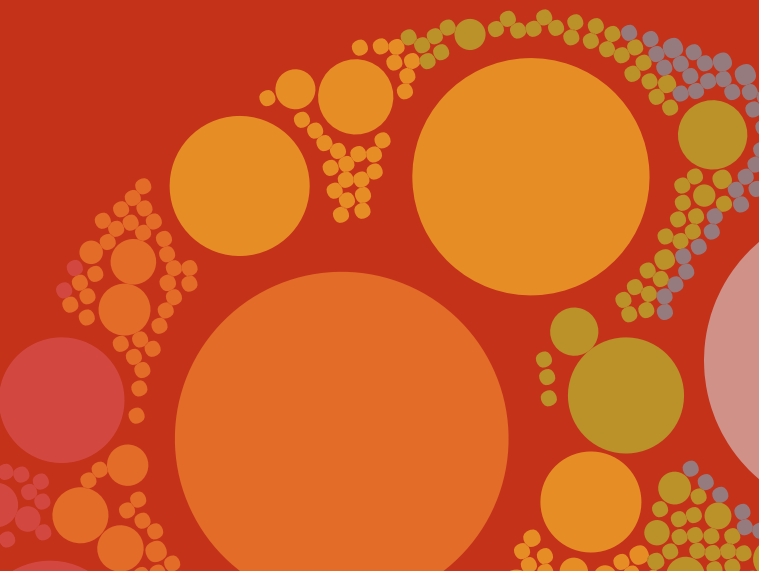




Food and Agriculture  
Organization of the  
United Nations

FAO  
STATISTICS

**WORLD FOOD  
AND AGRICULTURE**  
**STATISTICAL POCKETBOOK**  
**2018**



World Food and Agriculture  
Statistical Pocketbook  
2018

Recommended citation: FAO. 2018. *WORLD FOOD AND AGRICULTURE – STATISTICAL POCKETBOOK 2018*. Rome. 254 pp. Licence: CC BY-NC-SA 3.0 IGO.

The designations employed and the presentation of material in this information product do not imply the expression of any opinion whatsoever on the part of the Food and Agriculture Organization of the United Nations (FAO) concerning the legal or development status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. The mention of specific companies or products of manufacturers, whether or not these have been patented, does not imply that these have been endorsed or recommended by FAO in preference to others of a similar nature that are not mentioned.

The views expressed in this information product are those of the author(s) and do not necessarily reflect the views or policies of FAO.

ISBN 978-92-5-131012-0

© FAO, 2018



Some rights reserved. This work is made available under the Creative Commons Attribution-NonCommercial-ShareAlike 3.0 IGO licence (CC BY-NC-SA 3.0 IGO; <https://creativecommons.org/licenses/by-nc-sa/3.0/igo/legalcode/legalcode>).

Under the terms of this licence, this work may be copied, redistributed and adapted for non-commercial purposes, provided that the work is appropriately cited. In any use of this work, there should be no suggestion that FAO endorses any specific organization, products or services. The use of the FAO logo is not permitted. If the work is adapted, then it must be licensed under the same or equivalent Creative Commons licence. If a translation of this work is created, it must include the following disclaimer along with the required citation: "This translation was not created by the Food and Agriculture Organization of the United Nations (FAO). FAO is not responsible for the content or accuracy of this translation. The original English edition shall be the authoritative edition."

Disputes arising under the licence that cannot be settled amicably will be resolved by mediation and arbitration as described in Article 8 of the licence except as otherwise provided herein. The applicable mediation rules will be the mediation rules of the World Intellectual Property Organization <http://www.wipo.int/amc/en/mediation/rules> and any arbitration will be conducted in accordance with the Arbitration Rules of the United Nations Commission on International Trade Law (UNCITRAL).

Third-party materials. Users wishing to reuse material from this work that is attributed to a third party, such as tables, figures or images, are responsible for determining whether permission is needed for that reuse and for obtaining permission from the copyright holder. The risk of claims resulting from infringement of any third-party-owned component in the work rests solely with the user.

Sales, rights and licensing. FAO information products are available on the FAO website ([www.fao.org/publications](http://www.fao.org/publications)) and can be purchased through [publications-sales@fao.org](mailto:publications-sales@fao.org). Requests for commercial use should be submitted via [www.fao.org/contact-us/licence-request](http://www.fao.org/contact-us/licence-request). Queries regarding rights and licensing should be submitted to [copyright@fao.org](mailto:copyright@fao.org).

# Foreword

The implementation of the 2030 Agenda for Sustainable Development is just at the outset. Pursuing the broad and ambitious Sustainable Development Goals (SDGs) poses major challenges at all levels, from subnational to regional and international, and calls for timely decisions on effective policy actions in a rapidly evolving world of scarce resources.

In this context, the ability to design sound policies and monitor their outcomes is a key requirement. Measuring progress towards international goals and their national and sub-national specifications is of paramount importance. Statistics is the main tool for taking stock and building upon the many small efforts that are carried out to pursue the main objectives, such as reducing hunger and malnutrition, tackling rural poverty, promoting sustainable agricultural development, hence contributing to addressing climate change, promoting inclusive food systems, and improving resilience to extreme conditions.

FAO's strategic framework, being aligned with the SDGs, makes the Organization ready and able to support countries in strengthening their statistical capacities, which are an essential prerequisite for pursuing and monitoring the objectives of the 2030 Agenda. The role of FAO as "custodian" for 21 of the 230 indicators of the SDG Monitoring Framework testifies to the centrality of the Organization in this process.

This publication presents, at a glance, selected key indicators on agriculture and food security, and is meant as an easy-access quick reference. The content is in two sections, one thematic and one country-specific; and is organized along four main themes.

**The setting** provides information on resources employed in agriculture, including the use of land, labour, capital and inputs. Data in this section highlight the pressure that demographic and macroeconomic development is exerting on food systems.

**Hunger dimensions** describe the state of food insecurity and malnutrition in the world, starting from the SDG2 indicators for which FAO holds responsibility, which are the prevalence of undernourishment and the access to food measured through the Food Insecurity Experience Scale (FIES).

**Food supply** offers detailed information on the nature and quantity of world agricultural production and trade, while at the same time considering different utilizations, such as food, feedstuffs and others.

**Environment** highlights the crucial issue of sustainability, by considering the interactions of agriculture with the ecosystem in the evolving context of climate variability and change.

On all these matters, FAO is committed to supporting national, regional and international partners in improving the availability of high-quality and timely data, in view of promoting sustainable agricultural development and SDG 2, Zero 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.

**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 2018* report (<http://www.fao.org/3/I9553EN/i9553en.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 26 September 2018.

