water (% pop. using)	80.5	86.2	92.9
Food supply			
Food production value (2004–06 mill. I\$)	323 481	468 779	616 893
Agriculture, value added (% GDP)	18.1	10.6	8.2
Food (excl. fish) exports (mill. USD)	11 959	23 281	48 503
Food (excl. fish) imports (mill. USD)	15 782	37 928	118 555
Production indices, gross (2004–06=100)			
Food	74	108	142
Crops	77	108	145
Cereals	106	105	136
Vegetable oils	77	91	109
Roots and tubers	95	91	121
Fruit and vegetables	55	112	162
Sugar	101	124	115
Livestock	72	108	131
Milk	34	125	109
Meat	74	107	128
Fish	76	108	145
Net trade (mln USD)			
Cereals and preparations	-1 183	-497	-12 541
Fruit and vegetables	1 331	7 381	10 884
Meat and meat preparations	240	-1 776	-12 568
Dairy products (milk equivalent)	-622	-1 302	-6 552
Fish	1 754	4 739	9 845
Environment			
Forest land area (% of total land area)	18.1	20.8	22.4
Agricultural land area (% of total land area)	55.6	54.7	56.1
Freshwater withdrawal (% total renewable)	18.5	20.1	20.9
Terrestrial protected areas (% total land area)			
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	606 954	643 439	678 469
Net emissions in land use (CO ₂ eq. Gg)	-320 510	-392 743	-310 154

Colombia

	1997	2007	2017
The setting			
Population, total (mill.)	37.7	43.7	49.7
Rural population, total (mill.)	10.6	10.3	9.5
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	3.9	4.1	4.4
Cropping intensity ratio	0.9	1.1	1.1
Total renew. water resources per cap. (m ³)	61 069	53 183	48 098
Land area equipped for irrigation (1 000 ha)	900	1 000	1 090
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	22.8	18.4	16.5
Employment in agriculture, female (%)	6.8	6.0	7.7
Fertilizers use, nitrogen, as N (1 000 t)	356.7	574.6	697.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	118.3	285.6	222.9
Fertilizers use, potassium, as K ₂ O (1 000 t)	208.3	227.2	397.2
Agric. value added per worker (constant USD)	4 134	5 437	5 997
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 786	2 794	3 099
Average dietary energy supply adequacy (%)	122	120	132
Dietary energy supply, cereals/roots/tubers (%)	36	35	34
Prevalence of undernourishment (% of pop.)	9.7	9.3	4.8
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	8 413	10 389	13 186
Cereal import dependency ratio (%)	54.3	61.6	63.8
Stunting, children under 5 (%)	18.1	16.2	
Adult obesity (% of pop. 18 years and older)	14.0	17.3	22.1
At least basic drinking water (% pop. using)	90.9	93.8	97.3
Food supply			
Food production value (2004–06 mill. I\$)	10 036	13 037	15 721
Agriculture, value added (% GDP)	8.1	7.1	6.5
Food (excl. fish) exports (mill. USD)	1 026	2 356	2 765
Food (excl. fish) imports (mill. USD)	1 317	2 271	4 069
Production indices, gross (2004–06=100)			
Food	82	106	128
Crops	84	104	128
Cereals	80	97	116
Vegetable oils	67	115	162
Roots and tubers	113	124	138
Fruit and vegetables	73	107	150
Sugar	92	90	88
Livestock	81	109	125
Milk	84	103	109
Meat	81	113	130
Fish	109	107	106
Net trade (mln USD)			
Cereals and preparations	-617	-1 188	-1 557
Fruit and vegetables	336	512	650
Meat and meat preparations	-44	291	-231
Dairy products (milk equivalent)	-52	31	-87
Fish	107	15	-264
Environment			
Forest land area (% of total land area)	56.4	53.7	52.7
Agricultural land area (% of total land area)	40.6	38.2	40.3
Freshwater withdrawal (% total renewable)	0.4	0.5	0.5
Terrestrial protected areas (% total land area)			14.8
Agriculture area under organic agric. (ha)		44	32
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	53 344	58 754	52 348
Net emissions in land use (CO ₂ eq. Gg)	146 133	163 629	40 495

Comoros

	1997	2007	2017
The setting			
Population, total (mill.)	0.5	0.6	0.8
Rural population, total (mill.)	0.4	0.5	0.6
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	0.8	0.9	1.0
Total renew. water resources per cap. (m ³)	2 390	1 870	1 474
Land area equipped for irrigation (1 000 ha)	0	0	0
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	55.6	56.0	57.1
Employment in agriculture, female (%)	63.5	63.0	63.3
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)	3 066	2 959	2 474
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 201	2 353	2 332
Average dietary energy supply adequacy (%)	103	108	105
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	2 389	2 341	2 501
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)	46.9	32.1	32.1
Adult obesity (% of pop. 18 years and older)	3.4	4.6	6.9
At least basic drinking water (% pop. using)	90.9	85.9	80.2
Food supply			
Food production value (2004–06 mill. I\$)	61	72	67
Agriculture, value added (% GDP)	30.4	29.0	29.5
Food (excl. fish) exports (mill. USD)	3	8	48
Food (excl. fish) imports (mill. USD)	22	46	79
Production indices, gross (2004–06=100)			
Food	91	108	101
Crops	90	108	100
Cereals	93	93	179
Vegetable oils	91	104	126
Roots and tubers	87	105	114
Fruit and vegetables	83	107	45
Sugar			
Livestock	98	105	109
Milk	102	106	107
Meat	95	105	112
Fish	117	134	159
Net trade (mln USD)			
Cereals and preparations	-11	-18	-30
Fruit and vegetables	-1	-2	-3
Meat and meat preparations	-4	-14	-25
Dairy products (milk equivalent)	-2	-2	-2
Fish	0	0	-4
Environment			
Forest land area (% of total land area)	24.8	21.9	19.5
Agricultural land area (% of total land area)	67.7	71.5	70.4
Freshwater withdrawal (% total renewable)	0.8	0.8	
Terrestrial protected areas (% total land area)			10.2
Agriculture area under organic agric. (ha)		1	1
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	184	182	262
Net emissions in land use (CO ₂ eq. Gg)	38	75	74

Congo

	1997	2007	2017
The setting			
Population, total (mill.)	2.9	3.9	5.2
Rural population, total (mill.)	1.3	1.5	1.8
Govt. expenditure on agric. (% total outlays)		1.3	2.2
Area harvested, crops (mill. ha)	0.2	0.3	0.4
Cropping intensity ratio	0.4	0.6	0.6
Total renew. water resources per cap. (m ³)	280 891	209 256	158 145
Land area equipped for irrigation (1 000 ha)	2	2	2
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	40.8	39.5	36.0
Employment in agriculture, female (%)	42.2	40.6	36.7
Fertilizers use, nitrogen, as N (1 000 t)		0.1	0.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)		0.1	0.4
Fertilizers use, potassium, as K ₂ O (1 000 t)		0.0	0.6
Agric. value added per worker (constant USD)	774	821	1 046
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 103	2 013	2 016
Average dietary energy supply adequacy (%)	95	91	91
Dietary energy supply, cereals/roots/tubers (%)	61	58	60
Prevalence of undernourishment (% of pop.)	36.8	42.2	40.3
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	4 621	4 757	5 103
Cereal import dependency ratio (%)	100.0	80.8	91.7
Stunting, children under 5 (%)		31.2	21.2
Adult obesity (% of pop. 18 years and older)	4.3	5.8	8.4
At least basic drinking water (% pop. using)	57.2	62.7	73.2
Food supply			
Food production value (2004–06 mill. I\$)	249	361	475
Agriculture, value added (% GDP)	11.1	4.9	7.1
Food (excl. fish) exports (mill. USD)	17	13	7
Food (excl. fish) imports (mill. USD)	102	247	510
Production indices, gross (2004–06=100)			
Food	76	110	145
Crops	80	107	133
Cereals	53	97	140
Vegetable oils	82	116	91
Roots and tubers	79	112	147
Fruit and vegetables	82	105	123
Sugar	71	91	118
Livestock	60	119	182
Milk	84	101	121
Meat	60	119	184
Fish	67	104	167
Net trade (mln USD)			
Cereals and preparations	-39	-101	-163
Fruit and vegetables	-8	-11	-27
Meat and meat preparations	-18	-61	-205
Dairy products (milk equivalent)	-12	-24	-20
Fish	-18	-11	-65
Environment			
Forest land area (% of total land area)	66.2	65.7	65.3
Agricultural land area (% of total land area)	30.9	30.9	31.1
Freshwater withdrawal (% total renewable)	0.0	0.0	
Terrestrial protected areas (% total land area)			40.7
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	1 232	2 492	2 407
Net emissions in land use (CO ₂ eq. Gg)	15 352	32 691	38 564

Cook Islands

	1997	2007	2017
The setting			
Population, total (mill.)	0.0	0.0	0.0
Rural population, total (mill.)	0.0	0.0	0.0
Govt. expenditure on agric. (% total outlays)		3.7	3.0
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.6	0.7	1.1
Total renew. water resources per cap. (m ³)			
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)			
Employment in agriculture, female (%)			
Fertilizers use, nitrogen, as N (1 000 t)	0.0	0.0	0.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.0	0.0	0.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.0	0.0	0.0
Agric. value added per worker (constant USD)			
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)			
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	43.1	49.5	55.3
At least basic drinking water (% pop. using)			
Food supply			
Food production value (2004–06 mill. I\$)	5	3	2
Agriculture, value added (% GDP)	9.6	5.9	6.5
Food (excl. fish) exports (mill. USD)	0	1	1
Food (excl. fish) imports (mill. USD)	10	19	29
Production indices, gross (2004–06=100)			
Food	195	102	88
Crops	236	102	80
Cereals			
Vegetable oils	236	94	83
Roots and tubers	122	99	59
Fruit and vegetables	298	105	91
Sugar			
Livestock	121	102	104
Milk			
Meat	117	101	103
Fish	22	108	104
Net trade (mln USD)			
Cereals and preparations			-3
Fruit and vegetables	-1	-2	-4
Meat and meat preparations			-9
Dairy products (milk equivalent)			-3
Fish	0	0	9
Environment			
Forest land area (% of total land area)	62.0	62.9	62.9
Agricultural land area (% of total land area)	20.8	9.1	6.3
Freshwater withdrawal (% total renewable)			
Terrestrial protected areas (% total land area)			
Agriculture area under organic agric. (ha)		0	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	18	14	14
Net emissions in land use (CO ₂ eq. Gg)	-37	-37	0

Costa Rica

	1997	2007	2017
The setting			
Population, total (mill.)	3.7	4.4	5.0
Rural population, total (mill.)	1.6	1.4	1.0
Govt. expenditure on agric. (% total outlays)	2.5	5.2	1.5
Area harvested, crops (mill. ha)	0.5	0.5	0.5
Cropping intensity ratio	0.9	1.0	0.9
Total renew. water resources per cap. (m ³)	30 682	25 864	23 033
Land area equipped for irrigation (1 000 ha)	103	102	102
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	16.2	13.3	12.6
Employment in agriculture, female (%)	3.7	5.0	4.5
Fertilizers use, nitrogen, as N (1 000 t)	54.9	74.2	90.7
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	23.4	24.6	20.5
Fertilizers use, potassium, as K ₂ O (1 000 t)	47.5	72.9	48.9
Agric. value added per worker (constant USD)	7 754	9 495	10 396
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 801	2 858	2 915
Average dietary energy supply adequacy (%)	118	118	119
Dietary energy supply, cereals/roots/tubers (%)	35	33	32
Prevalence of undernourishment (% of pop.)	5.1	5.0	4.8
Prev. of severe food insecurity (% of pop.)			5.2
Prev. moderate or severe food insecurity (% pop.)			23.2
GDP per capita (USD, PPP)	9 786	12 334	15 430
Cereal import dependency ratio (%)	79.0	88.5	85.0
Stunting, children under 5 (%)		5.6	
Adult obesity (% of pop. 18 years and older)	13.8	18.5	25.7
At least basic drinking water (% pop. using)	94.1	97.2	99.7
Food supply			
Food production value (2004–06 mill. I\$)	1 921	2 587	3 208
Agriculture, value added (% GDP)	12.6	8.0	5.4
Food (excl. fish) exports (mill. USD)	1 222	2 264	4 187
Food (excl. fish) imports (mill. USD)	355	843	1 671
Production indices, gross (2004–06=100)			
Food	80	108	134
Crops	81	107	133
Cereals	134	96	79
Vegetable oils	58	106	176
Roots and tubers	65	84	121
Fruit and vegetables	76	108	141
Sugar	91	108	97
Livestock	84	110	127
Milk	76	110	146
Meat	87	113	116
Fish	78	106	82
Net trade (mln USD)			
Cereals and preparations	-123	-285	-343
Fruit and vegetables	906	1 469	2 607
Meat and meat preparations	30	29	-46
Dairy products (milk equivalent)	5	31	87
Fish	203	62	-67
Environment			
Forest land area (% of total land area)	47.6	49.7	55.2
Agricultural land area (% of total land area)	38.2	35.3	34.7
Freshwater withdrawal (% total renewable)		2.1	2.8
Terrestrial protected areas (% total land area)			27.6
Agriculture area under organic agric. (ha)		8	9
Wood pellet production (1 000 t)		30	22
Emissions in agriculture (CO ₂ eq. Gg)	3 702	3 136	3 695
Net emissions in land use (CO ₂ eq. Gg)	6 316	-7 444	-10 955

Côte d'Ivoire

	1997	2007	2017
The setting			
Population, total (mill.)	15.1	19.2	25.1
Rural population, total (mill.)	9.0	10.3	12.3
Govt. expenditure on agric. (% total outlays)		2.4	5.1
Area harvested, crops (mill. ha)	6.0	7.5	12.9
Cropping intensity ratio	0.9	1.0	1.6
Total renew. water resources per cap. (m ³)	5 447	4 408	3 463
Land area equipped for irrigation (1 000 ha)	73	73	73
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	48.3	46.7	48.4
Employment in agriculture, female (%)	43.4	41.5	40.6
Fertilizers use, nitrogen, as N (1 000 t)	30.0	25.9	33.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	27.3	15.8	43.8
Fertilizers use, potassium, as K ₂ O (1 000 t)	29.6	27.9	60.6
Agric. value added per worker (constant USD)		2 198	2 488
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 539	2 606	2 713
Average dietary energy supply adequacy (%)	115	119	123
Dietary energy supply, cereals/roots/tubers (%)	65	66	66
Prevalence of undernourishment (% of pop.)	20.4	20.5	19.0
Prev. of severe food insecurity (% of pop.)			28.6
Prev. moderate or severe food insecurity (% pop.)			58.1
GDP per capita (USD, PPP)	2 989	2 651	3 565
Cereal import dependency ratio (%)	43.5	50.9	53.5
Stunting, children under 5 (%)		39.0	21.6
Adult obesity (% of pop. 18 years and older)	4.3	6.1	9.0
At least basic drinking water (% pop. using)	70.8	71.7	72.9
Food supply			
Food production value (2004–06 mill. I\$)	4 248	5 216	8 144
Agriculture, value added (% GDP)	23.1	22.0	21.6
Food (excl. fish) exports (mill. USD)	1 786	2 594	6 562
Food (excl. fish) imports (mill. USD)	400	784	1 274
Production indices, gross (2004–06=100)			
Food	82	101	158
Crops	85	100	161
Cereals	86	87	254
Vegetable oils	91	106	146
Roots and tubers	81	105	152
Fruit and vegetables	96	100	110
Sugar	87	113	123
Livestock	83	105	139
Milk	80	104	115
Meat	84	106	137
Fish	131	94	156
Net trade (mln USD)			
Cereals and preparations	-186	-465	-810
Fruit and vegetables	147	232	1 333
Meat and meat preparations	-20	-70	-84
Dairy products (milk equivalent)	-42	-42	-62
Fish	71	-108	-310
Environment			
Forest land area (% of total land area)	32.4	32.7	32.7
Agricultural land area (% of total land area)	61.9	64.8	66.7
Freshwater withdrawal (% total renewable)	1.5	1.8	1.4
Terrestrial protected areas (% total land area)			22.9
Agriculture area under organic agric. (ha)		1	50
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	5 144	5 779	6 557
Net emissions in land use (CO ₂ eq. Gg)	-4 482	7 905	7 453

Croatia

	1997	2007	2017
The setting			
Population, total (mill.)	4.5	4.4	4.2
Rural population, total (mill.)	2.1	2.0	1.8
Govt. expenditure on agric. (% total outlays)	2.6	3.4	4.5
Area harvested, crops (mill. ha)	0.9	0.8	0.8
Cropping intensity ratio	0.8	0.9	0.9
Total renew. water resources per cap. (m ³)	23 279	24 186	25 185
Land area equipped for irrigation (1 000 ha)	2	13	29
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	17.8	12.4	7.0
Employment in agriculture, female (%)	19.0	13.6	5.1
Fertilizers use, nitrogen, as N (1 000 t)	129.8	212.4	98.4
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	39.9	77.7	34.1
Fertilizers use, potassium, as K ₂ O (1 000 t)	50.8	59.3	42.0
Agric. value added per worker (constant USD)	6 547	10 815	15 731
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 612	3 085	3 118
Average dietary energy supply adequacy (%)	105	123	125
Dietary energy supply, cereals/roots/tubers (%)	38	31	32
Prevalence of undernourishment (% of pop.)	10.4	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			0.9
Prev. moderate or severe food insecurity (% pop.)			7.8
GDP per capita (USD, PPP)	15 591	22 195	22 835
Cereal import dependency ratio (%)	-1.9	-4.1	-11.6
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	19.2	22.3	27.1
At least basic drinking water (% pop. using)	98.4	99.0	99.6
Food supply			
Food production value (2004–06 mill. I\$)	1 478	1 653	1 615
Agriculture, value added (% GDP)	5.5	3.7	3.0
Food (excl. fish) exports (mill. USD)	285	861	1 614
Food (excl. fish) imports (mill. USD)	597	1 512	2 360
Production indices, gross (2004–06=100)			
Food	92	103	101
Crops	97	101	105
Cereals	105	84	87
Vegetable oils	39	91	188
Roots and tubers	234	112	59
Fruit and vegetables	88	114	117
Sugar	67	114	93
Livestock	83	110	92
Milk	79	111	84
Meat	87	113	96
Fish	44	115	183
Net trade (mln USD)			
Cereals and preparations	-38	-35	21
Fruit and vegetables	-142	-308	-365
Meat and meat preparations	-57	-128	-316
Dairy products (milk equivalent)	2	-50	-183
Fish	14	24	39
Environment			
Forest land area (% of total land area)	33.5	34.1	34.0
Agricultural land area (% of total land area)	34.7	21.5	26.5
Freshwater withdrawal (% total renewable)		0.6	0.6
Terrestrial protected areas (% total land area)			38.3
Agriculture area under organic agric. (ha)		8	97
Wood pellet production (1 000 t)		166	287
Emissions in agriculture (CO ₂ eq. Gg)	3 163	3 532	2 516
Net emissions in land use (CO ₂ eq. Gg)	-11 596	-9 474	-3 836

Cuba

	1997	2007	2017
The setting			
Population, total (mill.)	11.0	11.3	11.3
Rural population, total (mill.)	2.8	2.7	2.6
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	2.5	1.5	1.4
Cropping intensity ratio	0.6	0.4	0.4
Total renew. water resources per cap. (m ³)	3 461	3 372	3 319
Land area equipped for irrigation (1 000 ha)	870	630	560
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	25.1	18.7	18.4
Employment in agriculture, female (%)	12.9	8.6	7.7
Fertilizers use, nitrogen, as N (1 000 t)	67.3	51.8	67.9
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	20.6	22.7	21.4
Fertilizers use, potassium, as K ₂ O (1 000 t)	56.8	53.0	39.9
Agric. value added per worker (constant USD)	2 281	2 680	3 037
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 002	3 210	3 409
Average dietary energy supply adequacy (%)	124	131	139
Dietary energy supply, cereals/roots/tubers (%)	43	46	45
Prevalence of undernourishment (% of pop.)	3.7	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)			
Cereal import dependency ratio (%)	72.8	76.6	72.2
Stunting, children under 5 (%)	7.0		
Adult obesity (% of pop. 18 years and older)	17.5	21.4	26.7
At least basic drinking water (% pop. using)	93.0	94.1	95.3
Food supply			
Food production value (2004–06 mill. I\$)	2 823	2 965	3 142
Agriculture, value added (% GDP)	7.2	3.9	3.8
Food (excl. fish) exports (mill. USD)	905	238	526
Food (excl. fish) imports (mill. USD)	672	1 575	1 963
Production indices, gross (2004–06=100)			
Food	89	93	99
Crops	84	86	89
Cereals	117	102	98
Vegetable oils	65	95	54
Roots and tubers	38	89	82
Fruit and vegetables	35	86	83
Sugar	251	77	104
Livestock	111	125	140
Milk	152	114	126
Meat	104	132	150
Fish	205	122	96
Net trade (mln USD)			
Cereals and preparations	-325	-673	-776
Fruit and vegetables	-57	-132	-147
Meat and meat preparations	-67	-232	-365
Dairy products (milk equivalent)	-80	-188	-199
Fish	81	34	61
Environment			
Forest land area (% of total land area)	21.6	26.2	31.8
Agricultural land area (% of total land area)	62.3	62.2	60.6
Freshwater withdrawal (% total renewable)	13.7	13.0	18.3
Terrestrial protected areas (% total land area)			16.6
Agriculture area under organic agric. (ha)		14	6
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	11 327	9 418	9 597
Net emissions in land use (CO ₂ eq. Gg)	-34 751	37 767	-13 907

Cyprus

	1997	2007	2017
The setting			
Population, total (mill.)	0.9	1.1	1.2
Rural population, total (mill.)	0.3	0.3	0.4
Govt. expenditure on agric. (% total outlays)	6.2	3.0	1.9
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	0.7	0.6	0.5
Total renew. water resources per cap. (m ³)	875	733	661
Land area equipped for irrigation (1 000 ha)	40	46	46
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	8.3	4.4	2.5
Employment in agriculture, female (%)	7.7	2.4	1.1
Fertilizers use, nitrogen, as N (1 000 t)	8.6	6.3	8.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	5.7	4.5	5.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	1.6	1.2	3.7
Agric. value added per worker (constant USD)	18 921	25 437	31 041
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 777	2 719	2 686
Average dietary energy supply adequacy (%)	111	107	106
Dietary energy supply, cereals/roots/tubers (%)	27	25	28
Prevalence of undernourishment (% of pop.)	3.5	5.1	5.6
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	29 368	35 630	33 048
Cereal import dependency ratio (%)	100.0	100.0	100.0
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	16.5	19.0	22.6
At least basic drinking water (% pop. using)	100.0	99.9	99.6
Food supply			
Food production value (2004–06 mill. I\$)	414	375	338
Agriculture, value added (% GDP)	3.9	2.0	1.8
Food (excl. fish) exports (mill. USD)	118	224	342
Food (excl. fish) imports (mill. USD)	281	685	774
Production indices, gross (2004–06=100)			
Food	100	90	81
Crops	100	83	65
Cereals	60	78	66
Vegetable oils	46	66	60
Roots and tubers	60	113	98
Fruit and vegetables	116	79	60
Sugar			
Livestock	99	96	94
Milk	90	92	119
Meat	103	97	84
Fish	44	8	15
Net trade (mln USD)			
Cereals and preparations	-125	-235	-217
Fruit and vegetables	45	31	-17
Meat and meat preparations	-7	-57	-109
Dairy products (milk equivalent)	-9	-24	101
Fish	-29	-48	-70
Environment			
Forest land area (% of total land area)	18.2	18.7	18.7
Agricultural land area (% of total land area)	15.4	15.9	13.4
Freshwater withdrawal (% total renewable)	26.7	21.0	28.0
Terrestrial protected areas (% total land area)			18.7
Agriculture area under organic agric. (ha)		2	6
Wood pellet production (1 000 t)		0	0
Emissions in agriculture (CO ₂ eq. Gg)	415	403	392
Net emissions in land use (CO ₂ eq. Gg)	-73	-403	-293

Czechia

	1997	2007	2017
The setting			
Population, total (mill.)	10.3	10.4	10.7
Rural population, total (mill.)	2.6	2.7	2.8
Govt. expenditure on agric. (% total outlays)	2.5	3.7	3.5
Area harvested, crops (mill. ha)	2.3	2.2	2.0
Cropping intensity ratio	0.7	0.7	0.8
Total renew. water resources per cap. (m ³)	1 272	1 270	1 238
Land area equipped for irrigation (1 000 ha)	35	39	46
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	5.8	3.6	2.8
Employment in agriculture, female (%)	4.3	2.5	1.8
Fertilizers use, nitrogen, as N (1 000 t)	191.8	237.9	366.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	41.4	49.0	55.3
Fertilizers use, potassium, as K ₂ O (1 000 t)	30.6	33.1	33.9
Agric. value added per worker (constant USD)	11 171	16 268	25 295
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 122	3 269	3 226
Average dietary energy supply adequacy (%)	121	127	127
Dietary energy supply, cereals/roots/tubers (%)	30	31	31
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			<0.5
Prev. moderate or severe food insecurity (% pop.)			3.8
GDP per capita (USD, PPP)	21 194	28 844	32 571
Cereal import dependency ratio (%)	-12.8	-27.0	-45.2
Stunting, children under 5 (%)	2.6		
Adult obesity (% of pop. 18 years and older)	22.1	24.7	28.5
At least basic drinking water (% pop. using)	99.8	99.8	99.9
Food supply			
Food production value (2004–06 mill. I\$)	4 593	4 239	4 064
Agriculture, value added (% GDP)	3.3	2.0	2.1
Food (excl. fish) exports (mill. USD)	761	3 434	5 308
Food (excl. fish) imports (mill. USD)	1 107	4 397	6 645
Production indices, gross (2004–06=100)			
Food	108	99	95
Crops	104	96	103
Cereals	90	94	100
Vegetable oils	59	109	116
Roots and tubers	164	96	81
Fruit and vegetables	204	102	96
Sugar	109	85	129
Livestock	111	102	89
Milk	101	114	112
Meat	114	94	74
Fish	85	101	103
Net trade (mln USD)			
Cereals and preparations	-63	153	607
Fruit and vegetables	-326	-967	-1 299
Meat and meat preparations	11	-461	-934
Dairy products (milk equivalent)	124	273	179
Fish	-62	-98	-157
Environment			
Forest land area (% of total land area)	34.1	34.3	34.6
Agricultural land area (% of total land area)	55.4	55.0	45.6
Freshwater withdrawal (% total renewable)	19.0	15.0	12.4
Terrestrial protected areas (% total land area)			22.2
Agriculture area under organic agric. (ha)		282	505
Wood pellet production (1 000 t)		157	450
Emissions in agriculture (CO ₂ eq. Gg)	7 203	5 880	6 492
Net emissions in land use (CO ₂ eq. Gg)	-12 559	-6 845	-12 566

Democratic People's Republic of Korea

	1997	2007	2017
The setting			
Population, total (mill.)	22.3	24.2	25.5
Rural population, total (mill.)	9.1	9.7	9.8
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	2.7	2.8	2.6
Cropping intensity ratio	1.1	1.1	1.0
Total renew. water resources per cap. (m ³)	3 454	3 188	3 027
Land area equipped for irrigation (1 000 ha)	1 460	1 460	1 460
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	60.0	60.1	59.9
Employment in agriculture, female (%)	64.7	65.0	64.9
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)			
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 118	2 115	2 019
Average dietary energy supply adequacy (%)	90	89	84
Dietary energy supply, cereals/roots/tubers (%)	68	68	68
Prevalence of undernourishment (% of pop.)	37.5	39.3	47.8
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)			
Cereal import dependency ratio (%)	41.2	13.8	13.6
Stunting, children under 5 (%)	51.0	32.4	27.9
Adult obesity (% of pop. 18 years and older)	4.0	5.2	7.1
At least basic drinking water (% pop. using)	99.3	98.1	94.5
Food supply			
Food production value (2004–06 mill. I\$)	2 642	3 464	3 763
Agriculture, value added (% GDP)	28.9	21.2	22.8
Food (excl. fish) exports (mill. USD)	27	4	93
Food (excl. fish) imports (mill. USD)	412	458	404
Production indices, gross (2004–06=100)			
Food	70	92	100
Crops	77	92	100
Cereals	62	82	102
Vegetable oils	103	101	68
Roots and tubers	42	94	89
Fruit and vegetables	92	97	101
Sugar			
Livestock	46	95	104
Milk	87	107	92
Meat	42	97	105
Fish	114	100	104
Net trade (mln USD)			
Cereals and preparations	-306	-351	-81
Fruit and vegetables	26	-10	0
Meat and meat preparations	-4	-2	-14
Dairy products (milk equivalent)			-9
Fish	50	-38	59
Environment			
Forest land area (% of total land area)	60.7	50.2	39.7
Agricultural land area (% of total land area)	21.2	21.6	21.8
Freshwater withdrawal (% total renewable)		11.2	
Terrestrial protected areas (% total land area)			2.4
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	5 059	4 724	4 436
Net emissions in land use (CO ₂ eq. Gg)	12 526	14 059	14 025

Democratic Republic of the Congo

	1997	2007	2017
The setting			
Population, total (mill.)	43.8	58.5	84.1
Rural population, total (mill.)	29.0	35.9	46.7
Govt. expenditure on agric. (% total outlays)		1.8	10.9
Area harvested, crops (mill. ha)	6.2	6.0	11.3
Cropping intensity ratio	0.8	0.8	0.8
Total renew. water resources per cap. (m ³)	29 272	21 962	15 773
Land area equipped for irrigation (1 000 ha)	11	11	11
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	72.6	71.1	68.8
Employment in agriculture, female (%)	80.7	79.2	76.9
Fertilizers use, nitrogen, as N (1 000 t)		2.9	16.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)		0.5	1.5
Fertilizers use, potassium, as K ₂ O (1 000 t)		0.8	3.6
Agric. value added per worker (constant USD)	371	279	322
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)			1 840
Average dietary energy supply adequacy (%)		34	87
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	573	623	808
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)	44.4	45.8	42.6
Adult obesity (% of pop. 18 years and older)	2.6	3.6	5.6
At least basic drinking water (% pop. using)	33.9	37.8	43.2
Food supply			
Food production value (2004–06 mill. I\$)	3 831	3 733	6 774
Agriculture, value added (% GDP)	47.5	21.6	19.9
Food (excl. fish) exports (mill. USD)	7	5	35
Food (excl. fish) imports (mill. USD)	222	565	878
Production indices, gross (2004–06=100)			
Food	104	101	184
Crops	105	102	192
Cereals	101	100	211
Vegetable oils	100	104	139
Roots and tubers	107	101	205
Fruit and vegetables	98	101	197
Sugar	113	111	146
Livestock	104	100	107
Milk	96	100	149
Meat	104	100	107
Fish	69	100	101
Net trade (mln USD)			
Cereals and preparations	-115	-218	-272
Fruit and vegetables	-18	-36	-46
Meat and meat preparations	-36	-82	-174
Dairy products (milk equivalent)	-13	-55	-31
Fish	-45	-85	-135
Environment			
Forest land area (% of total land area)	69.8	68.4	67.0
Agricultural land area (% of total land area)	11.3	11.3	13.9
Freshwater withdrawal (% total renewable)	0.0	0.1	
Terrestrial protected areas (% total land area)			13.8
Agriculture area under organic agric. (ha)		6	61
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	17 922	23 372	23 784
Net emissions in land use (CO ₂ eq. Gg)	176 009	159 933	164 840

Denmark

	1997	2007	2017
The setting			
Population, total (mill.)	5.3	5.5	5.8
Rural population, total (mill.)	0.8	0.7	0.7
Govt. expenditure on agric. (% total outlays)	0.3	0.3	0.4
Area harvested, crops (mill. ha)	1.9	1.7	1.7
Cropping intensity ratio	0.8	0.7	0.7
Total renew. water resources per cap. (m ³)	1 137	1 097	1 046
Land area equipped for irrigation (1 000 ha)	476	435	304
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	3.7	3.0	2.2
Employment in agriculture, female (%)	1.7	1.6	1.0
Fertilizers use, nitrogen, as N (1 000 t)	158.4	192.9	219.4
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	5.4	40.7	32.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	58.3	94.8	63.5
Agric. value added per worker (constant USD)	35 424	48 866	71 381
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 327	3 393	3 280
Average dietary energy supply adequacy (%)	131	133	129
Dietary energy supply, cereals/roots/tubers (%)	28	29	28
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			1.0
Prev. moderate or severe food insecurity (% pop.)			5.3
GDP per capita (USD, PPP)	42 338	46 374	47 270
Cereal import dependency ratio (%)	-16.1	-2.2	-11.2
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	15.1	17.9	21.3
At least basic drinking water (% pop. using)	100.0	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	6 674	6 985	7 378
Agriculture, value added (% GDP)	2.6	1.2	1.4
Food (excl. fish) exports (mill. USD)	8 067	12 313	13 101
Food (excl. fish) imports (mill. USD)	2 671	6 233	6 767
Production indices, gross (2004–06=100)			
Food	96	101	106
Crops	106	97	118
Cereals	106	92	110
Vegetable oils	71	142	179
Roots and tubers	101	107	143
Fruit and vegetables	83	99	95
Sugar	128	86	93
Livestock	92	102	102
Milk	101	101	121
Meat	89	102	94
Fish	187	69	95
Net trade (mln USD)			
Cereals and preparations	598	365	959
Fruit and vegetables	-458	-1 156	-1 134
Meat and meat preparations	3 603	4 021	2 838
Dairy products (milk equivalent)	1 275	1 652	2 038
Fish	1 128	1 241	1 203
Environment			
Forest land area (% of total land area)	13.5	13.4	15.6
Agricultural land area (% of total land area)	63.4	62.8	65.8
Freshwater withdrawal (% total renewable)	15.3	9.3	10.6
Terrestrial protected areas (% total land area)			18.1
Agriculture area under organic agric. (ha)		150	241
Wood pellet production (1 000 t)		100	180
Emissions in agriculture (CO ₂ eq. Gg)	10 899	9 699	9 684
Net emissions in land use (CO ₂ eq. Gg)	55	426	-1 049

Djibouti

	1997	2007	2017
The setting			
Population, total (mill.)	0.7	0.8	1.0
Rural population, total (mill.)	0.2	0.2	0.2
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	12.0	7.6	6.0
Total renew. water resources per cap. (m ³)	454	371	314
Land area equipped for irrigation (1 000 ha)	1	1	1
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	56.6	54.5	50.4
Employment in agriculture, female (%)	60.4	57.7	53.1
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)			
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	1 959	2 392	2 611
Average dietary energy supply adequacy (%)	86	103	109
Dietary energy supply, cereals/roots/tubers (%)	58	53	56
Prevalence of undernourishment (% of pop.)	48.1	25.6	18.9
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)		2 744	
Cereal import dependency ratio (%)	100.0	100.0	100.0
Stunting, children under 5 (%)	26.5	32.6	33.5
Adult obesity (% of pop. 18 years and older)	7.9	9.4	12.2
At least basic drinking water (% pop. using)	75.6	75.5	75.6
Food supply			
Food production value (2004–06 mill. I\$)	41	75	73
Agriculture, value added (% GDP)	1.5	1.7	2.2
Food (excl. fish) exports (mill. USD)	4	48	88
Food (excl. fish) imports (mill. USD)	71	269	890
Production indices, gross (2004–06=100)			
Food	76	136	133
Crops	89	103	131
Cereals	106	114	136
Vegetable oils			
Roots and tubers			
Fruit and vegetables	86	103	130
Sugar	96	100	102
Livestock	73	142	134
Milk	96	96	103
Meat	71	147	137
Fish	37	91	149
Net trade (mln USD)			
Cereals and preparations	-30	-50	-261
Fruit and vegetables	-3	-14	-106
Meat and meat preparations	-3	-21	-5
Dairy products (milk equivalent)	-13	-17	-20
Fish	-1	-2	-4
Environment			
Forest land area (% of total land area)	0.2	0.2	0.2
Agricultural land area (% of total land area)	64.8	73.4	73.4
Freshwater withdrawal (% total renewable)	6.3	6.3	
Terrestrial protected areas (% total land area)			1.6
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	605	642	649
Net emissions in land use (CO ₂ eq. Gg)	0	0	0

Dominica

	1997	2007	2017
The setting			
Population, total (mill.)	0.1	0.1	0.1
Rural population, total (mill.)	0.0	0.0	0.0
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	1.5	1.0	0.9
Total renew. water resources per cap. (m ³)	2 827	2 819	2 706
Land area equipped for irrigation (1 000 ha)		0	0
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)			
Employment in agriculture, female (%)			
Fertilizers use, nitrogen, as N (1 000 t)	0.2	0.6	0.1
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.1	0.7	0.1
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.1	0.0	0.0
Agric. value added per worker (constant USD)			
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 010	2 993	2 923
Average dietary energy supply adequacy (%)	124	122	119
Dietary energy supply, cereals/roots/tubers (%)	33	34	36
Prevalence of undernourishment (% of pop.)	4.7	5.1	6.2
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	8 230	9 655	9 438
Cereal import dependency ratio (%)	100.0	100.0	100.0
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	18.7	22.5	28.2
At least basic drinking water (% pop. using)	93.5	95.4	96.5
Food supply			
Food production value (2004–06 mill. I\$)	37	30	33
Agriculture, value added (% GDP)	13.2	10.3	13.6
Food (excl. fish) exports (mill. USD)	28	12	5
Food (excl. fish) imports (mill. USD)	25	29	28
Production indices, gross (2004–06=100)			
Food	127	105	115
Crops	132	106	116
Cereals	91	110	99
Vegetable oils	118	116	74
Roots and tubers	94	108	122
Fruit and vegetables	154	104	117
Sugar	105	109	111
Livestock	100	100	104
Milk	101	102	107
Meat	99	98	103
Fish	160	103	117
Net trade (mln USD)			
Cereals and preparations	-6	-6	-5
Fruit and vegetables	23	8	-1
Meat and meat preparations	-6	-7	-8
Dairy products (milk equivalent)	-4	-4	-6
Fish	-1	-2	-2
Environment			
Forest land area (% of total land area)	64.2	60.6	57.1
Agricultural land area (% of total land area)	22.7	29.3	33.3
Freshwater withdrawal (% total renewable)	8.3	8.3	10.0
Terrestrial protected areas (% total land area)			22.0
Agriculture area under organic agric. (ha)		0	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	37	35	33
Net emissions in land use (CO ₂ eq. Gg)	-73	513	110

Dominican Republic

	1997	2007	2017
The setting			
Population, total (mill.)	8.1	9.3	10.6
Rural population, total (mill.)	3.3	2.8	2.1
Govt. expenditure on agric. (% total outlays)	4.6	2.1	1.6
Area harvested, crops (mill. ha)	0.9	0.9	0.9
Cropping intensity ratio	0.7	0.7	0.8
Total renew. water resources per cap. (m ³)	2 879	2 473	2 183
Land area equipped for irrigation (1 000 ha)	263	300	307
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	20.0	12.9	9.6
Employment in agriculture, female (%)	2.3	1.8	1.3
Fertilizers use, nitrogen, as N (1 000 t)	51.4	44.5	68.9
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	3.0	14.6	17.5
Fertilizers use, potassium, as K ₂ O (1 000 t)	11.5	18.6	26.4
Agric. value added per worker (constant USD)	3 517	6 354	10 260
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 211	2 374	2 739
Average dietary energy supply adequacy (%)	96	102	115
Dietary energy supply, cereals/roots/tubers (%)	31	31	32
Prevalence of undernourishment (% of pop.)	28.1	20.9	9.5
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	8 289	10 453	14 953
Cereal import dependency ratio (%)	80.5	76.8	74.7
Stunting, children under 5 (%)	8.0	10.1	7.1
Adult obesity (% of pop. 18 years and older)	14.6	19.4	26.9
At least basic drinking water (% pop. using)	89.8	93.1	96.7
Food supply			
Food production value (2004–06 mill. I\$)	1 737	2 422	3 336
Agriculture, value added (% GDP)	9.1	6.5	5.7
Food (excl. fish) exports (mill. USD)	345	426	866
Food (excl. fish) imports (mill. USD)	478	963	1 931
Production indices, gross (2004–06=100)			
Food	80	112	154
Crops	89	105	172
Cereals	81	115	92
Vegetable oils	97	107	183
Roots and tubers	88	98	132
Fruit and vegetables	74	104	217
Sugar	130	98	108
Livestock	71	121	123
Milk	66	126	189
Meat	73	121	107
Fish	108	105	129
Net trade (mln USD)			
Cereals and preparations	-219	-443	-540
Fruit and vegetables	38	71	130
Meat and meat preparations	-11	-31	-238
Dairy products (milk equivalent)	-82	-43	-223
Fish	-45	-87	-171
Environment			
Forest land area (% of total land area)	28.4	35.6	42.4
Agricultural land area (% of total land area)	51.7	50.0	48.7
Freshwater withdrawal (% total renewable)	20.7	23.2	30.4
Terrestrial protected areas (% total land area)			26.2
Agriculture area under organic agric. (ha)		123	205
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	6 090	7 252	8 156
Net emissions in land use (CO ₂ eq. Gg)	-9 962	-8 711	-8 725

Ecuador

	1997	2007	2017
The setting			
Population, total (mill.)	12.0	14.3	17.1
Rural population, total (mill.)	4.9	5.4	6.1
Govt. expenditure on agric. (% total outlays)	0.6	0.7	2.5
Area harvested, crops (mill. ha)	2.7	2.4	2.3
Cropping intensity ratio	0.9	1.0	0.9
Total renew. water resources per cap. (m ³)	37 099	31 144	26 611
Land area equipped for irrigation (1 000 ha)	863	1 235	1 500
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	30.4	28.5	27.7
Employment in agriculture, female (%)	25.9	22.7	24.8
Fertilizers use, nitrogen, as N (1 000 t)	132.3	118.2	180.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	36.7	37.0	53.3
Fertilizers use, potassium, as K ₂ O (1 000 t)	58.9	82.7	115.2
Agric. value added per worker (constant USD)	3 115	3 559	4 184
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 294	2 365	2 608
Average dietary energy supply adequacy (%)	104	105	114
Dietary energy supply, cereals/roots/tubers (%)	39	38	45
Prevalence of undernourishment (% of pop.)	18.5	15.6	7.9
Prev. of severe food insecurity (% of pop.)			7.1
Prev. moderate or severe food insecurity (% pop.)			23.3
GDP per capita (USD, PPP)	7 357	8 823	10 454
Cereal import dependency ratio (%)	30.7	34.5	31.6
Stunting, children under 5 (%)		25.9	23.9
Adult obesity (% of pop. 18 years and older)	12.0	15.0	19.3
At least basic drinking water (% pop. using)	82.4	87.4	94.0
Food supply			
Food production value (2004–06 mill. I\$)	4 549	5 539	5 926
Agriculture, value added (% GDP)	20.1	9.4	9.4
Food (excl. fish) exports (mill. USD)	1 670	2 152	4 619
Food (excl. fish) imports (mill. USD)	340	780	1 193
Production indices, gross (2004–06=100)			
Food	87	106	114
Crops	96	103	108
Cereals	91	112	91
Vegetable oils	84	107	119
Roots and tubers	147	87	109
Fruit and vegetables	93	99	105
Sugar	62	126	136
Livestock	79	113	123
Milk	93	98	101
Meat	73	120	130
Fish	118	102	196
Net trade (mln USD)			
Cereals and preparations	-59	-294	-455
Fruit and vegetables	1 379	1 533	3 370
Meat and meat preparations	-4	-14	-10
Dairy products (milk equivalent)	-12	-4	-2
Fish	1 173	1 344	4 506
Environment			
Forest land area (% of total land area)	50.6	53.1	49.9
Agricultural land area (% of total land area)	28.9	29.8	22.5
Freshwater withdrawal (% total renewable)	2.1	2.2	
Terrestrial protected areas (% total land area)			21.7
Agriculture area under organic agric. (ha)		49	42
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	14 052	12 400	11 579
Net emissions in land use (CO ₂ eq. Gg)	42 315	33 889	10 668

Egypt

	1997	2007	2017
The setting			
Population, total (mill.)	64.9	78.2	98.4
Rural population, total (mill.)	37.9	45.3	56.9
Govt. expenditure on agric. (% total outlays)		2.4	1.4
Area harvested, crops (mill. ha)	4.6	5.1	5.5
Cropping intensity ratio	1.4	1.5	1.5
Total renew. water resources per cap. (m ³)	869	723	589
Land area equipped for irrigation (1 000 ha)	3 286	3 550	3 714
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	31.4	31.8	25.0
Employment in agriculture, female (%)	40.5	46.6	36.9
Fertilizers use, nitrogen, as N (1 000 t)	1 070.0	1 106.4	1 369.8
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	142.2	167.2	301.4
Fertilizers use, potassium, as K ₂ O (1 000 t)	57.7	64.3	49.4
Agric. value added per worker (constant USD)	3 572	3 604	5 280
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 378	3 442	3 547
Average dietary energy supply adequacy (%)	146	147	153
Dietary energy supply, cereals/roots/tubers (%)	65	64	65
Prevalence of undernourishment (% of pop.)	5.2	4.8	4.5
Prev. of severe food insecurity (% of pop.)			10.1
Prev. moderate or severe food insecurity (% pop.)			36.0
GDP per capita (USD, PPP)	7 505	8 987	10 673
Cereal import dependency ratio (%)	34.1	36.6	42.1
Stunting, children under 5 (%)	24.6	30.7	22.3
Adult obesity (% of pop. 18 years and older)	20.9	24.6	31.1
At least basic drinking water (% pop. using)	97.9	98.4	99.1
Food supply			
Food production value (2004–06 mill. I\$)	15 086	21 955	24 139
Agriculture, value added (% GDP)	13.3	13.4	11.5
Food (excl. fish) exports (mill. USD)	268	1 245	4 223
Food (excl. fish) imports (mill. USD)	2 798	5 584	11 127
Production indices, gross (2004–06=100)			
Food	76	111	122
Crops	77	108	120
Cereals	83	100	105
Vegetable oils	74	117	164
Roots and tubers	68	104	156
Fruit and vegetables	71	111	123
Sugar	73	116	149
Livestock	78	117	122
Milk	71	116	90
Meat	81	118	136
Fish	50	111	201
Net trade (mln USD)			
Cereals and preparations	-1 181	-2 898	-4 274
Fruit and vegetables	-27	251	1 854
Meat and meat preparations	-191	-591	-1 557
Dairy products (milk equivalent)	-144	-133	-168
Fish	-100	-219	-594
Environment			
Forest land area (% of total land area)	0.1	0.1	0.1
Agricultural land area (% of total land area)	3.3	3.6	3.8
Freshwater withdrawal (% total renewable)	102.0	118.4	114.1
Terrestrial protected areas (% total land area)			13.1
Agriculture area under organic agric. (ha)		19	106
Wood pellet production (1 000 t)		15	25
Emissions in agriculture (CO ₂ eq. Gg)	24 082	29 987	30 640
Net emissions in land use (CO ₂ eq. Gg)	-550	-220	-220

El Salvador

	1997	2007	2017
The setting			
Population, total (mill.)	5.7	6.1	6.4
Rural population, total (mill.)	2.5	2.3	1.8
Govt. expenditure on agric. (% total outlays)	2.3	1.2	1.1
Area harvested, crops (mill. ha)	0.8	0.7	0.8
Cropping intensity ratio	1.0	0.8	0.8
Total renew. water resources per cap. (m ³)	4 586	4 319	4 119
Land area equipped for irrigation (1 000 ha)	45	45	45
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	26.4	18.0	18.6
Employment in agriculture, female (%)	7.0	3.8	3.9
Fertilizers use, nitrogen, as N (1 000 t)	34.5	64.9	60.4
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	14.6	16.1	13.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.3	15.1	12.8
Agric. value added per worker (constant USD)	2 797	3 066	2 432
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 527	2 572	2 681
Average dietary energy supply adequacy (%)	115	115	118
Dietary energy supply, cereals/roots/tubers (%)	51	46	48
Prevalence of undernourishment (% of pop.)	11.0	11.0	9.0
Prev. of severe food insecurity (% of pop.)			12.7
Prev. moderate or severe food insecurity (% pop.)			40.0
GDP per capita (USD, PPP)	5 612	6 203	7 247
Cereal import dependency ratio (%)	40.2	44.1	39.4
Stunting, children under 5 (%)		20.6	13.6
Adult obesity (% of pop. 18 years and older)	14.1	17.8	22.7
At least basic drinking water (% pop. using)	77.8	85.8	97.4
Food supply			
Food production value (2004–06 mill. I\$)	835	1 011	1 118
Agriculture, value added (% GDP)	10.9	7.0	5.8
Food (excl. fish) exports (mill. USD)	173	382	679
Food (excl. fish) imports (mill. USD)	420	982	1 413
Production indices, gross (2004–06=100)			
Food	88	106	118
Crops	102	106	110
Cereals	92	98	115
Vegetable oils	176	108	120
Roots and tubers	115	101	112
Fruit and vegetables	75	121	96
Sugar	107	102	147
Livestock	81	108	112
Milk	86	111	131
Meat	77	107	104
Fish	27	131	132
Net trade (mln USD)			
Cereals and preparations	-116	-150	-177
Fruit and vegetables	-51	-110	-162
Meat and meat preparations	-22	-100	-182
Dairy products (milk equivalent)	-60	-101	-149
Fish	29	55	60
Environment			
Forest land area (% of total land area)	16.7	14.5	12.4
Agricultural land area (% of total land area)	67.9	72.6	75.7
Freshwater withdrawal (% total renewable)	5.2	8.1	
Terrestrial protected areas (% total land area)			8.8
Agriculture area under organic agric. (ha)		8	2
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	2 792	3 174	2 424
Net emissions in land use (CO ₂ eq. Gg)	881	844	735

Equatorial Guinea

	1997	2007	2017
The setting			
Population, total (mill.)	0.5	0.8	1.3
Rural population, total (mill.)	0.3	0.3	0.4
Govt. expenditure on agric. (% total outlays)		1.8	
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	0.5	0.5	0.5
Total renew. water resources per cap. (m ³)	47 741	31 352	20 505
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	50.9	45.0	41.5
Employment in agriculture, female (%)	52.3	45.6	41.6
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)		1 611	1 612
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	10 938	35 902	22 299
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)	42.6	35.0	
Adult obesity (% of pop. 18 years and older)	3.9	5.2	7.4
At least basic drinking water (% pop. using)	51.1	57.1	64.7
Food supply			
Food production value (2004–06 mill. I\$)	32	39	44
Agriculture, value added (% GDP)	5.0	1.4	2.3
Food (excl. fish) exports (mill. USD)	5	4	2
Food (excl. fish) imports (mill. USD)	9	42	169
Production indices, gross (2004–06=100)			
Food	86	106	118
Crops	90	106	117
Cereals			
Vegetable oils	85	108	102
Roots and tubers	73	111	137
Fruit and vegetables	80	104	124
Sugar			
Livestock	89	98	105
Milk			
Meat	91	101	109
Fish	162	121	184
Net trade (mln USD)			
Cereals and preparations			-39
Fruit and vegetables	0	0	-15
Meat and meat preparations			-56
Dairy products (milk equivalent)			
Fish	-1	-17	-18
Environment			
Forest land area (% of total land area)	63.4	59.2	55.1
Agricultural land area (% of total land area)	11.9	11.2	10.1
Freshwater withdrawal (% total renewable)	0.1	0.1	
Terrestrial protected areas (% total land area)			19.3
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	18	19	20
Net emissions in land use (CO ₂ eq. Gg)	5 318	5 427	5 354

Eritrea

	1997	2007	2017
The setting			
Population, total (mill.)	2.2	3.0	3.5
Rural population, total (mill.)	2.4	2.8	3.1
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.6	0.7	0.6
Cropping intensity ratio	1.4	1.0	0.9
Total renew. water resources per cap. (m ³)	2 314	1 761	1 443
Land area equipped for irrigation (1 000 ha)	22	21	21
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	62.7	65.1	62.9
Employment in agriculture, female (%)	66.9	69.0	66.6
Fertilizers use, nitrogen, as N (1 000 t)	2.8	0.7	1.8
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.7	1.7	0.0
Fertilizers use, potassium, as K ₂ O (1 000 t)		0.0	0.0
Agric. value added per worker (constant USD)			
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	2 485	2 167	
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)	43.7	50.3	
Adult obesity (% of pop. 18 years and older)	1.8	2.4	4.1
At least basic drinking water (% pop. using)	46.8	49.2	51.8
Food supply			
Food production value (2004–06 mill. I\$)	175	280	254
Agriculture, value added (% GDP)	15.1	24.3	17.5
Food (excl. fish) exports (mill. USD)	3	3	1
Food (excl. fish) imports (mill. USD)	76	102	91
Production indices, gross (2004–06=100)			
Food	76	122	111
Crops	74	127	92
Cereals	36	169	111
Vegetable oils	53	121	73
Roots and tubers	110	78	62
Fruit and vegetables	102	114	125
Sugar			
Livestock	79	118	126
Milk	62	108	121
Meat	88	124	129
Fish	15	33	64
Net trade (mln USD)			
Cereals and preparations	-62	-52	-30
Fruit and vegetables	-4	-3	-4
Meat and meat preparations			0
Dairy products (milk equivalent)	0	0	-1
Fish	0	1	0
Environment			
Forest land area (% of total land area)	15.7	15.3	14.9
Agricultural land area (% of total land area)	72.9	75.0	75.2
Freshwater withdrawal (% total renewable)	5.7	8.0	
Terrestrial protected areas (% total land area)			4.9
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	3 529	3 962	4 185
Net emissions in land use (CO ₂ eq. Gg)	1 216	572	665

Estonia

	1997	2007	2017
The setting			
Population, total (mill.)	1.4	1.3	1.3
Rural population, total (mill.)	0.4	0.4	0.4
Govt. expenditure on agric. (% total outlays)	2.4	2.6	1.6
Area harvested, crops (mill. ha)	0.4	0.4	0.5
Cropping intensity ratio	0.4	0.6	0.7
Total renew. water resources per cap. (m ³)	9 085	9 531	9 779
Land area equipped for irrigation (1 000 ha)	2	1	3
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	9.7	4.8	3.5
Employment in agriculture, female (%)	7.0	3.1	1.9
Fertilizers use, nitrogen, as N (1 000 t)	16.7	25.0	37.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	4.0	8.1	9.3
Fertilizers use, potassium, as K ₂ O (1 000 t)	6.3	12.4	13.1
Agric. value added per worker (constant USD)	5 983	15 568	24 595
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 069	3 246	3 233
Average dietary energy supply adequacy (%)	119	126	127
Dietary energy supply, cereals/roots/tubers (%)	36	35	37
Prevalence of undernourishment (% of pop.)	5.6	3.2	2.9
Prev. of severe food insecurity (% of pop.)			1.3
Prev. moderate or severe food insecurity (% pop.)			8.6
GDP per capita (USD, PPP)	15 703	27 384	29 916
Cereal import dependency ratio (%)	24.7	-11.6	-38.8
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	19.1	20.7	23.8
At least basic drinking water (% pop. using)	99.1	99.4	99.7
Food supply			
Food production value (2004–06 mill. I\$)	533	575	718
Agriculture, value added (% GDP)	4.5	3.0	2.5
Food (excl. fish) exports (mill. USD)	351	574	912
Food (excl. fish) imports (mill. USD)	528	771	989
Production indices, gross (2004–06=100)			
Food	104	112	140
Crops	117	130	178
Cereals	94	134	210
Vegetable oils	12	169	210
Roots and tubers	243	108	51
Fruit and vegetables	124	97	84
Sugar			
Livestock	98	104	122
Milk	107	103	118
Meat	80	107	132
Fish	135	108	91
Net trade (mln USD)			
Cereals and preparations	-42	-9	123
Fruit and vegetables	-43	-160	-210
Meat and meat preparations	-45	-48	-58
Dairy products (milk equivalent)	36	138	127
Fish	41	17	19
Environment			
Forest land area (% of total land area)	52.7	53.0	51.3
Agricultural land area (% of total land area)	24.1	21.6	23.1
Freshwater withdrawal (% total renewable)	10.6	14.3	13.4
Terrestrial protected areas (% total land area)			20.2
Agriculture area under organic agric. (ha)		79	196
Wood pellet production (1 000 t)		500	1 250
Emissions in agriculture (CO ₂ eq. Gg)	1 934	1 713	1 795
Net emissions in land use (CO ₂ eq. Gg)	-3 948	-2 139	1 113

Eswatini

	1997	2007	2017
The setting			
Population, total (mill.)	1.0	1.0	1.1
Rural population, total (mill.)	0.8	0.9	1.1
Govt. expenditure on agric. (% total outlays)		6.3	4.2
Area harvested, crops (mill. ha)	0.2	0.1	0.2
Cropping intensity ratio	0.9	0.7	1.0
Total renew. water resources per cap. (m ³)	4 492	3 963	3 299
Land area equipped for irrigation (1 000 ha)	49	50	50
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	15.8	14.4	13.1
Employment in agriculture, female (%)	13.6	12.2	10.9
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)	11 907	13 937	12 716
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 310	2 297	2 345
Average dietary energy supply adequacy (%)	105	102	103
Dietary energy supply, cereals/roots/tubers (%)	54	56	58
Prevalence of undernourishment (% of pop.)	19.2	21.2	20.6
Prev. of severe food insecurity (% of pop.)			29.5
Prev. moderate or severe food insecurity (% pop.)			63.5
GDP per capita (USD, PPP)	6 165	7 920	9 568
Cereal import dependency ratio (%)	50.9	72.5	68.8
Stunting, children under 5 (%)	36.6	40.4	25.5
Adult obesity (% of pop. 18 years and older)	9.0	10.6	13.5
At least basic drinking water (% pop. using)	52.5	59.5	69.0
Food supply			
Food production value (2004–06 mill. I\$)	239	276	324
Agriculture, value added (% GDP)	8.5	10.8	9.5
Food (excl. fish) exports (mill. USD)	343	219	418
Food (excl. fish) imports (mill. USD)	161	200	232
Production indices, gross (2004–06=100)			
Food	85	99	116
Crops	91	97	115
Cereals	196	38	130
Vegetable oils	280	78	62
Roots and tubers	92	103	137
Fruit and vegetables	87	100	115
Sugar	74	100	115
Livestock	80	104	115
Milk	96	101	103
Meat	77	105	119
Fish	193	100	275
Net trade (mln USD)			
Cereals and preparations	-32	-87	-78
Fruit and vegetables	7	-14	4
Meat and meat preparations	-11	-12	-16
Dairy products (milk equivalent)	-16	-15	-20
Fish	-11	-5	-7
Environment			
Forest land area (% of total land area)	29.3	32.0	34.6
Agricultural land area (% of total land area)	71.1	71.2	71.0
Freshwater withdrawal (% total renewable)	23.1	23.1	
Terrestrial protected areas (% total land area)			4.2
Agriculture area under organic agric. (ha)		0	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	972	913	915
Net emissions in land use (CO ₂ eq. Gg)	211	364	171

Ethiopia

	1997	2007	2017
The setting			
Population, total (mill.)	60.7	80.7	109.2
Rural population, total (mill.)	52.3	67.9	85.2
Govt. expenditure on agric. (% total outlays)	4.0	18.0	8.8
Area harvested, crops (mill. ha)	10.3	12.8	16.2
Cropping intensity ratio	1.0	0.8	0.9
Total renew. water resources per cap. (m ³)	2 001	1 506	1 162
Land area equipped for irrigation (1 000 ha)	290	523	858
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	76.7	76.6	67.1
Employment in agriculture, female (%)	67.5	71.4	60.3
Fertilizers use, nitrogen, as N (1 000 t)	97.6	106.0	157.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	70.0	119.1	154.2
Fertilizers use, potassium, as K ₂ O (1 000 t)		0.0	8.8
Agric. value added per worker (constant USD)	364	384	566
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	1 782	1 981	2 340
Average dietary energy supply adequacy (%)	85	93	105
Dietary energy supply, cereals/roots/tubers (%)	82	77	76
Prevalence of undernourishment (% of pop.)	52.0	37.2	20.6
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	621	861	1 725
Cereal import dependency ratio (%)	10.6	7.2	7.0
Stunting, children under 5 (%)	57.4	50.7	38.4
Adult obesity (% of pop. 18 years and older)	1.6	2.3	3.6
At least basic drinking water (% pop. using)	18.7	29.0	41.1
Food supply			
Food production value (2004–06 mill. I\$)	4 849	7 617	12 121
Agriculture, value added (% GDP)	52.9	43.0	34.0
Food (excl. fish) exports (mill. USD)	38	354	1 015
Food (excl. fish) imports (mill. USD)	100	462	1 660
Production indices, gross (2004–06=100)			
Food	68	107	170
Crops	73	108	198
Cereals	80	103	223
Vegetable oils	36	121	205
Roots and tubers	74	109	169
Fruit and vegetables	50	94	138
Sugar	57	84	53
Livestock	63	109	120
Milk	42	113	134
Meat	72	108	112
Fish	106	135	572
Net trade (mln USD)			
Cereals and preparations	-45	-274	-787
Fruit and vegetables	4	87	394
Meat and meat preparations	4	13	-6
Dairy products (milk equivalent)	-3	-6	-12
Fish	0	0	-2
Environment			
Forest land area (% of total land area)	14.1	12.7	12.6
Agricultural land area (% of total land area)	30.5	35.1	37.5
Freshwater withdrawal (% total renewable)	4.6	6.4	8.6
Terrestrial protected areas (% total land area)			18.5
Agriculture area under organic agric. (ha)		140	186
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	51 881	78 263	102 933
Net emissions in land use (CO ₂ eq. Gg)	28 201	26 410	22 333

	1997	2007	2017
The setting			
Population, total (mill.)	0.8	0.8	0.9
Rural population, total (mill.)	0.4	0.4	0.4
Govt. expenditure on agric. (% total outlays)		3.3	4.4
Area harvested, crops (mill. ha)	0.2	0.1	0.1
Cropping intensity ratio	0.6	0.6	0.5
Total renew. water resources per cap. (m ³)	36 007	34 200	31 530
Land area equipped for irrigation (1 000 ha)	3	4	4
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	46.5	44.0	39.7
Employment in agriculture, female (%)	45.1	42.2	39.0
Fertilizers use, nitrogen, as N (1 000 t)	9.4	4.0	5.1
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	2.7	0.0	2.9
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.1	0.0	0.7
Agric. value added per worker (constant USD)	2 422	2 287	2 466
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 847	2 940	2 996
Average dietary energy supply adequacy (%)	123	124	126
Dietary energy supply, cereals/roots/tubers (%)	48	47	46
Prevalence of undernourishment (% of pop.)	4.8	4.3	3.7
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	6 676	7 371	9 379
Cereal import dependency ratio (%)	100.0	100.0	99.8
Stunting, children under 5 (%)		7.5	
Adult obesity (% of pop. 18 years and older)	19.4	24.0	30.0
At least basic drinking water (% pop. using)	94.6	94.3	93.8
Food supply			
Food production value (2004–06 mill. I\$)	230	219	186
Agriculture, value added (% GDP)	14.3	12.3	11.2
Food (excl. fish) exports (mill. USD)	185	201	195
Food (excl. fish) imports (mill. USD)	118	239	304
Production indices, gross (2004–06=100)			
Food	99	95	80
Crops	101	90	70
Cereals	125	104	67
Vegetable oils	122	105	118
Roots and tubers	44	89	79
Fruit and vegetables	79	116	104
Sugar	113	84	49
Livestock	95	106	106
Milk	105	106	107
Meat	93	105	104
Fish	60	97	100
Net trade (mln USD)			
Cereals and preparations	-38	-54	-38
Fruit and vegetables	-7	-18	-45
Meat and meat preparations	-15	-24	-32
Dairy products (milk equivalent)	-13	-28	-44
Fish	12	34	65
Environment			
Forest land area (% of total land area)	53.2	54.5	56.2
Agricultural land area (% of total land area)	24.1	23.4	23.3
Freshwater withdrawal (% total renewable)	0.3	0.3	
Terrestrial protected areas (% total land area)			5.4
Agriculture area under organic agric. (ha)		0	17
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	1 004	900	911
Net emissions in land use (CO ₂ eq. Gg)	-1 675	626	-3 000

Finland

	1997	2007	2017
The setting			
Population, total (mill.)	5.2	5.3	5.5
Rural population, total (mill.)	1.0	0.9	0.8
Govt. expenditure on agric. (% total outlays)	5.8	5.1	3.5
Area harvested, crops (mill. ha)	1.3	1.3	1.0
Cropping intensity ratio	0.6	0.6	0.4
Total renew. water resources per cap. (m ³)	21 351	20 763	19 917
Land area equipped for irrigation (1 000 ha)	85	77	55
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	7.8	4.5	3.8
Employment in agriculture, female (%)	5.3	2.6	2.2
Fertilizers use, nitrogen, as N (1 000 t)	179.0	184.2	138.9
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	52.0	40.0	28.1
Fertilizers use, potassium, as K ₂ O (1 000 t)	73.0	52.2	33.7
Agric. value added per worker (constant USD)	32 207	48 378	76 789
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 165	3 251	3 380
Average dietary energy supply adequacy (%)	123	127	133
Dietary energy supply, cereals/roots/tubers (%)	31	32	31
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			2.0
Prev. moderate or severe food insecurity (% pop.)			8.3
GDP per capita (USD, PPP)	34 887	42 467	41 018
Cereal import dependency ratio (%)	-8.9	-16.9	-19.7
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	18.2	21.2	24.9
At least basic drinking water (% pop. using)	100.0	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	2 226	2 282	2 174
Agriculture, value added (% GDP)	3.4	2.4	2.4
Food (excl. fish) exports (mill. USD)	881	1 311	1 123
Food (excl. fish) imports (mill. USD)	1 328	2 560	3 380
Production indices, gross (2004–06=100)			
Food	99	102	97
Crops	103	104	91
Cereals	97	108	90
Vegetable oils	85	104	83
Roots and tubers	117	109	95
Fruit and vegetables	108	100	118
Sugar	128	63	40
Livestock	97	100	100
Milk	101	97	99
Meat	92	104	99
Fish	129	117	135
Net trade (mln USD)			
Cereals and preparations	10	-3	-227
Fruit and vegetables	-423	-815	-1 053
Meat and meat preparations	-2	-82	-241
Dairy products (milk equivalent)	149	231	52
Fish	-105	-277	-409
Environment			
Forest land area (% of total land area)	73.1	72.9	73.1
Agricultural land area (% of total land area)	7.1	7.5	7.5
Freshwater withdrawal (% total renewable)	2.4	6.0	
Terrestrial protected areas (% total land area)			15.0
Agriculture area under organic agric. (ha)		149	259
Wood pellet production (1 000 t)		252	324
Emissions in agriculture (CO ₂ eq. Gg)	6 507	6 094	5 681
Net emissions in land use (CO ₂ eq. Gg)	-24 366	-19 479	6 572

France

	1997	2007	2017
The setting			
Population, total (mill.)	58.2	61.9	65.0
Rural population, total (mill.)	14.5	13.9	12.8
Govt. expenditure on agric. (% total outlays)	0.6	0.7	0.8
Area harvested, crops (mill. ha)	13.8	13.5	13.6
Cropping intensity ratio	0.7	0.7	0.7
Total renew. water resources per cap. (m ³)	3 591	3 405	3 247
Land area equipped for irrigation (1 000 ha)	2 699	2 670	2 830
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	4.6	3.5	2.6
Employment in agriculture, female (%)	3.3	2.1	1.6
Fertilizers use, nitrogen, as N (1 000 t)	2 203.2	2 402.0	2 233.9
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	713.3	632.0	450.6
Fertilizers use, potassium, as K ₂ O (1 000 t)	965.1	794.0	462.9
Agric. value added per worker (constant USD)	34 235	42 148	60 339
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 616	3 510	3 436
Average dietary energy supply adequacy (%)	144	140	138
Dietary energy supply, cereals/roots/tubers (%)	27	29	30
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			0.8
Prev. moderate or severe food insecurity (% pop.)			6.4
GDP per capita (USD, PPP)	34 705	37 671	38 956
Cereal import dependency ratio (%)	-92.7	-73.6	-86.3
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	16.8	19.7	23.2
At least basic drinking water (% pop. using)	99.9	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	43 485	40 064	41 727
Agriculture, value added (% GDP)	2.3	1.6	1.5
Food (excl. fish) exports (mill. USD)	26 753	38 517	39 778
Food (excl. fish) imports (mill. USD)	16 932	31 444	39 796
Production indices, gross (2004–06=100)			
Food	104	95	99
Crops	101	93	96
Cereals	96	91	98
Vegetable oils	98	105	122
Roots and tubers	97	107	109
Fruit and vegetables	106	90	84
Sugar	111	109	112
Livestock	106	98	104
Milk	100	100	107
Meat	110	98	102
Fish	103	91	80
Net trade (mln USD)			
Cereals and preparations	4 657	6 800	6 037
Fruit and vegetables	-2 041	-4 484	-7 711
Meat and meat preparations	996	-358	-1 466
Dairy products (milk equivalent)	2 184	3 172	2 653
Fish	-1 965	-3 439	-4 930
Environment			
Forest land area (% of total land area)	27.5	29.4	31.4
Agricultural land area (% of total land area)	54.9	53.3	52.4
Freshwater withdrawal (% total renewable)	14.4	14.7	13.9
Terrestrial protected areas (% total land area)			25.8
Agriculture area under organic agric. (ha)		557	1 744
Wood pellet production (1 000 t)		682	1 350
Emissions in agriculture (CO ₂ eq. Gg)	76 594	73 453	69 711
Net emissions in land use (CO ₂ eq. Gg)	-25 304	-54 849	-80 518

Gabon

	1997	2007	2017
The setting			
Population, total (mill.)	1.1	1.5	2.1
Rural population, total (mill.)	0.3	0.2	0.2
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.2	0.2	0.3
Cropping intensity ratio	0.4	0.4	0.5
Total renew. water resources per cap. (m ³)	145 359	111 484	81 975
Land area equipped for irrigation (1 000 ha)	4	4	4
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	43.1	41.0	37.8
Employment in agriculture, female (%)	62.6	61.0	57.1
Fertilizers use, nitrogen, as N (1 000 t)	0.6	0.9	7.7
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.2	0.3	5.7
Fertilizers use, potassium, as K ₂ O (1 000 t)	1.1	1.7	6.2
Agric. value added per worker (constant USD)	4 852	4 652	4 465
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 707	2 693	2 795
Average dietary energy supply adequacy (%)	122	119	122
Dietary energy supply, cereals/roots/tubers (%)	48	50	51
Prevalence of undernourishment (% of pop.)	10.5	11.2	10.5
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	17 823	16 497	16 145
Cereal import dependency ratio (%)	92.1	83.8	87.3
Stunting, children under 5 (%)	26.3	17.5	17.5
Adult obesity (% of pop. 18 years and older)	8.3	10.4	13.4
At least basic drinking water (% pop. using)	79.5	83.0	85.8
Food supply			
Food production value (2004–06 mill. I\$)	226	255	295
Agriculture, value added (% GDP)	6.0	5.0	5.6
Food (excl. fish) exports (mill. USD)	5	3	5
Food (excl. fish) imports (mill. USD)	133	272	474
Production indices, gross (2004–06=100)			
Food	91	103	119
Crops	91	105	127
Cereals	75	102	141
Vegetable oils	96	98	75
Roots and tubers	89	105	130
Fruit and vegetables	96	102	110
Sugar	89	107	144
Livestock	90	102	117
Milk	86	135	146
Meat	90	100	117
Fish	101	86	66
Net trade (mln USD)			
Cereals and preparations	-47	-71	-124
Fruit and vegetables	-12	-23	-40
Meat and meat preparations	-38	-96	-172
Dairy products (milk equivalent)	-17	-37	-43
Fish	-7	1	-47
Environment			
Forest land area (% of total land area)	85.4	85.4	90.8
Agricultural land area (% of total land area)	20.0	20.0	20.0
Freshwater withdrawal (% total renewable)	0.1	0.1	
Terrestrial protected areas (% total land area)			22.4
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	370	506	511
Net emissions in land use (CO ₂ eq. Gg)	758	1 486	-93 309

Gambia

	1997	2007	2017
The setting			
Population, total (mill.)	1.2	1.6	2.3
Rural population, total (mill.)	0.6	0.7	0.8
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.2	0.3	0.4
Cropping intensity ratio	1.0	1.1	0.9
Total renew. water resources per cap. (m ³)	7 092	5 198	3 808
Land area equipped for irrigation (1 000 ha)	2	3	5
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	30.5	30.7	29.9
Employment in agriculture, female (%)	38.5	38.2	36.9
Fertilizers use, nitrogen, as N (1 000 t)		1.5	0.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)		0.6	0.0
Fertilizers use, potassium, as K ₂ O (1 000 t)		0.6	0.1
Agric. value added per worker (constant USD)	1 383	1 220	920
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 541	2 509	2 630
Average dietary energy supply adequacy (%)	116	115	119
Dietary energy supply, cereals/roots/tubers (%)	55	59	62
Prevalence of undernourishment (% of pop.)	13.1	12.9	10.2
Prev. of severe food insecurity (% of pop.)			31.3
Prev. moderate or severe food insecurity (% pop.)			54.1
GDP per capita (USD, PPP)	1 449	1 415	1 465
Cereal import dependency ratio (%)	39.0	42.7	37.7
Stunting, children under 5 (%)	24.1	27.6	25.0
Adult obesity (% of pop. 18 years and older)	3.9	5.7	8.7
At least basic drinking water (% pop. using)	75.0	76.0	78.0
Food supply			
Food production value (2004–06 mill. I\$)	97	112	150
Agriculture, value added (% GDP)	24.4	24.3	23.0
Food (excl. fish) exports (mill. USD)	8	24	12
Food (excl. fish) imports (mill. USD)	67	116	146
Production indices, gross (2004–06=100)			
Food	67	78	104
Crops	61	68	103
Cereals	48	67	106
Vegetable oils	69	64	94
Roots and tubers	88	99	143
Fruit and vegetables	78	105	138
Sugar			
Livestock	83	103	108
Milk	86	101	111
Meat	79	106	103
Fish	93	124	172
Net trade (mln USD)			
Cereals and preparations	-26	-38	-65
Fruit and vegetables	-2	-8	-6
Meat and meat preparations	0	-7	-7
Dairy products (milk equivalent)	-5	-12	-4
Fish	4	3	3
Environment			
Forest land area (% of total land area)	45.0	46.9	48.5
Agricultural land area (% of total land area)	55.0	48.9	59.8
Freshwater withdrawal (% total renewable)	1.1	1.1	
Terrestrial protected areas (% total land area)			4.1
Agriculture area under organic agric. (ha)		0	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	715	911	1 175
Net emissions in land use (CO ₂ eq. Gg)	-274	-466	-361

Georgia

	1997	2007	2017
The setting			
Population, total (mill.)	4.7	4.2	4.0
Rural population, total (mill.)	2.3	2.0	1.6
Govt. expenditure on agric. (% total outlays)		2.3	2.0
Area harvested, crops (mill. ha)	0.7	0.4	0.3
Cropping intensity ratio	0.7	0.7	0.7
Total renew. water resources per cap. (m ³)	12 975	14 423	16 189
Land area equipped for irrigation (1 000 ha)	469	433	433
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	48.8	53.4	43.1
Employment in agriculture, female (%)	51.1	56.6	45.7
Fertilizers use, nitrogen, as N (1 000 t)	21.4	18.5	39.7
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	2.6	0.4	4.4
Fertilizers use, potassium, as K ₂ O (1 000 t)	2.4	0.3	2.5
Agric. value added per worker (constant USD)		1 071	1 300
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 604	2 913	2 850
Average dietary energy supply adequacy (%)	106	116	116
Dietary energy supply, cereals/roots/tubers (%)	61	55	57
Prevalence of undernourishment (% of pop.)	13.5	6.8	7.9
Prev. of severe food insecurity (% of pop.)			7.6
Prev. moderate or severe food insecurity (% pop.)			34.5
GDP per capita (USD, PPP)	3 527	6 532	9 702
Cereal import dependency ratio (%)	58.7	67.2	58.9
Stunting, children under 5 (%)		11.3	
Adult obesity (% of pop. 18 years and older)	14.4	17.3	23.3
At least basic drinking water (% pop. using)	93.0	94.9	98.4
Food supply			
Food production value (2004–06 mill. I\$)	1 181	861	660
Agriculture, value added (% GDP)	27.5	9.2	6.8
Food (excl. fish) exports (mill. USD)	44	142	272
Food (excl. fish) imports (mill. USD)	324	704	825
Production indices, gross (2004–06=100)			
Food	121	88	68
Crops	140	92	63
Cereals	163	76	54
Vegetable oils	157	84	16
Roots and tubers	104	67	53
Fruit and vegetables	143	98	66
Sugar			
Livestock	102	82	71
Milk	86	89	76
Meat	120	72	56
Fish	21	359	815
Net trade (mln USD)			
Cereals and preparations	-170	-278	-185
Fruit and vegetables	-35	26	25
Meat and meat preparations	-9	-75	-93
Dairy products (milk equivalent)	4	-28	-59
Fish	-4	-32	-22
Environment			
Forest land area (% of total land area)	39.7	40.2	40.6
Agricultural land area (% of total land area)	43.7	36.2	34.3
Freshwater withdrawal (% total renewable)		2.9	2.9
Terrestrial protected areas (% total land area)			8.3
Agriculture area under organic agric. (ha)		0	2
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	2 131	2 078	2 063
Net emissions in land use (CO ₂ eq. Gg)	3	6	17

Germany

	1997	2007	2017
The setting			
Population, total (mill.)	81.4	81.3	83.1
Rural population, total (mill.)	20.9	19.2	18.7
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	9.3	9.3	8.8
Cropping intensity ratio	0.8	0.8	0.7
Total renew. water resources per cap. (m ³)	1 890	1 893	1 875
Land area equipped for irrigation (1 000 ha)	485	560	676
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	2.9	2.3	1.3
Employment in agriculture, female (%)	2.6	1.6	0.9
Fertilizers use, nitrogen, as N (1 000 t)	1 787.8	1 807.2	1 496.6
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	327.4	316.7	208.5
Fertilizers use, potassium, as K ₂ O (1 000 t)	479.7	511.3	391.6
Agric. value added per worker (constant USD)	21 138	29 141	37 972
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 326	3 503	3 552
Average dietary energy supply adequacy (%)	131	137	139
Dietary energy supply, cereals/roots/tubers (%)	27	28	28
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			0.7
Prev. moderate or severe food insecurity (% pop.)			3.6
GDP per capita (USD, PPP)	36 765	40 474	45 462
Cereal import dependency ratio (%)	-24.9	-11.0	-8.6
Stunting, children under 5 (%)		1.3	
Adult obesity (% of pop. 18 years and older)	18.4	21.4	25.7
At least basic drinking water (% pop. using)	100.0	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	33 272	35 018	37 866
Agriculture, value added (% GDP)	1.0	0.7	0.8
Food (excl. fish) exports (mill. USD)	16 871	39 672	56 062
Food (excl. fish) imports (mill. USD)	27 905	50 598	66 792
Production indices, gross (2004–06=100)			
Food	95	100	108
Crops	91	95	100
Cereals	95	87	98
Vegetable oils	58	101	82
Roots and tubers	101	101	101
Fruit and vegetables	86	108	97
Sugar	106	103	140
Livestock	97	102	112
Milk	102	101	116
Meat	93	104	111
Fish	100	104	88
Net trade (mln USD)			
Cereals and preparations	1 032	2 474	3 240
Fruit and vegetables	-9 040	-12 070	-15 733
Meat and meat preparations	-2 572	794	2 458
Dairy products (milk equivalent)	1 398	2 431	2 144
Fish	-1 386	-2 003	-2 865
Environment			
Forest land area (% of total land area)	32.5	32.7	32.7
Agricultural land area (% of total land area)	49.6	48.6	47.8
Freshwater withdrawal (% total renewable)	29.4	21.0	16.5
Terrestrial protected areas (% total land area)			37.8
Agriculture area under organic agric. (ha)		865	1 138
Wood pellet production (1 000 t)		2 246	2 250
Emissions in agriculture (CO ₂ eq. Gg)	66 335	58 891	56 702
Net emissions in land use (CO ₂ eq. Gg)	-52 938	-16 523	-40 033

Ghana

	1997	2007	2017
The setting			
Population, total (mill.)	17.9	23.0	29.8
Rural population, total (mill.)	10.3	11.7	12.9
Govt. expenditure on agric. (% total outlays)	0.9	1.0	
Area harvested, crops (mill. ha)	4.5	5.9	7.1
Cropping intensity ratio	0.9	0.8	1.0
Total renew. water resources per cap. (m ³)	3 192	2 476	1 949
Land area equipped for irrigation (1 000 ha)	10	34	36
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	55.6	53.7	34.3
Employment in agriculture, female (%)	50.4	49.9	26.8
Fertilizers use, nitrogen, as N (1 000 t)	4.3	25.9	63.1
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.1	13.3	15.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	11.2	37.1	19.8
Agric. value added per worker (constant USD)		1 496	2 866
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 514	2 860	3 090
Average dietary energy supply adequacy (%)	114	128	136
Dietary energy supply, cereals/roots/tubers (%)	68	63	63
Prevalence of undernourishment (% of pop.)	15.6	7.3	5.5
Prev. of severe food insecurity (% of pop.)			7.9
Prev. moderate or severe food insecurity (% pop.)			49.6
GDP per capita (USD, PPP)	2 219	2 645	4 052
Cereal import dependency ratio (%)	23.1	32.1	28.6
Stunting, children under 5 (%)		28.6	18.8
Adult obesity (% of pop. 18 years and older)	4.7	6.6	9.7
At least basic drinking water (% pop. using)	64.5	71.3	81.5
Food supply			
Food production value (2004–06 mill. I\$)	3 591	5 371	8 476
Agriculture, value added (% GDP)	27.5	25.8	19.7
Food (excl. fish) exports (mill. USD)	502	1 361	3 143
Food (excl. fish) imports (mill. USD)	135	951	1 901
Production indices, gross (2004–06=100)			
Food	67	101	159
Crops	67	100	160
Cereals	87	85	173
Vegetable oils	59	86	106
Roots and tubers	70	106	176
Fruit and vegetables	82	108	169
Sugar	100	104	108
Livestock	80	110	136
Milk	95	98	115
Meat	81	110	134
Fish	112	84	110
Net trade (mln USD)			
Cereals and preparations	-64	-335	-808
Fruit and vegetables	21	2	324
Meat and meat preparations	-13	-101	-165
Dairy products (milk equivalent)	-3	-70	-73
Fish	33	-110	-68
Environment			
Forest land area (% of total land area)	38.8	40.0	41.3
Agricultural land area (% of total land area)	59.9	67.7	69.0
Freshwater withdrawal (% total renewable)	1.7	1.7	
Terrestrial protected areas (% total land area)			15.1
Agriculture area under organic agric. (ha)		25	15
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	7 067	8 343	10 327
Net emissions in land use (CO ₂ eq. Gg)	20 913	-6 704	9 426

Greece

	1997	2007	2017
The setting			
Population, total (mill.)	10.9	11.1	10.5
Rural population, total (mill.)	3.0	2.8	2.3
Govt. expenditure on agric. (% total outlays)		0.3	0.6
Area harvested, crops (mill. ha)	3.1	2.9	2.5
Cropping intensity ratio	0.8	0.8	0.8
Total renew. water resources per cap. (m ³)	6 240	6 010	6 129
Land area equipped for irrigation (1 000 ha)	1 277	1 555	1 530
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	19.8	11.3	12.1
Employment in agriculture, female (%)	23.2	12.1	11.5
Fertilizers use, nitrogen, as N (1 000 t)	272.0	136.6	181.7
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	120.5	57.9	51.1
Fertilizers use, potassium, as K ₂ O (1 000 t)	32.4	54.3	46.0
Agric. value added per worker (constant USD)	11 991	14 808	20 928
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 614	3 505	3 392
Average dietary energy supply adequacy (%)	142	138	134
Dietary energy supply, cereals/roots/tubers (%)	31	30	31
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			2.8
Prev. moderate or severe food insecurity (% pop.)			17.4
GDP per capita (USD, PPP)	24 839	32 074	24 602
Cereal import dependency ratio (%)	17.0	24.9	18.2
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	19.6	22.8	27.4
At least basic drinking water (% pop. using)	99.6	99.8	100.0
Food supply			
Food production value (2004–06 mill. I\$)	7 429	7 380	7 815
Agriculture, value added (% GDP)	6.2	3.0	3.7
Food (excl. fish) exports (mill. USD)	1 955	3 303	4 656
Food (excl. fish) imports (mill. USD)	2 717	5 968	5 426
Production indices, gross (2004–06=100)			
Food	94	94	99
Crops	96	90	98
Cereals	101	93	64
Vegetable oils	88	95	115
Roots and tubers	104	105	59
Fruit and vegetables	94	94	110
Sugar	126	38	17
Livestock	96	95	92
Milk	97	100	92
Meat	94	92	91
Fish	103	104	102
Net trade (mln USD)			
Cereals and preparations	-175	-732	-408
Fruit and vegetables	684	763	1 336
Meat and meat preparations	-729	-1 331	-1 239
Dairy products (milk equivalent)	-398	-648	-221
Fish	-93	-141	85
Environment			
Forest land area (% of total land area)	27.2	29.6	31.9
Agricultural land area (% of total land area)	69.7	60.1	47.3
Freshwater withdrawal (% total renewable)	12.7	14.0	
Terrestrial protected areas (% total land area)			35.2
Agriculture area under organic agric. (ha)		222	410
Wood pellet production (1 000 t)		35	35
Emissions in agriculture (CO ₂ eq. Gg)	8 777	7 637	7 485
Net emissions in land use (CO ₂ eq. Gg)	-730	-473	-757

Grenada

	1997	2007	2017
The setting			
Population, total (mill.)	0.1	0.1	0.1
Rural population, total (mill.)	0.1	0.1	0.1
Govt. expenditure on agric. (% total outlays)		1.1	1.5
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	1.5	1.4	2.0
Total renew. water resources per cap. (m ³)	1 978	1 931	1 855
Land area equipped for irrigation (1 000 ha)	0	1	2
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)			
Employment in agriculture, female (%)			
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)			
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 254	2 407	2 377
Average dietary energy supply adequacy (%)	96	99	98
Dietary energy supply, cereals/roots/tubers (%)	27	25	28
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	9 538	11 860	13 397
Cereal import dependency ratio (%)	99.4	92.2	100.0
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	12.2	14.9	20.2
At least basic drinking water (% pop. using)	93.3	94.9	95.6
Food supply			
Food production value (2004–06 mill. I\$)	18	14	19
Agriculture, value added (% GDP)	6.6	3.6	5.3
Food (excl. fish) exports (mill. USD)	12	7	15
Food (excl. fish) imports (mill. USD)	31	49	53
Production indices, gross (2004–06=100)			
Food	128	95	133
Crops	141	91	139
Cereals	97	103	113
Vegetable oils	106	111	97
Roots and tubers	117	92	100
Fruit and vegetables	97	109	106
Sugar	95	104	105
Livestock	79	109	108
Milk	102	106	108
Meat	78	109	104
Fish	73	106	122
Net trade (mln USD)			
Cereals and preparations	-6	-8	-8
Fruit and vegetables	-3	-6	-2
Meat and meat preparations	-9	-11	-14
Dairy products (milk equivalent)		-8	-8
Fish	2	-1	3
Environment			
Forest land area (% of total land area)	50.0	50.0	50.0
Agricultural land area (% of total land area)	32.4	20.6	23.5
Freshwater withdrawal (% total renewable)		5.0	7.1
Terrestrial protected areas (% total land area)			9.8
Agriculture area under organic agric. (ha)		0	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	14	14	14
Net emissions in land use (CO ₂ eq. Gg)	0	-147	0

Guatemala

	1997	2007	2017
The setting			
Population, total (mill.)	10.9	13.7	17.2
Rural population, total (mill.)	6.1	7.2	8.4
Govt. expenditure on agric. (% total outlays)	3.2	2.5	2.2
Area harvested, crops (mill. ha)	1.5	2.0	2.5
Cropping intensity ratio	0.8	0.8	1.2
Total renew. water resources per cap. (m ³)	11 747	9 336	7 562
Land area equipped for irrigation (1 000 ha)	130	322	338
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	37.6	33.3	29.3
Employment in agriculture, female (%)	16.1	14.8	9.3
Fertilizers use, nitrogen, as N (1 000 t)	84.2	133.1	174.2
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	46.2	55.2	52.8
Fertilizers use, potassium, as K ₂ O (1 000 t)	11.9	6.8	83.2
Agric. value added per worker (constant USD)	2 360	2 698	3 047
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 174	2 413	2 514
Average dietary energy supply adequacy (%)	105	115	116
Dietary energy supply, cereals/roots/tubers (%)	52	46	47
Prevalence of undernourishment (% of pop.)	20.5	15.7	15.2
Prev. of severe food insecurity (% of pop.)			16.4
Prev. moderate or severe food insecurity (% pop.)			43.6
GDP per capita (USD, PPP)	6 071	6 713	7 423
Cereal import dependency ratio (%)	37.8	45.4	44.2
Stunting, children under 5 (%)	50.0	48.0	46.5
Adult obesity (% of pop. 18 years and older)	11.3	14.2	18.8
At least basic drinking water (% pop. using)	85.8	89.4	94.2
Food supply			
Food production value (2004–06 mill. I\$)	2 280	3 684	5 246
Agriculture, value added (% GDP)	26.6	11.5	10.1
Food (excl. fish) exports (mill. USD)	759	1 717	4 007
Food (excl. fish) imports (mill. USD)	406	1 211	2 054
Production indices, gross (2004–06=100)			
Food	70	114	162
Crops	70	116	168
Cereals	66	115	138
Vegetable oils	57	121	365
Roots and tubers	48	106	128
Fruit and vegetables	61	121	177
Sugar	95	110	182
Livestock	73	108	125
Milk	78	106	118
Meat	80	110	120
Fish	44	134	168
Net trade (mln USD)			
Cereals and preparations	-68	-374	-503
Fruit and vegetables	206	563	1 349
Meat and meat preparations	-18	-60	-194
Dairy products (milk equivalent)	-53	-114	-184
Fish	10	46	9
Environment			
Forest land area (% of total land area)	40.8	35.9	32.4
Agricultural land area (% of total land area)	42.2	41.2	36.0
Freshwater withdrawal (% total renewable)		2.6	
Terrestrial protected areas (% total land area)			20.0
Agriculture area under organic agric. (ha)		7	13
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	5 654	7 258	9 251
Net emissions in land use (CO ₂ eq. Gg)	15 826	17 880	9 120

Guinea

	1997	2007	2017
The setting			
Population, total (mill.)	7.7	9.5	12.4
Rural population, total (mill.)	5.8	6.8	8.3
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	2.2	3.1	5.2
Cropping intensity ratio	0.7	0.9	1.4
Total renew. water resources per cap. (m ³)	27 105	22 383	17 771
Land area equipped for irrigation (1 000 ha)	94	95	95
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	71.1	68.8	67.0
Employment in agriculture, female (%)	74.9	72.6	70.8
Fertilizers use, nitrogen, as N (1 000 t)	1.8	3.2	23.4
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.3	0.1	10.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.3	0.1	15.0
Agric. value added per worker (constant USD)	374	444	599
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 337	2 514	2 649
Average dietary energy supply adequacy (%)	108	115	119
Dietary energy supply, cereals/roots/tubers (%)	61	62	62
Prevalence of undernourishment (% of pop.)	26.3	19.3	16.5
Prev. of severe food insecurity (% of pop.)			46.5
Prev. moderate or severe food insecurity (% pop.)			74.1
GDP per capita (USD, PPP)	1 519	1 653	2 214
Cereal import dependency ratio (%)	20.5	18.4	16.4
Stunting, children under 5 (%)		40.0	32.4
Adult obesity (% of pop. 18 years and older)	3.2	4.4	6.6
At least basic drinking water (% pop. using)	62.7	63.2	61.9
Food supply			
Food production value (2004–06 mill. I\$)	1 280	1 824	2 476
Agriculture, value added (% GDP)	24.1	16.8	17.5
Food (excl. fish) exports (mill. USD)	24	43	267
Food (excl. fish) imports (mill. USD)	160	310	726
Production indices, gross (2004–06=100)			
Food	75	107	145
Crops	76	107	145
Cereals	68	112	173
Vegetable oils	78	106	155
Roots and tubers	89	112	171
Fruit and vegetables	85	98	109
Sugar	86	101	109
Livestock	67	112	138
Milk	67	111	169
Meat	67	112	133
Fish	60	79	125
Net trade (mln USD)			
Cereals and preparations	-77	-152	-378
Fruit and vegetables	-6	-15	185
Meat and meat preparations	-3	-9	-13
Dairy products (milk equivalent)	-7	-17	-28
Fish	-11	4	9
Environment			
Forest land area (% of total land area)	28.5	27.1	25.6
Agricultural land area (% of total land area)	56.2	57.7	59.0
Freshwater withdrawal (% total renewable)	0.2	0.2	
Terrestrial protected areas (% total land area)			35.6
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	6 756	10 863	17 212
Net emissions in land use (CO ₂ eq. Gg)	14 194	18 896	16 464

Guinea-Bissau

	1997	2007	2017
The setting			
Population, total (mill.)	1.1	1.4	1.9
Rural population, total (mill.)	0.8	0.9	1.1
Govt. expenditure on agric. (% total outlays)		12.8	4.6
Area harvested, crops (mill. ha)	0.4	0.4	0.6
Cropping intensity ratio	0.8	0.8	1.0
Total renew. water resources per cap. (m ³)	26 610	21 715	16 873
Land area equipped for irrigation (1 000 ha)	23	25	25
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	66.3	69.6	68.2
Employment in agriculture, female (%)	69.2	72.0	70.3
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)	947	920	862
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 229	2 284	2 220
Average dietary energy supply adequacy (%)	103	104	100
Dietary energy supply, cereals/roots/tubers (%)	69	65	63
Prevalence of undernourishment (% of pop.)	25.7	23.7	28.0
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	1 411	1 383	1 577
Cereal import dependency ratio (%)	38.4	20.4	34.0
Stunting, children under 5 (%)	36.1	47.7	27.6
Adult obesity (% of pop. 18 years and older)	3.6	5.3	8.2
At least basic drinking water (% pop. using)	53.4	59.3	66.6
Food supply			
Food production value (2004–06 mill. I\$)	214	288	396
Agriculture, value added (% GDP)	40.1	43.2	49.2
Food (excl. fish) exports (mill. USD)	46	61	285
Food (excl. fish) imports (mill. USD)	30	60	129
Production indices, gross (2004–06=100)			
Food	79	106	145
Crops	75	105	151
Cereals	77	100	133
Vegetable oils	83	108	152
Roots and tubers	86	105	133
Fruit and vegetables	88	104	134
Sugar	100	100	122
Livestock	87	107	131
Milk	90	108	131
Meat	85	106	131
Fish	104	94	98
Net trade (mln USD)			
Cereals and preparations	-21	-17	-49
Fruit and vegetables	44	53	275
Meat and meat preparations	-1	-1	-2
Dairy products (milk equivalent)	-1	-2	-14
Fish	2	1	2
Environment			
Forest land area (% of total land area)	76.4	73.0	69.4
Agricultural land area (% of total land area)	54.7	57.3	58.0
Freshwater withdrawal (% total renewable)	0.6	0.6	
Terrestrial protected areas (% total land area)			16.7
Agriculture area under organic agric. (ha)		6	1
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	1 090	1 517	1 779
Net emissions in land use (CO ₂ eq. Gg)	1 519	1 522	1 501

Guyana

	1997	2007	2017
The setting			
Population, total (mill.)	0.8	0.7	0.8
Rural population, total (mill.)	0.5	0.5	0.6
Govt. expenditure on agric. (% total outlays)		6.5	8.9
Area harvested, crops (mill. ha)	0.2	0.2	0.3
Cropping intensity ratio	0.5	0.4	0.6
Total renew. water resources per cap. (m ³)	356 345	362 348	348 374
Land area equipped for irrigation (1 000 ha)	150	146	143
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	28.3	21.0	18.7
Employment in agriculture, female (%)	16.6	7.0	6.3
Fertilizers use, nitrogen, as N (1 000 t)	13.6	6.4	0.5
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	1.3	7.3	1.7
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.0	0.0	0.3
Agric. value added per worker (constant USD)	6 060	8 257	8 965
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 723	2 640	2 786
Average dietary energy supply adequacy (%)	121	115	119
Dietary energy supply, cereals/roots/tubers (%)	49	51	48
Prevalence of undernourishment (% of pop.)	8.3	10.6	8.1
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	4 617	5 318	7 399
Cereal import dependency ratio (%)	-84.4	-42.2	-10.7
Stunting, children under 5 (%)	13.8	18.2	12.0
Adult obesity (% of pop. 18 years and older)	11.0	14.0	19.2
At least basic drinking water (% pop. using)	87.9	91.2	95.5
Food supply			
Food production value (2004–06 mill. I\$)	349	323	462
Agriculture, value added (% GDP)	30.5	18.6	13.3
Food (excl. fish) exports (mill. USD)	217	243	390
Food (excl. fish) imports (mill. USD)	69	112	206
Production indices, gross (2004–06=100)			
Food	107	99	141
Crops	112	97	141
Cereals	123	99	135
Vegetable oils	149	88	145
Roots and tubers	128	96	92
Fruit and vegetables	118	96	541
Sugar	95	96	57
Livestock	76	108	144
Milk	143	100	248
Meat	63	110	126
Fish	98	87	79
Net trade (mln USD)			
Cereals and preparations	59	41	129
Fruit and vegetables	-6	-15	-16
Meat and meat preparations	-6	-2	-7
Dairy products (milk equivalent)	-16	-21	-34
Fish	22	61	108
Environment			
Forest land area (% of total land area)	84.5	84.3	83.9
Agricultural land area (% of total land area)	8.8	8.5	8.6
Freshwater withdrawal (% total renewable)	0.6	0.5	0.5
Terrestrial protected areas (% total land area)			8.7
Agriculture area under organic agric. (ha)		0	4
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	1 818	1 611	1 967
Net emissions in land use (CO ₂ eq. Gg)	10 095	13 635	32 246

Haiti

	1997	2007	2017
The setting			
Population, total (mill.)	8.0	9.5	11.1
Rural population, total (mill.)	5.4	5.3	5.0
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	1.2	1.4	1.6
Cropping intensity ratio	1.0	1.1	1.2
Total renew. water resources per cap. (m ³)	1 730	1 468	1 278
Land area equipped for irrigation (1 000 ha)	94	96	97
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	50.2	50.4	49.8
Employment in agriculture, female (%)	34.4	34.9	34.2
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)	1 342	1 072	782
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	1 937	1 976	2 133
Average dietary energy supply adequacy (%)	87	86	91
Dietary energy supply, cereals/roots/tubers (%)	52	53	51
Prevalence of undernourishment (% of pop.)	54.9	54.5	49.3
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	1 757	1 610	1 653
Cereal import dependency ratio (%)	57.1	63.0	54.0
Stunting, children under 5 (%)	28.3	29.7	21.9
Adult obesity (% of pop. 18 years and older)	9.5	13.4	20.5
At least basic drinking water (% pop. using)	56.2	60.7	65.5
Food supply			
Food production value (2004–06 mill. I\$)	860	1 053	1 530
Agriculture, value added (% GDP)	20.8	21.8	17.4
Food (excl. fish) exports (mill. USD)	18	14	22
Food (excl. fish) imports (mill. USD)	383	561	1 163
Production indices, gross (2004–06=100)			
Food	90	110	160
Crops	95	114	177
Cereals	126	127	128
Vegetable oils	103	114	142
Roots and tubers	98	112	194
Fruit and vegetables	90	105	175
Sugar	104	104	142
Livestock	74	102	104
Milk	90	105	106
Meat	71	101	104
Fish	57	124	163
Net trade (mln USD)			
Cereals and preparations	-176	-186	-472
Fruit and vegetables	-18	-30	-45
Meat and meat preparations	-21	-40	-107
Dairy products (milk equivalent)	-29	-44	-84
Fish	-4	-12	-50
Environment			
Forest land area (% of total land area)	4.0	3.8	3.5
Agricultural land area (% of total land area)	61.3	66.0	66.8
Freshwater withdrawal (% total renewable)	9.2	10.3	10.3
Terrestrial protected areas (% total land area)			1.9
Agriculture area under organic agric. (ha)		0	6
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	3 432	3 865	4 001
Net emissions in land use (CO ₂ eq. Gg)	147	184	147

Honduras

	1997	2007	2017
The setting			
Population, total (mill.)	6.0	7.8	9.6
Rural population, total (mill.)	3.4	3.9	4.0
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.9	1.0	1.5
Cropping intensity ratio	0.5	0.7	0.8
Total renew. water resources per cap. (m ³)	15 286	11 956	9 947
Land area equipped for irrigation (1 000 ha)	73	88	90
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	37.0	34.0	32.0
Employment in agriculture, female (%)	7.3	9.4	9.4
Fertilizers use, nitrogen, as N (1 000 t)	32.5	83.4	110.2
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	1.1	15.8	34.6
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.5	87.7	43.1
Agric. value added per worker (constant USD)	1 661	1 857	2 110
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 406	2 568	2 731
Average dietary energy supply adequacy (%)	112	117	119
Dietary energy supply, cereals/roots/tubers (%)	47	46	46
Prevalence of undernourishment (% of pop.)	19.6	15.7	12.9
Prev. of severe food insecurity (% of pop.)			17.7
Prev. moderate or severe food insecurity (% pop.)			49.3
GDP per capita (USD, PPP)	3 303	3 951	4 469
Cereal import dependency ratio (%)	46.0	49.9	56.1
Stunting, children under 5 (%)	34.5	29.9	22.7
Adult obesity (% of pop. 18 years and older)	10.8	14.1	19.4
At least basic drinking water (% pop. using)	84.8	89.2	94.8
Food supply			
Food production value (2004–06 mill. I\$)	1 236	1 663	1 834
Agriculture, value added (% GDP)	20.4	11.9	12.9
Food (excl. fish) exports (mill. USD)	181	494	1 206
Food (excl. fish) imports (mill. USD)	295	715	1 158
Production indices, gross (2004–06=100)			
Food	79	106	117
Crops	82	108	143
Cereals	139	137	142
Vegetable oils	35	119	204
Roots and tubers	71	120	131
Fruit and vegetables	86	97	107
Sugar	65	109	97
Livestock	75	108	109
Milk	76	113	100
Meat	73	104	114
Fish	52	111	112
Net trade (mln USD)			
Cereals and preparations	-140	-274	-331
Fruit and vegetables	141	187	346
Meat and meat preparations	-6	-48	-107
Dairy products (milk equivalent)	-28	-34	-14
Fish	151	168	429
Environment			
Forest land area (% of total land area)	61.8	49.6	38.9
Agricultural land area (% of total land area)	30.3	28.2	31.1
Freshwater withdrawal (% total renewable)		1.7	
Terrestrial protected areas (% total land area)			23.9
Agriculture area under organic agric. (ha)		8	29
Wood pellet production (1 000 t)		3	4
Emissions in agriculture (CO ₂ eq. Gg)	4 583	5 537	6 365
Net emissions in land use (CO ₂ eq. Gg)	634	608	1 603