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 of complete information is shown. Exceptions are population data, for which the latest information available refers to the year 2017; and regional aggregates of prevalence of undernourishment and prevalence of severe food insecurity, which show 2017 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

# Contents

<b>The setting</b>	<b>2</b>
Population	2
Economy	4
Labour	6
Fertilizers and pesticides	8
Investments	10
Prices	12
<b>Hunger dimensions</b>	<b>14</b>
Hunger and food insecurity	14
Food availability	16
Food access	18
Stability	20
Food utilization	22
<b>Food supply</b>	<b>24</b>
Dietary energy supply	24
Crop production	26
Crop utilization	28
Livestock	30
Fisheries and aquaculture	32
Agricultural trade	34
<b>Environment</b>	<b>36</b>
Land	36
Water	38
Forestry	40
Greenhouse gas emissions	42
Country profiles	46
Definitions	236

## The setting

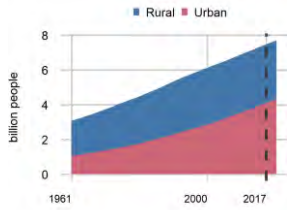
### Population

Notwithstanding the long-term decline of growth rates, the world's population has doubled since the early 1960s, approaching 7.5 billion people.

This is the outcome of fast-improving life expectancy that combines with the high fertility of younger populations.

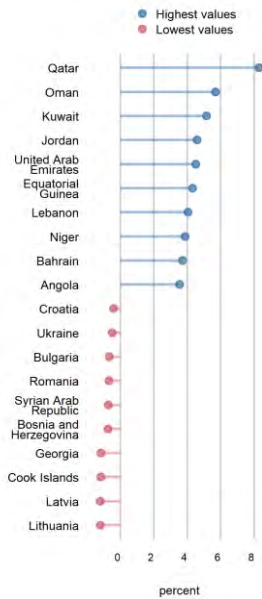
Urban dwellers, based on national definitions, are currently 55 percent of the global world population.

**CHART 1: Rural and urban population**

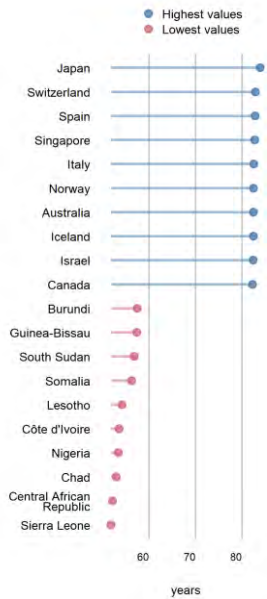


Data after 2017 are projections

**CHART 2: Population, average annual growth, top and bottom 10 countries (2007–17)**



**CHART 3: Life expectancy at birth, top and bottom 10 countries (2016)**



**CHART 4: Total rural population**

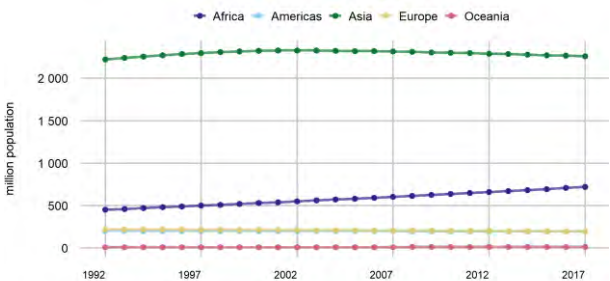


FIGURE 1: Rural population, share of total population (2017)

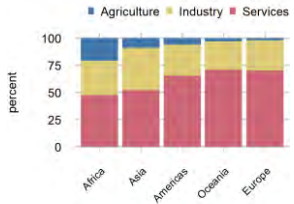




**Economy**

The data reconfirm the hypothesis that with the development of a country, the share of agriculture in GDP goes down, which usually is accompanied by migration of the labour force from agriculture to non-agricultural sectors. In order to keep agriculture playing its vital role as provider of food, fibre and fodder, it is important to increase per worker productivity of the agricultural sector, which can come through greater investments in agriculture and use of improved technologies.

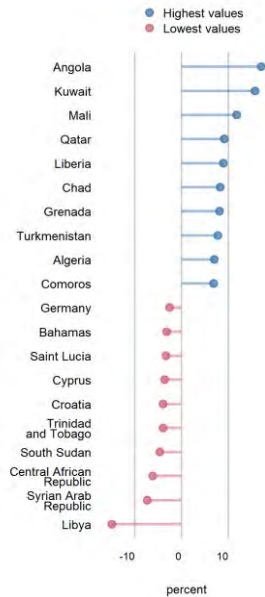
**CHART 5: Value added in agriculture, forestry and fishing, industry and services, share of GDP (2017)**



**CHART 6: Agriculture, value added per worker, top 20 countries with the highest values (2007-17\*)**



**CHART 7: Value added in agriculture, 10 countries with highest and lowest average annual growth rate (2006-16)**



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

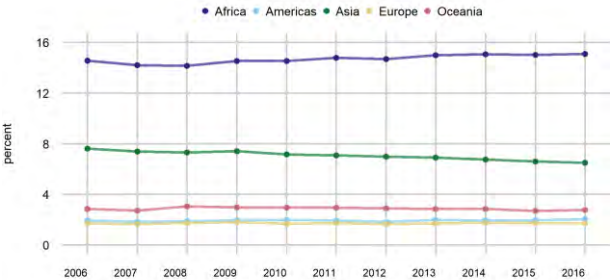
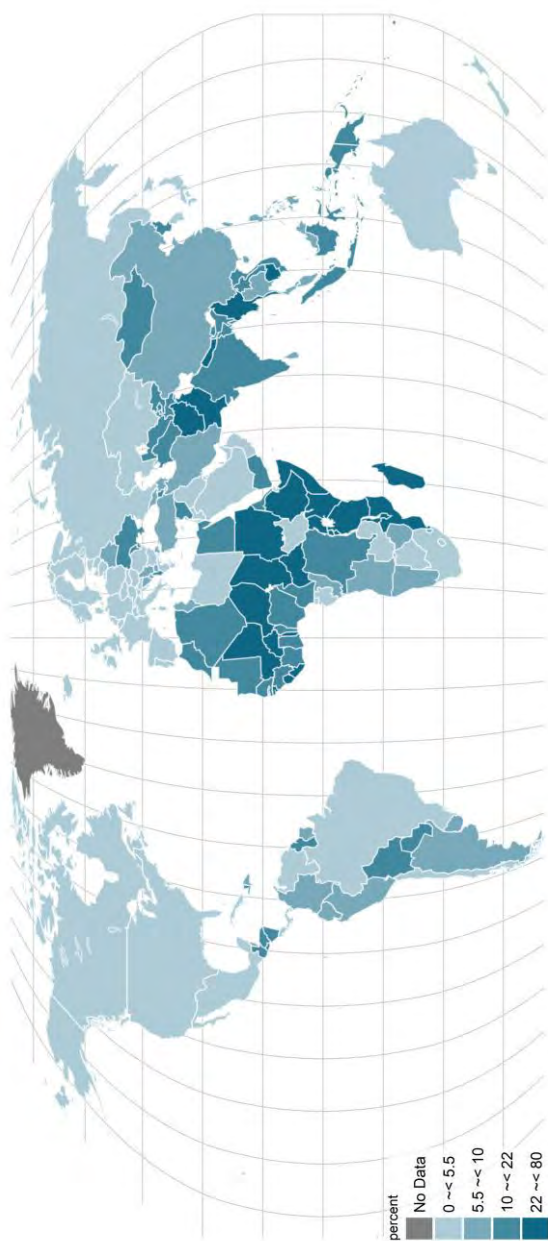


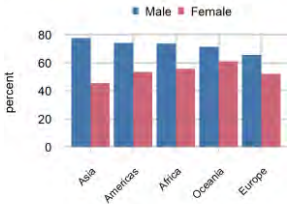
FIGURE 2: Value added in agriculture, share of GDP (2011–16\*)



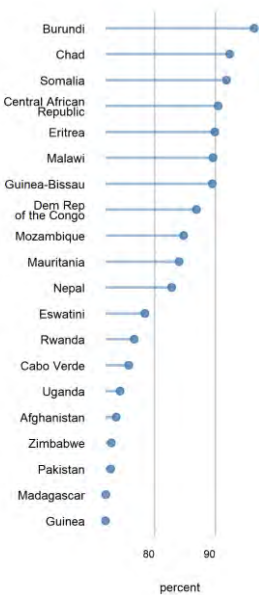
**Labour**

Shares of agricultural employment in total employment decline as income grows. But the ability of agriculture – and the related activities along the food production chains – to demand employment translates in key income opportunities for poor and vulnerable population groups. Collecting high-quality data on those who work in agriculture is particularly important and challenging. Much labour in agriculture is informal, characterized by high levels of pluri-activity and seasonality. It can be self-employed or unpaid, and/or supplied by family members. As a large share of the working poor are involved in agriculture, developments in this sector have a major impact on welfare.

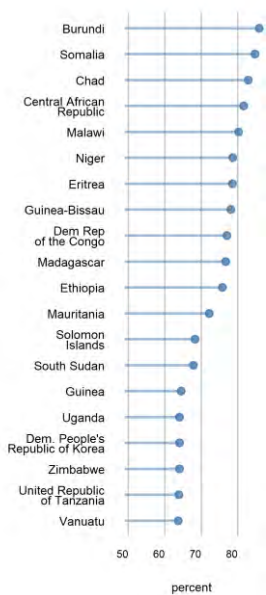
**CHART 9: Labour force participation rate by gender, aged 15+ (2017)**



**CHART 10: Female employment in agriculture in top 20 countries, share of female employment (2007–17\*)**



**CHART 11: Male employment in agriculture in top 20 countries, share of male employment (2007–17\*)**



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

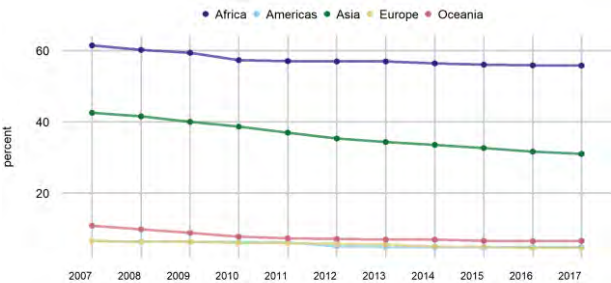


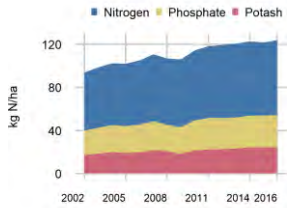
FIGURE 3: Employment in agriculture, share of total employment (2011–17\*)



### Fertilizers and pesticides

In 2016, world total agricultural use of chemical or mineral fertilizers was 110 Mt nitrogen (N), 49 Mt phosphate (P<sub>2</sub>O<sub>5</sub>) and 39 Mt potash (K). With respect to 2002, this represents increases of 34 percent, 40 percent and 45 percent respectively. For each nutrient, the top three countries together represent more than half of the total (Charts 14, 15), which is also reflected in the totals by region (Chart 16). World total agricultural use of fertilizers per hectare of cropland (arable land and permanent crops) has also increased, reaching 69 kg N/ha, 30 kg P<sub>2</sub>O<sub>5</sub>/ha and 24 kg K/ha in 2015 (Chart 13). Regarding pesticide use, distribution of data availability and total amount of active ingredients used by country are shown in Figure 4.

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



**CHART 14: Nitrogen fertilizers use in nutrients, top 20 countries (2016)**



**CHART 15: Phosphate fertilizers use in nutrients, top 20 countries (2016)**



**CHART 16: Fertilizer use in nutrients (2016)**

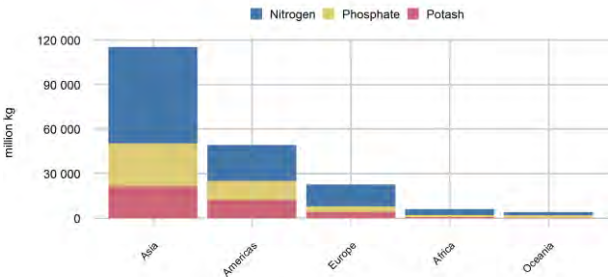
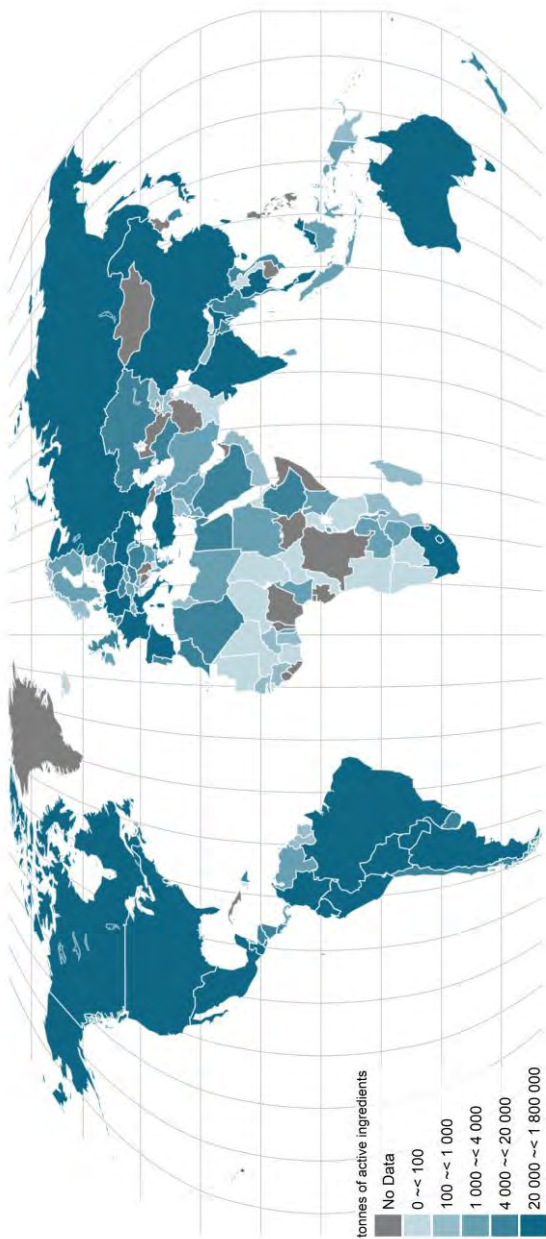