Hungary

	1997	2007	2017
The setting			
Population, total (mill.)	10.3	10.0	9.7
Rural population, total (mill.)	3.6	3.3	2.8
Govt. expenditure on agric. (% total outlays)	3.9	2.5	1.5
Area harvested, crops (mill. ha)	4.1	3.9	3.7
Cropping intensity ratio	0.8	0.8	0.8
Total renew. water resources per cap. (m ³)	10 088	10 375	10 697
Land area equipped for irrigation (1 000 ha)	246	141	230
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	7.8	4.6	5.0
Employment in agriculture, female (%)	4.3	2.3	2.8
Fertilizers use, nitrogen, as N (1 000 t)	303.0	320.0	392.7
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	62.0	87.0	110.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	72.0	100.0	107.6
Agric. value added per worker (constant USD)	12 987	20 006	21 122
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 088	3 197	3 187
Average dietary energy supply adequacy (%)	122	126	126
Dietary energy supply, cereals/roots/tubers (%)	28	29	30
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			0.8
Prev. moderate or severe food insecurity (% pop.)			8.3
GDP per capita (USD, PPP)	17 961	23 500	26 861
Cereal import dependency ratio (%)	-31.4	-74.0	-77.1
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	20.8	23.8	28.6
At least basic drinking water (% pop. using)	100.0	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	6 771	5 660	6 300
Agriculture, value added (% GDP)	6.3	3.4	3.8
Food (excl. fish) exports (mill. USD)	2 363	5 041	7 486
Food (excl. fish) imports (mill. USD)	527	2 541	4 117
Production indices, gross (2004–06=100)			
Food	100	83	93
Crops	93	76	94
Cereals	90	61	89
Vegetable oils	48	103	186
Roots and tubers	171	84	60
Fruit and vegetables	101	95	82
Sugar	117	53	34
Livestock	112	97	90
Milk	106	97	101
Meat	116	97	86
Fish	79	108	113
Net trade (mln USD)			
Cereals and preparations	353	1 411	1 359
Fruit and vegetables	329	64	70
Meat and meat preparations	725	635	622
Dairy products (milk equivalent)	13	-135	-51
Fish	-40	-57	-84
Environment			
Forest land area (% of total land area)	21.0	22.4	22.8
Agricultural land area (% of total land area)	69.0	64.8	58.1
Freshwater withdrawal (% total renewable)	5.8	5.4	4.9
Terrestrial protected areas (% total land area)			22.6
Agriculture area under organic agric. (ha)		116	200
Wood pellet production (1 000 t)		27	5
Emissions in agriculture (CO ₂ eq. Gg)	7 360	6 765	7 341
Net emissions in land use (CO ₂ eq. Gg)	1 565	1 095	2 075

Iceland

	1997	2007	2017
The setting			
Population, total (mill.)	0.3	0.3	0.3
Rural population, total (mill.)	0.0	0.0	0.0
Govt. expenditure on agric. (% total outlays)	4.7	3.5	2.5
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.0	0.0	0.0
Total renew. water resources per cap. (m ³)	623 396	557 012	507 463
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	9.1	5.9	3.8
Employment in agriculture, female (%)	4.2	2.5	2.0
Fertilizers use, nitrogen, as N (1 000 t)	11.1	13.8	13.1
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	4.7	6.0	2.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	3.0	4.5	2.8
Agric. value added per worker (constant USD)	84 183	87 115	120 268
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 153	3 429	3 473
Average dietary energy supply adequacy (%)	125	135	137
Dietary energy supply, cereals/roots/tubers (%)	23	22	22
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			1.5
Prev. moderate or severe food insecurity (% pop.)			6.7
GDP per capita (USD, PPP)	34 951	44 624	47 840
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	16.4	19.3	23.1
At least basic drinking water (% pop. using)	100.0	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	82	105	122
Agriculture, value added (% GDP)	8.3	4.2	5.0
Food (excl. fish) exports (mill. USD)	9	21	52
Food (excl. fish) imports (mill. USD)	120	301	400
Production indices, gross (2004–06=100)			
Food	85	108	127
Crops	70	106	98
Cereals	101	100	140
Vegetable oils			
Roots and tubers	64	97	67
Fruit and vegetables	67	118	120
Sugar			
Livestock	86	108	128
Milk	93	112	138
Meat	81	106	121
Fish	140	89	75
Net trade (mln USD)			
Cereals and preparations	-35	-84	-90
Fruit and vegetables	-38	-103	-144
Meat and meat preparations	4	-2	1
Dairy products (milk equivalent)	-1	2	1
Fish	1 327	1 929	1 904
Environment			
Forest land area (% of total land area)	0.2	0.4	0.5
Agricultural land area (% of total land area)	18.9	18.7	18.7
Freshwater withdrawal (% total renewable)	0.1	0.1	0.2
Terrestrial protected areas (% total land area)			18.2
Agriculture area under organic agric. (ha)		6	10
Wood pellet production (1 000 t)		0	0
Emissions in agriculture (CO ₂ eq. Gg)	629	620	625
Net emissions in land use (CO ₂ eq. Gg)	39	-36	-146

India

	1997	2007	2017
The setting			
Population, total (mill.)	1 000.9	1 183.2	1 352.6
Rural population, total (mill.)	727.8	826.9	893.3
Govt. expenditure on agric. (% total outlays)	5.0	6.5	6.5
Area harvested, crops (mill. ha)	179.6	190.4	204.2
Cropping intensity ratio	1.1	1.1	1.2
Total renew. water resources per cap. (m ³)	1 916	1 620	1 427
Land area equipped for irrigation (1 000 ha)	56 005	65 771	70 400
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	61.1	53.9	44.5
Employment in agriculture, female (%)	75.0	69.2	57.6
Fertilizers use, nitrogen, as N (1 000 t)	10 469.2	14 417.7	16 959.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	4 029.1	5 518.1	6 854.4
Fertilizers use, potassium, as K ₂ O (1 000 t)	1 597.6	2 635.4	2 779.7
Agric. value added per worker (constant USD)	892	1 108	1 669
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 346	2 346	2 510
Average dietary energy supply adequacy (%)	106	104	109
Dietary energy supply, cereals/roots/tubers (%)	63	60	58
Prevalence of undernourishment (% of pop.)	18.2	19.2	14.5
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	2 710	3 849	6 516
Cereal import dependency ratio (%)	-1.5	-2.2	-8.6
Stunting, children under 5 (%)		47.9	38.4
Adult obesity (% of pop. 18 years and older)	1.5	2.3	3.8
At least basic drinking water (% pop. using)	79.0	84.5	92.7
Food supply			
Food production value (2004–06 mill. I\$)	153 269	203 078	273 435
Agriculture, value added (% GDP)	25.0	16.8	15.5
Food (excl. fish) exports (mill. USD)	2 602	9 779	21 294
Food (excl. fish) imports (mill. USD)	1 999	6 179	23 047
Production indices, gross (2004–06=100)			
Food	86	114	154
Crops	89	116	151
Cereals	94	109	130
Vegetable oils	93	125	130
Roots and tubers	84	102	155
Fruit and vegetables	82	118	175
Sugar	111	142	122
Livestock	76	111	165
Milk	74	112	181
Meat	86	107	117
Fish	81	105	175
Net trade (mln USD)			
Cereals and preparations	663	2 721	6 597
Fruit and vegetables	39	-542	-3 949
Meat and meat preparations	215	905	4 303
Dairy products (milk equivalent)	-4	196	120
Fish	1 214	1 623	7 079
Environment			
Forest land area (% of total land area)	21.8	23.1	23.9
Agricultural land area (% of total land area)	60.9	60.4	60.4
Freshwater withdrawal (% total renewable)	31.9	33.9	33.9
Terrestrial protected areas (% total land area)			6.0
Agriculture area under organic agric. (ha)		1 030	1 780
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	546 480	609 956	639 416
Net emissions in land use (CO ₂ eq. Gg)	-48 866	-122 541	125 612

Indonesia

	1997	2007	2017
The setting			
Population, total (mill.)	202.8	232.4	267.7
Rural population, total (mill.)	124.9	122.2	119.2
Govt. expenditure on agric. (% total outlays)		1.5	1.1
Area harvested, crops (mill. ha)	29.6	35.5	47.2
Cropping intensity ratio	0.9	0.8	0.9
Total renew. water resources per cap. (m ³)	9 954	8 666	7 648
Land area equipped for irrigation (1 000 ha)	4 772	6 722	6 722
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	41.2	41.3	30.8
Employment in agriculture, female (%)	42.0	41.4	28.8
Fertilizers use, nitrogen, as N (1 000 t)	1 974.7	2 503.3	2 952.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	254.7	358.0	785.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	259.9	1 130.8	2 087.8
Agric. value added per worker (constant USD)	2 050	2 278	3 632
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 442	2 517	2 875
Average dietary energy supply adequacy (%)	108	111	126
Dietary energy supply, cereals/roots/tubers (%)	72	69	69
Prevalence of undernourishment (% of pop.)	18.5	18.8	8.3
Prev. of severe food insecurity (% of pop.)			1.0
Prev. moderate or severe food insecurity (% pop.)			8.1
GDP per capita (USD, PPP)	5 807	7 470	11 161
Cereal import dependency ratio (%)	13.2	11.9	15.4
Stunting, children under 5 (%)	42.4	40.1	36.4
Adult obesity (% of pop. 18 years and older)	2.4	3.9	6.9
At least basic drinking water (% pop. using)	75.7	82.0	89.3
Food supply			
Food production value (2004–06 mill. I\$)	33 713	49 164	67 962
Agriculture, value added (% GDP)	13.3	12.5	13.1
Food (excl. fish) exports (mill. USD)	3 279	10 977	27 480
Food (excl. fish) imports (mill. USD)	2 745	6 123	14 244
Production indices, gross (2004–06=100)			
Food	75	109	150
Crops	73	110	150
Cereals	89	106	159
Vegetable oils	44	130	210
Roots and tubers	79	102	99
Fruit and vegetables	62	104	133
Sugar	98	89	75
Livestock	84	105	148
Milk	92	103	138
Meat	86	100	139
Fish	75	109	217
Net trade (mln USD)			
Cereals and preparations	-1 058	-1 901	-3 504
Fruit and vegetables	-29	-242	-823
Meat and meat preparations	-36	-149	-551
Dairy products (milk equivalent)	-143	-796	-848
Fish	1 514	1 983	3 806
Environment			
Forest land area (% of total land area)	58.0	53.3	47.7
Agricultural land area (% of total land area)	24.0	29.3	33.2
Freshwater withdrawal (% total renewable)	5.6	5.6	11.0
Terrestrial protected areas (% total land area)			12.2
Agriculture area under organic agric. (ha)		57	208
Wood pellet production (1 000 t)		20	140
Emissions in agriculture (CO ₂ eq. Gg)	131 732	143 449	180 968
Net emissions in land use (CO ₂ eq. Gg)	1 704 420	1 322 786	1 360 761

Iran (Islamic Republic of)

	1997	2007	2017
The setting			
Population, total (mill.)	63.1	71.3	81.8
Rural population, total (mill.)	23.9	22.4	20.6
Govt. expenditure on agric. (% total outlays)	4.6	3.1	
Area harvested, crops (mill. ha)	12.6	14.5	13.0
Cropping intensity ratio	0.7	0.8	0.8
Total renew. water resources per cap. (m ³)	2 185	1 902	1 688
Land area equipped for irrigation (1 000 ha)	7 329	8 856	9 600
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	23.6	22.8	17.6
Employment in agriculture, female (%)	18.9	33.1	21.3
Fertilizers use, nitrogen, as N (1 000 t)	947.1	1 116.8	564.9
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	342.4	392.8	98.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	119.4	139.0	35.3
Agric. value added per worker (constant USD)	6 494	6 975	10 209
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 057	3 013	3 122
Average dietary energy supply adequacy (%)	132	125	131
Dietary energy supply, cereals/roots/tubers (%)	59	53	53
Prevalence of undernourishment (% of pop.)	4.9	6.5	4.9
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	13 237	17 507	19 098
Cereal import dependency ratio (%)	41.2	24.3	36.6
Stunting, children under 5 (%)		7.1	
Adult obesity (% of pop. 18 years and older)	14.6	18.1	25.5
At least basic drinking water (% pop. using)	94.9	95.2	95.2
Food supply			
Food production value (2004–06 mill. I\$)	17 214	27 072	26 447
Agriculture, value added (% GDP)	9.2	7.2	9.5
Food (excl. fish) exports (mill. USD)	659	2 996	5 526
Food (excl. fish) imports (mill. USD)	2 889	4 003	8 354
Production indices, gross (2004–06=100)			
Food	72	114	111
Crops	74	116	111
Cereals	73	108	95
Vegetable oils	61	122	90
Roots and tubers	73	89	113
Fruit and vegetables	74	118	107
Sugar	65	98	120
Livestock	74	108	108
Milk	69	114	106
Meat	77	105	108
Fish	76	107	230
Net trade (mln USD)			
Cereals and preparations	-1 617	-840	-2 983
Fruit and vegetables	305	1 725	2 480
Meat and meat preparations	-141	-230	-661
Dairy products (milk equivalent)	-35	-57	287
Fish	20	18	273
Environment			
Forest land area (% of total land area)	5.7	6.6	6.6
Agricultural land area (% of total land area)	39.2	29.5	28.2
Freshwater withdrawal (% total renewable)	50.9	68.0	
Terrestrial protected areas (% total land area)			8.6
Agriculture area under organic agric. (ha)		12	12
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	37 277	41 024	30 294
Net emissions in land use (CO ₂ eq. Gg)	-172	-3 076	67 103

Iraq

	1997	2007	2017
The setting			
Population, total (mill.)	21.4	27.9	38.4
Rural population, total (mill.)	6.8	8.8	11.6
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	3.6	3.6	2.0
Cropping intensity ratio	0.8	0.7	0.4
Total renew. water resources per cap. (m ³)	4 178	3 165	2 348
Land area equipped for irrigation (1 000 ha)	3 525	3 525	3 525
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	25.2	22.0	19.0
Employment in agriculture, female (%)	31.8	27.8	23.7
Fertilizers use, nitrogen, as N (1 000 t)		126.4	180.9
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)		59.5	65.4
Fertilizers use, potassium, as K ₂ O (1 000 t)		4.8	5.2
Agric. value added per worker (constant USD)	5 570	5 117	3 088
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 195	2 370	2 449
Average dietary energy supply adequacy (%)	100	107	109
Dietary energy supply, cereals/roots/tubers (%)	61	64	63
Prevalence of undernourishment (% of pop.)	28.3	30.0	29.0
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	12 212	11 774	15 830
Cereal import dependency ratio (%)	78.2	59.5	51.8
Stunting, children under 5 (%)	28.3	27.5	
Adult obesity (% of pop. 18 years and older)	18.9	22.2	27.4
At least basic drinking water (% pop. using)	80.9	87.1	96.5
Food supply			
Food production value (2004–06 mill. I\$)	2 611	2 711	1 981
Agriculture, value added (% GDP)	13.0	5.8	3.4
Food (excl. fish) exports (mill. USD)	16	43	67
Food (excl. fish) imports (mill. USD)	1 280	2 563	9 696
Production indices, gross (2004–06=100)			
Food	96	99	72
Crops	98	99	62
Cereals	61	107	107
Vegetable oils	76	85	32
Roots and tubers	79	80	36
Fruit and vegetables	111	98	47
Sugar	807	282	733
Livestock	87	102	126
Milk	115	77	107
Meat	82	114	143
Fish	72	143	139
Net trade (mln USD)			
Cereals and preparations	-647	-1 254	-2 575
Fruit and vegetables	-13	-314	-2 192
Meat and meat preparations	0	-178	-1 010
Dairy products (milk equivalent)	-11	-111	-964
Fish	-1	-22	-148
Environment			
Forest land area (% of total land area)	1.9	1.9	1.9
Agricultural land area (% of total land area)	19.8	20.9	21.7
Freshwater withdrawal (% total renewable)	60.5	73.4	42.9
Terrestrial protected areas (% total land area)			1.5
Agriculture area under organic agric. (ha)			0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	6 371	6 071	6 802
Net emissions in land use (CO ₂ eq. Gg)	-988	-1 723	-2 010

Ireland

	1997	2007	2017
The setting			
Population, total (mill.)	3.7	4.3	4.8
Rural population, total (mill.)	1.5	1.7	1.8
Govt. expenditure on agric. (% total outlays)	3.3	1.9	1.1
Area harvested, crops (mill. ha)	0.4	0.3	0.3
Cropping intensity ratio	0.4	0.3	0.7
Total renew. water resources per cap. (m ³)	14 009	11 824	10 920
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	10.9	5.5	5.1
Employment in agriculture, female (%)	3.5	1.5	1.6
Fertilizers use, nitrogen, as N (1 000 t)	468.4	309.0	344.2
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	100.4	60.4	118.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	133.9	83.8	159.5
Agric. value added per worker (constant USD)	18 057	16 574	29 075
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 718	3 540	3 627
Average dietary energy supply adequacy (%)	149	142	147
Dietary energy supply, cereals/roots/tubers (%)	30	31	33
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			2.8
Prev. moderate or severe food insecurity (% pop.)			6.6
GDP per capita (USD, PPP)	39 385	48 747	66 604
Cereal import dependency ratio (%)	22.2	30.8	31.6
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	16.2	20.4	26.9
At least basic drinking water (% pop. using)	97.2	97.3	97.4
Food supply			
Food production value (2004–06 mill. I\$)	4 524	4 587	5 247
Agriculture, value added (% GDP)	3.9	1.0	1.2
Food (excl. fish) exports (mill. USD)	4 987	9 331	11 644
Food (excl. fish) imports (mill. USD)	2 034	5 432	6 926
Production indices, gross (2004–06=100)			
Food	99	100	115
Crops	98	84	106
Cereals	89	91	106
Vegetable oils	93	247	322
Roots and tubers	105	89	92
Fruit and vegetables	94	90	109
Sugar	149	4	7
Livestock	99	103	116
Milk	101	101	144
Meat	98	104	96
Fish	106	88	94
Net trade (mln USD)			
Cereals and preparations	275	423	1 346
Fruit and vegetables	-263	-793	-1 088
Meat and meat preparations	1 383	2 392	3 228
Dairy products (milk equivalent)	1 032	1 427	1 839
Fish	240	235	354
Environment			
Forest land area (% of total land area)	8.5	10.3	11.1
Agricultural land area (% of total land area)	64.3	62.1	64.9
Freshwater withdrawal (% total renewable)	2.3	1.4	1.5
Terrestrial protected areas (% total land area)			14.4
Agriculture area under organic agric. (ha)		41	74
Wood pellet production (1 000 t)		30	45
Emissions in agriculture (CO ₂ eq. Gg)	21 515	21 142	22 854
Net emissions in land use (CO ₂ eq. Gg)	-2 147	-7 004	-292

Israel

	1997	2007	2017
The setting			
Population, total (mill.)	5.6	6.8	8.4
Rural population, total (mill.)	0.5	0.6	0.6
Govt. expenditure on agric. (% total outlays)	0.8	0.6	0.5
Area harvested, crops (mill. ha)	0.3	0.3	0.3
Cropping intensity ratio	0.7	0.8	0.7
Total renew. water resources per cap. (m ³)	316	257	214
Land area equipped for irrigation (1 000 ha)	194	225	225
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	2.4	1.6	1.0
Employment in agriculture, female (%)	1.2	0.6	0.5
Fertilizers use, nitrogen, as N (1 000 t)	44.7	59.4	50.2
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	11.6	11.3	6.1
Fertilizers use, potassium, as K ₂ O (1 000 t)	31.6	34.8	36.0
Agric. value added per worker (constant USD)	43 464	71 433	94 454
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 547	3 557	3 671
Average dietary energy supply adequacy (%)	154	154	160
Dietary energy supply, cereals/roots/tubers (%)	33	35	34
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			1.2
Prev. moderate or severe food insecurity (% pop.)			8.6
GDP per capita (USD, PPP)	26 789	28 685	33 220
Cereal import dependency ratio (%)	96.1	92.5	93.2
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	20.9	23.4	26.7
At least basic drinking water (% pop. using)	100.0	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	2 039	2 739	2 888
Agriculture, value added (% GDP)	1.5	1.5	1.2
Food (excl. fish) exports (mill. USD)	852	1 618	1 766
Food (excl. fish) imports (mill. USD)	1 601	2 539	4 151
Production indices, gross (2004–06=100)			
Food	77	104	110
Crops	89	99	99
Cereals	68	102	78
Vegetable oils	84	76	128
Roots and tubers	47	107	91
Fruit and vegetables	89	101	98
Sugar			
Livestock	71	108	118
Milk	99	105	129
Meat	57	110	110
Fish	90	95	73
Net trade (mln USD)			
Cereals and preparations	-533	-841	-1 053
Fruit and vegetables	351	782	559
Meat and meat preparations	-96	-159	-558
Dairy products (milk equivalent)	-16	-41	-92
Fish	-128	-177	-608
Environment			
Forest land area (% of total land area)	6.8	7.1	7.8
Agricultural land area (% of total land area)	26.0	23.9	28.8
Freshwater withdrawal (% total renewable)	86.1	79.7	
Terrestrial protected areas (% total land area)			19.9
Agriculture area under organic agric. (ha)		6	6
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	1 298	1 406	1 553
Net emissions in land use (CO ₂ eq. Gg)	110	0	-73

Italy

	1997	2007	2017
The setting			
Population, total (mill.)	56.9	58.7	60.6
Rural population, total (mill.)	18.8	19.0	17.5
Govt. expenditure on agric. (% total outlays)	1.3	0.7	0.4
Area harvested, crops (mill. ha)	8.6	7.7	6.9
Cropping intensity ratio	0.8	0.8	0.7
Total renew. water resources per cap. (m ³)	3 345	3 225	3 223
Land area equipped for irrigation (1 000 ha)	3 639	3 951	4 005
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	5.9	4.0	3.8
Employment in agriculture, female (%)	5.2	3.1	2.3
Fertilizers use, nitrogen, as N (1 000 t)	845.0	812.5	602.1
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	316.1	280.4	160.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	256.9	271.3	115.8
Agric. value added per worker (constant USD)	31 172	41 420	43 137
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 678	3 613	3 620
Average dietary energy supply adequacy (%)	144	143	144
Dietary energy supply, cereals/roots/tubers (%)	33	33	33
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			1.0
Prev. moderate or severe food insecurity (% pop.)			7.1
GDP per capita (USD, PPP)	36 536	38 612	35 373
Cereal import dependency ratio (%)	17.9	22.0	25.3
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	16.7	19.4	22.9
At least basic drinking water (% pop. using)	100.0	99.8	99.4
Food supply			
Food production value (2004–06 mill. I\$)	31 907	31 449	28 560
Agriculture, value added (% GDP)	2.8	1.9	1.9
Food (excl. fish) exports (mill. USD)	11 307	21 773	30 585
Food (excl. fish) imports (mill. USD)	15 616	27 616	31 620
Production indices, gross (2004–06=100)			
Food	96	95	86
Crops	92	92	81
Cereals	92	95	78
Vegetable oils	100	83	72
Roots and tubers	113	99	75
Fruit and vegetables	87	94	85
Sugar	151	51	27
Livestock	105	101	96
Milk	109	98	102
Meat	103	102	92
Fish	117	102	77
Net trade (mln USD)			
Cereals and preparations	330	-261	800
Fruit and vegetables	1 753	2 502	2 850
Meat and meat preparations	-2 347	-3 493	-1 999
Dairy products (milk equivalent)	-1 822	-2 096	-400
Fish	-2 195	-4 378	-5 728
Environment			
Forest land area (% of total land area)	27.7	30.1	32.0
Agricultural land area (% of total land area)	52.2	48.1	43.6
Freshwater withdrawal (% total renewable)	23.6	28.1	17.9
Terrestrial protected areas (% total land area)			21.5
Agriculture area under organic agric. (ha)		1 150	1 909
Wood pellet production (1 000 t)		300	400
Emissions in agriculture (CO ₂ eq. Gg)	34 500	31 260	29 472
Net emissions in land use (CO ₂ eq. Gg)	-34 378	-34 157	-34 190

Jamaica

	1997	2007	2017
The setting			
Population, total (mill.)	2.6	2.8	2.9
Rural population, total (mill.)	1.3	1.3	1.3
Govt. expenditure on agric. (% total outlays)	1.1	1.1	1.7
Area harvested, crops (mill. ha)	0.2	0.2	0.1
Cropping intensity ratio	0.7	0.7	0.6
Total renew. water resources per cap. (m ³)	4 182	3 899	3 744
Land area equipped for irrigation (1 000 ha)	25	29	31
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	21.2	17.6	16.7
Employment in agriculture, female (%)	9.9	8.0	9.1
Fertilizers use, nitrogen, as N (1 000 t)	8.2	4.5	3.8
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	4.2	0.0	1.6
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.4	0.0	2.6
Agric. value added per worker (constant USD)	3 723	3 184	3 785
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 751	2 777	2 809
Average dietary energy supply adequacy (%)	117	116	114
Dietary energy supply, cereals/roots/tubers (%)	38	38	39
Prevalence of undernourishment (% of pop.)	7.4	7.7	8.0
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	7 940	8 706	8 154
Cereal import dependency ratio (%)	100.0	98.2	97.2
Stunting, children under 5 (%)	6.6	3.8	6.2
Adult obesity (% of pop. 18 years and older)	14.8	19.0	24.4
At least basic drinking water (% pop. using)	93.1	92.4	90.6
Food supply			
Food production value (2004–06 mill. I\$)	552	545	555
Agriculture, value added (% GDP)	7.6	4.6	6.6
Food (excl. fish) exports (mill. USD)	221	201	173
Food (excl. fish) imports (mill. USD)	359	611	748
Production indices, gross (2004–06=100)			
Food	102	101	103
Crops	118	105	101
Cereals	175	99	140
Vegetable oils	68	112	94
Roots and tubers	168	96	125
Fruit and vegetables	112	95	105
Sugar	142	116	66
Livestock	80	99	104
Milk	97	100	112
Meat	74	99	100
Fish	113	106	83
Net trade (mln USD)			
Cereals and preparations	-124	-198	-205
Fruit and vegetables	55	-36	-33
Meat and meat preparations	-62	-74	-66
Dairy products (milk equivalent)	-31	-49	-35
Fish	-36	-85	-102
Environment			
Forest land area (% of total land area)	31.6	31.2	30.9
Agricultural land area (% of total land area)	45.2	42.8	41.0
Freshwater withdrawal (% total renewable)	8.6	7.5	12.5
Terrestrial protected areas (% total land area)			15.9
Agriculture area under organic agric. (ha)		0	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	975	601	540
Net emissions in land use (CO ₂ eq. Gg)	425	563	526

Japan

	1997	2007	2017
The setting			
Population, total (mill.)	126.9	128.5	127.2
Rural population, total (mill.)	27.6	15.2	10.7
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	3.5	3.1	2.8
Cropping intensity ratio	0.7	0.7	0.6
Total renew. water resources per cap. (m ³)	3 388	3 346	3 373
Land area equipped for irrigation (1 000 ha)	2 701	2 530	2 418
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	5.4	4.3	3.4
Employment in agriculture, female (%)	6.0	4.3	3.0
Fertilizers use, nitrogen, as N (1 000 t)	531.0	514.5	380.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	635.6	593.0	339.9
Fertilizers use, potassium, as K ₂ O (1 000 t)	307.3	408.6	309.8
Agric. value added per worker (constant USD)	21 353	24 305	23 954
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 895	2 776	2 752
Average dietary energy supply adequacy (%)	118	114	114
Dietary energy supply, cereals/roots/tubers (%)	41	40	41
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			0.6
Prev. moderate or severe food insecurity (% pop.)			2.8
GDP per capita (USD, PPP)	33 872	36 697	38 907
Cereal import dependency ratio (%)	77.4	77.7	75.8
Stunting, children under 5 (%)		7.1	
Adult obesity (% of pop. 18 years and older)	2.2	3.0	4.4
At least basic drinking water (% pop. using)	98.5	98.6	99.0
Food supply			
Food production value (2004–06 mill. I\$)	19 714	18 424	17 344
Agriculture, value added (% GDP)	1.6	1.1	1.1
Food (excl. fish) exports (mill. USD)	785	1 325	2 660
Food (excl. fish) imports (mill. USD)	25 780	31 889	39 067
Production indices, gross (2004–06=100)			
Food	108	101	95
Crops	114	100	87
Cereals	112	100	90
Vegetable oils	87	106	114
Roots and tubers	121	102	78
Fruit and vegetables	116	100	86
Sugar	92	105	97
Livestock	103	101	101
Milk	105	97	88
Meat	101	102	106
Fish	132	100	75
Net trade (mln USD)			
Cereals and preparations	-5 688	-7 582	-6 252
Fruit and vegetables	-5 546	-6 671	-8 596
Meat and meat preparations	-7 564	-8 711	-13 001
Dairy products (milk equivalent)	-734	-1 127	-1 455
Fish	-14 650	-11 522	-12 961
Environment			
Forest land area (% of total land area)	68.3	68.4	68.5
Agricultural land area (% of total land area)	14.7	12.8	12.2
Freshwater withdrawal (% total renewable)	20.7	19.2	18.9
Terrestrial protected areas (% total land area)			29.4
Agriculture area under organic agric. (ha)		7	10
Wood pellet production (1 000 t)		78	126
Emissions in agriculture (CO ₂ eq. Gg)	24 437	22 425	19 498
Net emissions in land use (CO ₂ eq. Gg)	-76 294	-144 791	4 476

Jordan

	1997	2007	2017
The setting			
Population, total (mill.)	4.8	6.3	10.0
Rural population, total (mill.)	1.1	1.1	0.9
Govt. expenditure on agric. (% total outlays)		0.7	0.7
Area harvested, crops (mill. ha)	0.2	0.2	0.2
Cropping intensity ratio	0.8	0.8	0.7
Total renew. water resources per cap. (m ³)	194	151	97
Land area equipped for irrigation (1 000 ha)	75	81	107
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	4.2	3.9	3.5
Employment in agriculture, female (%)	3.4	1.3	1.1
Fertilizers use, nitrogen, as N (1 000 t)	88.8	36.9	19.9
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	199.2	16.5	0.7
Fertilizers use, potassium, as K ₂ O (1 000 t)	22.2	88.0	4.2
Agric. value added per worker (constant USD)	12 495	15 059	16 718
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 561	2 844	2 615
Average dietary energy supply adequacy (%)	114	124	114
Dietary energy supply, cereals/roots/tubers (%)	49	47	46
Prevalence of undernourishment (% of pop.)	12.6	7.1	12.2
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	7 220	9 416	8 299
Cereal import dependency ratio (%)	91.5	100.0	93.6
Stunting, children under 5 (%)	12.0	8.3	7.8
Adult obesity (% of pop. 18 years and older)	22.4	26.8	33.4
At least basic drinking water (% pop. using)	99.4	99.2	98.9
Food supply			
Food production value (2004–06 mill. I\$)	667	1 007	1 387
Agriculture, value added (% GDP)	4.0	3.5	5.5
Food (excl. fish) exports (mill. USD)	284	615	1 044
Food (excl. fish) imports (mill. USD)	802	1 706	3 070
Production indices, gross (2004–06=100)			
Food	67	102	140
Crops	59	95	130
Cereals	114	75	138
Vegetable oils	41	89	103
Roots and tubers	57	60	67
Fruit and vegetables	62	100	140
Sugar			
Livestock	84	114	158
Milk	56	119	139
Meat	89	116	175
Fish	63	98	170
Net trade (mln USD)			
Cereals and preparations	-274	-699	-812
Fruit and vegetables	36	232	28
Meat and meat preparations	-56	-119	-328
Dairy products (milk equivalent)	-77	-113	-227
Fish	-26	-56	-112
Environment			
Forest land area (% of total land area)	1.1	1.1	1.1
Agricultural land area (% of total land area)	12.0	10.9	11.3
Freshwater withdrawal (% total renewable)	78.8	98.4	96.4
Terrestrial protected areas (% total land area)			1.8
Agriculture area under organic agric. (ha)		1	1
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	809	1 052	1 153
Net emissions in land use (CO ₂ eq. Gg)	0	0	0

Kazakhstan

	1997	2007	2017
The setting			
Population, total (mill.)	15.4	15.7	18.3
Rural population, total (mill.)	6.9	6.9	7.8
Govt. expenditure on agric. (% total outlays)	3.9	4.1	1.7
Area harvested, crops (mill. ha)	14.9	16.4	18.8
Cropping intensity ratio	0.5	0.6	0.6
Total renew. water resources per cap. (m ³)	6 957	6 843	5 955
Land area equipped for irrigation (1 000 ha)	2 675	2 017	2 066
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	36.5	31.2	15.1
Employment in agriculture, female (%)	35.1	29.7	14.3
Fertilizers use, nitrogen, as N (1 000 t)	12.8	37.5	91.5
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	10.7	20.5	33.1
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.2	0.9	2.5
Agric. value added per worker (constant USD)	1 983	2 987	6 668
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 813	3 140	3 221
Average dietary energy supply adequacy (%)	116	129	138
Dietary energy supply, cereals/roots/tubers (%)	41	40	33
Prevalence of undernourishment (% of pop.)	5.8	4.3	<2.5
Prev. of severe food insecurity (% of pop.)			1.9
Prev. moderate or severe food insecurity (% pop.)			9.3
GDP per capita (USD, PPP)	9 952	18 885	24 079
Cereal import dependency ratio (%)	-58.8	-76.7	-79.2
Stunting, children under 5 (%)		17.5	8.0
Adult obesity (% of pop. 18 years and older)	13.6	16.2	21.3
At least basic drinking water (% pop. using)	84.6	89.1	95.6
Food supply			
Food production value (2004–06 mill. I\$)	5 391	8 149	10 103
Agriculture, value added (% GDP)	11.4	5.7	4.4
Food (excl. fish) exports (mill. USD)	696	1 857	1 956
Food (excl. fish) imports (mill. USD)	403	1 662	2 580
Production indices, gross (2004–06=100)			
Food	77	117	145
Crops	67	122	168
Cereals	85	141	141
Vegetable oils	29	100	423
Roots and tubers	62	101	149
Fruit and vegetables	39	99	185
Sugar	37	89	133
Livestock	87	108	118
Milk	70	107	116
Meat	103	109	113
Fish	100	102	97
Net trade (mln USD)			
Cereals and preparations	560	1 450	1 084
Fruit and vegetables	1	-92	-641
Meat and meat preparations	-6	-165	-252
Dairy products (milk equivalent)	-29	-239	-231
Fish	10	23	-23
Environment			
Forest land area (% of total land area)	1.3	1.2	1.2
Agricultural land area (% of total land area)	79.9	78.3	80.4
Freshwater withdrawal (% total renewable)	30.7	18.3	19.8
Terrestrial protected areas (% total land area)			3.3
Agriculture area under organic agric. (ha)		157	277
Wood pellet production (1 000 t)		0	0
Emissions in agriculture (CO ₂ eq. Gg)	19 440	20 551	24 402
Net emissions in land use (CO ₂ eq. Gg)	663	200	90

Kenya

	1997	2007	2017
The setting			
Population, total (mill.)	29.4	38.7	51.4
Rural population, total (mill.)	23.5	29.5	37.2
Govt. expenditure on agric. (% total outlays)	4.8	3.4	1.8
Area harvested, crops (mill. ha)	4.1	4.5	5.7
Cropping intensity ratio	0.8	0.8	0.9
Total renew. water resources per cap. (m ³)	1 060	806	618
Land area equipped for irrigation (1 000 ha)	75	130	151
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	46.0	60.1	57.8
Employment in agriculture, female (%)	55.8	67.0	64.3
Fertilizers use, nitrogen, as N (1 000 t)	62.7	79.4	83.8
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	75.5	99.1	34.6
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.9	14.3	12.9
Agric. value added per worker (constant USD)	1 397	1 247	1 245
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 064	2 125	2 152
Average dietary energy supply adequacy (%)	97	99	98
Dietary energy supply, cereals/roots/tubers (%)	55	56	58
Prevalence of undernourishment (% of pop.)	31.3	25.6	29.4
Prev. of severe food insecurity (% of pop.)			19.1
Prev. moderate or severe food insecurity (% pop.)			56.5
GDP per capita (USD, PPP)	2 098	2 356	2 962
Cereal import dependency ratio (%)	24.5	23.2	32.7
Stunting, children under 5 (%)	41.0	35.2	26.0
Adult obesity (% of pop. 18 years and older)	2.5	3.7	6.0
At least basic drinking water (% pop. using)	47.3	52.3	58.9
Food supply			
Food production value (2004–06 mill. I\$)	3 811	6 100	6 729
Agriculture, value added (% GDP)	24.4	20.6	31.5
Food (excl. fish) exports (mill. USD)	265	656	875
Food (excl. fish) imports (mill. USD)	503	899	2 867
Production indices, gross (2004–06=100)			
Food	68	109	120
Crops	71	109	123
Cereals	75	101	104
Vegetable oils	88	112	108
Roots and tubers	50	104	94
Fruit and vegetables	73	115	121
Sugar	93	108	99
Livestock	67	108	116
Milk	61	98	117
Meat	69	118	116
Fish	111	94	92
Net trade (mln USD)			
Cereals and preparations	-294	-296	-1 144
Fruit and vegetables	130	353	328
Meat and meat preparations	1	7	48
Dairy products (milk equivalent)	-1	12	-102
Fish	40	53	-4
Environment			
Forest land area (% of total land area)	6.9	7.2	7.9
Agricultural land area (% of total land area)	46.7	47.6	48.5
Freshwater withdrawal (% total renewable)	6.7	7.6	13.1
Terrestrial protected areas (% total land area)			12.4
Agriculture area under organic agric. (ha)		5	177
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	21 251	38 688	38 797
Net emissions in land use (CO ₂ eq. Gg)	58 886	-30 370	-31 100

Kuwait

	1997	2007	2017
The setting			
Population, total (mill.)	1.7	2.5	4.1
Rural population, total (mill.)	0.0	0.0	0.0
Govt. expenditure on agric. (% total outlays)	0.6	0.7	0.5
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.7	0.7	0.7
Total renew. water resources per cap. (m ³)	12	8	5
Land area equipped for irrigation (1 000 ha)	6	10	18
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	2.2	2.6	2.3
Employment in agriculture, female (%)	0.1	0.1	0.0
Fertilizers use, nitrogen, as N (1 000 t)	0.0	13.5	0.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.0	2.0	2.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.0	0.3	5.1
Agric. value added per worker (constant USD)		13 049	11 454
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 439	3 555	3 345
Average dietary energy supply adequacy (%)	143	145	136
Dietary energy supply, cereals/roots/tubers (%)	39	40	43
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	2.8
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	70 112	96 847	66 009
Cereal import dependency ratio (%)	100.0	100.0	97.3
Stunting, children under 5 (%)	4.0	5.1	4.9
Adult obesity (% of pop. 18 years and older)	28.5	31.6	37.0
At least basic drinking water (% pop. using)	100.0	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	121	222	377
Agriculture, value added (% GDP)	0.4	0.2	0.5
Food (excl. fish) exports (mill. USD)	38	53	475
Food (excl. fish) imports (mill. USD)	1 080	1 887	4 221
Production indices, gross (2004–06=100)			
Food	64	117	199
Crops	51	122	174
Cereals	31	206	51
Vegetable oils	11	183	450
Roots and tubers	110	96	180
Fruit and vegetables	48	122	177
Sugar			
Livestock	75	113	218
Milk	85	147	177
Meat	79	112	183
Fish	143	84	77
Net trade (mln USD)			
Cereals and preparations	-198	-392	-830
Fruit and vegetables	-249	-326	-869
Meat and meat preparations	-132	-309	-602
Dairy products (milk equivalent)	-141	-338	-484
Fish	-6	-73	-228
Environment			
Forest land area (% of total land area)	0.2	0.3	0.4
Agricultural land area (% of total land area)	8.0	8.5	8.5
Freshwater withdrawal (% total renewable)	1 275.0	2 075.0	
Terrestrial protected areas (% total land area)			17.5
Agriculture area under organic agric. (ha)			0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	264	401	480
Net emissions in land use (CO ₂ eq. Gg)	-37	-37	-37

Kyrgyzstan

	1997	2007	2017
The setting			
Population, total (mill.)	4.7	5.2	6.3
Rural population, total (mill.)	3.0	3.4	3.9
Govt. expenditure on agric. (% total outlays)	4.6	3.8	1.6
Area harvested, crops (mill. ha)	0.9	0.9	1.0
Cropping intensity ratio	0.7	0.7	0.7
Total renew. water resources per cap. (m ³)	5 019	4 551	3 907
Land area equipped for irrigation (1 000 ha)	1 072	1 021	1 023
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	48.3	34.5	26.6
Employment in agriculture, female (%)	48.6	33.9	27.7
Fertilizers use, nitrogen, as N (1 000 t)	9.2	26.1	24.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.2	2.6	1.4
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.0	1.0	0.2
Agric. value added per worker (constant USD)	695	1 050	1 521
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 458	2 674	2 787
Average dietary energy supply adequacy (%)	107	113	120
Dietary energy supply, cereals/roots/tubers (%)	58	54	53
Prevalence of undernourishment (% of pop.)	16.3	10.2	7.1
Prev. of severe food insecurity (% of pop.)			5.1
Prev. moderate or severe food insecurity (% pop.)			23.9
GDP per capita (USD, PPP)	2 075	2 599	3 394
Cereal import dependency ratio (%)	8.2	24.8	28.3
Stunting, children under 5 (%)		18.1	12.9
Adult obesity (% of pop. 18 years and older)	8.6	10.8	15.4
At least basic drinking water (% pop. using)	80.6	83.5	87.5
Food supply			
Food production value (2004–06 mill. I\$)	1 348	1 732	2 124
Agriculture, value added (% GDP)	41.2	26.9	12.3
Food (excl. fish) exports (mill. USD)	58	132	180
Food (excl. fish) imports (mill. USD)	80	299	476
Production indices, gross (2004–06=100)			
Food	79	102	125
Crops	72	100	123
Cereals	102	87	103
Vegetable oils	44	85	48
Roots and tubers	54	110	113
Fruit and vegetables	65	108	147
Sugar	53	40	185
Livestock	90	102	119
Milk	76	104	131
Meat	101	100	107
Fish	584	279	5 054
Net trade (mln USD)			
Cereals and preparations	-27	-121	-108
Fruit and vegetables	18	51	37
Meat and meat preparations	5	-22	-36
Dairy products (milk equivalent)	0	10	-23
Fish	-2	-5	-7
Environment			
Forest land area (% of total land area)	4.4	4.1	3.2
Agricultural land area (% of total land area)	55.6	55.9	55.0
Freshwater withdrawal (% total renewable)	41.5	32.6	
Terrestrial protected areas (% total land area)			6.7
Agriculture area under organic agric. (ha)		15	19
Wood pellet production (1 000 t)			0
Emissions in agriculture (CO ₂ eq. Gg)	2 900	3 491	4 794
Net emissions in land use (CO ₂ eq. Gg)	-2 481	14 449	-807

Lao People's Democratic Republic

	1997	2007	2017
The setting			
Population, total (mill.)	5.1	5.9	7.1
Rural population, total (mill.)	4.1	4.3	4.5
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.8	1.2	1.7
Cropping intensity ratio	0.9	0.9	1.0
Total renew. water resources per cap. (m ³)	65 948	56 050	48 629
Land area equipped for irrigation (1 000 ha)	164	310	310
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	83.2	75.2	68.4
Employment in agriculture, female (%)	87.2	78.1	70.2
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)	585	690	787
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 083	2 256	2 482
Average dietary energy supply adequacy (%)	94	99	106
Dietary energy supply, cereals/roots/tubers (%)	77	73	69
Prevalence of undernourishment (% of pop.)	37.7	24.7	16.5
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	2 488	3 524	6 308
Cereal import dependency ratio (%)	1.8	-1.7	-5.2
Stunting, children under 5 (%)	48.2	47.6	
Adult obesity (% of pop. 18 years and older)	1.4	2.4	4.5
At least basic drinking water (% pop. using)	46.5	62.0	82.1
Food supply			
Food production value (2004–06 mill. I\$)	769	1 471	2 584
Agriculture, value added (% GDP)	49.8	23.8	16.2
Food (excl. fish) exports (mill. USD)	8	11	206
Food (excl. fish) imports (mill. USD)	49	86	755
Production indices, gross (2004–06=100)			
Food	58	111	196
Crops	57	112	217
Cereals	62	111	168
Vegetable oils	71	136	211
Roots and tubers	80	160	991
Fruit and vegetables	29	113	255
Sugar	45	152	830
Livestock	73	104	126
Milk	96	105	135
Meat	73	104	126
Fish	45	103	196
Net trade (mln USD)			
Cereals and preparations	-21	-21	-54
Fruit and vegetables	0	-8	83
Meat and meat preparations	0	0	-119
Dairy products (milk equivalent)			-36
Fish	-1	-2	-2
Environment			
Forest land area (% of total land area)	73.1	74.7	82.9
Agricultural land area (% of total land area)	7.6	8.9	10.4
Freshwater withdrawal (% total renewable)		1.0	
Terrestrial protected areas (% total land area)			16.7
Agriculture area under organic agric. (ha)		2	8
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	6 000	6 798	8 719
Net emissions in land use (CO ₂ eq. Gg)	10 020	28 543	25 312

Latvia

	1997	2007	2017
The setting			
Population, total (mill.)	2.5	2.2	1.9
Rural population, total (mill.)	0.8	0.7	0.6
Govt. expenditure on agric. (% total outlays)		4.2	2.2
Area harvested, crops (mill. ha)	0.6	0.7	0.8
Cropping intensity ratio	0.6	0.6	0.6
Total renew. water resources per cap. (m ³)	14 244	15 889	17 918
Land area equipped for irrigation (1 000 ha)	1	1	1
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	21.6	10.2	6.9
Employment in agriculture, female (%)	19.2	7.8	4.2
Fertilizers use, nitrogen, as N (1 000 t)	36.0	47.7	77.4
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	4.5	16.0	25.9
Fertilizers use, potassium, as K ₂ O (1 000 t)	8.6	16.7	30.2
Agric. value added per worker (constant USD)	3 159	8 517	16 951
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 840	3 177	3 203
Average dietary energy supply adequacy (%)	114	128	130
Dietary energy supply, cereals/roots/tubers (%)	40	33	35
Prevalence of undernourishment (% of pop.)	5.3	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			1.2
Prev. moderate or severe food insecurity (% pop.)			10.0
GDP per capita (USD, PPP)	11 175	21 939	25 030
Cereal import dependency ratio (%)	4.8	-45.2	-94.7
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	20.8	22.6	25.7
At least basic drinking water (% pop. using)	97.8	98.1	98.6
Food supply			
Food production value (2004–06 mill. I\$)	885	909	1 218
Agriculture, value added (% GDP)	5.1	3.3	3.2
Food (excl. fish) exports (mill. USD)	122	566	1 561
Food (excl. fish) imports (mill. USD)	222	930	1 443
Production indices, gross (2004–06=100)			
Food	110	113	151
Crops	107	114	178
Cereals	84	131	247
Vegetable oils	1	159	262
Roots and tubers	154	105	67
Fruit and vegetables	153	85	61
Sugar	78	54	
Livestock	112	111	125
Milk	123	105	124
Meat	101	120	123
Fish	76	112	85
Net trade (mln USD)			
Cereals and preparations	-18	52	333
Fruit and vegetables	-38	-217	-200
Meat and meat preparations	-4	-106	-89
Dairy products (milk equivalent)	32	93	110
Fish	44	51	45
Environment			
Forest land area (% of total land area)	51.8	53.4	54.0
Agricultural land area (% of total land area)	28.5	29.6	31.1
Freshwater withdrawal (% total renewable)	1.2	0.6	0.6
Terrestrial protected areas (% total land area)			18.2
Agriculture area under organic agric. (ha)		148	269
Wood pellet production (1 000 t)		979	1 517
Emissions in agriculture (CO ₂ eq. Gg)	2 611	2 410	2 705
Net emissions in land use (CO ₂ eq. Gg)	-12 672	-15 525	-13 677

Lebanon

	1997	2007	2017
The setting			
Population, total (mill.)	3.7	4.8	6.9
Rural population, total (mill.)	0.4	0.5	0.7
Govt. expenditure on agric. (% total outlays)	0.3	0.3	0.3
Area harvested, crops (mill. ha)	0.3	0.3	0.2
Cropping intensity ratio	0.8	1.0	0.9
Total renew. water resources per cap. (m ³)	1 456	1 102	740
Land area equipped for irrigation (1 000 ha)	100	104	104
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	15.5	13.7	12.2
Employment in agriculture, female (%)	19.8	17.6	15.8
Fertilizers use, nitrogen, as N (1 000 t)	19.8	14.4	22.9
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	6.4	0.0	38.5
Fertilizers use, potassium, as K ₂ O (1 000 t)	8.0	8.8	9.4
Agric. value added per worker (constant USD)	8 148	6 967	6 303
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 327	3 185	2 764
Average dietary energy supply adequacy (%)	141	132	114
Dietary energy supply, cereals/roots/tubers (%)	37	38	39
Prevalence of undernourishment (% of pop.)	-2.5	3.4	11.0
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	10 617	11 522	11 647
Cereal import dependency ratio (%)	90.0	79.8	86.5
Stunting, children under 5 (%)		16.5	
Adult obesity (% of pop. 18 years and older)	23.3	26.3	31.3
At least basic drinking water (% pop. using)	85.4	88.6	92.6
Food supply			
Food production value (2004–06 mill. I\$)	1 281	1 231	1 087
Agriculture, value added (% GDP)	4.6	4.9	2.9
Food (excl. fish) exports (mill. USD)	94	271	604
Food (excl. fish) imports (mill. USD)	1 049	1 426	2 595
Production indices, gross (2004–06=100)			
Food	104	99	88
Crops	115	97	92
Cereals	49	85	92
Vegetable oils	69	57	83
Roots and tubers	62	110	82
Fruit and vegetables	131	104	93
Sugar	544	56	9
Livestock	74	105	77
Milk	83	103	93
Meat	68	106	75
Fish	85	98	100
Net trade (mln USD)			
Cereals and preparations	-197	-290	-565
Fruit and vegetables	-188	-90	-184
Meat and meat preparations	-63	-115	-188
Dairy products (milk equivalent)	-160	-209	-308
Fish	-44	-71	-153
Environment			
Forest land area (% of total land area)	12.8	13.4	13.4
Agricultural land area (% of total land area)	60.8	66.2	64.3
Freshwater withdrawal (% total renewable)	29.3	24.3	40.2
Terrestrial protected areas (% total land area)			2.6
Agriculture area under organic agric. (ha)		2	1
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	573	574	794
Net emissions in land use (CO ₂ eq. Gg)	0	-73	0

Lesotho

	1997	2007	2017
The setting			
Population, total (mill.)	2.0	2.0	2.1
Rural population, total (mill.)	1.5	1.5	1.6
Govt. expenditure on agric. (% total outlays)	4.2	3.2	
Area harvested, crops (mill. ha)	0.2	0.2	0.3
Cropping intensity ratio	0.7	0.6	0.6
Total renew. water resources per cap. (m ³)	1 670	1 525	1 353
Land area equipped for irrigation (1 000 ha)	3	3	3
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	72.1	71.3	67.1
Employment in agriculture, female (%)	64.3	63.1	58.6
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)	301	238	407
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 468	2 571	2 557
Average dietary energy supply adequacy (%)	112	115	113
Dietary energy supply, cereals/roots/tubers (%)	80	80	79
Prevalence of undernourishment (% of pop.)	13.6	12.0	13.1
Prev. of severe food insecurity (% of pop.)			50.0
Prev. moderate or severe food insecurity (% pop.)			77.8
GDP per capita (USD, PPP)	1 637	2 101	2 846
Cereal import dependency ratio (%)	46.1	64.2	74.7
Stunting, children under 5 (%)	53.0	39.0	33.2
Adult obesity (% of pop. 18 years and older)	8.4	10.4	13.5
At least basic drinking water (% pop. using)	67.5	67.7	68.6
Food supply			
Food production value (2004–06 mill. I\$)	158	166	189
Agriculture, value added (% GDP)	6.8	5.0	5.5
Food (excl. fish) exports (mill. USD)	2	1	16
Food (excl. fish) imports (mill. USD)	133	119	318
Production indices, gross (2004–06=100)			
Food	99	104	119
Crops	135	93	146
Cereals	183	64	190
Vegetable oils			
Roots and tubers	82	101	135
Fruit and vegetables	81	106	87
Sugar			
Livestock	86	109	108
Milk	84	110	107
Meat	86	109	108
Fish	94	384	2 897
Net trade (mln USD)			
Cereals and preparations	-59	-48	-91
Fruit and vegetables	-26	-27	-45
Meat and meat preparations	-10	-12	-69
Dairy products (milk equivalent)			-25
Fish	0	-2	-3
Environment			
Forest land area (% of total land area)	1.4	1.4	1.7
Agricultural land area (% of total land area)	76.7	76.7	79.6
Freshwater withdrawal (% total renewable)	1.4	1.4	
Terrestrial protected areas (% total land area)			0.3
Agriculture area under organic agric. (ha)		0	1
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	1 230	1 448	1 361
Net emissions in land use (CO ₂ eq. Gg)	-24	-36	-183

Liberia

	1997	2007	2017
The setting			
Population, total (mill.)	2.3	3.5	4.8
Rural population, total (mill.)	1.3	1.9	2.4
Govt. expenditure on agric. (% total outlays)		3.3	2.0
Area harvested, crops (mill. ha)	0.4	0.5	0.6
Cropping intensity ratio	0.7	0.9	0.8
Total renew. water resources per cap. (m ³)	98 388	66 040	49 028
Land area equipped for irrigation (1 000 ha)	3	3	3
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	50.9	47.8	46.4
Employment in agriculture, female (%)	51.1	48.0	46.4
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)	1 465	792	1 055
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 084	2 164	2 228
Average dietary energy supply adequacy (%)	97	100	101
Dietary energy supply, cereals/roots/tubers (%)	64	65	66
Prevalence of undernourishment (% of pop.)	38.4	38.2	37.2
Prev. of severe food insecurity (% of pop.)			62.2
Prev. moderate or severe food insecurity (% pop.)			86.2
GDP per capita (USD, PPP)	1 318	1 034	1 176
Cereal import dependency ratio (%)	62.3	69.4	54.1
Stunting, children under 5 (%)	45.3	39.4	32.1
Adult obesity (% of pop. 18 years and older)	4.7	6.0	8.6
At least basic drinking water (% pop. using)	62.2	67.6	72.9
Food supply			
Food production value (2004–06 mill. I\$)	221	294	352
Agriculture, value added (% GDP)	66.2	54.4	81.2
Food (excl. fish) exports (mill. USD)	2	3	40
Food (excl. fish) imports (mill. USD)	66	149	339
Production indices, gross (2004–06=100)			
Food	86	114	137
Crops	78	114	109
Cereals	118	162	212
Vegetable oils	100	100	105
Roots and tubers	64	106	107
Fruit and vegetables	85	105	125
Sugar	98	104	107
Livestock	84	109	142
Milk	100	100	118
Meat	83	110	145
Fish	73	125	128
Net trade (mln USD)			
Cereals and preparations	-40	-77	-199
Fruit and vegetables	-4	-9	-9
Meat and meat preparations	-6	-9	-56
Dairy products (milk equivalent)	-2	-7	-7
Fish	-2	-2	-7
Environment			
Forest land area (% of total land area)	49.0	45.9	42.8
Agricultural land area (% of total land area)	26.2	27.1	28.1
Freshwater withdrawal (% total renewable)	0.1	0.1	
Terrestrial protected areas (% total land area)			4.1
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	265	326	476
Net emissions in land use (CO ₂ eq. Gg)	15 058	15 353	1 588

Libya

	1997	2007	2017
The setting			
Population, total (mill.)	5.1	6.0	6.7
Rural population, total (mill.)	1.2	1.3	1.3
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.6	0.7	0.8
Cropping intensity ratio	0.2	0.4	0.4
Total renew. water resources per cap. (m ³)	17	117	110
Land area equipped for irrigation (1 000 ha)	470	407	400
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	9.5	8.8	8.0
Employment in agriculture, female (%)	10.9	10.1	9.5
Fertilizers use, nitrogen, as N (1 000 t)	30.8	32.0	15.6
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	31.4	18.6	18.8
Fertilizers use, potassium, as K ₂ O (1 000 t)	3.2	2.6	0.2
Agric. value added per worker (constant USD)			
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 202	3 197	3 305
Average dietary energy supply adequacy (%)	136	134	139
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	21 913	28 600	17 322
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)		21.0	
Adult obesity (% of pop. 18 years and older)	20.9	24.6	31.8
At least basic drinking water (% pop. using)	84.3	90.5	98.5
Food supply			
Food production value (2004–06 mill. I\$)	1 031	1 115	1 209
Agriculture, value added (% GDP)	7.9	2.4	0.8
Food (excl. fish) exports (mill. USD)	22	1	8
Food (excl. fish) imports (mill. USD)	922	1 562	2 366
Production indices, gross (2004–06=100)			
Food	99	107	116
Crops	102	104	115
Cereals	99	95	88
Vegetable oils	102	99	101
Roots and tubers	83	117	141
Fruit and vegetables	103	105	116
Sugar			
Livestock	93	112	116
Milk	103	114	105
Meat	94	117	122
Fish	98	85	85
Net trade (mln USD)			
Cereals and preparations	-471	-735	-801
Fruit and vegetables	-57	-174	-263
Meat and meat preparations	-13	-53	-251
Dairy products (milk equivalent)	-73	-248	-259
Fish	-4	-24	-137
Environment			
Forest land area (% of total land area)	0.1	0.1	0.1
Agricultural land area (% of total land area)	8.9	8.7	8.7
Freshwater withdrawal (% total renewable)	657.1	688.9	822.9
Terrestrial protected areas (% total land area)			0.2
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	1 866	2 558	2 612
Net emissions in land use (CO ₂ eq. Gg)	0	0	0

Lithuania

	1997	2007	2017
The setting			
Population, total (mill.)	3.6	3.3	2.8
Rural population, total (mill.)	1.2	1.1	0.9
Govt. expenditure on agric. (% total outlays)		4.8	2.6
Area harvested, crops (mill. ha)	1.5	1.3	1.7
Cropping intensity ratio	0.5	0.7	0.8
Total renew. water resources per cap. (m ³)	6 844	7 515	8 478
Land area equipped for irrigation (1 000 ha)	8	4	4
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	20.7	11.3	7.8
Employment in agriculture, female (%)	17.9	8.6	5.4
Fertilizers use, nitrogen, as N (1 000 t)	13.7	0.0	167.1
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	67.4	90.7	53.8
Fertilizers use, potassium, as K ₂ O (1 000 t)	99.5	74.6	75.9
Agric. value added per worker (constant USD)	4 460	6 997	12 308
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 187	3 517	3 395
Average dietary energy supply adequacy (%)	129	141	138
Dietary energy supply, cereals/roots/tubers (%)	48	38	38
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			<0.5
Prev. moderate or severe food insecurity (% pop.)			11.2
GDP per capita (USD, PPP)	12 190	22 729	29 604
Cereal import dependency ratio (%)	-7.3	-45.4	-79.9
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	23.0	24.9	28.4
At least basic drinking water (% pop. using)	89.7	92.9	97.5
Food supply			
Food production value (2004–06 mill. I\$)	2 090	1 932	2 393
Agriculture, value added (% GDP)	9.4	3.5	3.1
Food (excl. fish) exports (mill. USD)	441	1 869	3 083
Food (excl. fish) imports (mill. USD)	354	1 493	2 288
Production indices, gross (2004–06=100)			
Food	116	107	133
Crops	144	105	194
Cereals	113	120	219
Vegetable oils	21	161	284
Roots and tubers	231	73	30
Fruit and vegetables	190	81	106
Sugar	124	99	119
Livestock	98	108	92
Milk	104	104	84
Meat	92	114	102
Fish	29	124	61
Net trade (mln USD)			
Cereals and preparations	-11	157	678
Fruit and vegetables	-35	-170	-266
Meat and meat preparations	23	-35	7
Dairy products (milk equivalent)	165	418	281
Fish	-2	23	74
Environment			
Forest land area (% of total land area)	31.9	34.2	34.9
Agricultural land area (% of total land area)	54.5	43.0	46.9
Freshwater withdrawal (% total renewable)	17.7	9.2	11.3
Terrestrial protected areas (% total land area)			17.0
Agriculture area under organic agric. (ha)		120	234
Wood pellet production (1 000 t)		275	317
Emissions in agriculture (CO ₂ eq. Gg)	5 698	4 353	4 959
Net emissions in land use (CO ₂ eq. Gg)	664	-976	-1 174

Luxembourg

	1997	2007	2017
The setting			
Population, total (mill.)		0.5	0.6
Rural population, total (mill.)		0.1	0.1
Govt. expenditure on agric. (% total outlays)		1.3	0.8
Area harvested, crops (mill. ha)		0.0	0.0
Cropping intensity ratio		0.6	0.5
Total renew. water resources per cap. (m ³)	8 087	7 373	5 998
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	2.3	1.8	1.4
Employment in agriculture, female (%)	1.2	1.1	0.7
Fertilizers use, nitrogen, as N (1 000 t)		13.3	13.6
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)		1.7	1.2
Fertilizers use, potassium, as K ₂ O (1 000 t)		1.9	0.9
Agric. value added per worker (constant USD)	77 698	42 359	30 304
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)		3 506	3 450
Average dietary energy supply adequacy (%)		137	134
Dietary energy supply, cereals/roots/tubers (%)		26	29
Prevalence of undernourishment (% of pop.)		<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			0.8
Prev. moderate or severe food insecurity (% pop.)			3.3
GDP per capita (USD, PPP)		97 864	93 102
Cereal import dependency ratio (%)		-0.2	24.0
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)		20.2	24.2
At least basic drinking water (% pop. using)		100.0	99.9
Food supply			
Food production value (2004–06 mill. I\$)		196	212
Agriculture, value added (% GDP)	0.7	0.4	0.3
Food (excl. fish) exports (mill. USD)		660	958
Food (excl. fish) imports (mill. USD)		1 223	1 489
Production indices, gross (2004–06=100)			
Food		97	105
Crops		89	76
Cereals		89	92
Vegetable oils		116	72
Roots and tubers		103	110
Fruit and vegetables		81	47
Sugar			
Livestock		100	114
Milk		102	145
Meat		97	76
Fish			
Net trade (mln USD)			
Cereals and preparations		-97	-94
Fruit and vegetables		-201	-203
Meat and meat preparations		-155	-184
Dairy products (milk equivalent)		3	85
Fish	0	-75	-106
Environment			
Forest land area (% of total land area)		35.7	35.7
Agricultural land area (% of total land area)		53.9	54.0
Freshwater withdrawal (% total renewable)	1.6	1.3	1.3
Terrestrial protected areas (% total land area)			40.9
Agriculture area under organic agric. (ha)		4	5
Wood pellet production (1 000 t)		9	45
Emissions in agriculture (CO ₂ eq. Gg)		560	604
Net emissions in land use (CO ₂ eq. Gg)		2	2

Madagascar

	1997	2007	2017
The setting			
Population, total (mill.)	14.3	19.4	26.3
Rural population, total (mill.)	10.6	13.6	16.5
Govt. expenditure on agric. (% total outlays)	9.8	6.6	
Area harvested, crops (mill. ha)	2.7	3.0	2.4
Cropping intensity ratio	0.8	0.8	0.7
Total renew. water resources per cap. (m ³)	23 488	17 341	13 179
Land area equipped for irrigation (1 000 ha)	1 087	1 086	1 086
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	78.0	78.4	68.4
Employment in agriculture, female (%)	79.5	77.9	65.3
Fertilizers use, nitrogen, as N (1 000 t)	2.7	4.5	31.4
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	1.8	2.5	3.9
Fertilizers use, potassium, as K ₂ O (1 000 t)	1.8	2.6	3.6
Agric. value added per worker (constant USD)	341	287	253
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 002	2 080	1 909
Average dietary energy supply adequacy (%)	97	99	89
Dietary energy supply, cereals/roots/tubers (%)	76	78	79
Prevalence of undernourishment (% of pop.)	34.4	32.4	44.4
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	1 444	1 463	1 418
Cereal import dependency ratio (%)	12.0	10.2	13.2
Stunting, children under 5 (%)		49.2	
Adult obesity (% of pop. 18 years and older)	1.9	2.7	4.5
At least basic drinking water (% pop. using)	35.8	42.7	54.4
Food supply			
Food production value (2004–06 mill. I\$)	2 590	3 129	3 260
Agriculture, value added (% GDP)	33.0	27.3	26.3
Food (excl. fish) exports (mill. USD)	49	146	1 077
Food (excl. fish) imports (mill. USD)	79	234	648
Production indices, gross (2004–06=100)			
Food	89	108	113
Crops	84	108	108
Cereals	76	109	93
Vegetable oils	104	93	129
Roots and tubers	88	111	104
Fruit and vegetables	89	107	128
Sugar	88	106	124
Livestock	109	106	124
Milk	103	105	107
Meat	112	107	130
Fish	87	111	120
Net trade (mln USD)			
Cereals and preparations	-33	-123	-359
Fruit and vegetables	17	26	63
Meat and meat preparations	1	-1	-1
Dairy products (milk equivalent)	-6	-9	-27
Fish	63	129	154
Environment			
Forest land area (% of total land area)	22.7	21.9	21.4
Agricultural land area (% of total land area)	64.5	70.3	70.3
Freshwater withdrawal (% total renewable)	4.0	4.0	
Terrestrial protected areas (% total land area)			5.6
Agriculture area under organic agric. (ha)		10	64
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	21 411	23 533	21 005
Net emissions in land use (CO ₂ eq. Gg)	41 840	38 392	26 349

Malawi

	1997	2007	2017
The setting			
Population, total (mill.)	10.3	13.3	18.1
Rural population, total (mill.)	8.9	11.7	15.9
Govt. expenditure on agric. (% total outlays)	5.0	17.5	16.1
Area harvested, crops (mill. ha)	2.6	3.1	4.2
Cropping intensity ratio	1.0	1.0	1.1
Total renew. water resources per cap. (m ³)	1 664	1 248	928
Land area equipped for irrigation (1 000 ha)	43	74	74
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	75.3	74.5	72.1
Employment in agriculture, female (%)	80.1	79.2	76.9
Fertilizers use, nitrogen, as N (1 000 t)	60.1	84.3	71.2
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	18.0	25.4	24.1
Fertilizers use, potassium, as K ₂ O (1 000 t)	6.6	15.5	17.5
Agric. value added per worker (constant USD)	483	468	468
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 207	2 294	2 475
Average dietary energy supply adequacy (%)	105	109	115
Dietary energy supply, cereals/roots/tubers (%)	75	71	71
Prevalence of undernourishment (% of pop.)	27.1	23.2	17.5
Prev. of severe food insecurity (% of pop.)			51.7
Prev. moderate or severe food insecurity (% pop.)			81.9
GDP per capita (USD, PPP)	884	942	1 154
Cereal import dependency ratio (%)	3.9	1.6	1.2
Stunting, children under 5 (%)	54.6	53.2	37.1
Adult obesity (% of pop. 18 years and older)	2.2	3.1	4.7
At least basic drinking water (% pop. using)	52.9	59.6	68.8
Food supply			
Food production value (2004–06 mill. I\$)	1 417	2 800	4 647
Agriculture, value added (% GDP)	32.6	27.5	28.3
Food (excl. fish) exports (mill. USD)	52	228	121
Food (excl. fish) imports (mill. USD)	72	109	236
Production indices, gross (2004–06=100)			
Food	66	130	215
Crops	71	128	201
Cereals	77	178	192
Vegetable oils	43	154	268
Roots and tubers	56	129	137
Fruit and vegetables	67	103	327
Sugar	76	108	128
Livestock	77	123	244
Milk	87	107	217
Meat	73	130	266
Fish	88	106	331
Net trade (mln USD)			
Cereals and preparations	-38	60	-96
Fruit and vegetables	13	18	14
Meat and meat preparations	-1	0	-2
Dairy products (milk equivalent)	-4	-10	-13
Fish	-1	-1	-4
Environment			
Forest land area (% of total land area)	38.9	35.4	33.0
Agricultural land area (% of total land area)	47.0	52.9	59.9
Freshwater withdrawal (% total renewable)	5.4	7.9	
Terrestrial protected areas (% total land area)			22.9
Agriculture area under organic agric. (ha)		0	12
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	2 228	3 454	6 047
Net emissions in land use (CO ₂ eq. Gg)	7 325	6 623	4 915

Malaysia

	1997	2007	2017
The setting			
Population, total (mill.)	21.6	26.7	31.5
Rural population, total (mill.)	9.0	8.4	7.7
Govt. expenditure on agric. (% total outlays)	2.9	3.7	2.6
Area harvested, crops (mill. ha)	5.9	6.7	7.3
Cropping intensity ratio	0.9	1.0	0.9
Total renew. water resources per cap. (m ³)	26 895	21 783	18 341
Land area equipped for irrigation (1 000 ha)	365	378	442
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	17.3	14.8	11.2
Employment in agriculture, female (%)	14.3	9.9	6.7
Fertilizers use, nitrogen, as N (1 000 t)	450.5	690.2	280.6
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	33.7	85.0	288.4
Fertilizers use, potassium, as K ₂ O (1 000 t)	601.2	942.8	951.0
Agric. value added per worker (constant USD)	12 746	15 861	18 112
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 856	2 811	2 973
Average dietary energy supply adequacy (%)	125	120	125
Dietary energy supply, cereals/roots/tubers (%)	45	46	44
Prevalence of undernourishment (% of pop.)	2.8	4.2	2.5
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	16 304	20 022	27 272
Cereal import dependency ratio (%)	78.0	77.2	72.6
Stunting, children under 5 (%)		17.2	20.7
Adult obesity (% of pop. 18 years and older)	6.7	10.0	15.3
At least basic drinking water (% pop. using)	97.4	97.1	96.7
Food supply			
Food production value (2004–06 mill. I\$)	8 107	11 790	14 849
Agriculture, value added (% GDP)	11.1	10.0	8.8
Food (excl. fish) exports (mill. USD)	5 565	13 109	16 799
Food (excl. fish) imports (mill. USD)	3 289	6 696	11 156
Production indices, gross (2004–06=100)			
Food	72	105	133
Crops	70	104	120
Cereals	93	104	128
Vegetable oils	61	106	131
Roots and tubers	223	65	71
Fruit and vegetables	94	88	130
Sugar	331	108	6
Livestock	88	109	145
Milk	84	118	91
Meat	89	109	136
Fish	88	108	117
Net trade (mln USD)			
Cereals and preparations	-1 056	-1 208	-869
Fruit and vegetables	-274	-512	-1 423
Meat and meat preparations	-163	-317	-810
Dairy products (milk equivalent)	-312	-466	-569
Fish	-10	119	-263
Environment			
Forest land area (% of total land area)	66.4	65.1	67.6
Agricultural land area (% of total land area)	21.2	21.6	26.1
Freshwater withdrawal (% total renewable)	0.9	1.9	
Terrestrial protected areas (% total land area)			19.1
Agriculture area under organic agric. (ha)		2	1
Wood pellet production (1 000 t)		40	530
Emissions in agriculture (CO ₂ eq. Gg)	11 258	14 380	12 949
Net emissions in land use (CO ₂ eq. Gg)	118 084	-15 342	-130 630

Maldives

	1997	2007	2017
The setting			
Population, total (mill.)	0.3	0.3	0.5
Rural population, total (mill.)	0.2	0.2	0.3
Govt. expenditure on agric. (% total outlays)	1.4	2.2	0.1
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.8	0.4	0.5
Total renew. water resources per cap. (m ³)	114	89	69
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	18.9	14.8	9.1
Employment in agriculture, female (%)	9.1	6.2	2.2
Fertilizers use, nitrogen, as N (1 000 t)	0.0	0.3	0.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.0	0.0	0.1
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.0	0.1	0.0
Agric. value added per worker (constant USD)	8 565	8 043	7 994
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 465	2 480	2 777
Average dietary energy supply adequacy (%)	112	106	117
Dietary energy supply, cereals/roots/tubers (%)	44	41	41
Prevalence of undernourishment (% of pop.)	14.0	17.0	10.3
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	9 803	11 984	13 333
Cereal import dependency ratio (%)	100.0	100.0	100.0
Stunting, children under 5 (%)	31.9	20.3	
Adult obesity (% of pop. 18 years and older)	2.6	4.1	7.9
At least basic drinking water (% pop. using)	92.5	95.9	99.3
Food supply			
Food production value (2004–06 mill. I\$)	10	10	8
Agriculture, value added (% GDP)	5.8	6.2	5.6
Food (excl. fish) exports (mill. USD)	0	0	0
Food (excl. fish) imports (mill. USD)	62	145	374
Production indices, gross (2004–06=100)			
Food	91	85	67
Crops	89	83	62
Cereals	78	107	157
Vegetable oils	75	11	2
Roots and tubers	182	79	62
Fruit and vegetables	79	87	44
Sugar			
Livestock	117	104	114
Milk			
Meat	117	104	114
Fish	61	82	81
Net trade (mln USD)			
Cereals and preparations	-14	-28	-54
Fruit and vegetables			-128
Meat and meat preparations	-8	-18	-57
Dairy products (milk equivalent)	-10	-19	-37
Fish	56	98	164
Environment			
Forest land area (% of total land area)	3.3	3.3	3.3
Agricultural land area (% of total land area)	26.7	26.7	26.3
Freshwater withdrawal (% total renewable)		15.7	15.7
Terrestrial protected areas (% total land area)			1.2
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	0	2	2
Net emissions in land use (CO ₂ eq. Gg)	0	0	0

Mali

	1997	2007	2017
The setting			
Population, total (mill.)	10.1	13.7	19.1
Rural population, total (mill.)	7.4	9.1	11.0
Govt. expenditure on agric. (% total outlays)	14.1	15.6	
Area harvested, crops (mill. ha)	3.2	4.8	7.7
Cropping intensity ratio	0.7	0.8	1.2
Total renew. water resources per cap. (m ³)	11 865	8 774	6 472
Land area equipped for irrigation (1 000 ha)	110	322	380
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	69.7	66.8	65.7
Employment in agriculture, female (%)	69.9	66.7	63.9
Fertilizers use, nitrogen, as N (1 000 t)		87.3	149.7
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)		84.8	49.7
Fertilizers use, potassium, as K ₂ O (1 000 t)		8.2	23.6
Agric. value added per worker (constant USD)	738	923	1 180
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 468	2 719	2 947
Average dietary energy supply adequacy (%)	118	130	141
Dietary energy supply, cereals/roots/tubers (%)	68	68	67
Prevalence of undernourishment (% of pop.)	14.6	8.6	6.3
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	1 466	1 788	2 019
Cereal import dependency ratio (%)	6.6	8.4	7.8
Stunting, children under 5 (%)	42.7	38.5	30.4
Adult obesity (% of pop. 18 years and older)	3.1	4.5	7.1
At least basic drinking water (% pop. using)	48.7	61.1	78.3
Food supply			
Food production value (2004–06 mill. I\$)	1 978	3 191	5 227
Agriculture, value added (% GDP)	35.4	30.3	37.9
Food (excl. fish) exports (mill. USD)	79	113	188
Food (excl. fish) imports (mill. USD)	74	268	550
Production indices, gross (2004–06=100)			
Food	72	116	189
Crops	82	104	204
Cereals	64	117	266
Vegetable oils	70	111	131
Roots and tubers	35	180	399
Fruit and vegetables	86	118	222
Sugar	90	103	112
Livestock	65	118	147
Milk	55	135	138
Meat	71	110	151
Fish	99	100	109
Net trade (mln USD)			
Cereals and preparations	-19	-117	-214
Fruit and vegetables	-3	-9	-44
Meat and meat preparations	0	5	-5
Dairy products (milk equivalent)	-16	-27	-33
Fish	-2	-6	-36
Environment			
Forest land area (% of total land area)	5.0	4.4	3.7
Agricultural land area (% of total land area)	30.9	33.3	33.8
Freshwater withdrawal (% total renewable)		4.3	
Terrestrial protected areas (% total land area)			8.2
Agriculture area under organic agric. (ha)		3	13
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	15 311	22 309	32 593
Net emissions in land use (CO ₂ eq. Gg)	8 234	6 546	6 543

Malta

	1997	2007	2017
The setting			
Population, total (mill.)	0.4	0.4	0.4
Rural population, total (mill.)	0.0	0.0	0.0
Govt. expenditure on agric. (% total outlays)	1.5	2.0	0.9
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	1.1	1.3	1.1
Total renew. water resources per cap. (m ³)	130	123	117
Land area equipped for irrigation (1 000 ha)	2	3	4
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	2.1	1.8	1.0
Employment in agriculture, female (%)	0.8	0.4	0.2
Fertilizers use, nitrogen, as N (1 000 t)	0.6	0.6	0.6
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.2	0.1	0.1
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.2	0.2	0.1
Agric. value added per worker (constant USD)		58 018	
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 349	3 370	3 418
Average dietary energy supply adequacy (%)	133	132	135
Dietary energy supply, cereals/roots/tubers (%)	36	35	34
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	24 602	27 672	36 989
Cereal import dependency ratio (%)	99.8	86.5	92.8
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	24.3	27.4	31.0
At least basic drinking water (% pop. using)	100.0	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	82	78	70
Agriculture, value added (% GDP)	2.5	1.7	1.0
Food (excl. fish) exports (mill. USD)	32	59	105
Food (excl. fish) imports (mill. USD)	215	407	452
Production indices, gross (2004–06=100)			
Food	103	98	88
Crops	96	96	89
Cereals	86	115	118
Vegetable oils	232	159	933
Roots and tubers	200	70	43
Fruit and vegetables	84	97	92
Sugar			
Livestock	108	100	88
Milk	117	99	99
Meat	106	97	82
Fish	115	160	375
Net trade (mln USD)			
Cereals and preparations	-51	-96	-71
Fruit and vegetables	-33	-69	-94
Meat and meat preparations	-30	-79	-102
Dairy products (milk equivalent)	-29	-42	-46
Fish	-12	9	-19
Environment			
Forest land area (% of total land area)	1.1	1.1	1.1
Agricultural land area (% of total land area)	31.3	29.1	32.4
Freshwater withdrawal (% total renewable)	58.4	65.0	83.0
Terrestrial protected areas (% total land area)			30.3
Agriculture area under organic agric. (ha)		0	0
Wood pellet production (1 000 t)		0	0
Emissions in agriculture (CO ₂ eq. Gg)	111	101	72
Net emissions in land use (CO ₂ eq. Gg)	0	0	0

Mauritania

	1997	2007	2017
The setting			
Population, total (mill.)	2.4	3.2	4.4
Rural population, total (mill.)	1.5	1.9	2.1
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.3	0.4	0.4
Cropping intensity ratio	0.6	1.0	0.9
Total renew. water resources per cap. (m ³)	4 612	3 441	2 579
Land area equipped for irrigation (1 000 ha)	45	45	45
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	62.4	58.8	55.7
Employment in agriculture, female (%)	63.1	58.6	54.9
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)	1 586	1 630	1 800
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 631	2 702	2 781
Average dietary energy supply adequacy (%)	120	122	124
Dietary energy supply, cereals/roots/tubers (%)	50	51	51
Prevalence of undernourishment (% of pop.)	11.6	10.2	10.4
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	2 834	3 567	3 696
Cereal import dependency ratio (%)	64.2	67.0	87.1
Stunting, children under 5 (%)	39.5	28.9	27.9
Adult obesity (% of pop. 18 years and older)	5.7	7.9	11.3
At least basic drinking water (% pop. using)	41.0	52.4	70.7
Food supply			
Food production value (2004–06 mill. I\$)	448	533	658
Agriculture, value added (% GDP)	36.6	23.6	23.0
Food (excl. fish) exports (mill. USD)	36	23	20
Food (excl. fish) imports (mill. USD)	140	325	433
Production indices, gross (2004–06=100)			
Food	84	100	123
Crops	108	108	185
Cereals	103	117	263
Vegetable oils	147	104	102
Roots and tubers	79	104	122
Fruit and vegetables	156	92	104
Sugar			
Livestock	80	98	114
Milk	86	93	114
Meat	75	103	114
Fish	30	90	322
Net trade (mln USD)			
Cereals and preparations	-78	-116	-128
Fruit and vegetables	-5	-33	-59
Meat and meat preparations	0	-6	-18
Dairy products (milk equivalent)	-11	-59	-73
Fish	122	154	827
Environment			
Forest land area (% of total land area)	0.3	0.2	0.2
Agricultural land area (% of total land area)	38.6	38.5	38.5
Freshwater withdrawal (% total renewable)	14.0	11.8	
Terrestrial protected areas (% total land area)			0.6
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	5 804	7 327	8 775
Net emissions in land use (CO ₂ eq. Gg)	1 100	513	-1 503

Mauritius

	1997	2007	2017
The setting			
Population, total (mill.)	1.2	1.2	1.3
Rural population, total (mill.)	0.7	0.7	0.8
Govt. expenditure on agric. (% total outlays)	4.6	2.6	2.0
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	0.9	0.9	0.8
Total renew. water resources per cap. (m ³)	2 384	2 229	2 175
Land area equipped for irrigation (1 000 ha)	18	21	19
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	12.5	9.4	7.2
Employment in agriculture, female (%)	10.3	7.9	6.0
Fertilizers use, nitrogen, as N (1 000 t)	11.0	8.8	8.4
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	4.0	2.3	4.4
Fertilizers use, potassium, as K ₂ O (1 000 t)	13.3	11.8	6.5
Agric. value added per worker (constant USD)	6 072	6 869	10 218
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 907	3 033	3 014
Average dietary energy supply adequacy (%)	122	126	124
Dietary energy supply, cereals/roots/tubers (%)	46	47	46
Prevalence of undernourishment (% of pop.)	6.6	5.0	6.5
Prev. of severe food insecurity (% of pop.)			6.2
Prev. moderate or severe food insecurity (% pop.)			18.5
GDP per capita (USD, PPP)	11 282	14 146	20 320
Cereal import dependency ratio (%)	100.0	97.5	93.9
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	6.6	8.5	11.5
At least basic drinking water (% pop. using)	99.3	99.6	99.9
Food supply			
Food production value (2004–06 mill. I\$)	259	237	236
Agriculture, value added (% GDP)	7.5	4.4	3.1
Food (excl. fish) exports (mill. USD)	391	321	344
Food (excl. fish) imports (mill. USD)	259	432	732
Production indices, gross (2004–06=100)			
Food	101	92	92
Crops	114	86	79
Cereals	54	236	175
Vegetable oils	188	79	75
Roots and tubers	145	131	123
Fruit and vegetables	99	91	106
Sugar	116	85	74
Livestock	62	111	130
Milk	150	88	90
Meat	65	116	139
Fish	143	86	265
Net trade (mln USD)			
Cereals and preparations	-63	-127	-154
Fruit and vegetables	-38	-58	-95
Meat and meat preparations	-23	-43	-84
Dairy products (milk equivalent)	-47	-77	-103
Fish	1	36	66
Environment			
Forest land area (% of total land area)	20.5	18.9	19.1
Agricultural land area (% of total land area)	50.2	45.3	42.4
Freshwater withdrawal (% total renewable)	22.4	26.4	
Terrestrial protected areas (% total land area)			4.7
Agriculture area under organic agric. (ha)		0	0
Wood pellet production (1 000 t)		0	0
Emissions in agriculture (CO ₂ eq. Gg)	165	141	153
Net emissions in land use (CO ₂ eq. Gg)	-37	0	0

Mexico

	1997	2007	2017
The setting			
Population, total (mill.)	94.6	109.2	126.2
Rural population, total (mill.)	25.4	25.8	25.9
Govt. expenditure on agric. (% total outlays)			1.7
Area harvested, crops (mill. ha)	16.2	16.1	16.5
Cropping intensity ratio	0.6	0.6	0.6
Total renew. water resources per cap. (m ³)	4 748	4 130	3 576
Land area equipped for irrigation (1 000 ha)	6 256	6 350	6 811
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	23.4	13.8	13.1
Employment in agriculture, female (%)	11.6	4.5	3.7
Fertilizers use, nitrogen, as N (1 000 t)	886.1	1 141.9	1 456.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	423.6	376.0	684.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	203.3	247.0	263.0
Agric. value added per worker (constant USD)	3 232	5 502	5 694
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 035	3 086	3 151
Average dietary energy supply adequacy (%)	131	132	132
Dietary energy supply, cereals/roots/tubers (%)	46	44	44
Prevalence of undernourishment (% of pop.)	4.4	4.7	3.6
Prev. of severe food insecurity (% of pop.)			8.9
Prev. moderate or severe food insecurity (% pop.)			28.0
GDP per capita (USD, PPP)	16 130	16 772	17 949
Cereal import dependency ratio (%)	34.6	33.8	30.5
Stunting, children under 5 (%)		15.5	12.4
Adult obesity (% of pop. 18 years and older)	19.1	23.1	28.4
At least basic drinking water (% pop. using)	89.0	94.0	99.3
Food supply			
Food production value (2004–06 mill. I\$)	26 078	34 673	42 814
Agriculture, value added (% GDP)	4.5	3.2	3.4
Food (excl. fish) exports (mill. USD)	4 085	10 197	24 103
Food (excl. fish) imports (mill. USD)	6 004	15 493	20 587
Production indices, gross (2004–06=100)			
Food	79	105	129
Crops	85	105	141
Cereals	91	110	119
Vegetable oils	103	103	158
Roots and tubers	80	109	117
Fruit and vegetables	78	105	156
Sugar	90	104	113
Livestock	73	104	116
Milk	79	104	118
Meat	73	103	113
Fish	106	111	130
Net trade (mln USD)			
Cereals and preparations	-1 135	-3 326	-2 791
Fruit and vegetables	2 146	4 961	12 770
Meat and meat preparations	-770	-2 403	-2 352
Dairy products (milk equivalent)	-535	-1 556	-1 408
Fish	712	286	369
Environment			
Forest land area (% of total land area)	35.2	34.4	33.9
Agricultural land area (% of total land area)	54.7	54.9	55.0
Freshwater withdrawal (% total renewable)	15.7	17.0	18.6
Terrestrial protected areas (% total land area)			14.5
Agriculture area under organic agric. (ha)		394	674
Wood pellet production (1 000 t)		2	4
Emissions in agriculture (CO ₂ eq. Gg)	78 256	80 403	84 327
Net emissions in land use (CO ₂ eq. Gg)	18 954	14 552	11 041

Mongolia

	1997	2007	2017
The setting			
Population, total (mill.)	2.3	2.6	3.2
Rural population, total (mill.)	1.0	0.9	1.0
Govt. expenditure on agric. (% total outlays)	3.8	5.6	1.6
Area harvested, crops (mill. ha)	0.3	0.2	0.4
Cropping intensity ratio	0.3	0.2	0.7
Total renew. water resources per cap. (m ³)	14 897	13 426	11 313
Land area equipped for irrigation (1 000 ha)	84	84	84
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	48.9	41.6	28.8
Employment in agriculture, female (%)	47.5	40.1	26.1
Fertilizers use, nitrogen, as N (1 000 t)	4.4	6.0	35.7
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)		0.0	0.6
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.0	0.0	0.4
Agric. value added per worker (constant USD)	2 144	2 180	4 669
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 177	2 335	2 622
Average dietary energy supply adequacy (%)	94	98	113
Dietary energy supply, cereals/roots/tubers (%)	45	48	47
Prevalence of undernourishment (% of pop.)	35.1	26.6	13.4
Prev. of severe food insecurity (% of pop.)			5.4
Prev. moderate or severe food insecurity (% pop.)			27.1
GDP per capita (USD, PPP)	4 655	7 049	11 623
Cereal import dependency ratio (%)	52.8	65.2	22.5
Stunting, children under 5 (%)	29.8	27.5	10.8
Adult obesity (% of pop. 18 years and older)	9.8	12.9	19.6
At least basic drinking water (% pop. using)	61.8	72.4	83.3
Food supply			
Food production value (2004–06 mill. I\$)	769	663	926
Agriculture, value added (% GDP)	28.5	15.1	10.7
Food (excl. fish) exports (mill. USD)	16	28	134
Food (excl. fish) imports (mill. USD)	55	201	409
Production indices, gross (2004–06=100)			
Food	123	106	148
Crops	95	111	157
Cereals	205	96	201
Vegetable oils		68	100
Roots and tubers	60	126	134
Fruit and vegetables	50	126	151
Sugar			
Livestock	125	106	145
Milk	96	109	174
Meat	134	104	139
Fish	54	56	7
Net trade (mln USD)			
Cereals and preparations	-29	-75	-74
Fruit and vegetables	-8	-29	-8
Meat and meat preparations	11	16	40
Dairy products (milk equivalent)	-1	-6	-20
Fish	0	-1	-3
Environment			
Forest land area (% of total land area)	7.7	7.7	7.9
Agricultural land area (% of total land area)	83.0	73.5	71.3
Freshwater withdrawal (% total renewable)	1.2	1.6	1.3
Terrestrial protected areas (% total land area)			17.7
Agriculture area under organic agric. (ha)			13
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	17 815	18 256	27 288
Net emissions in land use (CO ₂ eq. Gg)	27 886	26 035	3 553

Montenegro

	1997	2007	2017
The setting			
Population, total (mill.)		0.6	0.6
Rural population, total (mill.)		0.2	0.2
Govt. expenditure on agric. (% total outlays)		0.7	0.6
Area harvested, crops (mill. ha)		0.0	0.0
Cropping intensity ratio		0.1	1.0
Total renew. water resources per cap. (m ³)			
Land area equipped for irrigation (1 000 ha)		2	2
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	9.9	8.7	7.9
Employment in agriculture, female (%)	7.8	8.1	6.9
Fertilizers use, nitrogen, as N (1 000 t)		1.4	1.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)		0.7	0.5
Fertilizers use, potassium, as K ₂ O (1 000 t)		0.6	0.6
Agric. value added per worker (constant USD)		16 380	21 193
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)		3 390	3 491
Average dietary energy supply adequacy (%)		136	141
Dietary energy supply, cereals/roots/tubers (%)		37	34
Prevalence of undernourishment (% of pop.)		<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			2.1
Prev. moderate or severe food insecurity (% pop.)			12.0
GDP per capita (USD, PPP)		13 603	16 477
Cereal import dependency ratio (%)		91.2	91.4
Stunting, children under 5 (%)		7.9	9.4
Adult obesity (% of pop. 18 years and older)		20.7	24.9
At least basic drinking water (% pop. using)		95.8	97.0
Food supply			
Food production value (2004–06 mill. I\$)		127	117
Agriculture, value added (% GDP)	11.0	7.2	6.8
Food (excl. fish) exports (mill. USD)		14	30
Food (excl. fish) imports (mill. USD)		286	445
Production indices, gross (2004–06=100)			
Food		74	68
Crops		50	51
Cereals		17	51
Vegetable oils		71	114
Roots and tubers		10	21
Fruit and vegetables		64	60
Sugar			
Livestock		102	88
Milk		97	100
Meat		109	40
Fish		79	111
Net trade (mln USD)			
Cereals and preparations		-56	-65
Fruit and vegetables		-34	-71
Meat and meat preparations		-63	-104
Dairy products (milk equivalent)		-36	-49
Fish	0	-11	-21
Environment			
Forest land area (% of total land area)		52.5	61.5
Agricultural land area (% of total land area)		38.2	19.1
Freshwater withdrawal (% total renewable)			
Terrestrial protected areas (% total land area)			6.4
Agriculture area under organic agric. (ha)		2	3
Wood pellet production (1 000 t)		1	85
Emissions in agriculture (CO ₂ eq. Gg)		449	367
Net emissions in land use (CO ₂ eq. Gg)		-16 821	29

Morocco

	1997	2007	2017
The setting			
Population, total (mill.)	27.8	31.2	36.0
Rural population, total (mill.)	13.3	13.6	13.6
Govt. expenditure on agric. (% total outlays)		0.4	0.2
Area harvested, crops (mill. ha)	6.7	6.7	7.9
Cropping intensity ratio	0.7	0.7	0.8
Total renew. water resources per cap. (m ³)	1 042	929	811
Land area equipped for irrigation (1 000 ha)	1 251	1 500	1 530
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	46.1	42.1	38.3
Employment in agriculture, female (%)	58.5	60.6	59.4
Fertilizers use, nitrogen, as N (1 000 t)	248.2	304.8	243.2
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	233.2	112.9	223.9
Fertilizers use, potassium, as K ₂ O (1 000 t)	69.5	56.8	99.0
Agric. value added per worker (constant USD)	1 773	1 945	3 689
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 086	3 264	3 550
Average dietary energy supply adequacy (%)	133	138	150
Dietary energy supply, cereals/roots/tubers (%)	64	62	60
Prevalence of undernourishment (% of pop.)	6.8	5.5	3.4
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	4 492	5 846	7 509
Cereal import dependency ratio (%)	50.8	47.7	42.1
Stunting, children under 5 (%)		14.9	
Adult obesity (% of pop. 18 years and older)	14.8	18.8	25.6
At least basic drinking water (% pop. using)	62.3	72.7	86.8
Food supply			
Food production value (2004–06 mill. I\$)	5 272	6 650	10 037
Agriculture, value added (% GDP)	14.4	10.9	12.4
Food (excl. fish) exports (mill. USD)	730	1 349	2 961
Food (excl. fish) imports (mill. USD)	1 026	3 190	3 724
Production indices, gross (2004–06=100)			
Food	74	93	140
Crops	70	87	134
Cereals	55	34	134
Vegetable oils	88	105	158
Roots and tubers	79	95	128
Fruit and vegetables	69	102	132
Sugar	86	87	113
Livestock	83	108	154
Milk	87	112	168
Meat	81	107	150
Fish	83	94	146
Net trade (mln USD)			
Cereals and preparations	-464	-1 755	-1 501
Fruit and vegetables	559	937	1 885
Meat and meat preparations	-15	-36	-38
Dairy products (milk equivalent)	-36	-110	-186
Fish	672	1 311	2 053
Environment			
Forest land area (% of total land area)	11.2	12.3	12.6
Agricultural land area (% of total land area)	69.2	67.1	68.1
Freshwater withdrawal (% total renewable)	38.8	35.7	35.7
Terrestrial protected areas (% total land area)			30.8
Agriculture area under organic agric. (ha)		4	9
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	10 625	12 323	14 258
Net emissions in land use (CO ₂ eq. Gg)	-8 799	733	-1 462

Mozambique

	1997	2007	2017
The setting			
Population, total (mill.)	16.4	21.7	29.5
Rural population, total (mill.)	11.9	15.5	19.5
Govt. expenditure on agric. (% total outlays)	5.3	3.7	1.1
Area harvested, crops (mill. ha)	4.2	6.3	5.7
Cropping intensity ratio	1.0	1.2	1.0
Total renew. water resources per cap. (m ³)	12 999	9 785	7 317
Land area equipped for irrigation (1 000 ha)	109	118	118
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	83.3	78.3	71.9
Employment in agriculture, female (%)	91.5	88.0	81.9
Fertilizers use, nitrogen, as N (1 000 t)	17.7	11.5	22.6
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	2.0	1.1	4.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	6.9	1.3	2.2
Agric. value added per worker (constant USD)	218	313	397
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	1 991	2 120	2 259
Average dietary energy supply adequacy (%)	95	101	106
Dietary energy supply, cereals/roots/tubers (%)	76	72	72
Prevalence of undernourishment (% of pop.)	41.1	34.5	27.9
Prev. of severe food insecurity (% of pop.)			42.5
Prev. moderate or severe food insecurity (% pop.)			68.6
GDP per capita (USD, PPP)	573	846	1 177
Cereal import dependency ratio (%)	23.4	33.9	30.0
Stunting, children under 5 (%)	49.6	43.7	
Adult obesity (% of pop. 18 years and older)	3.0	4.2	6.0
At least basic drinking water (% pop. using)	19.9	33.5	55.7
Food supply			
Food production value (2004–06 mill. I\$)	1 713	2 048	2 950
Agriculture, value added (% GDP)	31.4	24.7	21.3
Food (excl. fish) exports (mill. USD)	33	149	511
Food (excl. fish) imports (mill. USD)	148	445	1 334
Production indices, gross (2004–06=100)			
Food	87	104	151
Crops	77	107	155
Cereals	116	104	138
Vegetable oils	94	119	139
Roots and tubers	89	93	156
Fruit and vegetables	80	124	260
Sugar	14	100	141
Livestock	98	101	127
Milk	88	98	116
Meat	106	102	122
Fish	46	103	366
Net trade (mln USD)			
Cereals and preparations	-72	-261	-569
Fruit and vegetables	7	24	214
Meat and meat preparations	-4	-19	-76
Dairy products (milk equivalent)	-16	-10	-63
Fish	80	43	-32
Environment			
Forest land area (% of total land area)	53.2	50.4	47.7
Agricultural land area (% of total land area)	61.2	62.9	63.5
Freshwater withdrawal (% total renewable)	0.4	0.4	0.7
Terrestrial protected areas (% total land area)			21.6
Agriculture area under organic agric. (ha)		1	13
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	13 225	19 106	18 179
Net emissions in land use (CO ₂ eq. Gg)	36 665	31 862	39 735

Myanmar

	1997	2007	2017
The setting			
Population, total (mill.)	45.0	49.6	53.7
Rural population, total (mill.)	32.6	35.2	37.4
Govt. expenditure on agric. (% total outlays)		4.0	3.8
Area harvested, crops (mill. ha)	10.6	17.4	17.1
Cropping intensity ratio	1.0	1.5	1.4
Total renew. water resources per cap. (m ³)	26 323	23 753	21 885
Land area equipped for irrigation (1 000 ha)	1 556	2 250	2 295
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	63.3	56.0	50.6
Employment in agriculture, female (%)	64.4	55.2	45.4
Fertilizers use, nitrogen, as N (1 000 t)	32.3	80.5	256.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	8.5	69.0	93.9
Fertilizers use, potassium, as K ₂ O (1 000 t)	1.5	17.4	78.5
Agric. value added per worker (constant USD)	662	1 279	1 690
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	1 901	2 287	2 713
Average dietary energy supply adequacy (%)	85	101	118
Dietary energy supply, cereals/roots/tubers (%)	67	57	52
Prevalence of undernourishment (% of pop.)	48.3	24.9	10.6
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	1 289	2 815	5 610
Cereal import dependency ratio (%)	-3.0	-2.1	-2.0
Stunting, children under 5 (%)	40.8	35.1	29.2
Adult obesity (% of pop. 18 years and older)	1.9	3.1	5.7
At least basic drinking water (% pop. using)	46.3	61.4	81.8
Food supply			
Food production value (2004–06 mill. I\$)	8 117	17 768	20 749
Agriculture, value added (% GDP)	59.4	43.3	23.7
Food (excl. fish) exports (mill. USD)	289	996	2 036
Food (excl. fish) imports (mill. USD)	171	405	2 906
Production indices, gross (2004–06=100)			
Food	54	117	137
Crops	57	116	126
Cereals	60	113	96
Vegetable oils	48	126	140
Roots and tubers	47	116	124
Fruit and vegetables	68	109	126
Sugar	68	129	139
Livestock	38	124	209
Milk	59	122	240
Meat	35	124	193
Fish	39	114	145
Net trade (mln USD)			
Cereals and preparations	-10	71	-65
Fruit and vegetables	221	792	489
Meat and meat preparations	-1	0	-19
Dairy products (milk equivalent)			-94
Fish	162	373	684
Environment			
Forest land area (% of total land area)	55.3	50.0	42.8
Agricultural land area (% of total land area)	16.1	18.3	19.7
Freshwater withdrawal (% total renewable)	2.8	2.8	
Terrestrial protected areas (% total land area)			6.4
Agriculture area under organic agric. (ha)		1	10
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	45 185	62 597	72 967
Net emissions in land use (CO ₂ eq. Gg)	108 745	106 806	108 821