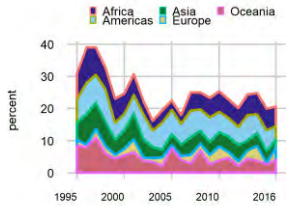
FIGURE 4: Pesticide use (2016)



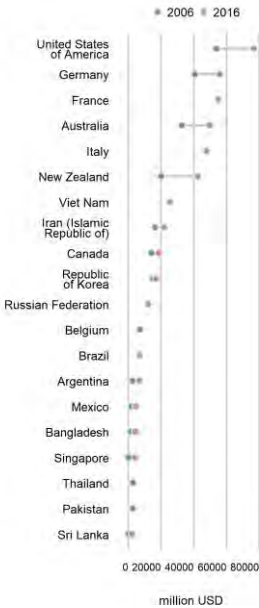
**Investments**

In the coming decades, increased investment in agriculture is going to be crucial for meeting the challenge of adequately feeding the 821 million chronically undernourished people counted today. In FAOSTAT, investment flows are recorded by government expenditure in agriculture, development cooperation flows to agriculture, foreign direct investment and credit to agriculture. Although total development flows are increasing in the long run, the share of crops, livestock, fisheries, aquaculture and forestry as a whole is declining. In most regions, except Europe, the share of agriculture in total credit is also declining.

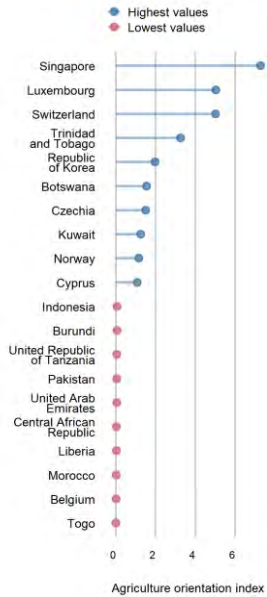
**CHART 17: Aid commitment flows to agriculture, forestry and fishing, share of total aid**



**CHART 18: Total credit to agriculture, forestry and fishing, top 20 countries (2016)**



**CHART 19: Government expenditure on agriculture, forestry and fishing, 10 countries with highest and lowest average AOI (2010-16)**



**CHART 20: Aid commitment flows to agriculture, forestry and fishing, top 10 countries (2016)**

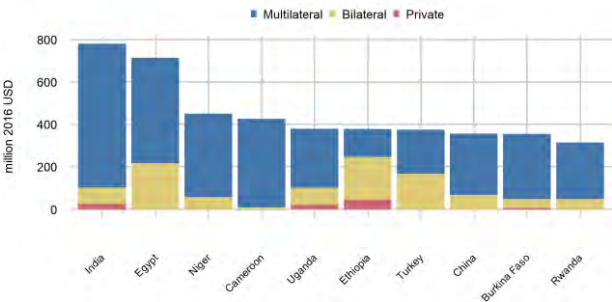
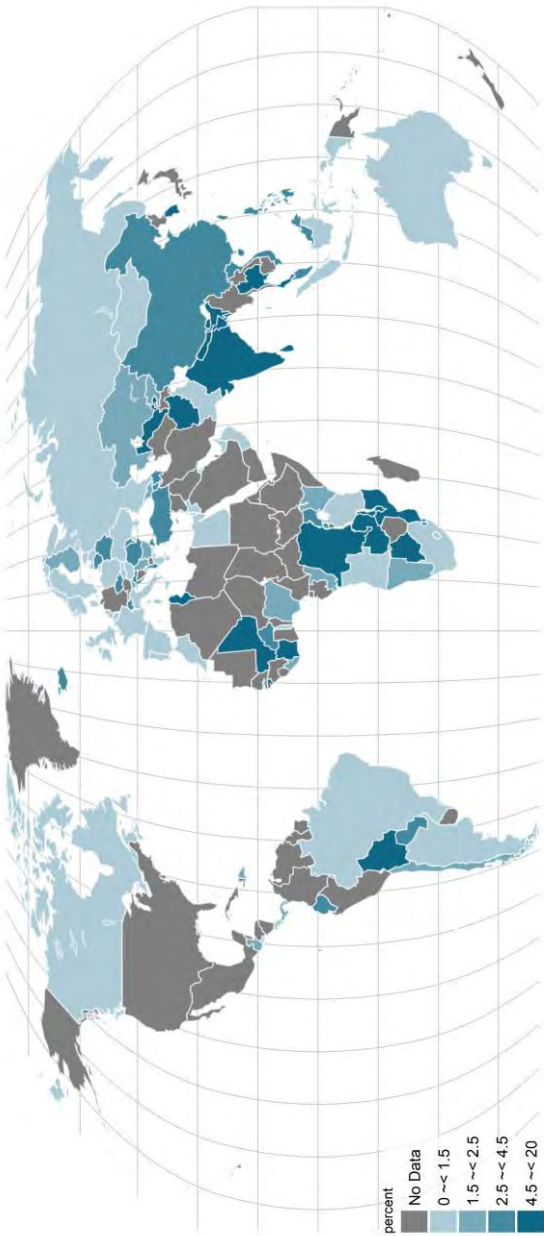


FIGURE 5: Government expenditure on agriculture, share of total outlays (2011-16\*)





**Prices**

Prices are the main determinants of resource allocation for production. Factors that can drive food consumer prices are affected most by natural calamities or political instability, which reduce the production or disrupt the supply chain. Most countries with high inflation in recent times were noted to be facing similar situations. The volatility of international markets is usually not fully transmitted to domestic consumer markets due to national policies protecting them.