Namibia

	1997	2007	2017
The setting			
Population, total (mill.)	1.7	2.0	2.4
Rural population, total (mill.)	1.2	1.3	1.3
Govt. expenditure on agric. (% total outlays)	5.3	4.7	4.0
Area harvested, crops (mill. ha)	0.4	0.3	0.4
Cropping intensity ratio	0.5	0.4	0.5
Total renew. water resources per cap. (m ³)	22 689	19 188	15 750
Land area equipped for irrigation (1 000 ha)	7	8	8
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	38.5	31.0	19.9
Employment in agriculture, female (%)	39.3	28.0	17.8
Fertilizers use, nitrogen, as N (1 000 t)	2.9	1.3	18.8
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.1	0.3	0.7
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.1	0.3	0.5
Agric. value added per worker (constant USD)	4 606	5 415	6 965
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 229	2 189	2 218
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)	58	57	55
Prevalence of undernourishment (% of pop.)	26.2	29.5	27.3
Prev. of severe food insecurity (% of pop.)			39.0
Prev. moderate or severe food insecurity (% pop.)			67.9
GDP per capita (USD, PPP)			
Cereal import dependency ratio (%)	69.2	57.9	69.6
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	7.8	10.6	15.0
At least basic drinking water (% pop. using)			
Food supply			
Food production value (2004–06 mill. I\$)	281	459	425
Agriculture, value added (% GDP)	8.6	8.5	6.9
Food (excl. fish) exports (mill. USD)	110	174	354
Food (excl. fish) imports (mill. USD)	279	210	582
Production indices, gross (2004–06=100)			
Food	62	102	94
Crops	75	102	123
Cereals	107	75	81
Vegetable oils	93	44	24
Roots and tubers	76	107	121
Fruit and vegetables	41	127	175
Sugar			
Livestock	58	101	84
Milk	69	100	101
Meat	57	101	82
Fish	94	76	92
Net trade (mln USD)			
Cereals and preparations	-64	-61	-125
Fruit and vegetables	-38	10	-62
Meat and meat preparations	-5	-1	24
Dairy products (milk equivalent)	-13	-10	-47
Fish	235	467	695
Environment			
Forest land area (% of total land area)	10.0	9.1	8.2
Agricultural land area (% of total land area)	47.2	47.1	47.1
Freshwater withdrawal (% total renewable)	0.7	0.7	
Terrestrial protected areas (% total land area)			37.9
Agriculture area under organic agric. (ha)		0	30
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	6 327	8 938	8 490
Net emissions in land use (CO ₂ eq. Gg)	8 649	7 991	8 044

Nepal

	1997	2007	2017
The setting			
Population, total (mill.)	22.6	26.4	28.1
Rural population, total (mill.)	19.7	22.1	23.8
Govt. expenditure on agric. (% total outlays)	5.9	4.3	10.6
Area harvested, crops (mill. ha)	4.4	4.6	5.1
Cropping intensity ratio	1.8	2.0	2.2
Total renew. water resources per cap. (m ³)	9 388	8 018	7 173
Land area equipped for irrigation (1 000 ha)	1 135	1 217	1 369
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	78.6	74.0	70.4
Employment in agriculture, female (%)	87.0	83.5	80.3
Fertilizers use, nitrogen, as N (1 000 t)	21.8	1.9	91.6
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	15.3	1.3	40.3
Fertilizers use, potassium, as K ₂ O (1 000 t)	1.8	0.3	6.6
Agric. value added per worker (constant USD)	402	484	593
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 280	2 433	2 688
Average dietary energy supply adequacy (%)	108	113	119
Dietary energy supply, cereals/roots/tubers (%)	74	72	68
Prevalence of undernourishment (% of pop.)	22.0	14.0	8.7
Prev. of severe food insecurity (% of pop.)			7.8
Prev. moderate or severe food insecurity (% pop.)			31.6
GDP per capita (USD, PPP)	1 527	1 750	2 606
Cereal import dependency ratio (%)	1.7	3.3	7.6
Stunting, children under 5 (%)	57.1	49.3	35.8
Adult obesity (% of pop. 18 years and older)	1.4	2.2	3.8
At least basic drinking water (% pop. using)	80.0	83.9	88.8
Food supply			
Food production value (2004–06 mill. I\$)	3 485	4 505	6 560
Agriculture, value added (% GDP)	37.2	31.2	27.0
Food (excl. fish) exports (mill. USD)	52	94	133
Food (excl. fish) imports (mill. USD)	137	431	1 505
Production indices, gross (2004–06=100)			
Food	78	101	147
Crops	76	99	148
Cereals	83	92	124
Vegetable oils	87	98	132
Roots and tubers	58	109	150
Fruit and vegetables	70	109	190
Sugar	68	109	136
Livestock	84	105	144
Milk	80	106	147
Meat	87	105	138
Fish	54	110	181
Net trade (mln USD)			
Cereals and preparations	-8	-92	-458
Fruit and vegetables	-20	-72	-300
Meat and meat preparations	0	0	3
Dairy products (milk equivalent)	1	-6	-22
Fish	-1	-1	-12
Environment			
Forest land area (% of total land area)	29.2	25.4	25.4
Agricultural land area (% of total land area)	29.5	29.1	28.7
Freshwater withdrawal (% total renewable)	4.5	4.5	
Terrestrial protected areas (% total land area)			23.6
Agriculture area under organic agric. (ha)		8	9
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	17 460	18 974	22 451
Net emissions in land use (CO ₂ eq. Gg)	33 528	3 661	13 498

Netherlands

	1997	2007	2017
The setting			
Population, total (mill.)	15.7	16.5	17.1
Rural population, total (mill.)	4.0	2.6	1.5
Govt. expenditure on agric. (% total outlays)	1.3	0.8	0.4
Area harvested, crops (mill. ha)	0.6	0.6	0.5
Cropping intensity ratio	0.6	0.5	0.5
Total renew. water resources per cap. (m ³)	5 813	5 513	5 342
Land area equipped for irrigation (1 000 ha)	352	457	522
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	3.7	3.0	2.3
Employment in agriculture, female (%)	2.4	1.9	1.5
Fertilizers use, nitrogen, as N (1 000 t)	292.2	241.2	261.1
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	48.0	36.1	9.1
Fertilizers use, potassium, as K ₂ O (1 000 t)	52.6	42.9	26.8
Agric. value added per worker (constant USD)	47 788	55 914	83 534
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 267	3 226	3 252
Average dietary energy supply adequacy (%)	126	125	126
Dietary energy supply, cereals/roots/tubers (%)	21	24	27
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			1.3
Prev. moderate or severe food insecurity (% pop.)			4.3
GDP per capita (USD, PPP)	42 017	46 879	48 789
Cereal import dependency ratio (%)	76.2	83.5	84.3
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	14.2	18.2	23.1
At least basic drinking water (% pop. using)	100.0	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	11 970	12 507	14 713
Agriculture, value added (% GDP)	3.0	1.8	1.9
Food (excl. fish) exports (mill. USD)	20 278	43 439	67 779
Food (excl. fish) imports (mill. USD)	12 870	29 232	48 604
Production indices, gross (2004–06=100)			
Food	98	103	121
Crops	97	101	116
Cereals	85	90	82
Vegetable oils	66	114	78
Roots and tubers	117	101	108
Fruit and vegetables	87	103	123
Sugar	112	94	135
Livestock	99	103	123
Milk	100	102	133
Meat	98	104	116
Fish	92	91	95
Net trade (mln USD)			
Cereals and preparations	-103	-1 393	-301
Fruit and vegetables	2 041	5 272	6 853
Meat and meat preparations	3 146	4 276	4 811
Dairy products (milk equivalent)	1 543	2 543	4 795
Fish	318	666	965
Environment			
Forest land area (% of total land area)	10.5	10.9	11.2
Agricultural land area (% of total land area)	58.2	56.7	53.2
Freshwater withdrawal (% total renewable)	7.2	12.0	9.8
Terrestrial protected areas (% total land area)			11.2
Agriculture area under organic agric. (ha)		47	56
Wood pellet production (1 000 t)		300	243
Emissions in agriculture (CO ₂ eq. Gg)	19 520	16 764	17 939
Net emissions in land use (CO ₂ eq. Gg)	726	-798	-586

New Zealand

	1997	2007	2017
The setting			
Population, total (mill.)	3.8	4.2	4.7
Rural population, total (mill.)	0.5	0.6	0.6
Govt. expenditure on agric. (% total outlays)		1.4	
Area harvested, crops (mill. ha)	0.3	0.3	0.2
Cropping intensity ratio	0.2	0.5	0.4
Total renew. water resources per cap. (m ³)	87 154	77 250	69 486
Land area equipped for irrigation (1 000 ha)	285	619	747
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	8.6	7.2	6.2
Employment in agriculture, female (%)	5.6	4.9	4.3
Fertilizers use, nitrogen, as N (1 000 t)	308.1	277.5	433.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	402.4	701.5	540.4
Fertilizers use, potassium, as K ₂ O (1 000 t)	163.7	14.3	39.6
Agric. value added per worker (constant USD)	84 307	79 536	100 765
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 159	3 180	3 190
Average dietary energy supply adequacy (%)	128	128	129
Dietary energy supply, cereals/roots/tubers (%)	29	27	28
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			4.1
Prev. moderate or severe food insecurity (% pop.)			14.0
GDP per capita (USD, PPP)	28 102	33 102	36 046
Cereal import dependency ratio (%)	29.7	35.5	36.5
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	22.2	26.5	32.0
At least basic drinking water (% pop. using)	100.0	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	8 039	9 777	11 170
Agriculture, value added (% GDP)	6.1	6.1	5.0
Food (excl. fish) exports (mill. USD)	5 544	11 596	19 953
Food (excl. fish) imports (mill. USD)	850	1 850	3 009
Production indices, gross (2004–06=100)			
Food	84	103	117
Crops	93	106	115
Cereals	119	114	119
Vegetable oils	112	75	94
Roots and tubers	90	96	93
Fruit and vegetables	90	106	117
Sugar			
Livestock	85	102	116
Milk	74	104	143
Meat	95	100	85
Fish	111	97	87
Net trade (mln USD)			
Cereals and preparations	-80	141	549
Fruit and vegetables	584	923	1 770
Meat and meat preparations	1 893	3 116	4 643
Dairy products (milk equivalent)	2 430	5 444	9 760
Fish	694	824	1 043
Environment			
Forest land area (% of total land area)	38.0	38.6	38.6
Agricultural land area (% of total land area)	56.6	43.6	40.5
Freshwater withdrawal (% total renewable)	1.0	1.5	1.6
Terrestrial protected areas (% total land area)			32.5
Agriculture area under organic agric. (ha)		64	89
Wood pellet production (1 000 t)		30	50
Emissions in agriculture (CO ₂ eq. Gg)	38 434	38 894	38 483
Net emissions in land use (CO ₂ eq. Gg)	-23 412	-17 881	-17 199

Nicaragua

	1997	2007	2017
The setting			
Population, total (mill.)	4.8	5.6	6.5
Rural population, total (mill.)	2.2	2.4	2.6
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.8	1.0	1.1
Cropping intensity ratio	0.4	0.5	0.6
Total renew. water resources per cap. (m ³)	34 364	29 790	26 455
Land area equipped for irrigation (1 000 ha)	62	162	199
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	31.1	29.6	31.1
Employment in agriculture, female (%)	9.3	8.5	9.2
Fertilizers use, nitrogen, as N (1 000 t)	35.2	41.9	77.6
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	14.4	13.7	22.1
Fertilizers use, potassium, as K ₂ O (1 000 t)	7.2	1.1	28.7
Agric. value added per worker (constant USD)	1 853	2 168	1 953
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 172	2 450	2 676
Average dietary energy supply adequacy (%)	99	108	116
Dietary energy supply, cereals/roots/tubers (%)	50	51	51
Prevalence of undernourishment (% of pop.)	32.6	22.6	17.0
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	3 416	3 959	5 169
Cereal import dependency ratio (%)	29.4	35.4	34.6
Stunting, children under 5 (%)	25.2	23.0	17.3
Adult obesity (% of pop. 18 years and older)	13.3	16.6	21.8
At least basic drinking water (% pop. using)	81.2	81.3	81.5
Food supply			
Food production value (2004–06 mill. I\$)	731	1 263	1 606
Agriculture, value added (% GDP)	20.0	16.5	15.5
Food (excl. fish) exports (mill. USD)	193	570	1 316
Food (excl. fish) imports (mill. USD)	179	453	775
Production indices, gross (2004–06=100)			
Food	61	106	135
Crops	74	104	147
Cereals	73	96	112
Vegetable oils	48	98	134
Roots and tubers	86	105	101
Fruit and vegetables	102	107	277
Sugar	91	109	172
Livestock	51	113	126
Milk	34	111	91
Meat	56	115	143
Fish	48	107	208
Net trade (mln USD)			
Cereals and preparations	-65	-194	-274
Fruit and vegetables	18	48	102
Meat and meat preparations	41	175	475
Dairy products (milk equivalent)	3	50	141
Fish	74	90	265
Environment			
Forest land area (% of total land area)	33.4	27.6	25.9
Agricultural land area (% of total land area)	40.0	43.1	42.1
Freshwater withdrawal (% total renewable)	0.8	0.9	0.9
Terrestrial protected areas (% total land area)			37.2
Agriculture area under organic agric. (ha)		71	34
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	5 505	7 312	9 598
Net emissions in land use (CO ₂ eq. Gg)	29 050	29 072	1 335

Niger

	1997	2007	2017
The setting			
Population, total (mill.)	10.2	14.7	22.4
Rural population, total (mill.)	8.6	12.3	18.6
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	10.2	14.6	17.7
Cropping intensity ratio	0.7	1.0	1.0
Total renew. water resources per cap. (m ³)	3 345	2 321	1 585
Land area equipped for irrigation (1 000 ha)	66	83	100
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	78.0	77.9	76.1
Employment in agriculture, female (%)	75.0	74.4	71.7
Fertilizers use, nitrogen, as N (1 000 t)	6.5	2.5	6.4
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	1.8	2.2	0.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.2	0.6	0.2
Agric. value added per worker (constant USD)		427	523
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 297	2 475	2 593
Average dietary energy supply adequacy (%)	109	119	124
Dietary energy supply, cereals/roots/tubers (%)	68	63	61
Prevalence of undernourishment (% of pop.)	21.6	13.5	16.5
Prev. of severe food insecurity (% of pop.)			51.7
Prev. moderate or severe food insecurity (% pop.)			83.0
GDP per capita (USD, PPP)	755	772	921
Cereal import dependency ratio (%)	7.9	7.7	9.2
Stunting, children under 5 (%)	54.2	54.8	42.2
Adult obesity (% of pop. 18 years and older)	2.2	3.1	4.7
At least basic drinking water (% pop. using)	35.7	42.1	50.3
Food supply			
Food production value (2004–06 mill. I\$)	1 427	2 836	4 425
Agriculture, value added (% GDP)	34.8	41.0	39.7
Food (excl. fish) exports (mill. USD)	51	79	171
Food (excl. fish) imports (mill. USD)	106	185	520
Production indices, gross (2004–06=100)			
Food	58	116	181
Crops	51	121	236
Cereals	54	111	168
Vegetable oils	45	93	281
Roots and tubers	88	146	342
Fruit and vegetables	49	115	273
Sugar	77	106	112
Livestock	68	110	112
Milk	71	109	162
Meat	66	110	96
Fish	14	68	80
Net trade (mln USD)			
Cereals and preparations	-44	-98	-269
Fruit and vegetables	11	22	7
Meat and meat preparations	-1	0	-3
Dairy products (milk equivalent)	-10	-15	-35
Fish	-1	0	-10
Environment			
Forest land area (% of total land area)	1.2	1.0	0.9
Agricultural land area (% of total land area)	28.4	34.6	36.8
Freshwater withdrawal (% total renewable)	1.5	2.9	5.1
Terrestrial protected areas (% total land area)			17.3
Agriculture area under organic agric. (ha)		0	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	11 829	18 008	26 520
Net emissions in land use (CO ₂ eq. Gg)	7 046	1 467	1 473

Nigeria

	1997	2007	2017
The setting			
Population, total (mill.)	113.5	146.3	195.9
Rural population, total (mill.)	75.8	86.7	97.3
Govt. expenditure on agric. (% total outlays)		5.2	1.9
Area harvested, crops (mill. ha)	39.3	46.9	56.0
Cropping intensity ratio	1.0	1.1	1.4
Total renew. water resources per cap. (m ³)	2 521	1 955	1 499
Land area equipped for irrigation (1 000 ha)	233	293	293
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	49.2	42.9	36.8
Employment in agriculture, female (%)	44.1	35.1	26.6
Fertilizers use, nitrogen, as N (1 000 t)	125.1	70.1	444.7
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	13.7	39.9	95.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	15.1	45.6	105.1
Agric. value added per worker (constant USD)	1 726	3 914	5 597
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 619	2 723	2 509
Average dietary energy supply adequacy (%)	121	126	116
Dietary energy supply, cereals/roots/tubers (%)	64	63	66
Prevalence of undernourishment (% of pop.)	9.3	6.0	13.4
Prev. of severe food insecurity (% of pop.)			6.5
Prev. moderate or severe food insecurity (% pop.)			36.4
GDP per capita (USD, PPP)	3 069	4 421	5 351
Cereal import dependency ratio (%)	13.7	15.1	19.2
Stunting, children under 5 (%)		42.8	43.6
Adult obesity (% of pop. 18 years and older)	3.4	4.9	7.8
At least basic drinking water (% pop. using)	48.2	57.6	71.4
Food supply			
Food production value (2004–06 mill. I\$)	24 809	33 457	42 913
Agriculture, value added (% GDP)	25.4	25.4	20.8
Food (excl. fish) exports (mill. USD)	255	456	1 376
Food (excl. fish) imports (mill. USD)	1 069	4 065	5 620
Production indices, gross (2004–06=100)			
Food	73	99	126
Crops	73	98	126
Cereals	83	102	120
Vegetable oils	72	98	88
Roots and tubers	69	95	135
Fruit and vegetables	79	101	141
Sugar	74	164	163
Livestock	77	107	120
Milk	79	106	119
Meat	80	107	123
Fish	72	107	211
Net trade (mln USD)			
Cereals and preparations	-470	-1 766	-1 902
Fruit and vegetables	9	-118	182
Meat and meat preparations	-6	-9	-7
Dairy products (milk equivalent)	-48	-702	-409
Fish	-192	-843	-728
Environment			
Forest land area (% of total land area)	15.8	11.3	6.8
Agricultural land area (% of total land area)	75.5	80.9	77.7
Freshwater withdrawal (% total renewable)	3.6	4.0	4.4
Terrestrial protected areas (% total land area)			13.9
Agriculture area under organic agric. (ha)		3	53
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	44 126	54 598	75 612
Net emissions in land use (CO ₂ eq. Gg)	192 869	170 499	185 128

North Macedonia

	1997	2007	2017
The setting			
Population, total (mill.)	2.0	2.1	2.1
Rural population, total (mill.)	0.8	0.9	0.9
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.4	0.3	0.3
Cropping intensity ratio	0.6	0.7	0.7
Total renew. water resources per cap. (m ³)	3 200	3 099	3 072
Land area equipped for irrigation (1 000 ha)	55	128	128
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	24.7	18.2	16.2
Employment in agriculture, female (%)	25.7	17.3	15.9
Fertilizers use, nitrogen, as N (1 000 t)	9.0	18.9	21.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.0	5.4	4.3
Fertilizers use, potassium, as K ₂ O (1 000 t)	6.4	4.7	3.4
Agric. value added per worker (constant USD)	6 019	8 113	6 635
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 725	2 935	3 003
Average dietary energy supply adequacy (%)	110	117	120
Dietary energy supply, cereals/roots/tubers (%)	40	36	37
Prevalence of undernourishment (% of pop.)	7.9	4.5	3.2
Prev. of severe food insecurity (% of pop.)			3.2
Prev. moderate or severe food insecurity (% pop.)			13.2
GDP per capita (USD, PPP)	8 621	10 481	13 140
Cereal import dependency ratio (%)	22.3	23.5	28.1
Stunting, children under 5 (%)		11.5	
Adult obesity (% of pop. 18 years and older)	17.7	19.9	23.9
At least basic drinking water (% pop. using)	99.3	97.8	93.1
Food supply			
Food production value (2004–06 mill. I\$)	651	750	718
Agriculture, value added (% GDP)	11.0	8.9	7.9
Food (excl. fish) exports (mill. USD)	114	206	309
Food (excl. fish) imports (mill. USD)	324	656	653
Production indices, gross (2004–06=100)			
Food	91	105	100
Crops	92	97	94
Cereals	96	73	70
Vegetable oils	64	90	109
Roots and tubers	83	95	94
Fruit and vegetables	92	104	101
Sugar	161	17	9
Livestock	90	126	118
Milk	71	156	155
Meat	105	93	82
Fish	66	121	158
Net trade (mln USD)			
Cereals and preparations	-124	-65	-38
Fruit and vegetables	42	29	58
Meat and meat preparations	-49	-166	-128
Dairy products (milk equivalent)	-9	-46	-42
Fish	-9	-20	-21
Environment			
Forest land area (% of total land area)	37.1	39.0	39.6
Agricultural land area (% of total land area)	50.5	42.6	50.2
Freshwater withdrawal (% total renewable)	24.3	8.6	
Terrestrial protected areas (% total land area)			9.7
Agriculture area under organic agric. (ha)		1	3
Wood pellet production (1 000 t)		0	0
Emissions in agriculture (CO ₂ eq. Gg)	1 639	1 276	1 232
Net emissions in land use (CO ₂ eq. Gg)	-729	71	1

Norway

	1997	2007	2017
The setting			
Population, total (mill.)	4.4	4.7	5.3
Rural population, total (mill.)	1.1	1.0	1.0
Govt. expenditure on agric. (% total outlays)	3.0	1.8	1.5
Area harvested, crops (mill. ha)	0.4	0.3	0.3
Cropping intensity ratio	0.4	0.4	0.4
Total renew. water resources per cap. (m ³)	88 914	83 263	74 081
Land area equipped for irrigation (1 000 ha)	130	115	84
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	5.1	2.9	2.1
Employment in agriculture, female (%)	2.8	1.3	0.9
Fertilizers use, nitrogen, as N (1 000 t)	99.2	106.3	99.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	28.2	27.7	19.9
Fertilizers use, potassium, as K ₂ O (1 000 t)	53.1	53.9	40.1
Agric. value added per worker (constant USD)	39 909	83 578	125 197
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 405	3 463	3 452
Average dietary energy supply adequacy (%)	134	136	135
Dietary energy supply, cereals/roots/tubers (%)	32	32	30
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			1.1
Prev. moderate or severe food insecurity (% pop.)			5.1
GDP per capita (USD, PPP)	58 045	65 083	64 965
Cereal import dependency ratio (%)	29.1	37.3	49.9
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	17.1	20.6	25.0
At least basic drinking water (% pop. using)	100.0	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	1 441	1 429	1 518
Agriculture, value added (% GDP)	2.1	1.2	2.0
Food (excl. fish) exports (mill. USD)	222	372	493
Food (excl. fish) imports (mill. USD)	1 272	3 165	4 496
Production indices, gross (2004–06=100)			
Food	101	100	106
Crops	99	93	99
Cereals	96	93	99
Vegetable oils	108	82	91
Roots and tubers	129	91	86
Fruit and vegetables	82	94	111
Sugar			
Livestock	101	102	108
Milk	112	102	99
Meat	93	102	114
Fish	106	105	120
Net trade (mln USD)			
Cereals and preparations	-191	-583	-648
Fruit and vegetables	-447	-1 115	-1 462
Meat and meat preparations	-13	-119	-155
Dairy products (milk equivalent)	54	28	-46
Fish	2 837	5 133	10 093
Environment			
Forest land area (% of total land area)	33.2	33.1	33.2
Agricultural land area (% of total land area)	2.8	2.8	2.7
Freshwater withdrawal (% total renewable)	0.6	0.8	
Terrestrial protected areas (% total land area)			17.1
Agriculture area under organic agric. (ha)		49	47
Wood pellet production (1 000 t)		47	57
Emissions in agriculture (CO ₂ eq. Gg)	5 263	4 907	4 787
Net emissions in land use (CO ₂ eq. Gg)	-15 354	-23 745	-22 955

Oman

	1997	2007	2017
The setting			
Population, total (mill.)	2.2	2.7	4.8
Rural population, total (mill.)	0.6	0.7	0.7
Govt. expenditure on agric. (% total outlays)	0.8	0.5	0.4
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	0.8	0.9	0.6
Total renew. water resources per cap. (m ³)	622	526	302
Land area equipped for irrigation (1 000 ha)	61	62	100
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	7.0	8.3	4.8
Employment in agriculture, female (%)	5.1	2.0	0.4
Fertilizers use, nitrogen, as N (1 000 t)	1.7	1.3	9.5
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	1.3	1.2	3.4
Fertilizers use, potassium, as K ₂ O (1 000 t)	6.5	8.0	10.8
Agric. value added per worker (constant USD)	11 588	7 788	12 583
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 634	2 850	3 042
Average dietary energy supply adequacy (%)	115	119	121
Dietary energy supply, cereals/roots/tubers (%)	38	37	38
Prevalence of undernourishment (% of pop.)	11.9	8.3	6.8
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	43 966	43 125	37 329
Cereal import dependency ratio (%)	100.0	100.0	93.1
Stunting, children under 5 (%)		9.8	14.1
Adult obesity (% of pop. 18 years and older)	15.3	18.7	22.9
At least basic drinking water (% pop. using)	76.3	79.7	91.9
Food supply			
Food production value (2004–06 mill. I\$)	253	350	577
Agriculture, value added (% GDP)	2.7	1.4	2.3
Food (excl. fish) exports (mill. USD)	143	401	1 114
Food (excl. fish) imports (mill. USD)	582	1 355	2 985
Production indices, gross (2004–06=100)			
Food	73	101	166
Crops	84	103	186
Cereals	98	96	194
Vegetable oils			
Roots and tubers	89	101	176
Fruit and vegetables	84	103	187
Sugar		100	124
Livestock	58	98	138
Milk	90	110	165
Meat	41	93	115
Fish	76	97	221
Net trade (mln USD)			
Cereals and preparations	-76	-243	-390
Fruit and vegetables	-76	-210	-472
Meat and meat preparations	-89	-166	-289
Dairy products (milk equivalent)	-92	-131	-299
Fish	63	67	52
Environment			
Forest land area (% of total land area)	0.0	0.0	0.0
Agricultural land area (% of total land area)	3.5	4.7	4.7
Freshwater withdrawal (% total renewable)	92.9	84.7	
Terrestrial protected areas (% total land area)			2.6
Agriculture area under organic agric. (ha)		0	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	781	1 047	1 568
Net emissions in land use (CO ₂ eq. Gg)	0	0	0

Pakistan

	1997	2007	2017
The setting			
Population, total (mill.)	131.1	167.8	212.2
Rural population, total (mill.)	87.3	105.2	127.2
Govt. expenditure on agric. (% total outlays)	0.6	4.1	0.7
Area harvested, crops (mill. ha)	19.9	21.1	21.4
Cropping intensity ratio	0.6	0.7	0.7
Total renew. water resources per cap. (m ³)	1 912	1 539	1 253
Land area equipped for irrigation (1 000 ha)	17 830	19 500	20 200
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	43.0	43.6	42.0
Employment in agriculture, female (%)	65.5	72.8	73.0
Fertilizers use, nitrogen, as N (1 000 t)	2 385.0	2 714.1	3 446.9
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	647.4	816.0	1 257.8
Fertilizers use, potassium, as K ₂ O (1 000 t)	10.7	43.9	54.2
Agric. value added per worker (constant USD)	1 736	1 682	1 636
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 377	2 408	2 451
Average dietary energy supply adequacy (%)	109	108	109
Dietary energy supply, cereals/roots/tubers (%)	51	48	49
Prevalence of undernourishment (% of pop.)	23.4	21.7	20.3
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	3 401	4 097	4 771
Cereal import dependency ratio (%)	-3.7	-10.1	-17.3
Stunting, children under 5 (%)	41.5	43.0	45.0
Adult obesity (% of pop. 18 years and older)	3.5	4.9	7.8
At least basic drinking water (% pop. using)	86.0	88.1	91.5
Food supply			
Food production value (2004–06 mill. I\$)	24 455	32 823	41 486
Agriculture, value added (% GDP)	27.0	21.8	23.1
Food (excl. fish) exports (mill. USD)	672	1 735	3 226
Food (excl. fish) imports (mill. USD)	1 477	2 375	5 749
Production indices, gross (2004–06=100)			
Food	81	108	137
Crops	80	103	121
Cereals	79	110	137
Vegetable oils	70	94	100
Roots and tubers	61	132	202
Fruit and vegetables	87	102	105
Sugar	87	112	151
Livestock	80	110	147
Milk	79	108	147
Meat	81	114	145
Fish	108	102	121
Net trade (mln USD)			
Cereals and preparations	-21	1 237	1 478
Fruit and vegetables	-15	-247	-903
Meat and meat preparations	0	26	193
Dairy products (milk equivalent)	-17	-38	-135
Fish	177	188	407
Environment			
Forest land area (% of total land area)	2.9	2.4	1.8
Agricultural land area (% of total land area)	47.6	46.7	48.0
Freshwater withdrawal (% total renewable)	69.9	74.4	74.4
Terrestrial protected areas (% total land area)			12.3
Agriculture area under organic agric. (ha)		25	51
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	93 126	123 250	163 962
Net emissions in land use (CO ₂ eq. Gg)	21 634	22 027	28 632

Panama

	1997	2007	2017
The setting			
Population, total (mill.)	2.9	3.5	4.2
Rural population, total (mill.)	1.1	1.2	1.3
Govt. expenditure on agric. (% total outlays)	2.7	1.9	1.7
Area harvested, crops (mill. ha)	0.3	0.3	0.3
Cropping intensity ratio	0.4	0.4	0.4
Total renew. water resources per cap. (m ³)	48 809	40 330	33 984
Land area equipped for irrigation (1 000 ha)	35	32	32
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	18.6	14.7	14.5
Employment in agriculture, female (%)	2.3	3.3	8.7
Fertilizers use, nitrogen, as N (1 000 t)	15.2	14.5	12.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	4.1	1.8	11.9
Fertilizers use, potassium, as K ₂ O (1 000 t)	2.8	2.1	9.3
Agric. value added per worker (constant USD)	3 860	5 741	4 228
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 203	2 446	2 733
Average dietary energy supply adequacy (%)	98	107	119
Dietary energy supply, cereals/roots/tubers (%)	40	45	43
Prevalence of undernourishment (% of pop.)	27.7	18.3	10.0
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	10 625	14 007	22 244
Cereal import dependency ratio (%)	65.4	73.2	67.5
Stunting, children under 5 (%)		19.1	
Adult obesity (% of pop. 18 years and older)	13.6	17.4	22.5
At least basic drinking water (% pop. using)	88.2	92.0	96.4
Food supply			
Food production value (2004–06 mill. I\$)	795	919	947
Agriculture, value added (% GDP)	6.5	4.8	2.4
Food (excl. fish) exports (mill. USD)	276	394	390
Food (excl. fish) imports (mill. USD)	241	553	1 332
Production indices, gross (2004–06=100)			
Food	95	109	113
Crops	99	109	89
Cereals	59	101	113
Vegetable oils	40	113	51
Roots and tubers	83	95	59
Fruit and vegetables	116	116	71
Sugar	110	97	137
Livestock	89	110	135
Milk	90	101	98
Meat	91	112	141
Fish	67	91	60
Net trade (mln USD)			
Cereals and preparations	-75	-223	-368
Fruit and vegetables	144	221	62
Meat and meat preparations	-5	-9	-136
Dairy products (milk equivalent)	-7	-34	-118
Fish	149	340	65
Environment			
Forest land area (% of total land area)	66.2	63.9	61.8
Agricultural land area (% of total land area)	28.8	30.0	30.5
Freshwater withdrawal (% total renewable)		0.7	0.9
Terrestrial protected areas (% total land area)			20.9
Agriculture area under organic agric. (ha)		5	15
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	2 843	3 135	3 153
Net emissions in land use (CO ₂ eq. Gg)	8 564	8 340	8 355

Papua New Guinea

	1997	2007	2017
The setting			
Population, total (mill.)	5.4	6.8	8.6
Rural population, total (mill.)	4.4	5.8	7.3
Govt. expenditure on agric. (% total outlays)	2.3	1.7	
Area harvested, crops (mill. ha)	0.9	1.0	1.1
Cropping intensity ratio	1.1	1.2	1.1
Total renew. water resources per cap. (m ³)	155 383	120 851	97 079
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	71.4	72.1	67.8
Employment in agriculture, female (%)	74.2	74.7	70.4
Fertilizers use, nitrogen, as N (1 000 t)	5.0	12.2	26.4
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	29.2	3.4	2.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.8	3.3	8.5
Agric. value added per worker (constant USD)		1 536	1 960
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 325	2 307	2 232
Average dietary energy supply adequacy (%)	108	106	101
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	2 616	2 841	3 881
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)		43.9	
Adult obesity (% of pop. 18 years and older)	11.3	14.5	19.4
At least basic drinking water (% pop. using)	34.0	35.6	41.3
Food supply			
Food production value (2004–06 mill. I\$)	1 906	2 526	2 886
Agriculture, value added (% GDP)	22.8	19.6	18.4
Food (excl. fish) exports (mill. USD)	281	389	743
Food (excl. fish) imports (mill. USD)	195	288	746
Production indices, gross (2004–06=100)			
Food	82	109	125
Crops	85	110	125
Cereals	83	114	161
Vegetable oils	76	118	150
Roots and tubers	80	105	120
Fruit and vegetables	84	103	123
Sugar	105	85	54
Livestock	80	108	122
Milk	81	104	103
Meat	80	108	122
Fish	18	99	130
Net trade (mln USD)			
Cereals and preparations	-82	-145	-255
Fruit and vegetables	-10	-9	-38
Meat and meat preparations	-58	-69	-154
Dairy products (milk equivalent)	-15	-18	-25
Fish	0	117	226
Environment			
Forest land area (% of total land area)	74.2	74.2	74.1
Agricultural land area (% of total land area)	2.1	2.3	2.6
Freshwater withdrawal (% total renewable)	0.0	0.0	
Terrestrial protected areas (% total land area)			3.1
Agriculture area under organic agric. (ha)		3	14
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	4 360	4 407	4 543
Net emissions in land use (CO ₂ eq. Gg)	151 437	41 881	42 209

Paraguay

	1997	2007	2017
The setting			
Population, total (mill.)	5.0	6.0	7.0
Rural population, total (mill.)	2.3	2.5	2.6
Govt. expenditure on agric. (% total outlays)		2.7	2.5
Area harvested, crops (mill. ha)	2.3	4.5	5.8
Cropping intensity ratio	0.9	1.2	1.2
Total renew. water resources per cap. (m ³)	77 871	65 002	56 937
Land area equipped for irrigation (1 000 ha)	67	80	140
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	34.5	28.7	20.2
Employment in agriculture, female (%)	20.3	22.6	15.0
Fertilizers use, nitrogen, as N (1 000 t)	34.9	76.8	133.8
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	68.4	140.0	214.1
Fertilizers use, potassium, as K ₂ O (1 000 t)	49.8	126.4	195.5
Agric. value added per worker (constant USD)	2 544	3 428	6 631
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 623	2 576	2 659
Average dietary energy supply adequacy (%)	116	111	112
Dietary energy supply, cereals/roots/tubers (%)	41	43	43
Prevalence of undernourishment (% of pop.)	12.9	12.6	10.7
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	7 984	8 605	11 791
Cereal import dependency ratio (%)	-21.6	-186.1	-210.6
Stunting, children under 5 (%)		17.5	5.6
Adult obesity (% of pop. 18 years and older)	11.1	14.2	19.0
At least basic drinking water (% pop. using)	75.4	86.2	99.6
Food supply			
Food production value (2004–06 mill. I\$)	2 741	4 406	6 536
Agriculture, value added (% GDP)	18.5	19.5	18.1
Food (excl. fish) exports (mill. USD)	686	1 967	4 521
Food (excl. fish) imports (mill. USD)	180	237	512
Production indices, gross (2004–06=100)			
Food	76	122	180
Crops	70	127	194
Cereals	75	142	366
Vegetable oils	66	154	241
Roots and tubers	62	95	62
Fruit and vegetables	86	101	99
Sugar	85	125	201
Livestock	87	101	130
Milk	118	111	135
Meat	87	99	134
Fish	118	94	101
Net trade (mln USD)			
Cereals and preparations	9	303	364
Fruit and vegetables	-9	-23	-59
Meat and meat preparations	45	364	1 199
Dairy products (milk equivalent)	-21	-5	-25
Fish	-3	-2	-10
Environment			
Forest land area (% of total land area)	50.1	45.0	36.9
Agricultural land area (% of total land area)	48.3	51.7	55.2
Freshwater withdrawal (% total renewable)	0.1	0.6	0.6
Terrestrial protected areas (% total land area)			14.3
Agriculture area under organic agric. (ha)		51	44
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	18 533	22 073	27 644
Net emissions in land use (CO ₂ eq. Gg)	72 437	133 112	146 546

Peru

	1997	2007	2017
The setting			
Population, total (mill.)	25.2	28.3	32.0
Rural population, total (mill.)	7.0	6.8	7.2
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	2.3	2.9	3.3
Cropping intensity ratio	0.5	0.6	0.7
Total renew. water resources per cap. (m ³)	75 724	66 448	58 449
Land area equipped for irrigation (1 000 ha)	1 870	2 345	2 600
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	35.3	29.4	27.7
Employment in agriculture, female (%)	32.1	27.2	26.1
Fertilizers use, nitrogen, as N (1 000 t)	210.6	246.7	330.1
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	50.3	65.6	100.3
Fertilizers use, potassium, as K ₂ O (1 000 t)	45.7	91.0	109.1
Agric. value added per worker (constant USD)	1 694	2 148	2 588
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 321	2 473	2 695
Average dietary energy supply adequacy (%)	105	109	117
Dietary energy supply, cereals/roots/tubers (%)	58	57	55
Prevalence of undernourishment (% of pop.)	21.8	15.7	9.7
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	6 428	8 637	12 518
Cereal import dependency ratio (%)	45.5	48.1	49.7
Stunting, children under 5 (%)	31.3	28.2	13.1
Adult obesity (% of pop. 18 years and older)	12.3	15.0	19.1
At least basic drinking water (% pop. using)	80.7	85.5	91.1
Food supply			
Food production value (2004–06 mill. I\$)	4 717	7 140	10 007
Agriculture, value added (% GDP)	8.0	6.7	6.8
Food (excl. fish) exports (mill. USD)	311	1 377	4 674
Food (excl. fish) imports (mill. USD)	1 203	1 721	3 633
Production indices, gross (2004–06=100)			
Food	73	111	155
Crops	73	108	150
Cereals	67	103	135
Vegetable oils	92	109	231
Roots and tubers	77	107	139
Fruit and vegetables	73	112	170
Sugar	104	115	131
Livestock	73	115	160
Milk	76	116	160
Meat	73	113	156
Fish	91	83	49
Net trade (mln USD)			
Cereals and preparations	-653	-827	-1 340
Fruit and vegetables	177	919	3 317
Meat and meat preparations	-40	-32	-160
Dairy products (milk equivalent)	-121	-38	-105
Fish	1 336	1 926	2 539
Environment			
Forest land area (% of total land area)	59.9	58.8	57.5
Agricultural land area (% of total land area)	17.4	18.4	18.5
Freshwater withdrawal (% total renewable)	1.0	0.7	0.7
Terrestrial protected areas (% total land area)			21.3
Agriculture area under organic agric. (ha)		125	311
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	17 865	22 233	23 877
Net emissions in land use (CO ₂ eq. Gg)	44 219	72 294	71 381

Philippines

	1997	2007	2017
The setting			
Population, total (mill.)	73.0	89.4	106.7
Rural population, total (mill.)	39.2	48.6	56.6
Govt. expenditure on agric. (% total outlays)	4.4	5.2	3.8
Area harvested, crops (mill. ha)	12.8	13.7	14.8
Cropping intensity ratio	1.3	1.3	1.4
Total renew. water resources per cap. (m ³)	6 556	5 364	4 565
Land area equipped for irrigation (1 000 ha)	1 450	1 435	1 890
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	40.4	34.5	25.4
Employment in agriculture, female (%)	28.5	22.7	15.3
Fertilizers use, nitrogen, as N (1 000 t)	445.2	520.0	766.5
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	227.1	205.2	155.3
Fertilizers use, potassium, as K ₂ O (1 000 t)	49.9	117.6	39.7
Agric. value added per worker (constant USD)	1 620	2 033	2 578
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 375	2 556	2 677
Average dietary energy supply adequacy (%)	110	117	120
Dietary energy supply, cereals/roots/tubers (%)	57	59	59
Prevalence of undernourishment (% of pop.)	20.4	14.1	13.3
Prev. of severe food insecurity (% of pop.)			15.0
Prev. moderate or severe food insecurity (% pop.)			52.5
GDP per capita (USD, PPP)	4 224	5 175	7 581
Cereal import dependency ratio (%)	23.5	22.0	17.8
Stunting, children under 5 (%)		32.3	33.4
Adult obesity (% of pop. 18 years and older)	2.9	4.0	6.0
At least basic drinking water (% pop. using)	85.6	88.7	93.6
Food supply			
Food production value (2004–06 mill. I\$)	15 209	20 080	21 861
Agriculture, value added (% GDP)	16.4	12.5	9.7
Food (excl. fish) exports (mill. USD)	1 499	2 302	4 744
Food (excl. fish) imports (mill. USD)	1 939	3 191	7 326
Production indices, gross (2004–06=100)			
Food	83	109	119
Crops	85	108	116
Cereals	76	111	132
Vegetable oils	92	103	106
Roots and tubers	117	111	145
Fruit and vegetables	87	109	105
Sugar	92	92	121
Livestock	74	112	128
Milk	84	110	164
Meat	73	114	128
Fish	77	112	96
Net trade (mln USD)			
Cereals and preparations	-799	-1 323	-2 070
Fruit and vegetables	476	850	1 605
Meat and meat preparations	-129	-184	-1 052
Dairy products (milk equivalent)	-403	-511	-790
Fish	300	352	289
Environment			
Forest land area (% of total land area)	23.1	23.4	28.6
Agricultural land area (% of total land area)	38.0	39.5	41.7
Freshwater withdrawal (% total renewable)		16.5	17.8
Terrestrial protected areas (% total land area)			15.3
Agriculture area under organic agric. (ha)		52	200
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	45 086	49 851	54 533
Net emissions in land use (CO ₂ eq. Gg)	-2 578	29 706	-59 759

Poland

	1997	2007	2017
The setting			
Population, total (mill.)	38.5	38.4	37.9
Rural population, total (mill.)	14.8	14.9	15.2
Govt. expenditure on agric. (% total outlays)	2.5	2.9	1.6
Area harvested, crops (mill. ha)	11.7	10.8	10.1
Cropping intensity ratio	0.8	0.9	0.9
Total renew. water resources per cap. (m ³)	1 570	1 578	1 585
Land area equipped for irrigation (1 000 ha)	144	116	271
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	21.2	14.7	10.2
Employment in agriculture, female (%)	21.0	14.2	8.9
Fertilizers use, nitrogen, as N (1 000 t)	831.7	1 142.3	1 179.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	302.6	462.3	339.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	377.4	537.4	559.0
Agric. value added per worker (constant USD)	3 989	5 270	6 443
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 408	3 354	3 474
Average dietary energy supply adequacy (%)	135	132	138
Dietary energy supply, cereals/roots/tubers (%)	42	41	40
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			0.7
Prev. moderate or severe food insecurity (% pop.)			5.3
GDP per capita (USD, PPP)	14 733	19 563	27 346
Cereal import dependency ratio (%)	5.3	5.0	-4.8
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	18.6	21.1	25.6
At least basic drinking water (% pop. using)		97.0	99.7
Food supply			
Food production value (2004–06 mill. I\$)	20 021	20 215	22 479
Agriculture, value added (% GDP)	4.0	3.0	2.8
Food (excl. fish) exports (mill. USD)	2 652	10 567	21 968
Food (excl. fish) imports (mill. USD)	2 032	6 717	13 568
Production indices, gross (2004–06=100)			
Food	101	102	113
Crops	109	98	116
Cereals	95	104	124
Vegetable oils	38	135	172
Roots and tubers	187	106	83
Fruit and vegetables	87	82	112
Sugar	133	106	131
Livestock	93	106	111
Milk	102	102	115
Meat	88	109	109
Fish	188	93	132
Net trade (mln USD)			
Cereals and preparations	-227	-26	2 180
Fruit and vegetables	119	495	108
Meat and meat preparations	391	1 559	4 440
Dairy products (milk equivalent)	210	1 202	1 308
Fish	-34	-45	-139
Environment			
Forest land area (% of total land area)	29.4	30.2	31.0
Agricultural land area (% of total land area)	60.3	50.5	47.2
Freshwater withdrawal (% total renewable)	21.1	19.9	17.5
Terrestrial protected areas (% total land area)			39.7
Agriculture area under organic agric. (ha)		288	495
Wood pellet production (1 000 t)		600	1 000
Emissions in agriculture (CO ₂ eq. Gg)	34 414	31 398	30 925
Net emissions in land use (CO ₂ eq. Gg)	-15 668	-109 421	-27 354

Portugal

	1997	2007	2017
The setting			
Population, total (mill.)	10.2	10.6	10.3
Rural population, total (mill.)	4.9	4.4	3.6
Govt. expenditure on agric. (% total outlays)	2.5	0.9	0.6
Area harvested, crops (mill. ha)	1.7	1.2	1.0
Cropping intensity ratio	0.7	0.6	0.6
Total renew. water resources per cap. (m ³)	7 564	7 281	7 493
Land area equipped for irrigation (1 000 ha)	798	588	548
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	13.3	11.8	6.4
Employment in agriculture, female (%)	15.2	12.4	4.2
Fertilizers use, nitrogen, as N (1 000 t)	163.9	113.0	101.5
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	79.3	68.0	51.5
Fertilizers use, potassium, as K ₂ O (1 000 t)	69.4	52.5	33.7
Agric. value added per worker (constant USD)	7 807	7 532	16 089
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 548	3 530	3 477
Average dietary energy supply adequacy (%)	141	141	139
Dietary energy supply, cereals/roots/tubers (%)	32	31	32
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			3.2
Prev. moderate or severe food insecurity (% pop.)			11.5
GDP per capita (USD, PPP)	26 000	27 575	28 035
Cereal import dependency ratio (%)	66.6	74.8	72.5
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	14.6	18.2	23.2
At least basic drinking water (% pop. using)	98.5	99.3	99.9
Food supply			
Food production value (2004–06 mill. I\$)	4 099	3 999	4 940
Agriculture, value added (% GDP)	3.8	2.0	2.2
Food (excl. fish) exports (mill. USD)	740	2 045	4 242
Food (excl. fish) imports (mill. USD)	2 646	6 397	7 546
Production indices, gross (2004–06=100)			
Food	98	96	119
Crops	101	92	131
Cereals	133	94	101
Vegetable oils	112	74	287
Roots and tubers	136	99	82
Fruit and vegetables	88	95	115
Sugar	29	49	4
Livestock	96	101	104
Milk	91	97	95
Meat	101	103	108
Fish	101	114	82
Net trade (mln USD)			
Cereals and preparations	-575	-1 102	-947
Fruit and vegetables	-282	-567	-114
Meat and meat preparations	-344	-941	-975
Dairy products (milk equivalent)	-2	-294	-215
Fish	-489	-1 197	-1 207
Environment			
Forest land area (% of total land area)	36.8	35.8	34.5
Agricultural land area (% of total land area)	39.1	40.0	39.1
Freshwater withdrawal (% total renewable)	14.4	11.8	
Terrestrial protected areas (% total land area)			22.9
Agriculture area under organic agric. (ha)		230	254
Wood pellet production (1 000 t)		690	689
Emissions in agriculture (CO ₂ eq. Gg)	6 945	6 261	6 472
Net emissions in land use (CO ₂ eq. Gg)	1 513	-104	2 060

Qatar

	1997	2007	2017
The setting			
Population, total (mill.)	0.5	1.2	2.8
Rural population, total (mill.)	0.0	0.0	0.0
Govt. expenditure on agric. (% total outlays)		1.9	
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.5	0.3	0.3
Total renew. water resources per cap. (m ³)	109	49	22
Land area equipped for irrigation (1 000 ha)	13	16	22
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	3.7	2.4	1.2
Employment in agriculture, female (%)	0.0	0.1	0.0
Fertilizers use, nitrogen, as N (1 000 t)	0.0	70.4	96.6
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.1	0.0	0.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.4	3.6	0.0
Agric. value added per worker (constant USD)	9 725	5 549	10 752
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	108 287	116 023	113 262
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	26.0	28.5	33.9
At least basic drinking water (% pop. using)	100.0	100.0	99.6
Food supply			
Food production value (2004–06 mill. I\$)	49	49	63
Agriculture, value added (% GDP)	0.7	0.1	0.2
Food (excl. fish) exports (mill. USD)	7	21	6
Food (excl. fish) imports (mill. USD)	263	858	2 497
Production indices, gross (2004–06=100)			
Food	125	123	158
Crops	147	135	131
Cereals	74	76	23
Vegetable oils			
Roots and tubers	323	200	145
Fruit and vegetables	151	138	137
Sugar			
Livestock	105	112	183
Milk	175	119	141
Meat	61	117	225
Fish	36	110	111
Net trade (mln USD)			
Cereals and preparations	-48	-184	-509
Fruit and vegetables	-67	-162	-672
Meat and meat preparations	-32	-162	-498
Dairy products (milk equivalent)	-37	-114	-238
Fish	-1	-23	-95
Environment			
Forest land area (% of total land area)	0.0	0.0	0.0
Agricultural land area (% of total land area)	5.7	5.7	5.8
Freshwater withdrawal (% total renewable)	277.1	374.1	
Terrestrial protected areas (% total land area)			13.2
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	187	591	843
Net emissions in land use (CO ₂ eq. Gg)	0	0	0

Republic of Korea

	1997	2007	2017
The setting			
Population, total (mill.)	46.2	49.0	51.2
Rural population, total (mill.)	9.7	9.0	9.5
Govt. expenditure on agric. (% total outlays)	5.7	4.8	1.3
Area harvested, crops (mill. ha)	2.1	1.8	1.5
Cropping intensity ratio	1.1	1.0	0.9
Total renew. water resources per cap. (m ³)	1 509	1 421	1 367
Land area equipped for irrigation (1 000 ha)	882	849	707
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	10.8	7.4	4.8
Employment in agriculture, female (%)	12.8	8.3	4.5
Fertilizers use, nitrogen, as N (1 000 t)	356.0	347.4	216.8
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	214.3	230.6	135.9
Fertilizers use, potassium, as K ₂ O (1 000 t)	217.8	238.5	141.4
Agric. value added per worker (constant USD)	9 228	13 284	19 113
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 090	3 146	3 312
Average dietary energy supply adequacy (%)	128	128	135
Dietary energy supply, cereals/roots/tubers (%)	49	44	43
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			<0.5
Prev. moderate or severe food insecurity (% pop.)			5.4
GDP per capita (USD, PPP)	20 757	28 014	35 938
Cereal import dependency ratio (%)	73.4	75.2	77.3
Stunting, children under 5 (%)		2.5	
Adult obesity (% of pop. 18 years and older)	2.9	3.7	4.9
At least basic drinking water (% pop. using)	98.6	98.7	99.8
Food supply			
Food production value (2004–06 mill. I\$)	9 790	10 040	10 174
Agriculture, value added (% GDP)	4.5	2.4	2.0
Food (excl. fish) exports (mill. USD)	1 244	1 446	3 286
Food (excl. fish) imports (mill. USD)	5 379	10 122	18 310
Production indices, gross (2004–06=100)			
Food	99	102	103
Crops	100	97	90
Cereals	113	92	81
Vegetable oils	128	86	87
Roots and tubers	90	85	89
Fruit and vegetables	91	100	95
Sugar			
Livestock	98	108	121
Milk	89	98	93
Meat	105	111	126
Fish	123	117	90
Net trade (mln USD)			
Cereals and preparations	-1 807	-2 982	-3 379
Fruit and vegetables	-444	-1 292	-2 955
Meat and meat preparations	-566	-2 083	-4 551
Dairy products (milk equivalent)	-132	-349	-808
Fish	342	-2 002	-3 406
Environment			
Forest land area (% of total land area)	65.4	64.4	63.3
Agricultural land area (% of total land area)	20.6	19.0	17.2
Freshwater withdrawal (% total renewable)	36.5	41.7	
Terrestrial protected areas (% total land area)			11.7
Agriculture area under organic agric. (ha)		10	21
Wood pellet production (1 000 t)		15	68
Emissions in agriculture (CO ₂ eq. Gg)	15 044	12 957	12 768
Net emissions in land use (CO ₂ eq. Gg)	-34 462	-48 363	-39 597