**CHART 21: Inflation rate in prices**



**CHART 22: Top 20 countries with the highest inflation rate (average Jan-Dec 2017)**



**CHART 23: Top 20 countries with the lowest inflation rate (average Jan-Dec 2017)**



**CHART 24: Inflation in food consumer prices**

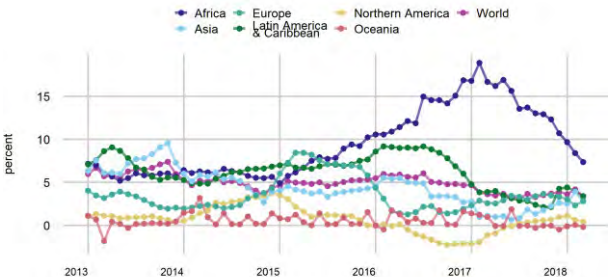
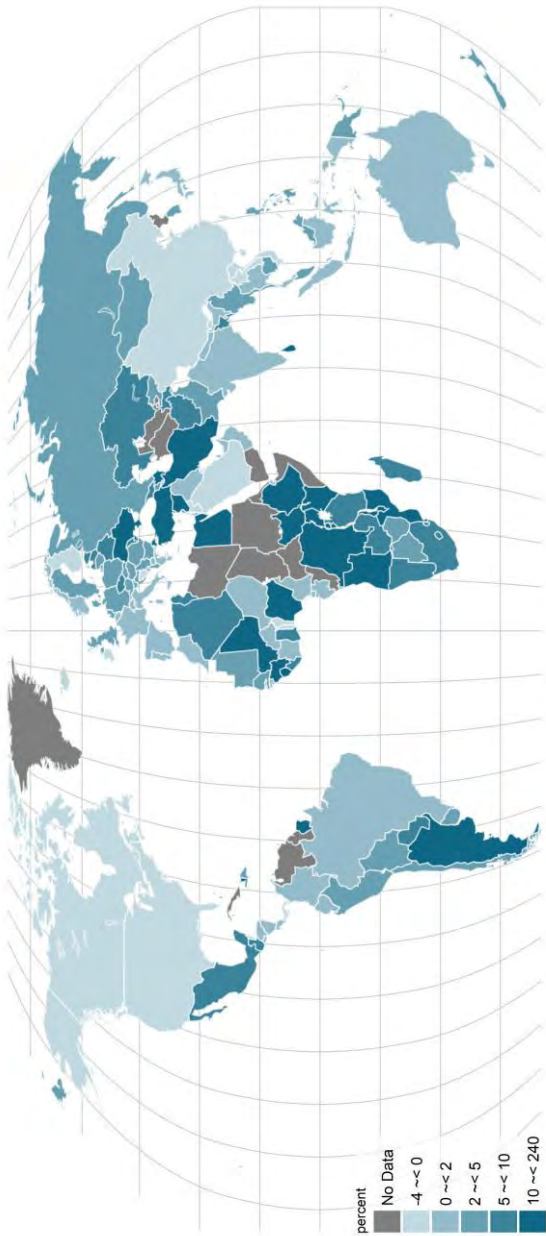


FIGURE 6: Food price inflation (average Jan-Dec 2017)



## 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. New evidence continues to point to a rise in world hunger in recent years after a prolonged decline. In 2017, an estimated 821 million people – approximately one in every nine people – in the world still lack sufficient food to lead an active and healthy life. Complementary statistics based on the Food Insecurity Experience Scale (FIES) show that close to 10 percent of the world population was exposed to severe food insecurity, corresponding to about 770 million people.

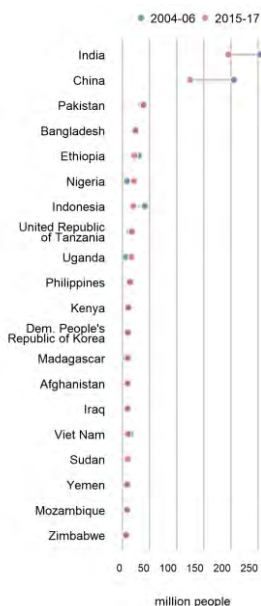
**TABLE 1: Prevalence of undernourishment (percent of population)**

	2007	2017
World	13.1	10.9

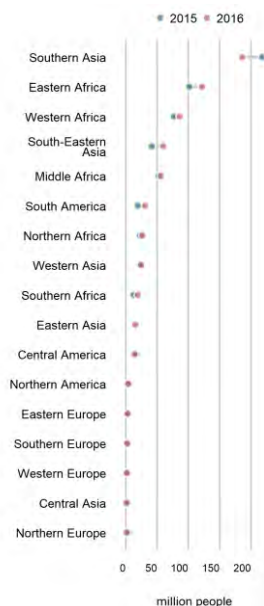
**TABLE 2: Prevalence of severe food insecurity (percent of population)**

	2016	2017
World	8.9	10.2

**CHART 25: Top 20 countries with the highest number of undernourished (2015–17)**



**CHART 26: Top 19 subregions with the highest number of severely food insecure people (2016)**



**CHART 27: Number of undernourished**

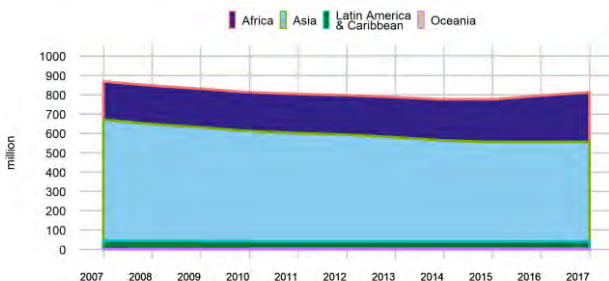
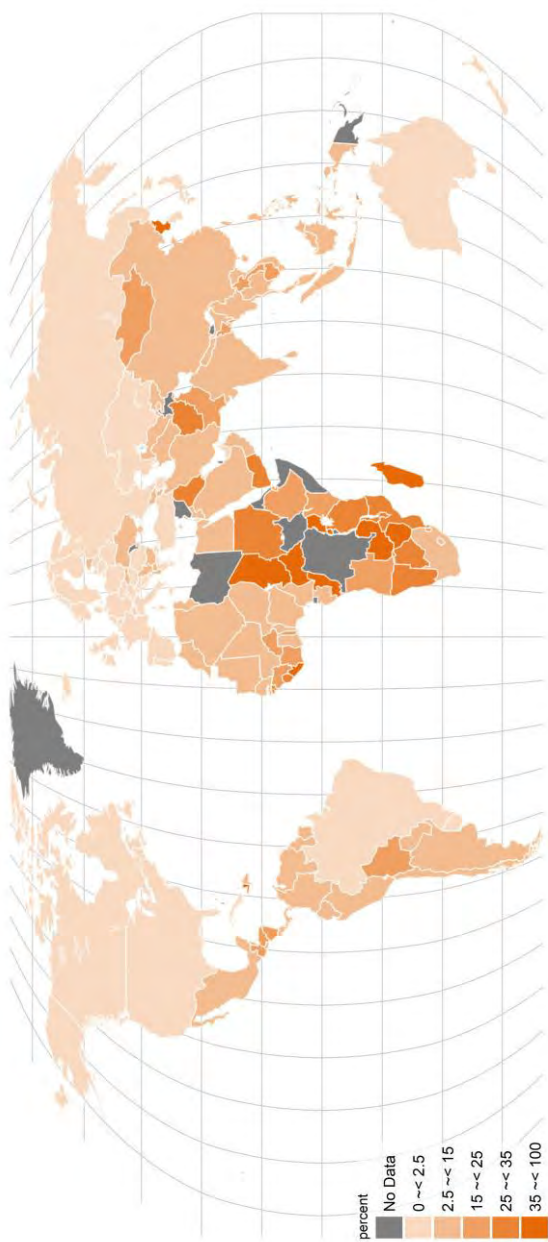


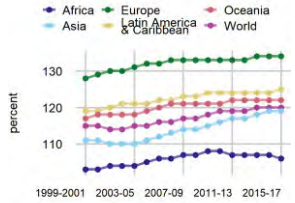
FIGURE 7: Prevalence of undernourishment (2015–17)



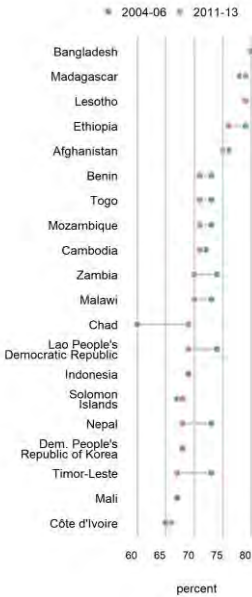
**Food availability**

Availability is an important dimension of food security. Supplying enough food to the reference population is a necessary, but insufficient, condition for ensuring adequate access for individuals. In most countries and regions, high food availability is associated with relatively low prevalence of undernourishment and low prevalence of severe food insecurity. Conflicts and climate change have a cumulative effect on food production. Political conflicts and climate-related disasters in some countries have undermined the food availability in recent years, leading to the rise in global hunger.

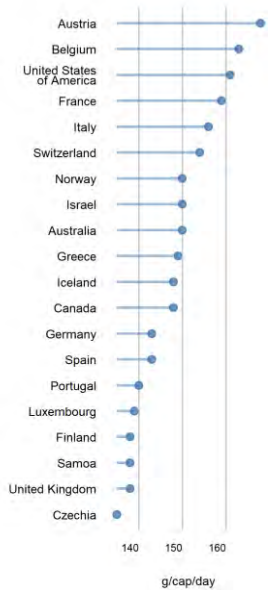
**CHART 28: Average dietary energy supply adequacy**



**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**

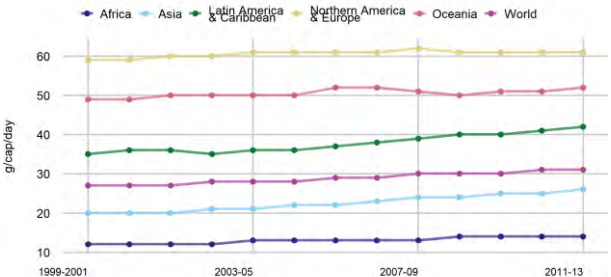


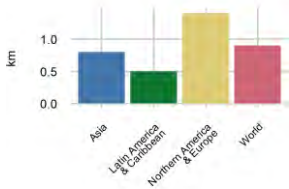
FIGURE 8: Average value of food production (2014–16)



**Food access**

An adequate supply of food does not in itself guarantee household level food security. Access to food is primarily determined by incomes, food prices and the ability of households and individuals to obtain access to social support. Individuals' access to food is also heavily influenced by social variables, including gender positioning and power hierarchies within households. In addition to economic affordability, physical access to food is also facilitated by adequate infrastructure, such as rail lines and paved roads.

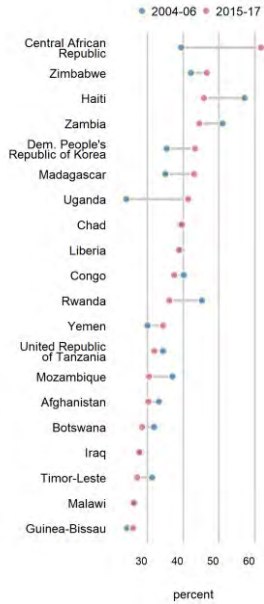
**CHART 32: Rail lines density, km per 100 km of land area (2014)**



**CHART 33: Prevalence of severe food insecurity, top 17 subregions**



**CHART 34: Prevalence of undernourishment, highest 20 countries (2015-17)**



**CHART 35: GDP per capita, purchasing power parity (PPP)**

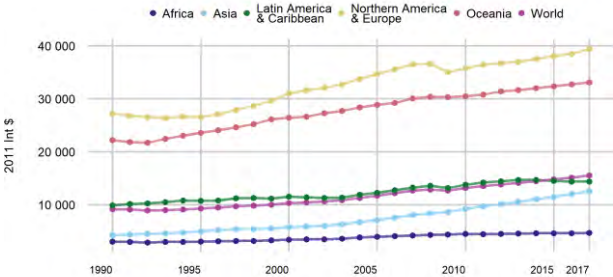
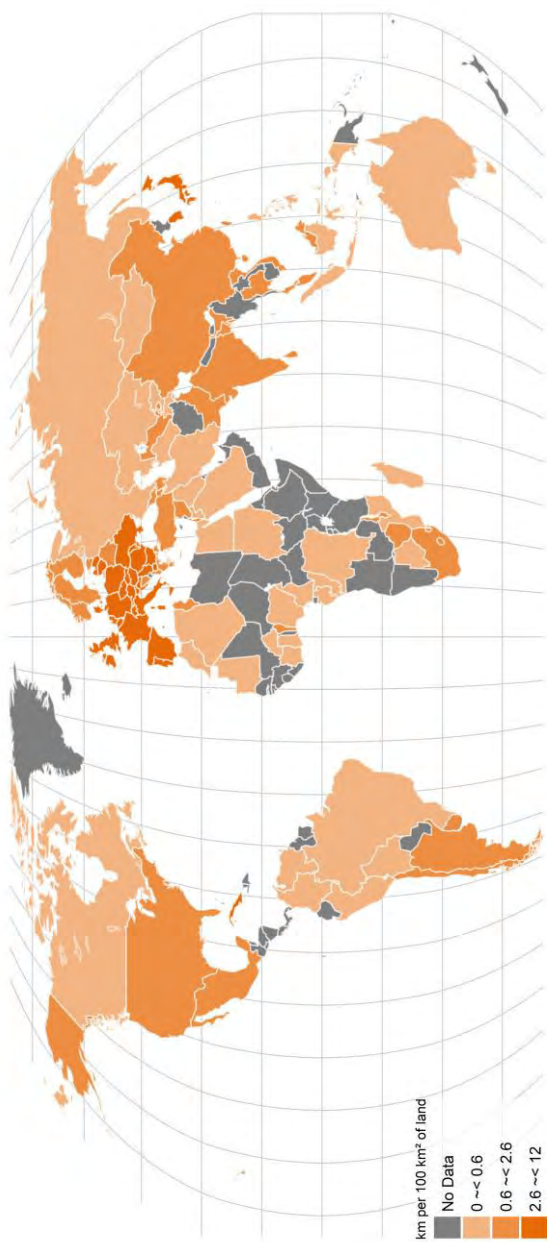