Republic of Moldova

	1997	2007	2017
The setting			
Population, total (mill.)	4.3	4.1	4.1
Rural population, total (mill.)	2.3	2.4	2.3
Govt. expenditure on agric. (% total outlays)	2.3	8.1	4.6
Area harvested, crops (mill. ha)	1.8	1.6	1.7
Cropping intensity ratio	0.8	0.7	0.9
Total renew. water resources per cap. (m ³)	2 863	2 972	3 029
Land area equipped for irrigation (1 000 ha)	309	228	228
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	41.6	32.8	32.3
Employment in agriculture, female (%)	40.6	30.1	27.9
Fertilizers use, nitrogen, as N (1 000 t)	14.7	17.1	97.9
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.2	2.0	0.3
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.1	0.9	0.1
Agric. value added per worker (constant USD)	1 495	1 365	2 945
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 502	2 745	2 675
Average dietary energy supply adequacy (%)	101	108	106
Dietary energy supply, cereals/roots/tubers (%)	60	46	44
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			2.8
Prev. moderate or severe food insecurity (% pop.)			25.4
GDP per capita (USD, PPP)	2 810	4 344	6 234
Cereal import dependency ratio (%)	-7.0	-3.5	-8.9
Stunting, children under 5 (%)		11.3	6.4
Adult obesity (% of pop. 18 years and older)	14.8	16.6	20.1
At least basic drinking water (% pop. using)	83.2	85.4	89.1
Food supply			
Food production value (2004–06 mill. I\$)	1 965	1 358	1 843
Agriculture, value added (% GDP)	26.0	10.0	12.2
Food (excl. fish) exports (mill. USD)	313	342	876
Food (excl. fish) imports (mill. USD)	73	272	427
Production indices, gross (2004–06=100)			
Food	118	82	111
Crops	120	75	116
Cereals	133	68	125
Vegetable oils	53	54	235
Roots and tubers	123	56	55
Fruit and vegetables	120	88	102
Sugar	183	60	85
Livestock	118	103	94
Milk	104	95	76
Meat	147	116	115
Fish	19	119	192
Net trade (mln USD)			
Cereals and preparations	6	-51	125
Fruit and vegetables	100	102	189
Meat and meat preparations	64	-11	-26
Dairy products (milk equivalent)	0	-14	-31
Fish	-10	-32	-49
Environment			
Forest land area (% of total land area)	9.8	11.3	12.7
Agricultural land area (% of total land area)	77.6	75.6	70.5
Freshwater withdrawal (% total renewable)	16.0	8.7	
Terrestrial protected areas (% total land area)			4.2
Agriculture area under organic agric. (ha)		32	30
Wood pellet production (1 000 t)		0	18
Emissions in agriculture (CO ₂ eq. Gg)	2 473	1 620	1 917
Net emissions in land use (CO ₂ eq. Gg)	-1 275	-818	-1 135

Romania

	1997	2007	2017
The setting			
Population, total (mill.)	22.6	21.0	19.5
Rural population, total (mill.)	10.5	9.8	9.0
Govt. expenditure on agric. (% total outlays)		4.1	2.8
Area harvested, crops (mill. ha)	8.3	6.9	7.9
Cropping intensity ratio	0.8	0.8	0.9
Total renew. water resources per cap. (m ³)	9 367	10 078	10 773
Land area equipped for irrigation (1 000 ha)	3 089	3 156	3 149
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	40.9	29.5	22.8
Employment in agriculture, female (%)	45.0	31.0	22.3
Fertilizers use, nitrogen, as N (1 000 t)	239.1	265.5	344.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	73.0	103.3	126.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	14.1	18.4	43.6
Agric. value added per worker (constant USD)	2 435	3 032	5 769
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 153	3 402	3 631
Average dietary energy supply adequacy (%)	126	135	145
Dietary energy supply, cereals/roots/tubers (%)	49	43	45
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			4.0
Prev. moderate or severe food insecurity (% pop.)			14.7
GDP per capita (USD, PPP)	10 419	17 065	23 442
Cereal import dependency ratio (%)	-0.1	-3.5	-35.8
Stunting, children under 5 (%)	12.8	12.8	
Adult obesity (% of pop. 18 years and older)	17.0	19.6	24.5
At least basic drinking water (% pop. using)	100.0	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	10 570	8 056	11 486
Agriculture, value added (% GDP)	17.4	5.4	4.4
Food (excl. fish) exports (mill. USD)	502	1 161	5 734
Food (excl. fish) imports (mill. USD)	438	3 305	5 812
Production indices, gross (2004–06=100)			
Food	99	75	108
Crops	98	60	123
Cereals	111	40	137
Vegetable oils	53	54	266
Roots and tubers	80	93	78
Fruit and vegetables	93	77	88
Sugar	320	88	138
Livestock	102	101	82
Milk	88	100	77
Meat	124	105	86
Fish	142	120	202
Net trade (mln USD)			
Cereals and preparations	10	-387	1 322
Fruit and vegetables	-28	-601	-1 182
Meat and meat preparations	65	-692	-500
Dairy products (milk equivalent)	-12	-154	-368
Fish	-28	-150	-285
Environment			
Forest land area (% of total land area)	27.7	28.0	30.4
Agricultural land area (% of total land area)	64.5	59.3	58.1
Freshwater withdrawal (% total renewable)	5.9	3.2	3.0
Terrestrial protected areas (% total land area)			24.5
Agriculture area under organic agric. (ha)		132	259
Wood pellet production (1 000 t)		340	600
Emissions in agriculture (CO ₂ eq. Gg)	17 114	15 073	14 579
Net emissions in land use (CO ₂ eq. Gg)	1 000	-2 885	-164 421

Russian Federation

	1997	2007	2017
The setting			
Population, total (mill.)	147.7	143.3	145.7
Rural population, total (mill.)	39.4	37.9	36.8
Govt. expenditure on agric. (% total outlays)	1.8	0.7	1.7
Area harvested, crops (mill. ha)	59.3	52.2	62.5
Cropping intensity ratio	0.5	0.4	0.5
Total renew. water resources per cap. (m ³)	30 622	31 610	31 426
Land area equipped for irrigation (1 000 ha)	4 990	4 435	4 300
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	12.2	8.9	5.9
Employment in agriculture, female (%)	7.9	6.8	4.0
Fertilizers use, nitrogen, as N (1 000 t)	654.2	1 043.8	1 512.8
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	313.2	408.9	589.9
Fertilizers use, potassium, as K ₂ O (1 000 t)	198.8	280.2	370.3
Agric. value added per worker (constant USD)	5 722	8 571	15 880
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 907	3 289	3 407
Average dietary energy supply adequacy (%)	116	130	138
Dietary energy supply, cereals/roots/tubers (%)	47	41	40
Prevalence of undernourishment (% of pop.)	5.1	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			<0.5
Prev. moderate or severe food insecurity (% pop.)			6.2
GDP per capita (USD, PPP)	14 051	22 799	24 791
Cereal import dependency ratio (%)	5.7	-17.3	-30.1
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	20.5	22.2	25.7
At least basic drinking water (% pop. using)	95.0	95.8	97.1
Food supply			
Food production value (2004–06 mill. I\$)	47 246	47 952	65 616
Agriculture, value added (% GDP)	5.8	3.7	4.0
Food (excl. fish) exports (mill. USD)	819	6 577	14 485
Food (excl. fish) imports (mill. USD)	9 141	18 290	19 635
Production indices, gross (2004–06=100)			
Food	103	104	143
Crops	100	104	159
Cereals	110	106	176
Vegetable oils	46	98	211
Roots and tubers	125	97	105
Fruit and vegetables	88	107	122
Sugar	56	117	211
Livestock	106	105	125
Milk	108	102	99
Meat	106	109	152
Fish	145	110	155
Net trade (mln USD)			
Cereals and preparations	-935	3 703	6 932
Fruit and vegetables	-1 657	-6 087	-6 828
Meat and meat preparations	-2 689	-4 945	-2 388
Dairy products (milk equivalent)	-596	-1 255	-2 182
Fish	946	347	2 531
Environment			
Forest land area (% of total land area)	49.4	49.5	49.8
Agricultural land area (% of total land area)	13.3	13.2	13.2
Freshwater withdrawal (% total renewable)	1.7	1.5	1.5
Terrestrial protected areas (% total land area)			9.7
Agriculture area under organic agric. (ha)		34	657
Wood pellet production (1 000 t)		791	1 680
Emissions in agriculture (CO ₂ eq. Gg)	119 240	86 725	91 185
Net emissions in land use (CO ₂ eq. Gg)	193 536	-106 755	-43 097

Rwanda

	1997	2007	2017
The setting			
Population, total (mill.)	6.4	9.3	12.3
Rural population, total (mill.)	5.7	7.8	10.3
Govt. expenditure on agric. (% total outlays)		3.9	3.0
Area harvested, crops (mill. ha)	1.2	1.8	2.3
Cropping intensity ratio	1.2	1.3	1.6
Total renew. water resources per cap. (m ³)	2 039	1 408	1 089
Land area equipped for irrigation (1 000 ha)	7	10	10
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	88.4	78.6	67.1
Employment in agriculture, female (%)	93.7	87.1	77.1
Fertilizers use, nitrogen, as N (1 000 t)		2.6	4.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)		4.2	6.9
Fertilizers use, potassium, as K ₂ O (1 000 t)		2.0	1.3
Agric. value added per worker (constant USD)	246	378	581
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	1 839	2 067	2 184
Average dietary energy supply adequacy (%)	85	95	99
Dietary energy supply, cereals/roots/tubers (%)	51	50	49
Prevalence of undernourishment (% of pop.)	55.5	41.1	36.8
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	803	1 192	1 893
Cereal import dependency ratio (%)	18.7	21.5	32.5
Stunting, children under 5 (%)	48.3	51.7	37.9
Adult obesity (% of pop. 18 years and older)	1.7	2.7	4.8
At least basic drinking water (% pop. using)	45.4	50.7	57.7
Food supply			
Food production value (2004–06 mill. I\$)	1 047	1 734	1 750
Agriculture, value added (% GDP)	42.0	30.4	31.0
Food (excl. fish) exports (mill. USD)	1	5	38
Food (excl. fish) imports (mill. USD)	46	87	265
Production indices, gross (2004–06=100)			
Food	64	106	107
Crops	66	105	103
Cereals	55	98	171
Vegetable oils	41	133	160
Roots and tubers	35	88	102
Fruit and vegetables	82	105	80
Sugar	34	165	183
Livestock	56	116	144
Milk	64	117	128
Meat	53	115	143
Fish	60	122	373
Net trade (mln USD)			
Cereals and preparations	-16	-34	-75
Fruit and vegetables	-4	-2	-13
Meat and meat preparations	0	0	-1
Dairy products (milk equivalent)	-6	-2	-6
Fish	0	-3	-28
Environment			
Forest land area (% of total land area)	13.6	16.6	20.0
Agricultural land area (% of total land area)	64.7	73.2	73.4
Freshwater withdrawal (% total renewable)	1.1	1.1	
Terrestrial protected areas (% total land area)			9.1
Agriculture area under organic agric. (ha)		1	1
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	1 274	2 617	3 258
Net emissions in land use (CO ₂ eq. Gg)	9 100	-1 392	1 442

Saint Kitts and Nevis

	1997	2007	2017
The setting			
Population, total (mill.)	0.0	0.0	0.1
Rural population, total (mill.)	0.0	0.0	0.0
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.7	0.3	0.3
Total renew. water resources per cap. (m ³)	547	482	434
Land area equipped for irrigation (1 000 ha)	0	0	0
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)			
Employment in agriculture, female (%)			
Fertilizers use, nitrogen, as N (1 000 t)	0.0	0.0	0.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.0	0.0	0.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.0	0.0	0.0
Agric. value added per worker (constant USD)			
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 480	2 465	2 452
Average dietary energy supply adequacy (%)	104	102	100
Dietary energy supply, cereals/roots/tubers (%)	27	27	29
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	21 990	24 866	27 679
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	13.8	17.4	23.1
At least basic drinking water (% pop. using)	98.2	98.8	99.0
Food supply			
Food production value (2004–06 mill. I\$)	13	2	2
Agriculture, value added (% GDP)	3.2	1.2	1.1
Food (excl. fish) exports (mill. USD)	19	0	0
Food (excl. fish) imports (mill. USD)	20	37	61
Production indices, gross (2004–06=100)			
Food	206	34	39
Crops	220	26	31
Cereals			
Vegetable oils	170	120	239
Roots and tubers	136	105	108
Fruit and vegetables	83	106	113
Sugar	172	56	
Livestock	130	78	83
Milk			
Meat	128	75	76
Fish	33	100	6 731
Net trade (mln USD)			
Cereals and preparations	-5	-6	-11
Fruit and vegetables	-3	-8	-13
Meat and meat preparations	-5	-8	-14
Dairy products (milk equivalent)	-2	-4	-9
Fish	-2	-3	-4
Environment			
Forest land area (% of total land area)	42.3	42.3	42.3
Agricultural land area (% of total land area)	34.6	19.6	23.1
Freshwater withdrawal (% total renewable)		51.3	51.3
Terrestrial protected areas (% total land area)			3.3
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	18	16	8
Net emissions in land use (CO ₂ eq. Gg)	-37	110	0

Saint Lucia

	1997	2007	2017
The setting			
Population, total (mill.)	0.2	0.2	0.2
Rural population, total (mill.)	0.1	0.1	0.1
Govt. expenditure on agric. (% total outlays)			2.7
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	1.5	1.1	0.7
Total renew. water resources per cap. (m ³)	1 985	1 793	1 678
Land area equipped for irrigation (1 000 ha)	3	3	3
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	20.5	15.6	10.1
Employment in agriculture, female (%)	13.4	8.2	4.2
Fertilizers use, nitrogen, as N (1 000 t)		0.0	0.1
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)		0.0	0.1
Fertilizers use, potassium, as K ₂ O (1 000 t)		0.0	0.1
Agric. value added per worker (constant USD)	7 261	3 855	5 148
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 675	2 591	2 342
Average dietary energy supply adequacy (%)	113	106	94
Dietary energy supply, cereals/roots/tubers (%)	31	32	34
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			4.5
Prev. moderate or severe food insecurity (% pop.)			22.2
GDP per capita (USD, PPP)	10 665	11 676	12 334
Cereal import dependency ratio (%)	100.0	97.4	96.2
Stunting, children under 5 (%)		2.5	2.5
Adult obesity (% of pop. 18 years and older)	11.9	14.7	19.8
At least basic drinking water (% pop. using)	88.5	92.4	98.2
Food supply			
Food production value (2004–06 mill. I\$)	57	22	15
Agriculture, value added (% GDP)	4.9	2.5	1.8
Food (excl. fish) exports (mill. USD)	36	15	13
Food (excl. fish) imports (mill. USD)	68	89	119
Production indices, gross (2004–06=100)			
Food	252	99	66
Crops	306	91	47
Cereals			
Vegetable oils	178	115	106
Roots and tubers	309	87	101
Fruit and vegetables	326	89	37
Sugar			
Livestock	80	125	127
Milk	88	104	103
Meat	86	129	139
Fish	86	105	128
Net trade (mln USD)			
Cereals and preparations	-17	-20	-24
Fruit and vegetables	25	-1	-14
Meat and meat preparations	-18	-23	-28
Dairy products (milk equivalent)	-9	-12	-15
Fish	-4	-7	-10
Environment			
Forest land area (% of total land area)	35.0	34.1	33.1
Agricultural land area (% of total land area)	27.9	16.2	17.4
Freshwater withdrawal (% total renewable)		14.3	
Terrestrial protected areas (% total land area)			18.7
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	94	30	37
Net emissions in land use (CO ₂ eq. Gg)	-37	220	17

Saint Vincent and the Grenadines

	1997	2007	2017
The setting			
Population, total (mill.)	0.1	0.1	0.1
Rural population, total (mill.)	0.1	0.1	0.1
Govt. expenditure on agric. (% total outlays)			2.2
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	1.4	2.0	1.9
Total renew. water resources per cap. (m ³)	926	917	910
Land area equipped for irrigation (1 000 ha)	1	1	0
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	19.3	15.1	13.7
Employment in agriculture, female (%)	10.2	7.6	6.8
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)	5 097	6 972	7 761
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 480	2 833	2 982
Average dietary energy supply adequacy (%)	104	117	121
Dietary energy supply, cereals/roots/tubers (%)	41	35	38
Prevalence of undernourishment (% of pop.)	16.7	7.8	5.7
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	7 563	10 392	10 704
Cereal import dependency ratio (%)	100.0	100.0	94.8
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	13.3	17.4	23.8
At least basic drinking water (% pop. using)	93.2	94.1	95.1
Food supply			
Food production value (2004–06 mill. I\$)	21	29	29
Agriculture, value added (% GDP)	6.9	5.4	7.0
Food (excl. fish) exports (mill. USD)	34	27	20
Food (excl. fish) imports (mill. USD)	35	59	77
Production indices, gross (2004–06=100)			
Food	78	108	110
Crops	75	108	111
Cereals	179	91	86
Vegetable oils	144	106	72
Roots and tubers	77	112	100
Fruit and vegetables	69	108	115
Sugar	102	102	90
Livestock	107	110	97
Milk	115	110	87
Meat	116	114	104
Fish	11	109	57
Net trade (mln USD)			
Cereals and preparations	-1	-9	-11
Fruit and vegetables	17	11	-1
Meat and meat preparations	-8	-15	-16
Dairy products (milk equivalent)	-3	-7	-8
Fish	-1	-2	-2
Environment			
Forest land area (% of total land area)	65.9	67.7	69.2
Agricultural land area (% of total land area)	28.2	25.6	25.6
Freshwater withdrawal (% total renewable)	10.0		7.9
Terrestrial protected areas (% total land area)			22.4
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	25	17	14
Net emissions in land use (CO ₂ eq. Gg)	-110	183	0

Samoa

	1997	2007	2017
The setting			
Population, total (mill.)	0.2	0.2	0.2
Rural population, total (mill.)	0.1	0.1	0.2
Govt. expenditure on agric. (% total outlays)		2.1	7.0
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.8	1.1	1.6
Total renew. water resources per cap. (m ³)			
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	41.7	29.8	5.2
Employment in agriculture, female (%)	18.6	9.3	3.3
Fertilizers use, nitrogen, as N (1 000 t)	0.0	0.0	0.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.0	0.0	0.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.0	0.0	0.0
Agric. value added per worker (constant USD)	6 759	7 855	42 796
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 767	2 875	3 004
Average dietary energy supply adequacy (%)	124	127	131
Dietary energy supply, cereals/roots/tubers (%)	31	29	28
Prevalence of undernourishment (% of pop.)	5.3	3.6	2.7
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	4 330	5 717	6 070
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			4.7
Adult obesity (% of pop. 18 years and older)	34.0	39.6	45.5
At least basic drinking water (% pop. using)	91.9	92.7	97.4
Food supply			
Food production value (2004–06 mill. I\$)	44	49	57
Agriculture, value added (% GDP)	22.9	10.0	10.8
Food (excl. fish) exports (mill. USD)	7	5	9
Food (excl. fish) imports (mill. USD)	17	46	88
Production indices, gross (2004–06=100)			
Food	90	99	117
Crops	89	99	119
Cereals			
Vegetable oils	97	93	120
Roots and tubers	73	114	165
Fruit and vegetables	86	100	104
Sugar	100	100	99
Livestock	93	100	110
Milk	91	100	129
Meat	92	101	114
Fish	74	133	103
Net trade (mln USD)			
Cereals and preparations	-4	-9	-20
Fruit and vegetables	1	-1	-1
Meat and meat preparations	-6	-16	-29
Dairy products (milk equivalent)	-2	-5	-14
Fish	-1	2	7
Environment			
Forest land area (% of total land area)	56.1	60.4	60.4
Agricultural land area (% of total land area)	18.0	13.6	12.4
Freshwater withdrawal (% total renewable)			
Terrestrial protected areas (% total land area)			7.3
Agriculture area under organic agric. (ha)		7	28
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	127	141	174
Net emissions in land use (CO ₂ eq. Gg)	-2 051	-550	0

Sao Tome and Principe

	1997	2007	2017
The setting			
Population, total (mill.)	0.1	0.2	0.2
Rural population, total (mill.)	0.1	0.1	0.1
Govt. expenditure on agric. (% total outlays)		6.8	
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.9	0.9	1.0
Total renew. water resources per cap. (m ³)	16 629	13 366	10 671
Land area equipped for irrigation (1 000 ha)	10	10	10
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	30.8	27.2	24.0
Employment in agriculture, female (%)	19.1	15.1	12.6
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)	1 503	1 598	1 845
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 341	2 510	2 628
Average dietary energy supply adequacy (%)	107	114	118
Dietary energy supply, cereals/roots/tubers (%)	50	44	41
Prevalence of undernourishment (% of pop.)	17.8	10.1	7.0
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	1 974	2 349	3 011
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)	35.2	31.6	17.2
Adult obesity (% of pop. 18 years and older)	5.0	6.9	10.6
At least basic drinking water (% pop. using)	64.9	73.5	84.3
Food supply			
Food production value (2004–06 mill. I\$)	23	26	29
Agriculture, value added (% GDP)	24.8	18.8	11.5
Food (excl. fish) exports (mill. USD)	4	4	9
Food (excl. fish) imports (mill. USD)	5	22	33
Production indices, gross (2004–06=100)			
Food	90	102	114
Crops	91	102	114
Cereals	148	111	36
Vegetable oils	52	110	137
Roots and tubers	81	81	32
Fruit and vegetables	91	110	155
Sugar			
Livestock	75	106	116
Milk	105	117	37
Meat	72	105	136
Fish	84	105	256
Net trade (mln USD)			
Cereals and preparations		-12	-13
Fruit and vegetables	0	-2	-4
Meat and meat preparations			-5
Dairy products (milk equivalent)		-3	-3
Fish	0	0	0
Environment			
Forest land area (% of total land area)	58.3	57.3	55.8
Agricultural land area (% of total land area)	47.9	50.0	45.8
Freshwater withdrawal (% total renewable)	0.3		1.9
Terrestrial protected areas (% total land area)			29.3
Agriculture area under organic agric. (ha)		3	9
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	9	12	17
Net emissions in land use (CO ₂ eq. Gg)	0	293	0

Saudi Arabia

	1997	2007	2017
The setting			
Population, total (mill.)	19.4	25.2	33.7
Rural population, total (mill.)	4.1	4.7	5.4
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	1.0	0.9	0.5
Cropping intensity ratio	0.3	0.3	0.1
Total renew. water resources per cap. (m ³)	123	95	73
Land area equipped for irrigation (1 000 ha)	1 613	1 620	1 620
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	6.7	4.3	4.9
Employment in agriculture, female (%)	0.8	0.4	0.1
Fertilizers use, nitrogen, as N (1 000 t)	224.3	221.0	210.7
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	132.2	151.0	94.5
Fertilizers use, potassium, as K ₂ O (1 000 t)	9.0	22.5	14.2
Agric. value added per worker (constant USD)	28 500	35 501	24 947
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 088	3 035	3 130
Average dietary energy supply adequacy (%)	136	129	130
Dietary energy supply, cereals/roots/tubers (%)	50	50	45
Prevalence of undernourishment (% of pop.)	6.1	7.7	7.1
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	43 281	45 252	48 804
Cereal import dependency ratio (%)	75.0	79.4	96.0
Stunting, children under 5 (%)		9.3	
Adult obesity (% of pop. 18 years and older)	23.4	27.8	35.0
At least basic drinking water (% pop. using)	97.4	98.3	100.0
Food supply			
Food production value (2004–06 mill. I\$)	2 642	3 399	3 150
Agriculture, value added (% GDP)	5.4	2.8	2.5
Food (excl. fish) exports (mill. USD)	390	1 878	1 240
Food (excl. fish) imports (mill. USD)	4 156	10 334	16 585
Production indices, gross (2004–06=100)			
Food	80	103	96
Crops	84	100	61
Cereals	74	96	42
Vegetable oils	58	104	57
Roots and tubers	77	107	110
Fruit and vegetables	88	101	65
Sugar			
Livestock	76	107	135
Milk	60	109	192
Meat	81	106	107
Fish	73	114	166
Net trade (mln USD)			
Cereals and preparations	-1 492	-3 687	-5 306
Fruit and vegetables	-525	-940	-2 916
Meat and meat preparations	-495	-1 041	-2 033
Dairy products (milk equivalent)	-338	-704	-935
Fish	-89	-188	-338
Environment			
Forest land area (% of total land area)	0.5	0.5	0.5
Agricultural land area (% of total land area)	73.9	80.8	80.8
Freshwater withdrawal (% total renewable)	671.7	943.3	871.7
Terrestrial protected areas (% total land area)			4.8
Agriculture area under organic agric. (ha)		22	17
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	5 259	5 907	6 190
Net emissions in land use (CO ₂ eq. Gg)	0	0	0

Senegal

	1997	2007	2017
The setting			
Population, total (mill.)	9.1	11.7	15.9
Rural population, total (mill.)	5.5	6.8	8.6
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	2.2	2.1	2.7
Cropping intensity ratio	0.7	0.7	0.8
Total renew. water resources per cap. (m ³)	4 237	3 282	2 459
Land area equipped for irrigation (1 000 ha)	88	120	120
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	49.8	42.3	32.5
Employment in agriculture, female (%)	47.2	39.7	27.7
Fertilizers use, nitrogen, as N (1 000 t)	19.4	1.4	28.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	9.3	3.4	15.4
Fertilizers use, potassium, as K ₂ O (1 000 t)	7.3	1.3	12.3
Agric. value added per worker (constant USD)	1 241	1 373	2 612
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 164	2 365	2 550
Average dietary energy supply adequacy (%)	98	106	114
Dietary energy supply, cereals/roots/tubers (%)	61	63	61
Prevalence of undernourishment (% of pop.)	28.7	16.9	11.3
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	2 418	2 737	3 232
Cereal import dependency ratio (%)	48.9	58.5	56.2
Stunting, children under 5 (%)	29.5	20.1	17.0
Adult obesity (% of pop. 18 years and older)	3.8	5.1	7.4
At least basic drinking water (% pop. using)	59.9	68.4	80.7
Food supply			
Food production value (2004–06 mill. I\$)	844	947	1 620
Agriculture, value added (% GDP)	17.5	11.8	14.8
Food (excl. fish) exports (mill. USD)	54	196	496
Food (excl. fish) imports (mill. USD)	380	1 235	1 503
Production indices, gross (2004–06=100)			
Food	77	86	147
Crops	76	81	153
Cereals	73	70	168
Vegetable oils	85	55	146
Roots and tubers	20	117	185
Fruit and vegetables	64	121	172
Sugar	107	101	56
Livestock	81	101	126
Milk	97	117	123
Meat	81	95	124
Fish	121	103	124
Net trade (mln USD)			
Cereals and preparations	-160	-637	-711
Fruit and vegetables	-21	-50	-31
Meat and meat preparations	-1	-20	-14
Dairy products (milk equivalent)	-33	-105	-52
Fish	265	314	372
Environment			
Forest land area (% of total land area)	46.9	44.6	42.6
Agricultural land area (% of total land area)	44.8	44.2	46.1
Freshwater withdrawal (% total renewable)	5.7	5.7	
Terrestrial protected areas (% total land area)			25.4
Agriculture area under organic agric. (ha)		2	7
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	8 714	9 378	11 230
Net emissions in land use (CO ₂ eq. Gg)	8 122	6 062	4 468

Serbia

	1997	2007	2017
The setting			
Population, total (mill.)		9.1	8.8
Rural population, total (mill.)		4.2	3.8
Govt. expenditure on agric. (% total outlays)		2.0	2.2
Area harvested, crops (mill. ha)		3.0	2.6
Cropping intensity ratio		1.1	0.9
Total renew. water resources per cap. (m ³)		17 756	18 451
Land area equipped for irrigation (1 000 ha)		83	70
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	25.1	20.8	17.2
Employment in agriculture, female (%)	25.7	19.5	14.9
Fertilizers use, nitrogen, as N (1 000 t)		313.8	228.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)		97.3	210.6
Fertilizers use, potassium, as K ₂ O (1 000 t)		95.8	91.5
Agric. value added per worker (constant USD)	4 749	4 512	5 876
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)		2 729	2 728
Average dietary energy supply adequacy (%)		109	110
Dietary energy supply, cereals/roots/tubers (%)		37	41
Prevalence of undernourishment (% of pop.)		6.0	5.7
Prev. of severe food insecurity (% of pop.)			1.6
Prev. moderate or severe food insecurity (% pop.)			11.7
GDP per capita (USD, PPP)		12 754	15 289
Cereal import dependency ratio (%)		-18.6	-47.2
Stunting, children under 5 (%)		8.1	6.0
Adult obesity (% of pop. 18 years and older)		19.2	23.5
At least basic drinking water (% pop. using)		92.4	85.5
Food supply			
Food production value (2004–06 mill. I\$)		4 254	4 167
Agriculture, value added (% GDP)	19.0	8.3	6.0
Food (excl. fish) exports (mill. USD)		1 391	2 373
Food (excl. fish) imports (mill. USD)		668	1 060
Production indices, gross (2004–06=100)			
Food		94	92
Crops		89	87
Cereals		75	82
Vegetable oils		79	136
Roots and tubers		80	64
Fruit and vegetables		103	90
Sugar		101	79
Livestock		105	102
Milk		99	96
Meat		110	104
Fish		120	95
Net trade (mln USD)			
Cereals and preparations		266	469
Fruit and vegetables		198	546
Meat and meat preparations		72	-13
Dairy products (milk equivalent)		22	12
Fish	0	-89	-79
Environment			
Forest land area (% of total land area)		29.4	31.1
Agricultural land area (% of total land area)		40.9	39.1
Freshwater withdrawal (% total renewable)		2.4	2.9
Terrestrial protected areas (% total land area)			6.6
Agriculture area under organic agric. (ha)		1	13
Wood pellet production (1 000 t)		108	306
Emissions in agriculture (CO ₂ eq. Gg)		7 297	5 908
Net emissions in land use (CO ₂ eq. Gg)		-64 706	-1 315

Seychelles

	1997	2007	2017
The setting			
Population, total (mill.)	0.1	0.1	0.1
Rural population, total (mill.)	0.0	0.0	0.0
Govt. expenditure on agric. (% total outlays)		5.1	2.6
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	1.2	0.8	1.3
Total renew. water resources per cap. (m ³)			
Land area equipped for irrigation (1 000 ha)		0	0
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)			
Employment in agriculture, female (%)			
Fertilizers use, nitrogen, as N (1 000 t)		0.0	0.1
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)		0.0	0.0
Fertilizers use, potassium, as K ₂ O (1 000 t)		0.0	0.0
Agric. value added per worker (constant USD)			
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 234	2 369	2 362
Average dietary energy supply adequacy (%)	95	99	99
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			3.2
Prev. moderate or severe food insecurity (% pop.)			14.3
GDP per capita (USD, PPP)	18 453	20 968	26 416
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)		7.9	7.9
Adult obesity (% of pop. 18 years and older)	8.1	10.4	14.6
At least basic drinking water (% pop. using)	93.2	95.0	96.2
Food supply			
Food production value (2004–06 mill. I\$)	8	5	5
Agriculture, value added (% GDP)	4.7	2.7	2.0
Food (excl. fish) exports (mill. USD)	1	2	2
Food (excl. fish) imports (mill. USD)	51	84	127
Production indices, gross (2004–06=100)			
Food	163	101	106
Crops	127	95	98
Cereals			
Vegetable oils	121	79	86
Roots and tubers	89	95	121
Fruit and vegetables	85	102	126
Sugar			
Livestock	185	105	104
Milk	144	77	39
Meat	178	114	122
Fish	14	65	134
Net trade (mln USD)			
Cereals and preparations	-14	-17	-18
Fruit and vegetables	-10	-18	-27
Meat and meat preparations	-4	-13	-18
Dairy products (milk equivalent)	-6	-12	-20
Fish	50	204	360
Environment			
Forest land area (% of total land area)	88.4	88.4	88.4
Agricultural land area (% of total land area)	8.7	6.5	3.4
Freshwater withdrawal (% total renewable)			
Terrestrial protected areas (% total land area)			42.1
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	12	7	4
Net emissions in land use (CO ₂ eq. Gg)	0	0	0

Sierra Leone

	1997	2007	2017
The setting			
Population, total (mill.)	4.3	6.0	7.7
Rural population, total (mill.)	2.8	3.7	4.5
Govt. expenditure on agric. (% total outlays)			0.1
Area harvested, crops (mill. ha)	0.7	1.2	1.6
Cropping intensity ratio	1.2	0.9	0.9
Total renew. water resources per cap. (m ³)	37 166	26 600	21 172
Land area equipped for irrigation (1 000 ha)	29	30	30
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	70.5	66.9	59.2
Employment in agriculture, female (%)	73.4	68.2	57.5
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)	733	870	1 231
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 017	2 182	2 433
Average dietary energy supply adequacy (%)	95	102	110
Dietary energy supply, cereals/roots/tubers (%)	64	62	64
Prevalence of undernourishment (% of pop.)	39.6	32.2	25.6
Prev. of severe food insecurity (% of pop.)			72.7
Prev. moderate or severe food insecurity (% pop.)			90.8
GDP per capita (USD, PPP)	909	1 129	1 404
Cereal import dependency ratio (%)	35.1	29.4	27.8
Stunting, children under 5 (%)	38.4	37.4	37.9
Adult obesity (% of pop. 18 years and older)	3.7	5.1	7.5
At least basic drinking water (% pop. using)	39.9	48.0	60.8
Food supply			
Food production value (2004–06 mill. I\$)	425	727	1 378
Agriculture, value added (% GDP)	47.7	52.2	60.3
Food (excl. fish) exports (mill. USD)	4	20	74
Food (excl. fish) imports (mill. USD)	126	133	364
Production indices, gross (2004–06=100)			
Food	58	100	189
Crops	58	98	187
Cereals	54	76	176
Vegetable oils	91	90	112
Roots and tubers	23	127	318
Fruit and vegetables	79	106	134
Sugar	99	100	111
Livestock	93	125	203
Milk	99	119	227
Meat	80	126	189
Fish	52	100	145
Net trade (mln USD)			
Cereals and preparations	-97	-58	-194
Fruit and vegetables	-4	-8	-25
Meat and meat preparations	0	-10	-24
Dairy products (milk equivalent)			-10
Fish	28	7	8
Environment			
Forest land area (% of total land area)	41.3	38.6	43.9
Agricultural land area (% of total land area)	38.9	50.2	54.7
Freshwater withdrawal (% total renewable)	0.1	0.1	
Terrestrial protected areas (% total land area)			9.4
Agriculture area under organic agric. (ha)		73	101
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	1 406	2 452	3 119
Net emissions in land use (CO ₂ eq. Gg)	5 788	7 350	6 575

Singapore

	1997	2007	2017
The setting			
Population, total (mill.)	3.8	4.6	5.8
Rural population, total (mill.)	0.0	0.0	0.0
Govt. expenditure on agric. (% total outlays)	0.2	0.3	0.3
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.4	1.3	2.1
Total renew. water resources per cap. (m ³)	164	127	105
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	1.0	1.0	0.5
Employment in agriculture, female (%)	0.4	0.5	0.2
Fertilizers use, nitrogen, as N (1 000 t)	3.4	12.3	22.5
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.4	0.0	0.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.0	1.5	0.0
Agric. value added per worker (constant USD)	7 603	3 523	5 930
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			1.0
Prev. moderate or severe food insecurity (% pop.)			4.1
GDP per capita (USD, PPP)	52 357	69 203	87 760
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)	4.4		
Adult obesity (% of pop. 18 years and older)	4.6	5.4	6.6
At least basic drinking water (% pop. using)	100.0	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	49	26	35
Agriculture, value added (% GDP)	0.1	0.0	0.0
Food (excl. fish) exports (mill. USD)	1 720	2 468	5 163
Food (excl. fish) imports (mill. USD)	3 106	4 345	6 872
Production indices, gross (2004–06=100)			
Food	181	96	128
Crops	42	100	136
Cereals			
Vegetable oils	98	110	71
Roots and tubers	92	112	142
Fruit and vegetables	42	100	136
Sugar			
Livestock	204	95	127
Milk			
Meat	1 526	8	4
Fish	148	89	78
Net trade (mln USD)			
Cereals and preparations	-217	78	694
Fruit and vegetables	-459	-638	-1 258
Meat and meat preparations	-249	-541	-915
Dairy products (milk equivalent)	-161	-399	-533
Fish	35	-428	-750
Environment			
Forest land area (% of total land area)	24.4	23.5	23.1
Agricultural land area (% of total land area)	1.8	1.2	0.9
Freshwater withdrawal (% total renewable)			
Terrestrial protected areas (% total land area)			5.6
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	24	97	166
Net emissions in land use (CO ₂ eq. Gg)	-37	73	37

Slovakia

	1997	2007	2017
The setting			
Population, total (mill.)	5.4	5.4	5.5
Rural population, total (mill.)	2.3	2.4	2.5
Govt. expenditure on agric. (% total outlays)	4.3	3.6	1.1
Area harvested, crops (mill. ha)	1.2	1.1	1.1
Cropping intensity ratio	0.7	0.8	0.8
Total renew. water resources per cap. (m ³)	9 293	9 281	9 196
Land area equipped for irrigation (1 000 ha)	171	172	63
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	9.2	4.2	2.7
Employment in agriculture, female (%)	6.4	2.2	1.4
Fertilizers use, nitrogen, as N (1 000 t)	81.3	87.7	122.5
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	17.7	18.4	23.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	18.1	17.7	17.7
Agric. value added per worker (constant USD)	8 376	25 206	49 414
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 815	2 830	2 964
Average dietary energy supply adequacy (%)	110	110	116
Dietary energy supply, cereals/roots/tubers (%)	38	37	37
Prevalence of undernourishment (% of pop.)	5.9	5.9	3.4
Prev. of severe food insecurity (% of pop.)			<0.5
Prev. moderate or severe food insecurity (% pop.)			4.7
GDP per capita (USD, PPP)	15 605	24 050	30 133
Cereal import dependency ratio (%)	-7.4	-30.2	-27.7
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	15.9	18.3	22.4
At least basic drinking water (% pop. using)	98.0	98.0	99.8
Food supply			
Food production value (2004–06 mill. I\$)	2 130	1 601	1 554
Agriculture, value added (% GDP)	4.6	3.6	3.1
Food (excl. fish) exports (mill. USD)	321	1 846	2 656
Food (excl. fish) imports (mill. USD)	487	2 255	3 545
Production indices, gross (2004–06=100)			
Food	118	89	86
Crops	114	83	95
Cereals	109	81	103
Vegetable oils	57	97	151
Roots and tubers	160	91	47
Fruit and vegetables	153	86	44
Sugar	106	54	78
Livestock	123	95	77
Milk	102	99	86
Meat	142	91	67
Fish	93	114	161
Net trade (mln USD)			
Cereals and preparations	-20	65	216
Fruit and vegetables	-106	-435	-579
Meat and meat preparations	-19	-219	-541
Dairy products (milk equivalent)	20	86	-125
Fish	-41	-55	-94
Environment			
Forest land area (% of total land area)	39.9	40.2	40.4
Agricultural land area (% of total land area)	50.8	40.1	39.1
Freshwater withdrawal (% total renewable)	2.6	1.4	1.1
Terrestrial protected areas (% total land area)			37.6
Agriculture area under organic agric. (ha)		118	189
Wood pellet production (1 000 t)		90	126
Emissions in agriculture (CO ₂ eq. Gg)	3 408	2 360	2 364
Net emissions in land use (CO ₂ eq. Gg)	-9 905	-6 419	-5 102

Slovenia

	1997	2007	2017
The setting			
Population, total (mill.)	2.0	2.0	2.1
Rural population, total (mill.)	1.0	1.0	0.9
Govt. expenditure on agric. (% total outlays)	3.1	2.3	1.1
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	0.7	0.7	0.6
Total renew. water resources per cap. (m ³)	16 031	15 824	15 322
Land area equipped for irrigation (1 000 ha)	2	9	6
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	12.1	9.9	5.6
Employment in agriculture, female (%)	12.5	10.2	4.8
Fertilizers use, nitrogen, as N (1 000 t)	33.0	29.2	27.1
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	14.9	12.7	9.1
Fertilizers use, potassium, as K ₂ O (1 000 t)	19.8	14.9	11.1
Agric. value added per worker (constant USD)	8 218	9 154	17 704
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 058	3 140	3 132
Average dietary energy supply adequacy (%)	121	124	126
Dietary energy supply, cereals/roots/tubers (%)	38	37	39
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	22 723	30 191	31 351
Cereal import dependency ratio (%)	49.3	47.2	36.9
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	16.1	18.6	22.5
At least basic drinking water (% pop. using)	99.6	99.6	99.5
Food supply			
Food production value (2004–06 mill. I\$)	820	755	702
Agriculture, value added (% GDP)	3.5	1.9	1.7
Food (excl. fish) exports (mill. USD)	220	780	1 455
Food (excl. fish) imports (mill. USD)	515	1 509	2 084
Production indices, gross (2004–06=100)			
Food	101	93	86
Crops	96	92	83
Cereals	99	96	99
Vegetable oils	19	195	174
Roots and tubers	146	87	55
Fruit and vegetables	84	94	80
Sugar	118	107	
Livestock	104	94	88
Milk	89	98	99
Meat	113	90	79
Fish	129	96	79
Net trade (mln USD)			
Cereals and preparations	-90	-217	-153
Fruit and vegetables	-103	-237	-304
Meat and meat preparations	3	-62	-82
Dairy products (milk equivalent)	21	26	8
Fish	-23	-55	-77
Environment			
Forest land area (% of total land area)	60.6	61.8	62.0
Agricultural land area (% of total land area)	24.6	24.7	30.5
Freshwater withdrawal (% total renewable)	2.8	2.9	2.8
Terrestrial protected areas (% total land area)			53.6
Agriculture area under organic agric. (ha)		29	46
Wood pellet production (1 000 t)		83	115
Emissions in agriculture (CO ₂ eq. Gg)	1 755	1 517	1 491
Net emissions in land use (CO ₂ eq. Gg)	-6 753	-7 780	-6 156

Solomon Islands

	1997	2007	2017
The setting			
Population, total (mill.)	0.4	0.5	0.7
Rural population, total (mill.)	0.3	0.4	0.5
Govt. expenditure on agric. (% total outlays)		4.5	3.7
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	1.0	1.1	1.1
Total renew. water resources per cap. (m ³)	117 663	90 688	73 123
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	65.0	63.8	61.5
Employment in agriculture, female (%)	67.1	65.4	62.7
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)			
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 326	2 453	2 571
Average dietary energy supply adequacy (%)	109	115	118
Dietary energy supply, cereals/roots/tubers (%)	70	66	68
Prevalence of undernourishment (% of pop.)	15.0	11.2	8.9
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	1 817	1 842	2 126
Cereal import dependency ratio (%)	100.0	100.0	93.4
Stunting, children under 5 (%)		32.8	31.6
Adult obesity (% of pop. 18 years and older)	11.4	15.0	20.5
At least basic drinking water (% pop. using)	78.7	76.2	67.8
Food supply			
Food production value (2004–06 mill. I\$)	85	116	114
Agriculture, value added (% GDP)	39.5	31.4	26.7
Food (excl. fish) exports (mill. USD)	65	30	66
Food (excl. fish) imports (mill. USD)	17	45	103
Production indices, gross (2004–06=100)			
Food	82	112	110
Crops	82	113	111
Cereals	66	96	96
Vegetable oils	84	111	108
Roots and tubers	76	104	125
Fruit and vegetables	73	115	123
Sugar			
Livestock	84	103	106
Milk	96	106	109
Meat	83	102	104
Fish	175	92	162
Net trade (mln USD)			
Cereals and preparations	-13	-29	-60
Fruit and vegetables	0	-1	-4
Meat and meat preparations		-11	-17
Dairy products (milk equivalent)		-3	-3
Fish	41	20	56
Environment			
Forest land area (% of total land area)	81.6	79.7	77.7
Agricultural land area (% of total land area)	2.6	3.4	3.9
Freshwater withdrawal (% total renewable)			
Terrestrial protected areas (% total land area)			2.2
Agriculture area under organic agric. (ha)		4	4
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	54	60	66
Net emissions in land use (CO ₂ eq. Gg)	1 687	1 614	1 981

Somalia

	1997	2007	2017
The setting			
Population, total (mill.)	7.9	11.1	15.0
Rural population, total (mill.)	5.5	7.2	8.4
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.8	0.5	0.6
Cropping intensity ratio	0.8	0.5	0.5
Total renew. water resources per cap. (m ³)	1 807	1 332	997
Land area equipped for irrigation (1 000 ha)	200	200	200
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	74.5	73.2	72.5
Employment in agriculture, female (%)	79.1	77.6	76.5
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)			
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	1 630	1 706	2 048
Average dietary energy supply adequacy (%)	76	79	94
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)			
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)	29.2	42.1	
Adult obesity (% of pop. 18 years and older)	3.5	4.8	6.9
At least basic drinking water (% pop. using)	19.6	32.9	52.4
Food supply			
Food production value (2004–06 mill. I\$)	1 481	1 549	1 691
Agriculture, value added (% GDP)	62.3	53.0	52.9
Food (excl. fish) exports (mill. USD)	146	118	445
Food (excl. fish) imports (mill. USD)	88	296	1 589
Production indices, gross (2004–06=100)			
Food	94	98	107
Crops	86	90	95
Cereals	91	62	56
Vegetable oils	77	96	93
Roots and tubers	66	99	112
Fruit and vegetables	87	99	108
Sugar	98	109	114
Livestock	95	100	109
Milk	102	101	97
Meat	87	97	124
Fish	99	106	106
Net trade (mln USD)			
Cereals and preparations	-36	-127	-437
Fruit and vegetables	10	-12	-329
Meat and meat preparations	0	1	-2
Dairy products (milk equivalent)	-1	-4	-80
Fish	11	0	-13
Environment			
Forest land area (% of total land area)	12.3	11.1	9.9
Agricultural land area (% of total land area)	70.2	70.2	70.3
Freshwater withdrawal (% total renewable)	22.4	22.4	
Terrestrial protected areas (% total land area)			0.8
Agriculture area under organic agric. (ha)		0	
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	20 635	19 860	19 938
Net emissions in land use (CO ₂ eq. Gg)	15 768	15 401	13 200

South Africa

	1997	2007	2017
The setting			
Population, total (mill.)	43.0	49.1	57.8
Rural population, total (mill.)	19.4	19.6	19.3
Govt. expenditure on agric. (% total outlays)	1.7	2.4	1.4
Area harvested, crops (mill. ha)	7.5	4.9	5.6
Cropping intensity ratio	0.5	0.4	0.5
Total renew. water resources per cap. (m ³)	1 176	1 029	905
Land area equipped for irrigation (1 000 ha)	1 498	1 526	1 670
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	10.3	6.6	5.2
Employment in agriculture, female (%)	8.8	5.1	3.7
Fertilizers use, nitrogen, as N (1 000 t)	477.1	439.5	402.8
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	224.9	192.5	208.4
Fertilizers use, potassium, as K ₂ O (1 000 t)	136.6	136.9	120.2
Agric. value added per worker (constant USD)	6 233	8 521	12 025
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 877	2 924	3 006
Average dietary energy supply adequacy (%)	121	122	125
Dietary energy supply, cereals/roots/tubers (%)	56	54	53
Prevalence of undernourishment (% of pop.)	5.0	4.6	6.2
Prev. of severe food insecurity (% of pop.)			29.2
Prev. moderate or severe food insecurity (% pop.)			51.1
GDP per capita (USD, PPP)	9 701	11 925	12 233
Cereal import dependency ratio (%)	4.5	15.2	3.9
Stunting, children under 5 (%)		24.9	27.4
Adult obesity (% of pop. 18 years and older)	18.1	21.7	27.0
At least basic drinking water (% pop. using)	84.5	88.2	92.7
Food supply			
Food production value (2004–06 mill. I\$)	9 584	11 328	14 529
Agriculture, value added (% GDP)	3.6	2.6	2.3
Food (excl. fish) exports (mill. USD)	1 836	2 676	7 201
Food (excl. fish) imports (mill. USD)	1 196	2 975	4 651
Production indices, gross (2004–06=100)			
Food	87	102	131
Crops	95	93	132
Cereals	112	80	157
Vegetable oils	83	58	186
Roots and tubers	88	106	136
Fruit and vegetables	84	103	121
Sugar	110	98	86
Livestock	78	113	128
Milk	92	104	111
Meat	73	115	134
Fish	67	88	68
Net trade (mln USD)			
Cereals and preparations	-25	-818	-221
Fruit and vegetables	802	1 560	3 794
Meat and meat preparations	-117	-274	-322
Dairy products (milk equivalent)	-11	-84	68
Fish	66	318	174
Environment			
Forest land area (% of total land area)	7.6	7.6	7.6
Agricultural land area (% of total land area)	80.7	79.9	79.4
Freshwater withdrawal (% total renewable)	25.1	24.8	30.2
Terrestrial protected areas (% total land area)			8.0
Agriculture area under organic agric. (ha)		50	41
Wood pellet production (1 000 t)		75	5
Emissions in agriculture (CO ₂ eq. Gg)	30 470	29 976	28 923
Net emissions in land use (CO ₂ eq. Gg)	2 523	3 255	1 016

South Sudan

	1997	2007	2017
The setting			
Population, total (mill.)			11.0
Rural population, total (mill.)			10.4
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)			1.7
Cropping intensity ratio			0.6
Total renew. water resources per cap. (m ³)			3 936
Land area equipped for irrigation (1 000 ha)			38
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	45.2	43.4	48.9
Employment in agriculture, female (%)	59.5	57.6	61.5
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)			397
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)			1 678
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)			
At least basic drinking water (% pop. using)			40.7
Food supply			
Food production value (2004–06 mill. I\$)			1 742
Agriculture, value added (% GDP)			3.2
Food (excl. fish) exports (mill. USD)			0
Food (excl. fish) imports (mill. USD)			277
Production indices, gross (2004–06=100)			
Food			
Crops			
Cereals			
Vegetable oils			
Roots and tubers			
Fruit and vegetables			
Sugar			
Livestock			
Milk			
Meat			
Fish			
Net trade (mln USD)			
Cereals and preparations			-150
Fruit and vegetables			-9
Meat and meat preparations			
Dairy products (milk equivalent)			-5
Fish	0	0	0
Environment			
Forest land area (% of total land area)			
Agricultural land area (% of total land area)			
Freshwater withdrawal (% total renewable)			1.3
Terrestrial protected areas (% total land area)			15.5
Agriculture area under organic agric. (ha)			130
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)			47 821
Net emissions in land use (CO ₂ eq. Gg)			

Spain

	1997	2007	2017
The setting			
Population, total (mill.)	40.0	45.4	46.7
Rural population, total (mill.)	9.6	10.1	9.1
Govt. expenditure on agric. (% total outlays)	0.8	0.9	0.3
Area harvested, crops (mill. ha)	14.1	12.5	12.8
Cropping intensity ratio	0.7	0.7	0.8
Total renew. water resources per cap. (m ³)	2 778	2 456	2 405
Land area equipped for irrigation (1 000 ha)	3 634	3 815	3 923
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	8.0	4.5	4.4
Employment in agriculture, female (%)	5.8	2.9	2.3
Fertilizers use, nitrogen, as N (1 000 t)	1 026.5	985.9	1 079.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	605.2	554.4	436.5
Fertilizers use, potassium, as K ₂ O (1 000 t)	491.1	444.9	389.6
Agric. value added per worker (constant USD)	28 951	37 478	47 587
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 341	3 219	3 256
Average dietary energy supply adequacy (%)	132	128	130
Dietary energy supply, cereals/roots/tubers (%)	26	26	28
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			1.5
Prev. moderate or severe food insecurity (% pop.)			7.5
GDP per capita (USD, PPP)	29 967	34 330	34 269
Cereal import dependency ratio (%)	21.1	34.5	31.8
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	19.6	22.5	27.1
At least basic drinking water (% pop. using)	100.0	100.0	99.9
Food supply			
Food production value (2004–06 mill. I\$)	30 732	32 728	34 123
Agriculture, value added (% GDP)	4.3	2.4	2.7
Food (excl. fish) exports (mill. USD)	12 406	25 197	40 349
Food (excl. fish) imports (mill. USD)	7 420	18 215	23 665
Production indices, gross (2004–06=100)			
Food	95	101	106
Crops	102	102	108
Cereals	99	123	87
Vegetable oils	126	123	134
Roots and tubers	124	95	86
Fruit and vegetables	88	93	105
Sugar	126	72	48
Livestock	85	99	102
Milk	91	98	112
Meat	84	100	100
Fish	126	96	111
Net trade (mln USD)			
Cereals and preparations	-616	-2 433	-2 203
Fruit and vegetables	5 789	9 453	13 927
Meat and meat preparations	402	1 353	5 020
Dairy products (milk equivalent)	-441	-1 188	-575
Fish	-1 598	-3 750	-3 329
Environment			
Forest land area (% of total land area)	32.1	35.4	37.0
Agricultural land area (% of total land area)	60.2	56.1	52.6
Freshwater withdrawal (% total renewable)	30.9	31.4	28.7
Terrestrial protected areas (% total land area)			28.1
Agriculture area under organic agric. (ha)		805	2 082
Wood pellet production (1 000 t)		250	461
Emissions in agriculture (CO ₂ eq. Gg)	36 758	38 811	37 756
Net emissions in land use (CO ₂ eq. Gg)	-46 389	-33 057	-33 013

Sri Lanka

	1997	2007	2017
The setting			
Population, total (mill.)	18.5	19.8	21.2
Rural population, total (mill.)	15.1	16.2	17.1
Govt. expenditure on agric. (% total outlays)	3.6	4.4	5.3
Area harvested, crops (mill. ha)	1.9	2.0	2.1
Cropping intensity ratio	1.0	1.0	0.9
Total renew. water resources per cap. (m ³)	2 858	2 665	2 529
Land area equipped for irrigation (1 000 ha)	570	570	637
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	38.7	33.0	26.1
Employment in agriculture, female (%)	45.1	38.0	29.4
Fertilizers use, nitrogen, as N (1 000 t)	188.3	161.6	109.7
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	35.2	49.3	19.5
Fertilizers use, potassium, as K ₂ O (1 000 t)	61.6	77.6	25.8
Agric. value added per worker (constant USD)	1 299	1 577	2 648
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 352	2 401	2 638
Average dietary energy supply adequacy (%)	103	104	115
Dietary energy supply, cereals/roots/tubers (%)	56	56	56
Prevalence of undernourishment (% of pop.)	18.6	16.5	9.0
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	5 543	7 328	11 706
Cereal import dependency ratio (%)	35.4	31.1	26.0
Stunting, children under 5 (%)	18.4	17.3	17.3
Adult obesity (% of pop. 18 years and older)	2.0	3.1	5.4
At least basic drinking water (% pop. using)	79.5	83.6	89.4
Food supply			
Food production value (2004–06 mill. I\$)	1 743	2 055	2 052
Agriculture, value added (% GDP)	11.5	7.7	7.7
Food (excl. fish) exports (mill. USD)	187	290	924
Food (excl. fish) imports (mill. USD)	708	1 392	2 173
Production indices, gross (2004–06=100)			
Food	88	103	103
Crops	88	103	101
Cereals	73	102	56
Vegetable oils	102	113	140
Roots and tubers	104	100	119
Fruit and vegetables	99	104	138
Sugar	133	75	63
Livestock	100	102	145
Milk	168	104	227
Meat	82	101	107
Fish	98	111	190
Net trade (mln USD)			
Cereals and preparations	-219	-331	-671
Fruit and vegetables	-15	-118	-122
Meat and meat preparations	-2	-6	-3
Dairy products (milk equivalent)	-95	-237	-313
Fish	-3	58	27
Environment			
Forest land area (% of total land area)	35.4	33.7	32.8
Agricultural land area (% of total land area)	37.1	38.1	43.7
Freshwater withdrawal (% total renewable)	24.6	24.5	
Terrestrial protected areas (% total land area)			29.9
Agriculture area under organic agric. (ha)		17	166
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	5 548	5 180	4 574
Net emissions in land use (CO ₂ eq. Gg)	3 622	2 313	2 824

Sudan

	1997	2007	2017
The setting			
Population, total (mill.)			41.8
Rural population, total (mill.)			27.1
Govt. expenditure on agric. (% total outlays)			2.5
Area harvested, crops (mill. ha)			14.0
Cropping intensity ratio			0.7
Total renew. water resources per cap. (m ³)			933
Land area equipped for irrigation (1 000 ha)			1 855
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	49.9	46.2	43.2
Employment in agriculture, female (%)	65.9	62.3	58.9
Fertilizers use, nitrogen, as N (1 000 t)			163.9
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			4.7
Fertilizers use, potassium, as K ₂ O (1 000 t)			3.9
Agric. value added per worker (constant USD)	4 336	4 343	4 972
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)			2 452
Average dietary energy supply adequacy (%)			111
Dietary energy supply, cereals/roots/tubers (%)			40
Prevalence of undernourishment (% of pop.)			20.1
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)		3 195	4 436
Cereal import dependency ratio (%)			18.3
Stunting, children under 5 (%)			38.2
Adult obesity (% of pop. 18 years and older)		4.9	7.4
At least basic drinking water (% pop. using)		47.7	60.3
Food supply			
Food production value (2004–06 mill. I\$)			6 384
Agriculture, value added (% GDP)			32.1
Food (excl. fish) exports (mill. USD)			1 389
Food (excl. fish) imports (mill. USD)			1 776
Production indices, gross (2004–06=100)			
Food			
Crops			
Cereals			
Vegetable oils			
Roots and tubers			
Fruit and vegetables			
Sugar			
Livestock			
Milk			
Meat			
Fish			
Net trade (mln USD)			
Cereals and preparations			-794
Fruit and vegetables			-86
Meat and meat preparations			-1
Dairy products (milk equivalent)			-88
Fish	0	0	-4
Environment			
Forest land area (% of total land area)			
Agricultural land area (% of total land area)			
Freshwater withdrawal (% total renewable)			71.2
Terrestrial protected areas (% total land area)			2.3
Agriculture area under organic agric. (ha)			130
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)			66 933
Net emissions in land use (CO ₂ eq. Gg)			

Suriname

	1997	2007	2017
The setting			
Population, total (mill.)	0.5	0.5	0.6
Rural population, total (mill.)	0.2	0.2	0.2
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	1.0	1.0	1.0
Total renew. water resources per cap. (m ³)	217 105	194 232	175 719
Land area equipped for irrigation (1 000 ha)	50	56	60
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	5.4	8.1	7.1
Employment in agriculture, female (%)	2.9	4.5	4.0
Fertilizers use, nitrogen, as N (1 000 t)	3.9	5.2	12.4
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.1	0.7	1.4
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.1	1.0	1.3
Agric. value added per worker (constant USD)	38 327	25 270	37 863
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 514	2 649	2 738
Average dietary energy supply adequacy (%)	109	113	115
Dietary energy supply, cereals/roots/tubers (%)	44	44	42
Prevalence of undernourishment (% of pop.)	13.0	9.7	8.5
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	9 801	12 963	13 636
Cereal import dependency ratio (%)	4.0	21.4	-4.6
Stunting, children under 5 (%)	14.5	10.7	
Adult obesity (% of pop. 18 years and older)	17.8	21.3	26.5
At least basic drinking water (% pop. using)	89.6	91.9	95.4
Food supply			
Food production value (2004-06 mill. I\$)	111	112	143
Agriculture, value added (% GDP)	25.4	10.2	9.1
Food (excl. fish) exports (mill. USD)	117	33	89
Food (excl. fish) imports (mill. USD)	141	126	150
Production indices, gross (2004-06=100)			
Food	112	113	144
Crops	116	110	149
Cereals	123	103	158
Vegetable oils	78	92	133
Roots and tubers	108	95	155
Fruit and vegetables	99	120	129
Sugar	138	138	145
Livestock	98	126	124
Milk	103	94	62
Meat	83	135	122
Fish	52	98	149
Net trade (mln USD)			
Cereals and preparations	62	-17	3
Fruit and vegetables	9	8	24
Meat and meat preparations	-28	-27	-18
Dairy products (milk equivalent)	-8	-12	-12
Fish	41	47	101
Environment			
Forest land area (% of total land area)	98.7	98.5	98.2
Agricultural land area (% of total land area)	0.6	0.4	0.6
Freshwater withdrawal (% total renewable)	0.7	0.6	
Terrestrial protected areas (% total land area)			14.5
Agriculture area under organic agric. (ha)			0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	652	509	665
Net emissions in land use (CO ₂ eq. Gg)	3 106	2 909	3 595

Sweden

	1997	2007	2017
The setting			
Population, total (mill.)	8.9	9.2	10.0
Rural population, total (mill.)	1.4	1.4	1.3
Govt. expenditure on agric. (% total outlays)	0.6	0.5	0.4
Area harvested, crops (mill. ha)	1.5	1.2	1.2
Cropping intensity ratio	0.5	0.4	0.5
Total renew. water resources per cap. (m ³)	19 619	18 989	17 556
Land area equipped for irrigation (1 000 ha)	124	160	155
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	3.2	2.3	1.8
Employment in agriculture, female (%)	1.7	0.9	1.0
Fertilizers use, nitrogen, as N (1 000 t)	184.8	167.1	198.5
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	38.3	31.4	33.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	44.3	37.6	33.1
Agric. value added per worker (constant USD)	44 902	75 860	77 643
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 113	3 103	3 186
Average dietary energy supply adequacy (%)	122	121	126
Dietary energy supply, cereals/roots/tubers (%)	27	28	27
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			1.0
Prev. moderate or severe food insecurity (% pop.)			5.4
GDP per capita (USD, PPP)	36 902	44 103	46 681
Cereal import dependency ratio (%)	-27.5	-20.8	-12.0
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	15.7	18.5	22.1
At least basic drinking water (% pop. using)	100.0	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	3 469	3 099	3 263
Agriculture, value added (% GDP)	2.1	1.4	1.1
Food (excl. fish) exports (mill. USD)	1 403	3 201	3 782
Food (excl. fish) imports (mill. USD)	2 587	6 726	8 629
Production indices, gross (2004–06=100)			
Food	108	97	102
Crops	113	98	120
Cereals	118	103	125
Vegetable oils	58	100	162
Roots and tubers	135	88	95
Fruit and vegetables	87	94	108
Sugar	106	94	86
Livestock	105	96	92
Milk	102	94	88
Meat	109	97	92
Fish	134	90	91
Net trade (mln USD)			
Cereals and preparations	154	193	92
Fruit and vegetables	-992	-1 926	-2 264
Meat and meat preparations	-145	-961	-1 183
Dairy products (milk equivalent)	-9	-223	-707
Fish	-256	-875	-794
Environment			
Forest land area (% of total land area)	68.6	68.6	68.9
Agricultural land area (% of total land area)	7.9	7.6	7.4
Freshwater withdrawal (% total renewable)	1.6	1.5	1.5
Terrestrial protected areas (% total land area)			14.9
Agriculture area under organic agric. (ha)		308	577
Wood pellet production (1 000 t)		1 196	1 741
Emissions in agriculture (CO ₂ eq. Gg)	7 951	6 956	6 766
Net emissions in land use (CO ₂ eq. Gg)	-20 423	-4 402	-4 015

Switzerland

	1997	2007	2017
The setting			
Population, total (mill.)	7.1	7.5	8.5
Rural population, total (mill.)	1.9	2.0	2.2
Govt. expenditure on agric. (% total outlays)	7.8	5.8	5.2
Area harvested, crops (mill. ha)	0.3	0.3	0.2
Cropping intensity ratio	0.6	0.6	0.6
Total renew. water resources per cap. (m ³)	7 544	7 077	6 312
Land area equipped for irrigation (1 000 ha)	30	55	63
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	4.6	4.0	3.1
Employment in agriculture, female (%)	3.7	2.8	2.6
Fertilizers use, nitrogen, as N (1 000 t)	40.5	48.6	48.6
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	15.9	16.9	13.6
Fertilizers use, potassium, as K ₂ O (1 000 t)	23.7	28.0	17.4
Agric. value added per worker (constant USD)	23 289	24 449	27 430
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 381	3 435	3 363
Average dietary energy supply adequacy (%)	132	133	131
Dietary energy supply, cereals/roots/tubers (%)	25	23	22
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			0.8
Prev. moderate or severe food insecurity (% pop.)			3.1
GDP per capita (USD, PPP)	50 776	56 269	57 998
Cereal import dependency ratio (%)	35.8	47.9	54.7
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	14.9	17.6	21.2
At least basic drinking water (% pop. using)	100.0	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	2 729	2 820	2 827
Agriculture, value added (% GDP)	1.3	0.8	0.7
Food (excl. fish) exports (mill. USD)	1 413	2 921	3 818
Food (excl. fish) imports (mill. USD)	2 903	5 472	7 255
Production indices, gross (2004–06=100)			
Food	99	102	103
Crops	105	105	99
Cereals	112	97	93
Vegetable oils	81	100	129
Roots and tubers	147	105	98
Fruit and vegetables	97	107	97
Sugar	86	115	113
Livestock	97	101	104
Milk	97	101	101
Meat	98	102	107
Fish	104	99	127
Net trade (mln USD)			
Cereals and preparations	-118	-277	-359
Fruit and vegetables	-1 085	-1 644	-2 426
Meat and meat preparations	-418	-651	-777
Dairy products (milk equivalent)	151	168	224
Fish	-357	-577	-823
Environment			
Forest land area (% of total land area)	29.9	31.0	31.9
Agricultural land area (% of total land area)	39.9	39.1	38.3
Freshwater withdrawal (% total renewable)	4.8	3.7	3.7
Terrestrial protected areas (% total land area)			9.7
Agriculture area under organic agric. (ha)		116	151
Wood pellet production (1 000 t)		150	210
Emissions in agriculture (CO ₂ eq. Gg)	5 665	5 248	5 047
Net emissions in land use (CO ₂ eq. Gg)	-1 830	-3 369	-1 532

Syrian Arab Republic

	1997	2007	2017
The setting			
Population, total (mill.)	15.2	19.9	16.9
Rural population, total (mill.)	7.5	8.9	8.4
Govt. expenditure on agric. (% total outlays)		5.4	
Area harvested, crops (mill. ha)	4.8	4.7	3.7
Cropping intensity ratio	0.9	0.8	0.7
Total renew. water resources per cap. (m ³)	1 107	856	920
Land area equipped for irrigation (1 000 ha)	1 168	1 396	1 310
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	28.5	19.1	14.7
Employment in agriculture, female (%)	56.3	26.3	13.5
Fertilizers use, nitrogen, as N (1 000 t)	221.6	263.1	6.4
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	91.5	109.0	0.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.8	9.8	5.2
Agric. value added per worker (constant USD)			
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 037	3 061	2 934
Average dietary energy supply adequacy (%)	135	134	127
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)			
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)	24.3	28.6	
Adult obesity (% of pop. 18 years and older)	15.2	19.0	25.8
At least basic drinking water (% pop. using)	94.9	96.0	97.2
Food supply			
Food production value (2004–06 mill. I\$)	4 085	6 042	5 227
Agriculture, value added (% GDP)	25.8	19.5	20.6
Food (excl. fish) exports (mill. USD)	718	1 938	377
Food (excl. fish) imports (mill. USD)	629	1 504	1 276
Production indices, gross (2004–06=100)			
Food	63	93	81
Crops	68	84	74
Cereals	73	87	54
Vegetable oils	55	56	80
Roots and tubers	45	98	105
Fruit and vegetables	78	110	93
Sugar	90	109	62
Livestock	64	112	82
Milk	69	115	94
Meat	60	112	78
Fish	68	104	39
Net trade (mln USD)			
Cereals and preparations	64	-138	-380
Fruit and vegetables	334	599	21
Meat and meat preparations	0	-10	-39
Dairy products (milk equivalent)	-42	36	-70
Fish	-39	-42	-32
Environment			
Forest land area (% of total land area)	2.3	2.6	2.7
Agricultural land area (% of total land area)	75.1	75.7	75.8
Freshwater withdrawal (% total renewable)	85.9	84.2	
Terrestrial protected areas (% total land area)			0.7
Agriculture area under organic agric. (ha)		26	20
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	6 342	8 913	6 193
Net emissions in land use (CO ₂ eq. Gg)	-1 540	-2 226	-1 206

Tajikistan

	1997	2007	2017
The setting			
Population, total (mill.)	5.9	7.1	9.1
Rural population, total (mill.)	4.3	5.3	6.6
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.8	0.8	0.8
Cropping intensity ratio	0.9	1.0	1.0
Total renew. water resources per cap. (m ³)	3 692	3 063	2 456
Land area equipped for irrigation (1 000 ha)	719	735	894
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	59.0	54.3	51.3
Employment in agriculture, female (%)	78.5	72.7	69.1
Fertilizers use, nitrogen, as N (1 000 t)		55.3	61.4
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)		0.0	3.2
Fertilizers use, potassium, as K ₂ O (1 000 t)		0.0	0.7
Agric. value added per worker (constant USD)	568	942	1 496
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	1 953	2 070	2 092
Average dietary energy supply adequacy (%)	88	90	92
Dietary energy supply, cereals/roots/tubers (%)	71	65	58
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			9.6
Prev. moderate or severe food insecurity (% pop.)			29.6
GDP per capita (USD, PPP)	1 185	1 908	2 924
Cereal import dependency ratio (%)	34.6	51.1	47.1
Stunting, children under 5 (%)	42.1	39.2	26.8
Adult obesity (% of pop. 18 years and older)	6.6	8.4	12.6
At least basic drinking water (% pop. using)	55.9	66.0	81.2
Food supply			
Food production value (2004–06 mill. I\$)	577	1 101	1 899
Agriculture, value added (% GDP)	29.8	19.4	21.1
Food (excl. fish) exports (mill. USD)	28	119	38
Food (excl. fish) imports (mill. USD)	109	312	530
Production indices, gross (2004–06=100)			
Food	57	109	188
Crops	64	103	162
Cereals	65	102	154
Vegetable oils	72	86	96
Roots and tubers	23	120	142
Fruit and vegetables	66	114	242
Sugar			
Livestock	48	112	184
Milk	45	112	198
Meat	54	109	161
Fish	89	117	736
Net trade (mln USD)			
Cereals and preparations	-57	-128	-239
Fruit and vegetables	22	93	20
Meat and meat preparations	-26	-23	-42
Dairy products (milk equivalent)		-4	-11
Fish	0	-1	-3
Environment			
Forest land area (% of total land area)	2.9	2.9	3.0
Agricultural land area (% of total land area)	32.6	33.8	34.2
Freshwater withdrawal (% total renewable)	52.6	51.1	
Terrestrial protected areas (% total land area)			22.3
Agriculture area under organic agric. (ha)		0	13
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	2 936	3 944	6 088
Net emissions in land use (CO ₂ eq. Gg)	74	0	0

Thailand

	1997	2007	2017
The setting			
Population, total (mill.)	60.8	66.2	69.4
Rural population, total (mill.)	42.2	39.8	34.6
Govt. expenditure on agric. (% total outlays)	7.4	5.8	5.8
Area harvested, crops (mill. ha)	17.7	19.0	21.0
Cropping intensity ratio	0.9	1.0	1.0
Total renew. water resources per cap. (m ³)	7 206	6 626	6 353
Land area equipped for irrigation (1 000 ha)	5 240	6 415	6 415
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	50.4	39.5	30.9
Employment in agriculture, female (%)	51.5	37.6	28.2
Fertilizers use, nitrogen, as N (1 000 t)	1 082.7	1 251.9	1 481.6
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	421.6	452.0	322.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	273.8	362.6	568.8
Agric. value added per worker (constant USD)	1 525	2 333	3 163
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 580	2 773	2 830
Average dietary energy supply adequacy (%)	107	113	116
Dietary energy supply, cereals/roots/tubers (%)	51	50	49
Prevalence of undernourishment (% of pop.)	18.8	10.3	7.8
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	9 190	12 610	16 286
Cereal import dependency ratio (%)	-39.7	-47.6	-29.4
Stunting, children under 5 (%)		15.7	10.5
Adult obesity (% of pop. 18 years and older)	3.7	5.9	10.8
At least basic drinking water (% pop. using)	93.6	96.6	99.9
Food supply			
Food production value (2004–06 mill. I\$)	20 077	26 817	30 115
Agriculture, value added (% GDP)	9.1	9.4	8.7
Food (excl. fish) exports (mill. USD)	5 672	10 250	21 243
Food (excl. fish) imports (mill. USD)	1 342	2 813	6 825
Production indices, gross (2004–06=100)			
Food	84	112	126
Crops	78	110	130
Cereals	80	108	113
Vegetable oils	56	112	182
Roots and tubers	88	132	152
Fruit and vegetables	70	111	114
Sugar	104	119	190
Livestock	101	113	125
Milk	46	86	50
Meat	106	116	129
Fish	84	90	58
Net trade (mln USD)			
Cereals and preparations	2 025	3 379	5 101
Fruit and vegetables	1 358	2 055	4 030
Meat and meat preparations	556	1 220	3 208
Dairy products (milk equivalent)	-344	-336	-377
Fish	3 463	3 994	2 478
Environment			
Forest land area (% of total land area)	31.5	31.6	32.2
Agricultural land area (% of total land area)	40.0	38.8	43.3
Freshwater withdrawal (% total renewable)		13.1	
Terrestrial protected areas (% total land area)			18.8
Agriculture area under organic agric. (ha)		25	91
Wood pellet production (1 000 t)		1	130
Emissions in agriculture (CO ₂ eq. Gg)	58 447	64 837	61 764
Net emissions in land use (CO ₂ eq. Gg)	12 589	4 291	19 296

Timor-Leste

	1997	2007	2017
The setting			
Population, total (mill.)	0.9	1.0	1.3
Rural population, total (mill.)	0.7	0.8	0.9
Govt. expenditure on agric. (% total outlays)		5.2	2.2
Area harvested, crops (mill. ha)	0.2	0.2	0.2
Cropping intensity ratio	1.1	1.0	0.8
Total renew. water resources per cap. (m ³)	9 421	7 714	6 339
Land area equipped for irrigation (1 000 ha)	26	35	35
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	53.2	51.5	50.1
Employment in agriculture, female (%)	55.4	51.1	49.7
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)	1 289	1 587	1 390
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	1 881	2 048	2 178
Average dietary energy supply adequacy (%)	95	100	103
Dietary energy supply, cereals/roots/tubers (%)	74	72	67
Prevalence of undernourishment (% of pop.)	40.4	31.5	24.9
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	3 265	9 309	6 741
Cereal import dependency ratio (%)	32.7	19.4	15.7
Stunting, children under 5 (%)	55.7	53.9	50.2
Adult obesity (% of pop. 18 years and older)	1.2	1.8	2.9
At least basic drinking water (% pop. using)	50.6	58.2	78.3
Food supply			
Food production value (2004–06 mill. I\$)	100	107	122
Agriculture, value added (% GDP)	24.2	5.6	9.2
Food (excl. fish) exports (mill. USD)	0	0	2
Food (excl. fish) imports (mill. USD)	31	38	130
Production indices, gross (2004–06=100)			
Food	97	103	118
Crops	85	100	111
Cereals	89	97	139
Vegetable oils	79	102	96
Roots and tubers	92	93	60
Fruit and vegetables	89	115	153
Sugar			
Livestock	106	107	114
Milk	137	103	98
Meat	104	107	115
Fish	0	80	89
Net trade (mln USD)			
Cereals and preparations			-50
Fruit and vegetables	-8	-8	-7
Meat and meat preparations			
Dairy products (milk equivalent)			
Fish	0	0	-6
Environment			
Forest land area (% of total land area)	59.7	52.2	44.6
Agricultural land area (% of total land area)	23.1	25.2	25.6
Freshwater withdrawal (% total renewable)		14.3	
Terrestrial protected areas (% total land area)			13.1
Agriculture area under organic agric. (ha)		24	31
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	577	744	836
Net emissions in land use (CO ₂ eq. Gg)	3 605	7 446	6 087

Togo

	1997	2007	2017
The setting			
Population, total (mill.)	4.5	5.9	7.9
Rural population, total (mill.)	3.1	3.8	4.7
Govt. expenditure on agric. (% total outlays)		7.1	8.0
Area harvested, crops (mill. ha)	1.5	1.5	2.3
Cropping intensity ratio	0.6	0.6	0.8
Total renew. water resources per cap. (m ³)	3 241	2 451	1 885
Land area equipped for irrigation (1 000 ha)	7	7	7
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	36.6	37.7	34.9
Employment in agriculture, female (%)	31.6	32.5	29.4
Fertilizers use, nitrogen, as N (1 000 t)	4.9	5.5	4.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	3.7	4.5	0.9
Fertilizers use, potassium, as K ₂ O (1 000 t)	3.7	4.5	10.7
Agric. value added per worker (constant USD)	1 415	1 120	1 139
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 158	2 298	2 506
Average dietary energy supply adequacy (%)	99	105	113
Dietary energy supply, cereals/roots/tubers (%)	76	74	71
Prevalence of undernourishment (% of pop.)	31.1	23.9	16.1
Prev. of severe food insecurity (% of pop.)			32.2
Prev. moderate or severe food insecurity (% pop.)			68.1
GDP per capita (USD, PPP)	1 236	1 156	1 530
Cereal import dependency ratio (%)	12.5	14.2	17.2
Stunting, children under 5 (%)		26.9	27.5
Adult obesity (% of pop. 18 years and older)	3.3	4.7	7.1
At least basic drinking water (% pop. using)	45.9	53.9	65.1
Food supply			
Food production value (2004–06 mill. I\$)	574	718	970
Agriculture, value added (% GDP)	30.5	29.3	24.7
Food (excl. fish) exports (mill. USD)	19	159	99
Food (excl. fish) imports (mill. USD)	52	86	230
Production indices, gross (2004–06=100)			
Food	86	108	146
Crops	99	103	144
Cereals	92	104	157
Vegetable oils	101	97	130
Roots and tubers	103	104	138
Fruit and vegetables	95	102	113
Sugar			
Livestock	66	108	143
Milk	68	102	122
Meat	64	109	147
Fish	53	74	101
Net trade (mln USD)			
Cereals and preparations	-24	-39	-66
Fruit and vegetables	-2	-4	-12
Meat and meat preparations	-4	-3	-12
Dairy products (milk equivalent)	-3	-1	8
Fish	-22	-5	-28
Environment			
Forest land area (% of total land area)	10.0	6.4	2.7
Agricultural land area (% of total land area)	63.4	64.3	70.2
Freshwater withdrawal (% total renewable)	1.2	1.2	
Terrestrial protected areas (% total land area)			27.6
Agriculture area under organic agric. (ha)		3	39
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	1 773	2 010	2 783
Net emissions in land use (CO ₂ eq. Gg)	6 747	6 493	6 604

Tonga

	1997	2007	2017
The setting			
Population, total (mill.)	0.1	0.1	0.1
Rural population, total (mill.)	0.1	0.1	0.1
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.8	0.9	0.8
Total renew. water resources per cap. (m ³)			
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	32.7	31.7	30.7
Employment in agriculture, female (%)	4.2	4.0	3.5
Fertilizers use, nitrogen, as N (1 000 t)	0.0	0.0	0.1
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.1	0.1	0.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.1	0.1	0.1
Agric. value added per worker (constant USD)	6 334	5 349	5 645
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (% of pop.)			
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	4 607	4 632	5 746
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)		8.1	8.1
Adult obesity (% of pop. 18 years and older)	34.0	39.6	45.9
At least basic drinking water (% pop. using)	98.5	98.9	99.9
Food supply			
Food production value (2004–06 mill. I\$)	24	35	35
Agriculture, value added (% GDP)	20.5	16.7	17.3
Food (excl. fish) exports (mill. USD)	7	4	6
Food (excl. fish) imports (mill. USD)	18	35	43
Production indices, gross (2004–06=100)			
Food	95	138	138
Crops	96	144	145
Cereals			
Vegetable oils	73	211	220
Roots and tubers	157	101	88
Fruit and vegetables	96	107	101
Sugar			
Livestock	88	105	107
Milk	91	100	104
Meat	88	105	107
Fish	139	125	66
Net trade (mln USD)			
Cereals and preparations	-4	-7	-3
Fruit and vegetables	5	1	3
Meat and meat preparations	-10	-17	-24
Dairy products (milk equivalent)	-2		-5
Fish	2	0	1
Environment			
Forest land area (% of total land area)	12.5	12.5	12.5
Agricultural land area (% of total land area)	43.1	43.1	45.8
Freshwater withdrawal (% total renewable)			
Terrestrial protected areas (% total land area)			15.9
Agriculture area under organic agric. (ha)		0	2
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	62	66	69
Net emissions in land use (CO ₂ eq. Gg)	0	-513	0

Trinidad and Tobago

	1997	2007	2017
The setting			
Population, total (mill.)	1.3	1.3	1.4
Rural population, total (mill.)	0.6	0.6	0.6
Govt. expenditure on agric. (% total outlays)	3.1	2.9	1.1
Area harvested, crops (mill. ha)	0.1	0.1	0.0
Cropping intensity ratio	1.1	1.1	0.7
Total renew. water resources per cap. (m ³)	3 045	2 934	2 805
Land area equipped for irrigation (1 000 ha)	4	7	7
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	9.5	3.8	3.2
Employment in agriculture, female (%)	4.1	1.8	1.6
Fertilizers use, nitrogen, as N (1 000 t)	2.8	5.3	6.5
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	0.8	0.3	0.5
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.8	0.3	2.1
Agric. value added per worker (constant USD)	3 780	4 886	5 499
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 761	2 825	3 112
Average dietary energy supply adequacy (%)	114	116	128
Dietary energy supply, cereals/roots/tubers (%)	37	34	36
Prevalence of undernourishment (% of pop.)	11.6	10.7	5.5
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	18 336	31 067	28 567
Cereal import dependency ratio (%)	94.0	92.3	100.0
Stunting, children under 5 (%)	5.3	11.0	
Adult obesity (% of pop. 18 years and older)	10.2	13.6	19.7
At least basic drinking water (% pop. using)	91.8	95.0	98.2
Food supply			
Food production value (2004–06 mill. I\$)	132	156	144
Agriculture, value added (% GDP)	1.7	0.4	0.5
Food (excl. fish) exports (mill. USD)	141	177	148
Food (excl. fish) imports (mill. USD)	256	503	730
Production indices, gross (2004–06=100)			
Food	89	105	97
Crops	137	113	62
Cereals	279	130	119
Vegetable oils	111	100	104
Roots and tubers	71	110	104
Fruit and vegetables	78	103	91
Sugar	234	134	
Livestock	57	100	120
Milk	133	82	45
Meat	54	99	123
Fish	75	90	86
Net trade (mln USD)			
Cereals and preparations	-36	-65	-99
Fruit and vegetables	-27	-52	-110
Meat and meat preparations	-15	-47	-100
Dairy products (milk equivalent)	-33	-67	-97
Fish	3	-16	-24
Environment			
Forest land area (% of total land area)	46.0	44.6	46.3
Agricultural land area (% of total land area)	13.8	10.5	10.5
Freshwater withdrawal (% total renewable)	7.7	8.0	8.8
Terrestrial protected areas (% total land area)			30.6
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	210	252	294
Net emissions in land use (CO ₂ eq. Gg)	296	332	-462

Tunisia

	1997	2007	2017
The setting			
Population, total (mill.)	9.4	10.3	11.6
Rural population, total (mill.)	3.5	3.5	3.6
Govt. expenditure on agric. (% total outlays)	9.9	6.0	5.4
Area harvested, crops (mill. ha)	2.9	3.7	3.5
Cropping intensity ratio	0.6	0.7	0.7
Total renew. water resources per cap. (m ³)	492	448	400
Land area equipped for irrigation (1 000 ha)	383	432	476
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	19.8	18.7	15.0
Employment in agriculture, female (%)	21.9	20.4	11.4
Fertilizers use, nitrogen, as N (1 000 t)	91.4	84.6	115.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	42.0	13.4	173.7
Fertilizers use, potassium, as K ₂ O (1 000 t)	7.8	8.7	6.4
Agric. value added per worker (constant USD)	4 951	5 765	7 954
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 294	3 276	3 374
Average dietary energy supply adequacy (%)	141	138	144
Dietary energy supply, cereals/roots/tubers (%)	52	51	51
Prevalence of undernourishment (% of pop.)	4.9	5.4	4.3
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	7 567	9 692	10 950
Cereal import dependency ratio (%)	60.6	68.1	59.7
Stunting, children under 5 (%)	16.8	9.0	10.1
Adult obesity (% of pop. 18 years and older)	16.7	20.7	27.3
At least basic drinking water (% pop. using)	87.9	90.8	96.3
Food supply			
Food production value (2004–06 mill. I\$)	2 388	3 571	4 199
Agriculture, value added (% GDP)	11.2	8.6	9.4
Food (excl. fish) exports (mill. USD)	418	1 129	1 223
Food (excl. fish) imports (mill. USD)	639	1 564	1 821
Production indices, gross (2004–06=100)			
Food	70	105	124
Crops	67	104	122
Cereals	56	100	81
Vegetable oils	52	103	92
Roots and tubers	83	102	120
Fruit and vegetables	72	104	150
Sugar			
Livestock	80	107	127
Milk	71	109	145
Meat	84	106	117
Fish	78	95	118
Net trade (mln USD)			
Cereals and preparations	-265	-878	-689
Fruit and vegetables	34	147	256
Meat and meat preparations	-14	-21	-7
Dairy products (milk equivalent)	-37	0	-9
Fish	79	131	93
Environment			
Forest land area (% of total land area)	5.0	6.1	6.8
Agricultural land area (% of total land area)	60.2	63.1	62.7
Freshwater withdrawal (% total renewable)	61.7	69.7	103.3
Terrestrial protected areas (% total land area)			7.9
Agriculture area under organic agric. (ha)		155	307
Wood pellet production (1 000 t)		0	9
Emissions in agriculture (CO ₂ eq. Gg)	3 696	4 592	4 528
Net emissions in land use (CO ₂ eq. Gg)	-660	-513	-293

Turkey

	1997	2007	2017
The setting			
Population, total (mill.)	60.4	69.6	82.3
Rural population, total (mill.)	22.2	21.5	20.4
Govt. expenditure on agric. (% total outlays)		4.2	3.9
Area harvested, crops (mill. ha)	21.2	18.5	17.8
Cropping intensity ratio	0.8	0.7	0.8
Total renew. water resources per cap. (m ³)	3 505	3 040	2 621
Land area equipped for irrigation (1 000 ha)	4 200	5 215	5 215
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	40.8	23.5	19.4
Employment in agriculture, female (%)	66.7	42.6	28.2
Fertilizers use, nitrogen, as N (1 000 t)	1 198.9	1 357.1	1 764.6
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	474.2	517.7	754.8
Fertilizers use, potassium, as K ₂ O (1 000 t)	73.6	110.7	124.9
Agric. value added per worker (constant USD)	6 437	12 281	15 308
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 634	3 624	3 716
Average dietary energy supply adequacy (%)	157	155	157
Dietary energy supply, cereals/roots/tubers (%)	53	49	45
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	13 862	17 905	25 024
Cereal import dependency ratio (%)	-0.2	2.1	4.0
Stunting, children under 5 (%)		12.3	9.5
Adult obesity (% of pop. 18 years and older)	20.5	25.2	32.2
At least basic drinking water (% pop. using)	95.5	97.2	98.9
Food supply			
Food production value (2004–06 mill. I\$)	26 782	31 436	43 880
Agriculture, value added (% GDP)	10.3	7.5	6.1
Food (excl. fish) exports (mill. USD)	4 107	5 599	14 144
Food (excl. fish) imports (mill. USD)	1 842	3 833	8 987
Production indices, gross (2004–06=100)			
Food	85	99	139
Crops	84	95	124
Cereals	84	84	105
Vegetable oils	58	79	148
Roots and tubers	115	96	108
Fruit and vegetables	81	102	133
Sugar	128	86	145
Livestock	90	111	176
Milk	90	109	184
Meat	88	115	174
Fish	82	125	102
Net trade (mln USD)			
Cereals and preparations	-93	-330	862
Fruit and vegetables	2 292	3 105	5 662
Meat and meat preparations	22	37	506
Dairy products (milk equivalent)	-10	-27	213
Fish	40	46	412
Environment			
Forest land area (% of total land area)	13.0	14.1	15.5
Agricultural land area (% of total land area)	51.0	51.3	49.4
Freshwater withdrawal (% total renewable)	19.9	18.9	27.8
Terrestrial protected areas (% total land area)			0.2
Agriculture area under organic agric. (ha)		174	543
Wood pellet production (1 000 t)			4
Emissions in agriculture (CO ₂ eq. Gg)	38 257	35 493	45 687
Net emissions in land use (CO ₂ eq. Gg)	-21 478	-54 896	-64 850

Turkmenistan

	1997	2007	2017
The setting			
Population, total (mill.)	4.4	4.9	5.9
Rural population, total (mill.)	2.4	2.6	2.8
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	1.3	1.6	1.7
Cropping intensity ratio	0.7	0.8	0.9
Total renew. water resources per cap. (m ³)	5 688	5 086	4 302
Land area equipped for irrigation (1 000 ha)	1 800	1 995	1 995
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	26.3	24.7	22.9
Employment in agriculture, female (%)	25.2	23.8	22.1
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)		4 814	
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 613	2 869	2 782
Average dietary energy supply adequacy (%)	115	123	121
Dietary energy supply, cereals/roots/tubers (%)	63	60	58
Prevalence of undernourishment (% of pop.)	8.2	4.4	5.4
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	5 333	7 815	16 390
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)	28.1	18.9	11.5
Adult obesity (% of pop. 18 years and older)	9.6	12.3	17.5
At least basic drinking water (% pop. using)	87.0	92.3	98.8
Food supply			
Food production value (2004–06 mill. I\$)	988	2 331	2 423
Agriculture, value added (% GDP)	20.1	18.9	8.8
Food (excl. fish) exports (mill. USD)	5	10	12
Food (excl. fish) imports (mill. USD)	138	109	540
Production indices, gross (2004–06=100)			
Food	43	101	105
Crops	44	87	78
Cereals	24	36	40
Vegetable oils	64	106	66
Roots and tubers	8	113	144
Fruit and vegetables	41	118	136
Sugar	65	101	105
Livestock	49	122	127
Milk	43	118	106
Meat	52	126	150
Fish	58	100	100
Net trade (mln USD)			
Cereals and preparations			-168
Fruit and vegetables	-6	-1	-109
Meat and meat preparations	-25		-51
Dairy products (milk equivalent)	0		-35
Fish	0	-1	-2
Environment			
Forest land area (% of total land area)	8.8	8.8	8.8
Agricultural land area (% of total land area)	75.5	73.5	72.0
Freshwater withdrawal (% total renewable)	95.7	112.5	
Terrestrial protected areas (% total land area)			3.2
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)		0	0
Emissions in agriculture (CO ₂ eq. Gg)	4 426	7 541	8 815
Net emissions in land use (CO ₂ eq. Gg)	0	0	0

Uganda

	1997	2007	2017
The setting			
Population, total (mill.)	21.7	29.5	42.7
Rural population, total (mill.)	18.9	25.1	33.7
Govt. expenditure on agric. (% total outlays)	4.0	4.0	4.0
Area harvested, crops (mill. ha)	5.8	7.2	7.0
Cropping intensity ratio	0.8	0.9	0.8
Total renew. water resources per cap. (m ³)	2 749	1 965	1 402
Land area equipped for irrigation (1 000 ha)	9	10	11
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	71.0	71.9	71.1
Employment in agriculture, female (%)	78.3	76.9	76.3
Fertilizers use, nitrogen, as N (1 000 t)	3.7	4.0	7.6
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	2.1	2.2	4.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	1.7	1.4	2.7
Agric. value added per worker (constant USD)	700	668	576
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 266	2 221	2 044
Average dietary energy supply adequacy (%)	109	106	95
Dietary energy supply, cereals/roots/tubers (%)	44	44	44
Prevalence of undernourishment (% of pop.)	27.7	28.1	41.0
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	1 067	1 422	1 768
Cereal import dependency ratio (%)	5.4	13.7	8.6
Stunting, children under 5 (%)	44.8	38.7	28.9
Adult obesity (% of pop. 18 years and older)	1.9	2.6	4.1
At least basic drinking water (% pop. using)	26.8	35.3	49.1
Food supply			
Food production value (2004–06 mill. I\$)	4 013	5 566	4 752
Agriculture, value added (% GDP)	32.9	23.0	24.4
Food (excl. fish) exports (mill. USD)	39	160	691
Food (excl. fish) imports (mill. USD)	150	418	759
Production indices, gross (2004–06=100)			
Food	74	103	88
Crops	79	101	79
Cereals	66	108	148
Vegetable oils	49	106	98
Roots and tubers	52	97	48
Fruit and vegetables	98	101	50
Sugar	67	99	162
Livestock	61	110	133
Milk	49	105	136
Meat	66	112	130
Fish	54	120	125
Net trade (mln USD)			
Cereals and preparations	-61	-139	-41
Fruit and vegetables	5	-9	89
Meat and meat preparations	0	-1	3
Dairy products (milk equivalent)	-1	-5	78
Fish	29	117	132
Environment			
Forest land area (% of total land area)	20.7	15.8	9.0
Agricultural land area (% of total land area)	60.9	68.4	71.9
Freshwater withdrawal (% total renewable)	0.5	1.1	1.1
Terrestrial protected areas (% total land area)			16.1
Agriculture area under organic agric. (ha)		296	262
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	12 197	17 022	27 650
Net emissions in land use (CO ₂ eq. Gg)	21 805	25 050	27 270

Ukraine

	1997	2007	2017
The setting			
Population, total (mill.)	50.2	46.4	44.2
Rural population, total (mill.)	16.5	14.8	13.5
Govt. expenditure on agric. (% total outlays)	2.5	3.9	1.3
Area harvested, crops (mill. ha)	20.4	21.2	26.0
Cropping intensity ratio	0.6	0.6	0.8
Total renew. water resources per cap. (m ³)	3 493	3 779	3 964
Land area equipped for irrigation (1 000 ha)	2 454	2 181	2 166
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	22.1	20.5	15.4
Employment in agriculture, female (%)	21.4	19.8	13.1
Fertilizers use, nitrogen, as N (1 000 t)	443.5	578.2	1 365.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	33.1	168.8	363.4
Fertilizers use, potassium, as K ₂ O (1 000 t)	42.4	149.5	299.3
Agric. value added per worker (constant USD)	1 658	2 135	4 654
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 887	3 265	2 938
Average dietary energy supply adequacy (%)	115	129	119
Dietary energy supply, cereals/roots/tubers (%)	50	42	41
Prevalence of undernourishment (% of pop.)	4.5	<2.5	3.5
Prev. of severe food insecurity (% of pop.)			1.8
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	4 797	8 523	7 907
Cereal import dependency ratio (%)	-18.0	-36.7	-79.5
Stunting, children under 5 (%)	22.9		
Adult obesity (% of pop. 18 years and older)	20.4	22.3	26.1
At least basic drinking water (% pop. using)	98.0	96.4	93.8
Food supply			
Food production value (2004–06 mill. I\$)	20 960	20 835	30 568
Agriculture, value added (% GDP)	12.1	6.3	10.2
Food (excl. fish) exports (mill. USD)	1 435	5 117	15 920
Food (excl. fish) imports (mill. USD)	478	2 237	2 313
Production indices, gross (2004–06=100)			
Food	94	93	137
Crops	86	90	160
Cereals	94	79	167
Vegetable oils	47	108	317
Roots and tubers	84	96	112
Fruit and vegetables	90	96	131
Sugar	97	93	82
Livestock	108	99	98
Milk	101	90	78
Meat	127	108	122
Fish	153	93	44
Net trade (mln USD)			
Cereals and preparations	135	745	6 616
Fruit and vegetables	7	-108	-73
Meat and meat preparations	217	-76	446
Dairy products (milk equivalent)	67	505	217
Fish	-7	-510	-494
Environment			
Forest land area (% of total land area)	16.3	16.5	16.7
Agricultural land area (% of total land area)	72.2	71.2	71.6
Freshwater withdrawal (% total renewable)	10.4	8.6	5.6
Terrestrial protected areas (% total land area)			4.0
Agriculture area under organic agric. (ha)		250	289
Wood pellet production (1 000 t)		210	480
Emissions in agriculture (CO ₂ eq. Gg)	48 704	28 228	29 104
Net emissions in land use (CO ₂ eq. Gg)	-47 734	-20 256	-6 489

United Arab Emirates

	1997	2007	2017
The setting			
Population, total (mill.)	2.7	6.2	9.6
Rural population, total (mill.)	0.6	1.0	1.3
Govt. expenditure on agric. (% total outlays)		0.0	0.0
Area harvested, crops (mill. ha)	0.1	0.2	0.1
Cropping intensity ratio	0.6	0.8	0.9
Total renew. water resources per cap. (m ³)	56	25	16
Land area equipped for irrigation (1 000 ha)	94	230	92
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	7.9	4.6	3.8
Employment in agriculture, female (%)	0.1	0.1	0.1
Fertilizers use, nitrogen, as N (1 000 t)	32.1	32.5	15.1
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	6.2	3.8	4.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	10.1	5.7	12.2
Agric. value added per worker (constant USD)		8 780	10 370
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 329	3 177	3 456
Average dietary energy supply adequacy (%)	131	118	128
Dietary energy supply, cereals/roots/tubers (%)	42	44	43
Prevalence of undernourishment (% of pop.)	-2.5	5.6	2.6
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	103 318	77 236	66 676
Cereal import dependency ratio (%)	100.0	100.0	100.0
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	19.7	21.5	29.9
At least basic drinking water (% pop. using)	95.7	95.8	98.0
Food supply			
Food production value (2004–06 mill. I\$)	629	643	629
Agriculture, value added (% GDP)	1.8	0.9	0.8
Food (excl. fish) exports (mill. USD)	394	2 105	4 037
Food (excl. fish) imports (mill. USD)	1 771	6 857	13 514
Production indices, gross (2004–06=100)			
Food	90	92	90
Crops	97	89	62
Cereals	206	84	302
Vegetable oils			
Roots and tubers	77	100	69
Fruit and vegetables	97	89	61
Sugar			
Livestock	71	100	166
Milk	65	104	153
Meat	71	94	153
Fish	123	104	82
Net trade (mln USD)			
Cereals and preparations	-308	-945	-1 861
Fruit and vegetables	-266	-1 113	-3 049
Meat and meat preparations	-204	-739	-1 482
Dairy products (milk equivalent)	-136	-486	-858
Fish	17	-168	-555
Environment			
Forest land area (% of total land area)	4.1	4.4	4.6
Agricultural land area (% of total land area)	5.6	7.6	5.5
Freshwater withdrawal (% total renewable)	1 149.0	1 867.0	
Terrestrial protected areas (% total land area)			18.0
Agriculture area under organic agric. (ha)		0	5
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	868	1 424	1 847
Net emissions in land use (CO ₂ eq. Gg)	-1 210	-220	-220

United Kingdom

	1997	2007	2017
The setting			
Population, total (mill.)	58.3	61.5	67.1
Rural population, total (mill.)	12.6	12.0	11.1
Govt. expenditure on agric. (% total outlays)	0.9	0.5	0.3
Area harvested, crops (mill. ha)	4.8	4.2	4.4
Cropping intensity ratio	0.8	0.7	0.7
Total renew. water resources per cap. (m ³)	2 519	2 394	2 221
Land area equipped for irrigation (1 000 ha)	267	152	99
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	1.9	1.4	1.2
Employment in agriculture, female (%)	1.1	0.7	0.6
Fertilizers use, nitrogen, as N (1 000 t)	1 131.0	1 001.0	1 033.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	282.0	215.0	188.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	375.0	325.0	262.0
Agric. value added per worker (constant USD)	30 120	40 008	49 040
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 387	3 426	3 359
Average dietary energy supply adequacy (%)	136	136	135
Dietary energy supply, cereals/roots/tubers (%)	30	31	31
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			1.8
Prev. moderate or severe food insecurity (% pop.)			5.6
GDP per capita (USD, PPP)	33 152	38 502	39 862
Cereal import dependency ratio (%)	-5.8	1.8	9.1
Stunting, children under 5 (%)			
Adult obesity (% of pop. 18 years and older)	19.8	23.8	29.5
At least basic drinking water (% pop. using)	100.0	100.0	100.0
Food supply			
Food production value (2004–06 mill. I\$)	18 819	17 398	19 050
Agriculture, value added (% GDP)	1.0	0.6	0.6
Food (excl. fish) exports (mill. USD)	8 287	11 682	13 805
Food (excl. fish) imports (mill. USD)	18 205	38 308	41 445
Production indices, gross (2004–06=100)			
Food	106	98	107
Crops	108	93	108
Cereals	109	89	106
Vegetable oils	88	114	119
Roots and tubers	118	93	103
Fruit and vegetables	113	99	123
Sugar	132	80	106
Livestock	105	101	107
Milk	103	97	106
Meat	107	104	107
Fish	122	95	114
Net trade (mln USD)			
Cereals and preparations	454	-1 298	-2 244
Fruit and vegetables	-5 384	-11 448	-12 006
Meat and meat preparations	-2 131	-6 516	-5 901
Dairy products (milk equivalent)	-479	-1 776	-1 472
Fish	-877	-1 936	-1 266
Environment			
Forest land area (% of total land area)	12.0	12.5	13.1
Agricultural land area (% of total land area)	72.7	72.9	72.2
Freshwater withdrawal (% total renewable)	8.2	5.8	5.7
Terrestrial protected areas (% total land area)			28.7
Agriculture area under organic agric. (ha)		660	503
Wood pellet production (1 000 t)		278	287
Emissions in agriculture (CO ₂ eq. Gg)	57 139	47 607	47 811
Net emissions in land use (CO ₂ eq. Gg)	-12 679	-11 367	-12 768