FIGURE 9: Rail lines density (2007–14\*)

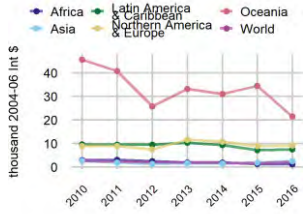




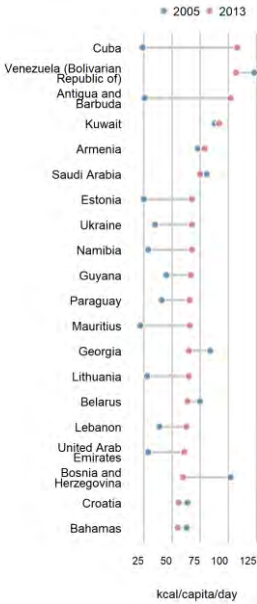
### Stability

Over the last ten years, food and agricultural markets have entered an unexpectedly turbulent phase, characterized by large supply shortfalls and price swings. Meanwhile the number of conflicts is also on the rise. Exacerbated by climate-related shocks, conflicts seriously affect food security and are a cause of much of the recent increase in food insecurity. The poorer the household, the stronger the impact of external shocks, as poor households spend a proportionally higher share of their incomes on food.

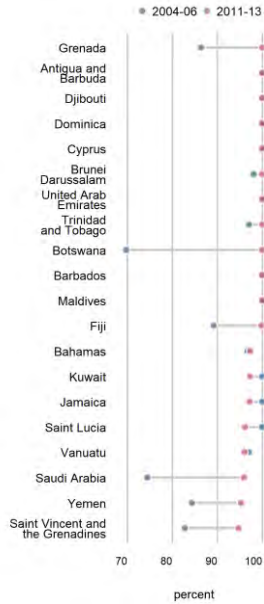
**CHART 36: Per capita food production variability**



**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**

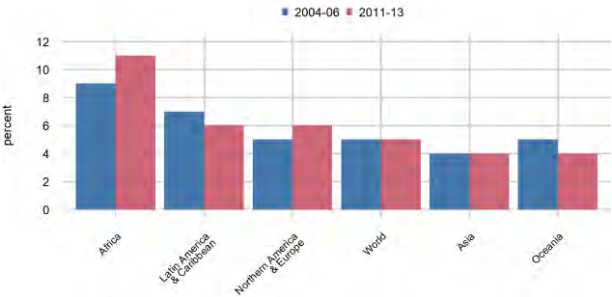
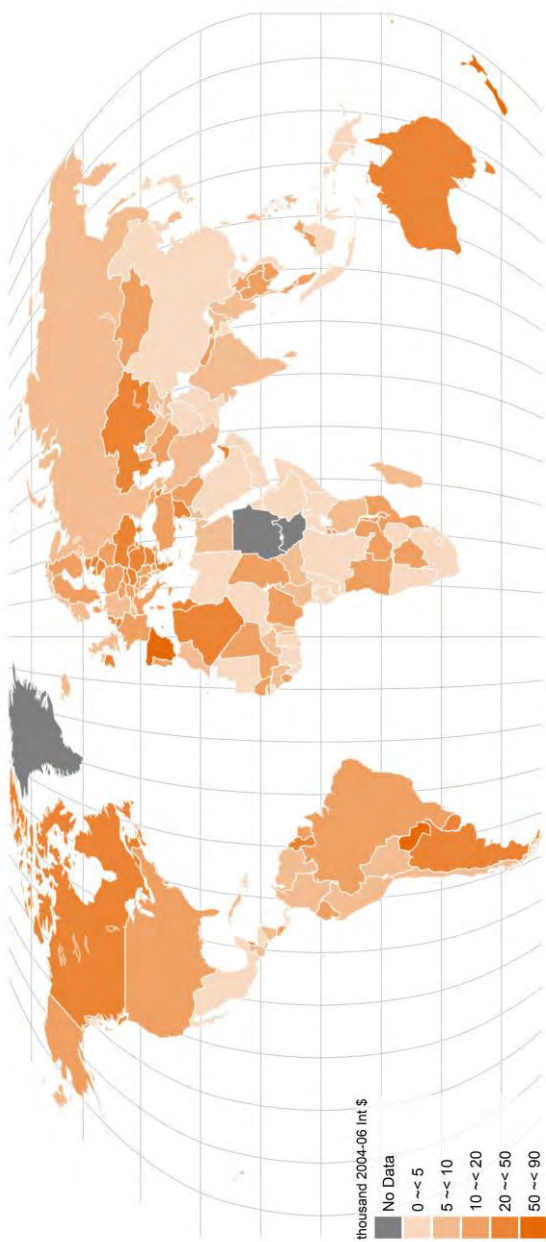


FIGURE 10: Per capita food production variability (2016)



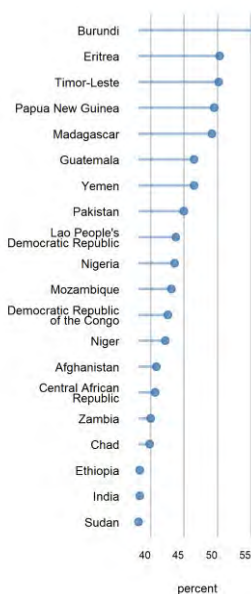
## Food utilization

Utilization emphasizes the nutritional aspects of food security. It is commonly understood as the way the body makes the most of nutrients from food. Sufficient energy and nutrient intake depend on nutritious, safe and diversified diets, a clean environment (safe water and improved sanitation facilities), access to health care, and intra-household distribution of food. Poor utilization of food can impose economic and social costs in countries at all economic levels.

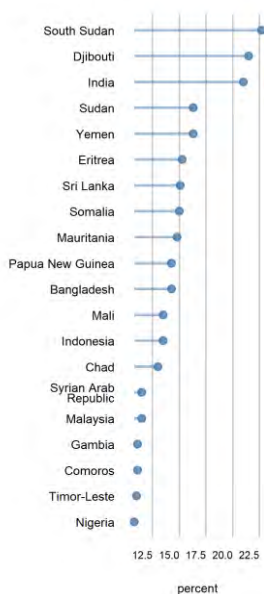
**TABLE 3: Countries with highest share of children under 5 who are stunted**

	Year	%
Burundi	2016	55.9
Eritrea	2010	50.3
Timor-Leste	2013	50.2
Papua New Guinea	2010	49.5
Madagascar	2009	49.2

**CHART 40: Stunting in children under 5, top 20 countries (2008–17\*)**



**CHART 41: Wasting in children under 5, top 20 countries (2008–17\*)**



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

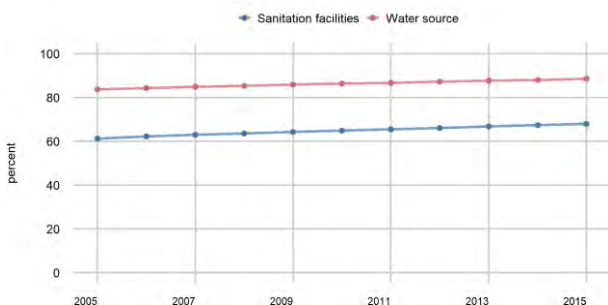


FIGURE 11: Prevalence of anaemia among women of reproductive age (2016)