United Republic of Tanzania

	1997	2007	2017
The setting			
Population, total (mill.)	31.2	40.7	56.3
Rural population, total (mill.)	24.9	31.0	39.1
Govt. expenditure on agric. (% total outlays)	3.0	3.1	1.1
Area harvested, crops (mill. ha)	7.3	11.2	16.9
Cropping intensity ratio	0.7	1.0	1.1
Total renew. water resources per cap. (m ³)	3 043	2 296	1 680
Land area equipped for irrigation (1 000 ha)	155	283	364
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	83.1	71.5	66.9
Employment in agriculture, female (%)	85.7	75.4	69.9
Fertilizers use, nitrogen, as N (1 000 t)	22.2	41.4	106.0
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	5.3	9.0	46.6
Fertilizers use, potassium, as K ₂ O (1 000 t)	4.3	0.3	11.0
Agric. value added per worker (constant USD)	406	522	677
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 032	2 163	2 282
Average dietary energy supply adequacy (%)	97	103	108
Dietary energy supply, cereals/roots/tubers (%)	64	58	55
Prevalence of undernourishment (% of pop.)	36.5	33.2	30.7
Prev. of severe food insecurity (% of pop.)			36.9
Prev. moderate or severe food insecurity (% pop.)			69.3
GDP per capita (USD, PPP)	1 565	2 053	2 809
Cereal import dependency ratio (%)	8.8	10.7	12.2
Stunting, children under 5 (%)		43.0	34.4
Adult obesity (% of pop. 18 years and older)	3.1	4.5	7.1
At least basic drinking water (% pop. using)	27.3	38.5	56.7
Food supply			
Food production value (2004–06 mill. I\$)	3 859	6 346	9 984
Agriculture, value added (% GDP)	32.6	26.8	30.1
Food (excl. fish) exports (mill. USD)	103	248	997
Food (excl. fish) imports (mill. USD)	199	632	715
Production indices, gross (2004–06=100)			
Food	66	108	170
Crops	63	109	177
Cereals	56	109	181
Vegetable oils	40	131	434
Roots and tubers	92	96	145
Fruit and vegetables	49	107	152
Sugar	57	108	133
Livestock	78	99	132
Milk	51	106	108
Meat	92	94	151
Fish	100	119	111
Net trade (mln USD)			
Cereals and preparations	-78	-179	-182
Fruit and vegetables	66	49	711
Meat and meat preparations	0	1	5
Dairy products (milk equivalent)	-3	-4	-12
Fish	64	163	167
Environment			
Forest land area (% of total land area)	60.0	55.5	51.2
Agricultural land area (% of total land area)	38.0	40.2	44.8
Freshwater withdrawal (% total renewable)	5.4	5.4	
Terrestrial protected areas (% total land area)			38.1
Agriculture area under organic agric. (ha)		62	279
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	31 287	42 183	55 069
Net emissions in land use (CO ₂ eq. Gg)	232 832	249 015	212 840

United States of America

	1997	2007	2017
The setting			
Population, total (mill.)	271.7	300.6	327.1
Rural population, total (mill.)	59.8	59.3	58.0
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	105.2	99.6	102.5
Cropping intensity ratio	0.6	0.6	0.6
Total renew. water resources per cap. (m ³)	11 277	10 210	9 459
Land area equipped for irrigation (1 000 ha)	27 070	26 644	26 916
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	2.6	1.3	1.4
Employment in agriculture, female (%)	1.4	0.7	0.8
Fertilizers use, nitrogen, as N (1 000 t)	10 945.1	11 585.1	11 649.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	4 015.5	3 970.6	4 060.2
Fertilizers use, potassium, as K ₂ O (1 000 t)	4 502.3	4 399.1	4 749.7
Agric. value added per worker (constant USD)	33 184	74 972	79 108
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	3 712	3 746	3 778
Average dietary energy supply adequacy (%)	146	147	148
Dietary energy supply, cereals/roots/tubers (%)	25	24	24
Prevalence of undernourishment (% of pop.)	-2.5	<2.5	<2.5
Prev. of severe food insecurity (% of pop.)			1.0
Prev. moderate or severe food insecurity (% pop.)			9.2
GDP per capita (USD, PPP)	45 661	50 898	54 471
Cereal import dependency ratio (%)	-32.6	-30.5	-19.1
Stunting, children under 5 (%)	3.3	2.7	2.1
Adult obesity (% of pop. 18 years and older)	26.1	31.3	37.3
At least basic drinking water (% pop. using)		99.2	99.3
Food supply			
Food production value (2004–06 mill. I\$)	199 325	223 293	248 586
Agriculture, value added (% GDP)	1.3	1.0	0.9
Food (excl. fish) exports (mill. USD)	42 425	70 024	109 875
Food (excl. fish) imports (mill. USD)	23 237	48 808	85 426
Production indices, gross (2004–06=100)			
Food	92	103	114
Crops	93	101	115
Cereals	93	113	119
Vegetable oils	87	86	135
Roots and tubers	106	101	102
Fruit and vegetables	98	99	95
Sugar	94	102	106
Livestock	91	103	110
Milk	88	105	122
Meat	92	103	106
Fish	101	98	100
Net trade (mln USD)			
Cereals and preparations	10 319	18 383	12 660
Fruit and vegetables	-971	-6 321	-12 468
Meat and meat preparations	4 120	3 597	9 051
Dairy products (milk equivalent)	-189	605	1 947
Fish	-5 289	-10 004	-15 551
Environment			
Forest land area (% of total land area)	33.1	33.4	34.0
Agricultural land area (% of total land area)	45.3	45.1	44.3
Freshwater withdrawal (% total renewable)	15.4	15.6	14.5
Terrestrial protected areas (% total land area)			13.0
Agriculture area under organic agric. (ha)		1 736	2 031
Wood pellet production (1 000 t)		3 474	6 900
Emissions in agriculture (CO ₂ eq. Gg)	353 080	353 975	355 329
Net emissions in land use (CO ₂ eq. Gg)	-374 796	-206 180	-76 851

Uruguay

	1997	2007	2017
The setting			
Population, total (mill.)	3.3	3.3	3.4
Rural population, total (mill.)	0.3	0.2	0.2
Govt. expenditure on agric. (% total outlays)		1.6	
Area harvested, crops (mill. ha)	0.9	1.1	1.9
Cropping intensity ratio	0.6	0.8	0.8
Total renew. water resources per cap. (m ³)	52 644	51 557	49 812
Land area equipped for irrigation (1 000 ha)	180	220	263
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	11.7	10.7	8.7
Employment in agriculture, female (%)	5.4	4.7	3.9
Fertilizers use, nitrogen, as N (1 000 t)	26.0	92.6	155.5
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	57.9	113.4	142.4
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.4	0.0	45.4
Agric. value added per worker (constant USD)	17 272	17 376	22 678
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 835	2 890	3 170
Average dietary energy supply adequacy (%)	119	120	131
Dietary energy supply, cereals/roots/tubers (%)	37	41	39
Prevalence of undernourishment (% of pop.)	4.2	3.5	<2.5
Prev. of severe food insecurity (% of pop.)			7.6
Prev. moderate or severe food insecurity (% pop.)			25.3
GDP per capita (USD, PPP)	12 881	14 365	20 659
Cereal import dependency ratio (%)	-101.0	-106.9	-153.1
Stunting, children under 5 (%)	14.7	10.8	
Adult obesity (% of pop. 18 years and older)	21.0	24.4	28.9
At least basic drinking water (% pop. using)	97.0	97.8	99.4
Food supply			
Food production value (2004–06 mill. I\$)	2 801	3 369	3 582
Agriculture, value added (% GDP)	6.6	8.5	5.2
Food (excl. fish) exports (mill. USD)	1 150	2 121	4 730
Food (excl. fish) imports (mill. USD)	266	315	766
Production indices, gross (2004–06=100)			
Food	85	102	108
Crops	77	108	119
Cereals	83	103	108
Vegetable oils	34	110	170
Roots and tubers	83	85	71
Fruit and vegetables	102	104	83
Sugar	133	187	227
Livestock	92	99	103
Milk	85	114	130
Meat	89	94	95
Fish	107	85	49
Net trade (mln USD)			
Cereals and preparations	372	395	581
Fruit and vegetables	5	36	-63
Meat and meat preparations	431	900	1 607
Dairy products (milk equivalent)	134	327	571
Fish	98	129	58
Environment			
Forest land area (% of total land area)	6.8	9.2	10.8
Agricultural land area (% of total land area)	85.4	83.1	82.7
Freshwater withdrawal (% total renewable)	2.1	2.1	
Terrestrial protected areas (% total land area)			3.4
Agriculture area under organic agric. (ha)		931	1 882
Wood pellet production (1 000 t)		2	1
Emissions in agriculture (CO ₂ eq. Gg)	23 335	25 124	23 991
Net emissions in land use (CO ₂ eq. Gg)	-25 544	-19 323	-10 528

Uzbekistan

	1997	2007	2017
The setting			
Population, total (mill.)	23.6	27.2	32.5
Rural population, total (mill.)	13.1	13.8	16.0
Govt. expenditure on agric. (% total outlays)		12.9	8.8
Area harvested, crops (mill. ha)	3.9	3.6	3.6
Cropping intensity ratio	0.8	0.8	0.8
Total renew. water resources per cap. (m ³)	2 061	1 791	1 531
Land area equipped for irrigation (1 000 ha)	4 223	4 215	4 215
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	38.1	35.6	33.5
Employment in agriculture, female (%)	41.9	39.4	37.5
Fertilizers use, nitrogen, as N (1 000 t)	559.0	542.0	721.3
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	145.0	145.2	225.8
Fertilizers use, potassium, as K ₂ O (1 000 t)	15.0	37.9	76.8
Agric. value added per worker (constant USD)	1 118	1 502	2 147
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 361	2 578	2 776
Average dietary energy supply adequacy (%)	103	109	117
Dietary energy supply, cereals/roots/tubers (%)	59	57	55
Prevalence of undernourishment (% of pop.)	16.2	11.1	6.3
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	2 520	3 527	6 040
Cereal import dependency ratio (%)	15.7	13.7	22.2
Stunting, children under 5 (%)	25.3	19.6	
Adult obesity (% of pop. 18 years and older)	8.4	10.7	15.3
At least basic drinking water (% pop. using)	84.8	94.3	97.8
Food supply			
Food production value (2004–06 mill. I\$)	5 043	8 094	13 492
Agriculture, value added (% GDP)	28.3	23.2	17.0
Food (excl. fish) exports (mill. USD)	299	354	604
Food (excl. fish) imports (mill. USD)	707	513	1 008
Production indices, gross (2004–06=100)			
Food	70	112	187
Crops	75	109	156
Cereals	65	106	112
Vegetable oils	99	101	91
Roots and tubers	73	126	295
Fruit and vegetables	57	126	250
Sugar			
Livestock	75	109	189
Milk	74	111	224
Meat	75	106	157
Fish	168	113	1 332
Net trade (mln USD)			
Cereals and preparations	-19	-228	-410
Fruit and vegetables	101	309	474
Meat and meat preparations	-302	-10	-16
Dairy products (milk equivalent)	-23	-12	-23
Fish	-1	1	-5
Environment			
Forest land area (% of total land area)	7.4	7.7	7.5
Agricultural land area (% of total land area)	65.0	61.5	60.0
Freshwater withdrawal (% total renewable)	110.0	100.6	108.1
Terrestrial protected areas (% total land area)			3.4
Agriculture area under organic agric. (ha)		2	0
Wood pellet production (1 000 t)		0	0
Emissions in agriculture (CO ₂ eq. Gg)	16 744	19 645	32 423
Net emissions in land use (CO ₂ eq. Gg)	-2 234	-1 300	-16 419

Vanuatu

	1997	2007	2017
The setting			
Population, total (mill.)	0.2	0.2	0.3
Rural population, total (mill.)	0.1	0.2	0.2
Govt. expenditure on agric. (% total outlays)		2.1	3.9
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	0.7	0.8	0.8
Total renew. water resources per cap. (m ³)	57 143	45 455	36 206
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	64.5	62.2	61.4
Employment in agriculture, female (%)	66.9	64.0	62.8
Fertilizers use, nitrogen, as N (1 000 t)			
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)			
Fertilizers use, potassium, as K ₂ O (1 000 t)			
Agric. value added per worker (constant USD)	2 462	2 422	2 519
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 696	2 842	2 810
Average dietary energy supply adequacy (%)	126	131	128
Dietary energy supply, cereals/roots/tubers (%)	47	48	46
Prevalence of undernourishment (% of pop.)	8.2	6.1	7.2
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	2 824	2 840	2 827
Cereal import dependency ratio (%)	96.4	91.6	96.1
Stunting, children under 5 (%)		25.9	28.5
Adult obesity (% of pop. 18 years and older)	13.7	17.5	23.5
At least basic drinking water (% pop. using)	81.9	84.3	91.3
Food supply			
Food production value (2004–06 mill. I\$)	73	63	77
Agriculture, value added (% GDP)	29.3	20.6	22.6
Food (excl. fish) exports (mill. USD)	24	18	26
Food (excl. fish) imports (mill. USD)	15	32	63
Production indices, gross (2004–06=100)			
Food	120	104	127
Crops	123	102	132
Cereals	92	106	119
Vegetable oils	139	102	138
Roots and tubers	86	101	120
Fruit and vegetables	87	100	111
Sugar			
Livestock	109	110	111
Milk	100	97	111
Meat	110	109	111
Fish	32	96	11
Net trade (mln USD)			
Cereals and preparations	-7	-15	-30
Fruit and vegetables	-2	1	-5
Meat and meat preparations	2	-1	-11
Dairy products (milk equivalent)	-1	-3	-4
Fish	78	81	83
Environment			
Forest land area (% of total land area)	36.1	36.1	36.1
Agricultural land area (% of total land area)	13.8	15.3	15.3
Freshwater withdrawal (% total renewable)			
Terrestrial protected areas (% total land area)			4.2
Agriculture area under organic agric. (ha)		9	15
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	355	416	431
Net emissions in land use (CO ₂ eq. Gg)	1	-37	0

Venezuela (Bolivarian Republic of)

	1997	2007	2017
The setting			
Population, total (mill.)	22.8	27.2	28.9
Rural population, total (mill.)	3.1	3.3	3.8
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	1.7	2.0	1.2
Cropping intensity ratio	0.5	0.6	0.4
Total renew. water resources per cap. (m ³)	57 334	47 848	41 436
Land area equipped for irrigation (1 000 ha)	557	1 000	1 055
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	10.8	9.3	7.2
Employment in agriculture, female (%)	1.5	1.8	1.3
Fertilizers use, nitrogen, as N (1 000 t)	190.0	220.8	252.2
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	50.0	78.3	100.4
Fertilizers use, potassium, as K ₂ O (1 000 t)	61.0	74.8	135.8
Agric. value added per worker (constant USD)	16 479	18 941	21 241
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 436	2 645	2 322
Average dietary energy supply adequacy (%)	106	114	99
Dietary energy supply, cereals/roots/tubers (%)	39	40	40
Prevalence of undernourishment (% of pop.)	16.4	6.0	21.2
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	14 589	17 558	17 131
Cereal import dependency ratio (%)	54.0	42.0	61.8
Stunting, children under 5 (%)	17.4	15.6	
Adult obesity (% of pop. 18 years and older)	18.1	21.1	25.2
At least basic drinking water (% pop. using)	96.7	96.3	95.7
Food supply			
Food production value (2004–06 mill. I\$)	5 027	6 629	6 247
Agriculture, value added (% GDP)	4.5	3.8	5.3
Food (excl. fish) exports (mill. USD)	296	100	59
Food (excl. fish) imports (mill. USD)	1 128	3 947	2 294
Production indices, gross (2004–06=100)			
Food	88	116	109
Crops	90	105	79
Cereals	67	105	39
Vegetable oils	90	106	39
Roots and tubers	79	103	67
Fruit and vegetables	108	106	124
Sugar	69	105	39
Livestock	88	123	129
Milk	110	133	134
Meat	84	123	130
Fish	106	81	68
Net trade (mln USD)			
Cereals and preparations	-358	-869	-1 224
Fruit and vegetables	-89	-448	-130
Meat and meat preparations	9	-836	-165
Dairy products (milk equivalent)	-127	-439	-148
Fish	91	-146	34
Environment			
Forest land area (% of total land area)	56.7	54.0	52.6
Agricultural land area (% of total land area)	24.5	24.4	24.4
Freshwater withdrawal (% total renewable)	0.7	1.7	
Terrestrial protected areas (% total land area)			54.1
Agriculture area under organic agric. (ha)		2	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	29 655	35 958	34 649
Net emissions in land use (CO ₂ eq. Gg)	112 996	17 820	93 227

Viet Nam

	1997	2007	2017
The setting			
Population, total (mill.)	77.1	85.4	95.5
Rural population, total (mill.)	59.7	61.4	61.8
Govt. expenditure on agric. (% total outlays)		1.8	3.4
Area harvested, crops (mill. ha)	11.1	12.9	14.1
Cropping intensity ratio	1.5	1.4	1.2
Total renew. water resources per cap. (m ³)	11 415	10 293	9 254
Land area equipped for irrigation (1 000 ha)	3 200	4 600	4 600
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	65.3	49.3	40.2
Employment in agriculture, female (%)	66.0	51.5	41.5
Fertilizers use, nitrogen, as N (1 000 t)	1 135.7	1 147.7	1 548.8
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	511.8	915.1	873.0
Fertilizers use, potassium, as K ₂ O (1 000 t)	302.8	483.3	764.3
Agric. value added per worker (constant USD)	540	853	1 166
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 246	2 549	2 896
Average dietary energy supply adequacy (%)	100	111	126
Dietary energy supply, cereals/roots/tubers (%)	70	62	58
Prevalence of undernourishment (% of pop.)	24.3	16.7	9.3
Prev. of severe food insecurity (% of pop.)			2.3
Prev. moderate or severe food insecurity (% pop.)			14.5
GDP per capita (USD, PPP)	2 574	3 852	6 234
Cereal import dependency ratio (%)	-15.6	-11.2	-12.6
Stunting, children under 5 (%)	43.4	32.2	24.6
Adult obesity (% of pop. 18 years and older)	0.6	1.0	2.1
At least basic drinking water (% pop. using)	80.1	86.2	94.7
Food supply			
Food production value (2004–06 mill. I\$)	14 950	23 980	30 129
Agriculture, value added (% GDP)	25.8	18.7	15.3
Food (excl. fish) exports (mill. USD)	1 441	2 899	12 517
Food (excl. fish) imports (mill. USD)	398	2 364	13 848
Production indices, gross (2004–06=100)			
Food	67	108	135
Crops	68	107	135
Cereals	75	101	120
Vegetable oils	75	105	99
Roots and tubers	50	117	139
Fruit and vegetables	70	104	164
Sugar	76	110	116
Livestock	56	118	153
Milk	29	121	402
Meat	56	118	145
Fish	47	122	208
Net trade (mln USD)			
Cereals and preparations	759	828	-117
Fruit and vegetables	155	798	2 810
Meat and meat preparations	180	-302	-2 745
Dairy products (milk equivalent)	-52	-349	-531
Fish	753	3 420	6 842
Environment			
Forest land area (% of total land area)	33.8	43.5	48.5
Agricultural land area (% of total land area)	24.1	32.5	39.2
Freshwater withdrawal (% total renewable)		9.3	
Terrestrial protected areas (% total land area)			7.6
Agriculture area under organic agric. (ha)		12	58
Wood pellet production (1 000 t)		50	1 600
Emissions in agriculture (CO ₂ eq. Gg)	51 168	60 659	63 968
Net emissions in land use (CO ₂ eq. Gg)	-48 956	-7 500	-21 136

Yemen

	1997	2007	2017
The setting			
Population, total (mill.)	16.0	21.3	28.5
Rural population, total (mill.)	12.3	15.2	18.3
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	1.0	1.3	1.0
Cropping intensity ratio	0.6	0.8	0.7
Total renew. water resources per cap. (m ³)	128	97	74
Land area equipped for irrigation (1 000 ha)	486	680	680
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	48.6	30.3	35.3
Employment in agriculture, female (%)	76.5	43.0	58.6
Fertilizers use, nitrogen, as N (1 000 t)	11.3	26.2	13.2
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)		0.1	0.9
Fertilizers use, potassium, as K ₂ O (1 000 t)	0.3	3.0	0.7
Agric. value added per worker (constant USD)	1 017	1 738	892
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 081	2 136	1 993
Average dietary energy supply adequacy (%)	100	100	91
Dietary energy supply, cereals/roots/tubers (%)	66	61	63
Prevalence of undernourishment (% of pop.)	29.9	27.6	38.9
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	3 998	4 285	2 404
Cereal import dependency ratio (%)	81.6	85.3	95.3
Stunting, children under 5 (%)		46.6	46.5
Adult obesity (% of pop. 18 years and older)	7.4	9.6	14.1
At least basic drinking water (% pop. using)	37.8	48.2	63.5
Food supply			
Food production value (2004–06 mill. I\$)	909	1 512	1 630
Agriculture, value added (% GDP)	13.8	9.9	16.4
Food (excl. fish) exports (mill. USD)	5	110	104
Food (excl. fish) imports (mill. USD)	574	1 965	2 557
Production indices, gross (2004–06=100)			
Food	70	116	125
Crops	70	122	103
Cereals	103	165	81
Vegetable oils	83	115	110
Roots and tubers	91	116	118
Fruit and vegetables	61	114	102
Sugar			
Livestock	69	109	156
Milk	77	112	110
Meat	70	108	170
Fish	48	75	54
Net trade (mln USD)			
Cereals and preparations	-199	-946	-1 325
Fruit and vegetables	-28	-71	-69
Meat and meat preparations	-30	-138	-121
Dairy products (milk equivalent)	-68	-193	-126
Fish	37	168	73
Environment			
Forest land area (% of total land area)	1.0	1.0	1.0
Agricultural land area (% of total land area)	44.9	44.8	44.3
Freshwater withdrawal (% total renewable)	161.1	168.6	
Terrestrial protected areas (% total land area)			0.8
Agriculture area under organic agric. (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	4 755	6 745	7 269
Net emissions in land use (CO ₂ eq. Gg)	0	0	0

Zambia

	1997	2007	2017
The setting			
Population, total (mill.)	9.6	12.5	17.4
Rural population, total (mill.)	6.2	7.9	9.9
Govt. expenditure on agric. (% total outlays)	1.4	6.7	7.9
Area harvested, crops (mill. ha)	1.3	1.3	2.8
Cropping intensity ratio	0.4	0.4	0.7
Total renew. water resources per cap. (m ³)	10 841	8 235	6 131
Land area equipped for irrigation (1 000 ha)	101	156	156
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	70.3	71.9	54.2
Employment in agriculture, female (%)	77.7	79.3	62.4
Fertilizers use, nitrogen, as N (1 000 t)	40.3	55.8	210.7
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	13.5	11.6	37.3
Fertilizers use, potassium, as K ₂ O (1 000 t)	13.5	28.0	25.8
Agric. value added per worker (constant USD)	872	617	617
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	1 893	1 806	1 975
Average dietary energy supply adequacy (%)	89	85	91
Dietary energy supply, cereals/roots/tubers (%)	77	75	70
Prevalence of undernourishment (% of pop.)	47.4	53.5	46.7
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	2 126	2 798	3 718
Cereal import dependency ratio (%)	5.0	-2.8	-21.4
Stunting, children under 5 (%)	52.5	45.8	40.0
Adult obesity (% of pop. 18 years and older)	3.3	4.3	6.5
At least basic drinking water (% pop. using)	49.5	54.0	60.0
Food supply			
Food production value (2004–06 mill. I\$)	826	1 120	2 138
Agriculture, value added (% GDP)	14.0	12.1	4.0
Food (excl. fish) exports (mill. USD)	30	234	362
Food (excl. fish) imports (mill. USD)	75	144	284
Production indices, gross (2004–06=100)			
Food	78	105	201
Crops	66	103	203
Cereals	85	113	286
Vegetable oils	58	88	274
Roots and tubers	68	102	111
Fruit and vegetables	88	111	132
Sugar	63	103	188
Livestock	81	104	196
Milk	69	102	105
Meat	85	104	238
Fish	101	114	164
Net trade (mln USD)			
Cereals and preparations	-28	51	59
Fruit and vegetables	-3	6	-35
Meat and meat preparations	-1	0	-7
Dairy products (milk equivalent)	-6	-8	-20
Fish	-1	-10	-128
Environment			
Forest land area (% of total land area)	69.5	67.2	65.0
Agricultural land area (% of total land area)	29.6	30.9	32.1
Freshwater withdrawal (% total renewable)	1.5	1.5	
Terrestrial protected areas (% total land area)			37.9
Agriculture area under organic agric. (ha)		3	8
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	19 181	24 300	26 502
Net emissions in land use (CO ₂ eq. Gg)	360 107	406 494	437 400

Zimbabwe

	1997	2007	2017
The setting			
Population, total (mill.)	11.7	12.3	14.4
Rural population, total (mill.)	7.9	8.8	11.5
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	2.7	3.4	2.6
Cropping intensity ratio	0.8	0.8	0.6
Total renew. water resources per cap. (m ³)	1 708	1 500	1 210
Land area equipped for irrigation (1 000 ha)	155	174	175
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	59.7	70.0	67.1
Employment in agriculture, female (%)	69.5	76.7	71.4
Fertilizers use, nitrogen, as N (1 000 t)	70.7	57.4	58.1
Fertilizers use, phosphorus, as P ₂ O ₅ (1 000 t)	48.1	30.3	39.3
Fertilizers use, potassium, as K ₂ O (1 000 t)	11.5	20.4	32.6
Agric. value added per worker (constant USD)	779	368	341
Hunger dimensions			
Average dietary energy supply (kcal/cap/day)	2 046	2 013	1 892
Average dietary energy supply adequacy (%)	92	90	85
Dietary energy supply, cereals/roots/tubers (%)	58	59	58
Prevalence of undernourishment (% of pop.)	40.2	42.6	51.3
Prev. of severe food insecurity (% of pop.)			
Prev. moderate or severe food insecurity (% pop.)			
GDP per capita (USD, PPP)	2 946	1 810	2 568
Cereal import dependency ratio (%)	1.7	37.8	42.5
Stunting, children under 5 (%)		35.1	26.8
Adult obesity (% of pop. 18 years and older)	8.3	9.9	12.3
At least basic drinking water (% pop. using)	71.7	69.0	64.1
Food supply			
Food production value (2004–06 mill. I\$)	1 203	1 374	1 241
Agriculture, value added (% GDP)	19.3	22.2	10.2
Food (excl. fish) exports (mill. USD)	292	102	109
Food (excl. fish) imports (mill. USD)	141	347	604
Production indices, gross (2004–06=100)			
Food	87	99	89
Crops	117	102	99
Cereals	85	80	47
Vegetable oils	145	163	76
Roots and tubers	78	103	129
Fruit and vegetables	79	103	123
Sugar	123	77	95
Livestock	74	103	106
Milk	106	98	108
Meat	67	103	106
Fish	139	99	204
Net trade (mln USD)			
Cereals and preparations	25	-218	-311
Fruit and vegetables	17	13	-10
Meat and meat preparations	17	5	-7
Dairy products (milk equivalent)	6	0	-7
Fish	-15	0	-13
Environment			
Forest land area (% of total land area)	51.4	42.9	34.7
Agricultural land area (% of total land area)	37.3	41.9	41.9
Freshwater withdrawal (% total renewable)	21.0	17.9	
Terrestrial protected areas (% total land area)			27.2
Agriculture area under organic agric. (ha)		0	3
Wood pellet production (1 000 t)			
Emissions in agriculture (CO ₂ eq. Gg)	10 931	10 880	11 458
Net emissions in land use (CO ₂ eq. Gg)	38 074	37 718	36 125

Definitions

Adult obesity, prevalence

The prevalence of obesity in the adult population is the percentage of adults ages 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. 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. Note: Withdrawal is synonymous with abstraction.

Source: FAO, Land and Water Division (AQUASTAT)

Owner: FAO

Agricultural water withdrawal as % of total renewable water resources

Water withdrawn for irrigation in a given year, expressed in percent of the total renewable water resources. This parameter is an indication of the pressure on the renewable water resources caused by irrigation. Note: While freshwater withdrawal as a percentage of total renewable water resources refers to withdrawal of surface water and groundwater, agricultural water withdrawal also includes non-conventional sources of water (such as direct use of wastewater and agricultural drainage water, desalinated water). Thus in some countries agricultural water withdrawal as a percentage of total renewable water resources can be higher than freshwater withdrawal as a percentage of total renewable water resources.

Source: FAO, Land and Water Division (AQUASTAT)

Owner: FAO

Agriculture area actually irrigated

Land area actually irrigated that is used for agriculture.

Source: FAO, Statistics Division

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 and that has been inspected and approved by a certification body. Agriculture area in conversion to organic is the land area which is going through the organic conversion process, usually a two-year period of conversion to organic land.

Source: FAO, Statistics Division

Owner: FAO

Agriculture Orientation Index (AOI) of government expenditure

This is the ratio of the agriculture share in government expenditure, over the agriculture contribution to the economy. An AOI greater than 1 shows higher prominence in government expenditure to agriculture than its contribution to the economy, as measured by GDP, while an AOI less than 1 shows more prominence of non-agricultural sectors.

Source: FAO, Statistics Division

Owner: FAO

Agriculture, forestry and fishing (AFF)

It 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 with the agricultural sector (crop and livestock in Division 1 of ISIC), the broad agricultural sector is abbreviated in this publication as AFF.

Source: United Nations Statistics Division

Owner: UN

Agriculture, value added

This is the total value added in AFF. The value added is the net output of a sector after adding up 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. The International Standard Industrial Classification (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

Agriculture, value added per worker (constant 2010 USD)

The value added per worker is a measure of labour productivity in agricultural sector – value added per unit of input. The value added per worker is calculated by dividing the value added of a sector by the labour force employed in the sector. For international comparisons constant 2010 USD have been used.

Source: World Bank

Owner: FAO, ILO and World Bank

Animal fats

Includes butter, ghee, cream, raw animal fats and fish oils.

Source: FAO, Statistics Division

Owner: FAO

Aquaculture fish production

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 which 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 licenses, 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.

Source: Fisheries and Aquaculture Department (Fishery and Aquaculture statistics)

Owner: FAO

Arable land

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

Refers to the area from which a crop is gathered. Area harvested, therefore, excludes 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

Bilateral development flows (aid) to AFF

Bilateral flows are provided directly by a donor country to an aid recipient country. Bilateral commitments are recorded in the full amount of expected transfer, irrespective of the time required for the completion of disbursements.

Source: OECD

Owner: OECD

Capture fish production

Defined as the hunting, collecting and gathering activities directed at removing or collecting live wild aquatic organisms. 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 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 Department (Fishery and Aquaculture statistics)

Owner: FAO

Cattle and buffaloes

Common ox (*Bos taurus*); zebu, humped ox (*Bos indicus*); Asiatic ox (subgenus *Bibos*); Tibetan yak (*Poephagus grunniens*). Indian, Asiatic, pigmy, water buffalo (*Bubalus bubalus*; *B. arnee*; *B. depressicornis*); African buffalo (genus *Syncerus*); American bison (*Bison bison*); European bison (*Bison bonasus*); beefalo (cross between bison and domesticated beef animal). Excludes wild bison and buffalo.

Source: FAO, Statistics Division
Owner: FAO

Cereal import dependency ratio

This indicator 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 of stock variations in major food.

Source: FAO, Statistics Division
Owner: FAO

Cereals

Includes wheat, rice paddy, barley, maize, popcorn, rye, oats, millets, sorghum, buckwheat, quinoa, fonio, triticale, canary seed, mixed grain and cereals nes.

Source: FAO, Statistics Division
Owner: FAO

Cereals and preparations

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

Source: FAO, Statistics Division
Owner: FAO

Consumer price index (all items)

The consumer price index (CPI) (all items) measures the price change between the current and reference periods of an average basket of goods and services purchased by households. The CPI (all items) is typically used to measure and monitor inflation, set monetary policy targets, index social benefits such as pensions and unemployment benefits.

Source: IMF and UNSD
Owner: IMF and UNSD

Consumer price index (food)

The food 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

Credit to agriculture

Credit to agriculture measures loans to agriculture producers provided by commercial bank credit. This dataset is built by compiling official country data published online by national central banks in their monetary and financial statistics publications.

Source: FAO, Statistics Division
Owner: FAO

Cropland

Land used for cultivation of crops. The total of areas under "Arable land" and "Permanent crops".

Source: FAO, Statistics Division
Owner: FAO

Cropping intensity ratio

The ratio of area harvested to total cropland. The cropping intensity ratio may exceed 1 where more than one crop cycle is permitted each year on the same area.

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 cakes equivalent), Pulses, Roots and tubers, Treenuts and Vegetables.

Source: FAO, Statistics Division
Owner: FAO

Dairy products

Includes butter, buttermilk, cheese, cream, ghee, milk, whey and yoghurt.

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. 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

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

These figures are based on the latest available data from national food balance sheets, which for most countries refer to a year between 2013 and 2016.

Source: FAO, Statistics Division

Owner: FAO

Dietary energy supply, share

Expresses the energy supply (in kcal/cap/day) provided by a commodity group as a percentage of the total Dietary energy supply (DES) (in kcal/cap/day) calculated from the corresponding countries in the FAOSTAT food balance sheets.

Source: FAO, Statistics Division

Owner: FAO

Drinking water services, at least basic

The percentage of people using at least basic water services. This indicator encompasses people using basic water services as well as those using safely managed water services. Basic drinking water services is defined as drinking water from an improved source, provided collection time is not more than 30 minutes for a round trip. Improved water sources include piped water, boreholes or tubewells, protected dug wells, protected springs, and packaged or delivered water.

Source: World Bank

Owner: WHO/UNICEF Joint Monitoring Programme (JMP) for Water Supply, Sanitation and Hygiene (washdata.org)

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 from agriculture, forestry and other land use (AFOLU)

Greenhouse gas (GHG) emissions from agriculture consist of non-CO₂ gases, namely methane (CH₄) and nitrous oxide (N₂O), produced by crop and livestock production and management activities. Land use includes CO₂ emissions by sources and removals by sinks from forest land, cropland and grassland, as well as emissions of non-CO₂ from fires of biomass and organic soils.

Source: FAO, Statistics Division and Global Forest Resources Assessments

Owner: FAO

Emissions in agriculture

Covers all the emissions produced in the different agricultural emissions subdomains (enteric fermentation, manure management, rice cultivation, synthetic fertilizers, manure applied to soils, manure left on pastures, crop residues, cultivation of organic soils, burning of crop residues, burning of savanna, energy use), providing a picture of the contribution to the total amount of GHG emissions from agriculture. GHG emissions from agriculture consist of non-CO₂ gases, namely methane (CH₄) and nitrous oxide (N₂O), produced by crop and livestock production and management activities. The FAOSTAT emissions database is computed following Tier 1 IPCC 2006 Guidelines for National GHG Inventories.

Source: FAO, Statistics Division

Owner: FAO

Emissions in land use

Covers all GHG emissions and removals produced in the different Land Use subdomains, 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

Emissions in peatland

Calculated as emissions (CO₂eq) for cropland organic soils + grassland organic soils + burning - biomass organic soils. The FAOSTAT emissions database is computed following Tier 1 IPCC 2006 Guidelines for National GHG Inventories.

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 the International Standard Industrial Classification of All Economic Activities (ISIC).

Source: ILO estimates, November 2018 (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

Fertilizers

The use of fertilizers refers to agricultural use of mineral or chemical fertilizers for the three main plant nutrients: nitrogen (N), phosphorus (expressed as P_2O_5) and potassium (expressed as K_2O). 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

Calculated as exports plus re-exports minus imports.

Source: Fisheries and Aquaculture Department (Fishery and Aquaculture statistics)

Owner: FAO

Fish production indices

Calculated as the current year's value divided by the average 2004–06 value multiplied by 100. Production comprises capture and aquaculture.

Source: Fisheries and Aquaculture Department (Fishery and Aquaculture statistics)

Owner: FAO

Food

Comprises 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 import value as share of total merchandise exports

Provides a measure of vulnerability and captures the adequacy of foreign exchange reserves to pay for food imports, which has implications for national food security depending on production and trade patterns. Data for fish are excluded.

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, vegetables oils and sugar), weighted with the average export shares of each of the groups for 2002–04.

Source: FAO, Statistics Division

Owner: FAO

Food production value (gross)

Compiled by multiplying the gross production in physical terms by output prices at farm gate. Thus, the value of production measures production in monetary terms at the farm gate level. Since intermediate uses within the agricultural sector (seed and feed) have not been subtracted from production data, this value of production aggregate refers to the notion of "gross production".

Source: FAO, Statistics Division

Owner: FAO

Food production variability, per capita

Corresponds to the variability of the "food net per capita production value in constant 2004–06 international dollars" as disseminated in FAOSTAT.

Source: FAO, Statistics Division

Owner: FAO

Food production, average value

Calculated as the value of food production in international dollars (I\$) divided by the total population. It provides a cross-country comparable measure of the relative economic size of the food production.

Source: FAO, Statistics Division
Owner: FAO

Food supply variability, per capita

Corresponds to the variability of the "food supply in kcal/cap/day" as disseminated in FAOSTAT.

Source: FAO, Statistics Division
Owner: FAO

Forest land

Land spanning more than 0.5 hectares 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, and land that is predominantly used for maintenance and restoration of environmental function. 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 hectares and width of more than 20 metres.
- Includes abandoned shifting cultivation land with a regeneration of trees that have, or is 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 import and export

Includes the following products: Chemical wood pulp; Dissolving wood pulp; Fibreboard, compressed (1961–1994); Hardboard; Industrial roundwood, coniferous (export/import); Industrial roundwood, non-coniferous non-tropical; export/import); Industrial roundwood, non-coniferous tropical (export/import); MDF/HDF; Mechanical wood pulp; Newsprint; Other agglomerates; Other fibreboard; Other industrial roundwood, all species (export/import, 1961–1989); Other paper and paperboard; Particle board; OSB; Plywood; Printing and writing papers; Pulp from fibres other than wood; Pulpwood, round and split, all species (export/import, 1961–89); Recovered paper; Sawlogs and veneer logs, coniferous; Sawlogs and veneer logs, non-coniferous; Sawnwood, coniferous; Sawnwood, non-coniferous all; Semi-chemical wood pulp; Veneer sheets; Wood charcoal; Wood chips and particles; Wood fuel, all species (export/import); Wood pellets; Wood residues.

Source: FAO, Forestry Department
Owner: FAO

Freshwater withdrawal as % of total renewable water resources

Total freshwater withdrawn in a given year, expressed as a percentage of the total renewable water resources (TRWR). This parameter is an indication of the pressure on the renewable water resources. It was the Millennium Development Goal (MDG) Indicator 7.5, from which the Sustainable Development Goal (SDG) indicator 6.4.2 is derived with the introduction of Environmental Flow Requirements.

Source: FAO, Land and Water Division (AQUASTAT)
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. Chillies and green peppers are included in this grouping when they are harvested for consumption as vegetables and not processed into spices. Trade data for fresh vegetables also include chilled vegetables, meaning the temperature of the products has been

reduced to around 0°C without the products being frozen. Fruit crops consist of fruits and berries that, with few exceptions, are characterized by their sweet taste. Nearly all are permanent crops, mainly from trees, bushes and shrubs, as well as vines and palms. Fruit crops are consumed directly as food and are processed into dried fruit, fruit juice, canned fruit, frozen fruit, jam, alcoholic beverages, etc.

Source: FAO, Statistics Division

Owner: FAO

GDP per capita (constant 2011 international \$, PPP)

GDP per capita based on purchasing power parity (PPP). PPP GDP is gross domestic product converted to international dollars using purchasing power parity rates. An international dollar has the same purchasing power over GDP as the USD has in the United States of America. GDP at purchaser's prices is the sum of gross value added by all resident producers in the economy plus any product taxes and minus any subsidies not included in the value of the products. It is calculated without making deductions for depreciation of fabricated assets or for depletion and degradation of natural resources. Data are in constant 2011 international dollars.

Source: World Bank

Owner: World Bank

Government expenditure on agriculture

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

Source: FAO, Statistics Division

Owner: FAO and IMF

Growth rate, average annual

Calculated using a least-squares growth rate with at least 50 percent of the values present in the time series.

Source: FAO, Statistics Division

Owner: FAO

Growth rate, geometric

Calculated using a geometric growth rate with at least 50 percent of the values present in the time series.

Source: FAO, Statistics Division

Owner: 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 good from the border of the exporting country to the border of the importing country).

Source: FAO, Statistics Division

Owner: FAO

Import value index

Represents the change in the current values of import CIF (cost, insurance and freight) all expressed in USD. For countries which report import values on an FOB (free on board) basis, these are adjusted to approximate CIF values (by a standard factor of 112 percent).

Source: FAO, Statistics Division

Owner: FAO

Industrial water withdrawal

Refers to the annual quantity of self-supplied water withdrawn for industrial uses. It can include water from renewable 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. This sector refers to self-supplied industries not connected to the public distribution network. The ratio between net consumption and withdrawal is estimated at less than 5 percent. It includes water for the cooling of thermoelectric and nuclear power plants, but it does not include hydropower. Water withdrawn by industries that are connected to the public supply network is generally included in municipal water withdrawal.

Source: FAO, Land and Water Division (AQUASTAT)

Owner: FAO

Industry, value added

Industry corresponds to ISIC Divisions 10–45 and includes manufacturing (ISIC Divisions 15–37). It comprises value added in mining, manufacturing (also reported as a separate subgroup), construction, electricity, water, and gas. Value added is the net output of a sector after adding up all outputs and subtracting intermediate inputs. It is calculated without making deductions for depreciation of fabricated assets or depletion and degradation of natural resources. The origin of value added is determined by the International Standard Industrial Classification (ISIC), revision 3 or 4.

Source: World Bank

Owner: World Bank

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 population weights, which may better reflect the impact of food inflation on consumers than indicators such as GDP weights.

Source: FAO, Statistics Division

Owner: FAO

Internal renewable water resources

Internal renewable water resources (IRWR) refers to long-term average annual flow of rivers and recharge of aquifers generated from endogenous precipitation. Double counting of surface water and groundwater resources is avoided by deducting the overlap from the sum of the surface water and groundwater resources.

Source: FAO, Land and Water Division (AQUASTAT)

Owner: FAO

Labour force participation rate

The proportion of the population aged 15–64 that is economically active: all people who supply labour for the production of goods and services during a specified period.

Source: World Bank

Owner: KILM database, ILO

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 which 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"). Permanent meadows and pastures are excluded from land underpermanent 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). 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

Life expectancy at birth (years)

Indicates the number of years a newborn infant would live if prevailing patterns of mortality at the time of its birth were to stay the same throughout its life.

Source: World Bank

Owner: United Nations Population Division. World Population Prospects: 2019 Revision

Live animals

Includes: asses, buffaloes, beehives, camels, other camelids, cattle, chickens, ducks, geese and guinea fowl, goats, horses, mules, pigeons, other birds, pigs, rabbits and hares, other rodents, sheep, turkeys and live animals nes.

Source: FAO, Statistics Division

Owner: FAO

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

FAO defines meat as the flesh of animals used for food. In production data, meat is normally reported inclusive of bone and exclusive of meat that is unfit for human consumption. As reported by individual countries, meat production data may refer either to commercial production (meat entering marketing channels), inspected production (from animals slaughtered under sanitary inspection), or total production (the total of the above-mentioned categories plus slaughter for personal consumption). All FAO annual production data refer to total production.

Source: FAO, Statistics Division
Owner: FAO

Milk

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

Source: FAO, Statistics Division
Owner: FAO

Multilateral development flow (aid) to AFF

Aid activities financed from multilateral development institutions' regular budgets. Projects executed by multilateral organizations on behalf of donor countries are classified as bilateral flows, since the donor country effectively controls the use of the funds.

Source: OECD
Owner: OECD

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 using 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

Offals

Can include edible offals from cattle, buffaloes, sheep, goats, pigs, horses, camels and other camelids, liver preparations, and liver from chickens, geese, ducks and turkeys.

Source: FAO, Statistics Division
Owner: FAO

Other naturally regenerated forest

Naturally regenerated forest where there are clearly visible indications of human activities. Explanatory notes:

1. Includes selectively logged-over areas, areas regenerating following agricultural land use, areas recovering from human-induced fires, etc.
2. Includes forests where it is not possible to distinguish whether planted or naturally regenerated.
3. Includes forests with a mix of naturally regenerated trees and planted/seeded trees, and where the naturally regenerated trees are expected to constitute more than 50 percent of the growing stock at stand maturity.

Source: Global Forest Resources Assessment, FAO
Owner: FAO

Overweight, children under 5 years of age

Weight-for-height more than two standard deviations above the median for the international reference population aged 0–59 months.

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

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 Department
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

Planted forest

Forest predominantly composed of trees established through planting and/or deliberate seeding. Explanatory notes:

1. In this context, predominantly means that the planted/seeded trees are expected to constitute more than 50 percent of the growing stock at maturity.
2. Includes coppice from trees that were originally planted or seeded.
3. Includes rubberwood, cork oak and Christmas tree plantations.
4. Excludes self-sown trees of introduced species.

Source: Global Forest Resources Assessment, FAO

Owner: FAO

Population, rural

De facto population living in areas classified as rural (i.e., the difference between the total population of a country and its urban population). Data refer to 1 July of the year indicated.

Source: FAO, Statistics Division

Owner: United Nations Department of Economic and Social Affairs. World Urbanization Prospects – the 2018 Revision

Population, total

De facto population in a country, area or region as of 1 July of the year indicated.

Source: FAO, Statistics Division

Owner: United Nations Department of Economic and Social Affairs. World Population Prospects: 2019 Revision

Population, urban

De facto population living in areas classified as urban (i.e., the difference between the total population of a country and its rural population). Data refer to 1 July of the year indicated.

Source: FAO, Statistics Division

Owner: United Nations Department of Economic and Social Affairs. World Urbanization Prospects – the 2018 Revision

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 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 has 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 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 has reported to have been exposed, at times during the year, to several of the most severe experiences described in the FIES questions, such as to have been forced to reduce the quantity of the food, to have 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

Primary forest

Naturally regenerated forest of native species, where there are no clearly visible indications of human activities and the ecological processes are not significantly disturbed. Some key characteristics of primary forests are:

- they show natural forest dynamics, such as natural tree species composition, occurrence of dead wood, natural age structure and natural regeneration processes;
- the area is large enough to maintain its natural characteristics;
- there has been no known significant human intervention or the last significant human intervention was long enough ago to have allowed the natural species composition and processes to have become re-established.

Source: Global Forest Resources Assessment, FAO

Owner: FAO

Private development flow (aid) to AFF

It consists of flows at market terms financed out of private sector resources (i.e. changes in holdings of private long-term assets held by residents of the reporting country) and private grants (i.e. grants by non-governmental organizations and other private bodies,

net of subsidies received from the official sector).

Source: OECD

Owner: OECD

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 indices (gross)

The FAO indices of agricultural production show the relative level of the aggregate volume of agricultural production for each year in comparison with the base period 2004–06.

Source: FAO, Statistics Division

Owner: FAO

Production, crops

Refer to the actual harvested production from the field or orchard and gardens, excluding harvesting and threshing losses and that part of 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 area, which would give then 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; and aquatic products, other.

Source: FAO, Statistics Division
Owner: FAO

Protein supply, average

National average protein supply (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. It includes paper and paperboard that has been used for its original purpose and residues from paper and paperboard production.

Source: FAO, Forestry Department
Owner: FAO

Renewable water resources

This category refers to the sum of internal renewable water resources and external renewable water resources. It corresponds to the maximum theoretical yearly amount of water available for a country at a given moment.

Source: FAO, Land and Water Division (AQUASTAT)
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 which 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

Services, value added

Services correspond to the International Standard Industrial Classification (ISIC) Divisions 50–99 and they include value added in wholesale and retail trade (including hotels and restaurants), transport, and government, financial, professional and personal services such as education, health care and real estate services. Also included are imputed bank service charges, import duties, and any statistical discrepancies noted by national compilers as well as discrepancies arising from rescaling. Value added is the net output of a sector after adding up all outputs and

subtracting intermediate inputs. It is calculated without making deductions for depreciation of fabricated assets or depletion and degradation of natural resources. The industrial origin of value added is determined by the International Standard Industrial Classification (ISIC) revision 3 or 4.

Source: World Bank
Owner: World Bank

Severely food insecure, number of people

Estimated number of people living in households classified as severely food insecure. It is calculated by multiplying the estimated percentage of people affected by severe food insecurity by the total population.

Source: FAO, Statistics Division
Owner: FAO

Starchy roots

Includes 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

Includes: sugar beet, sugar cane, sugar crops nes.

Source: FAO, Statistics Division
Owner: FAO

Sweeteners

Can include fructose, maltose, maple sugar and syrups, molasses, glucose and dextrose, lactose, isoglucose, non-alcoholic beverages, sugar and sugar crops not elsewhere specified.

Source: FAO, Statistics Division
Owner: FAO

Terrestrial protected areas (% total land area)

Totally or partially protected areas of at least 1 000 hectares that are designated by national authorities as scientific reserves with limited public access, national parks, natural monuments, nature reserves or wildlife sanctuaries, protected landscapes, and areas managed mainly for sustainable use. Marine areas, unclassified areas, littoral (intertidal) areas, and sites protected under local or provincial law are excluded.

Source: World Bank
Owner: United Nations Environment Programme and the World Conservation

Monitoring Centre, as compiled by the World Resources Institute

Undernourished, number of people

Number of people in a condition of undernourishment. 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 a light physical activity.

Source: FAO, Statistics Division

Owner: FAO

Vegetable oils

Refers to the oil equivalent of oilcrops, which include seeds, nuts, oil palm fruit, olives and soybeans.

Source: FAO, Statistics Division

Owner: FAO

Wood pellet production

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 Department

Owner: FAO

Wood pulp

Fibrous material prepared from pulpwood, wood chips, particles or residues by 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 Department

Owner: FAO

Yield, crops

Harvested production per unit of harvested area for crop products. In most of the cases yield data are not recorded but are obtained by dividing the production data by the data on area harvested. Data on yields of permanent crops are not as reliable as those for temporary crops either because most of the area information may correspond to

planted area, as for grapes, or because of the scarcity and unreliability of the area figures reported by the countries, as for example for cocoa and coffee.

Source: FAO, Statistics Division

Owner: FAO

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