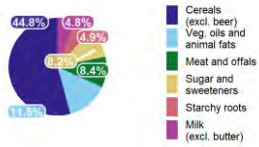


## Food supply

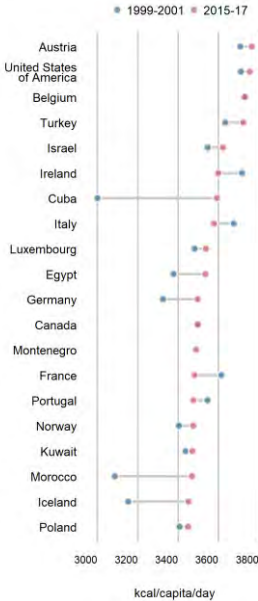
### Dietary energy supply

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.

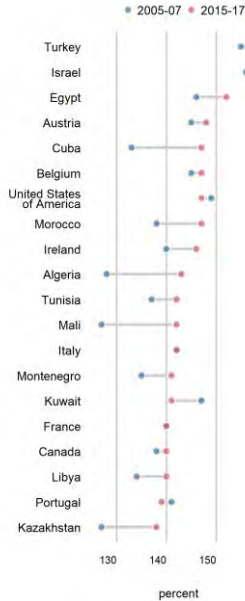
**CHART 43: Share of dietary energy supply, kcal/cap/day (2013)**



**CHART 44: Average dietary energy supply, top 20 countries (2015–17)**



**CHART 45: Average dietary energy supply adequacy, top 20 countries (2015–17)**



**CHART 46: Average dietary energy supply by region**

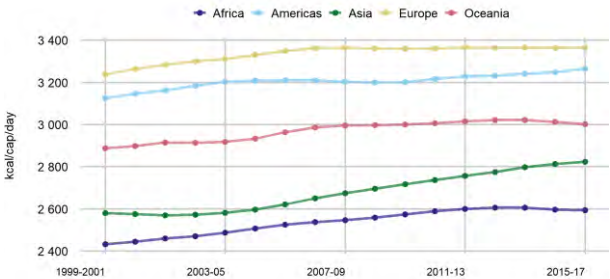
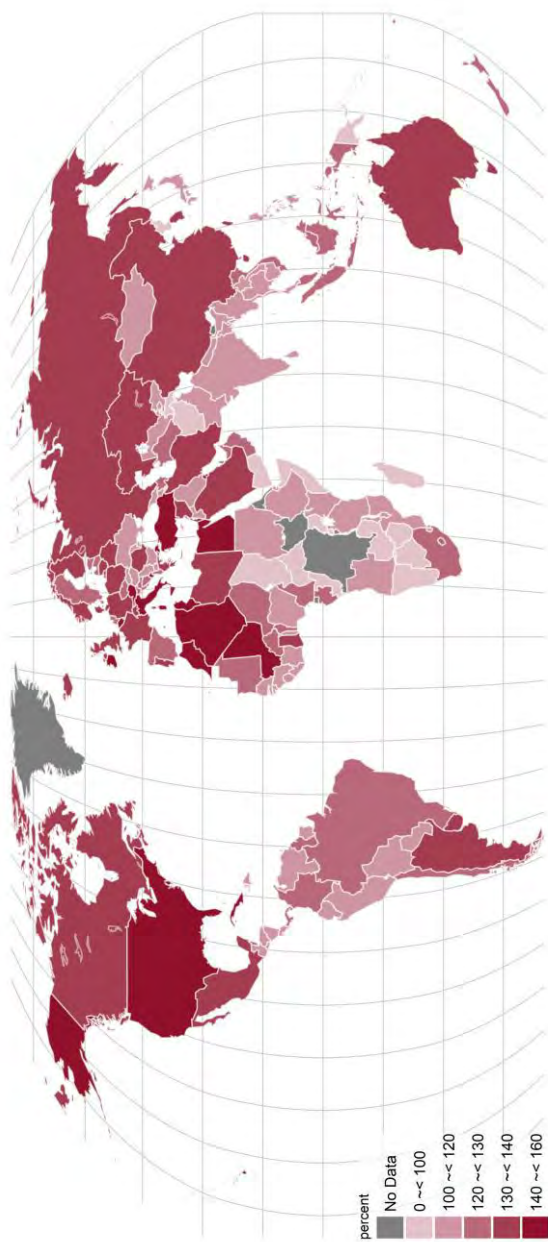


FIGURE 12: Average dietary energy supply adequacy (2015–17)



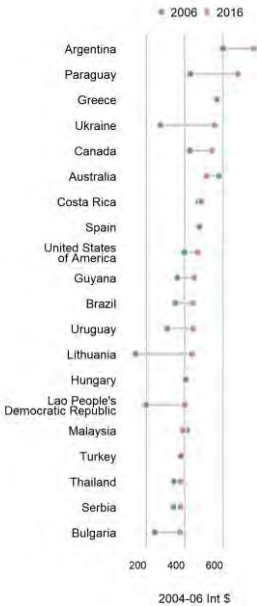
**Crop production**

The importance of crop production is related to harvested areas, returns per hectare (yields) and quantities produced. For the past five decades, growth in crop production has been driven mainly by a significant increase in yields per unit of land, together with crop intensification. Trends are not uniform across regions, however. Most of the growth in wheat and rice production in Asia and Northern Africa has been from gains in yield, while expansion of harvested land has led to production growth of maize in Latin America and sub-Saharan Africa, and this has had an impact on people in developing countries who depend on agriculture for their living standards.

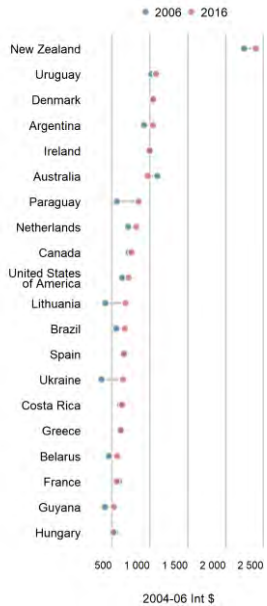
**TABLE 4: Production quantities: products with highest average annual growth rate (2006–16)**

	%
Quinoa	12.5
Gums, natural	11.6
Blueberries	8.2
Ginger	8.1
Mushrooms and truffles	7.5

**CHART 47: Top 20 crop producing countries based on net per capita crop production value (2016)**



**CHART 48: Top 20 food (excl. fish) producing countries based on net per capita food production value (2016)**



**CHART 49: Average annual growth in cereals production (2006–16)**

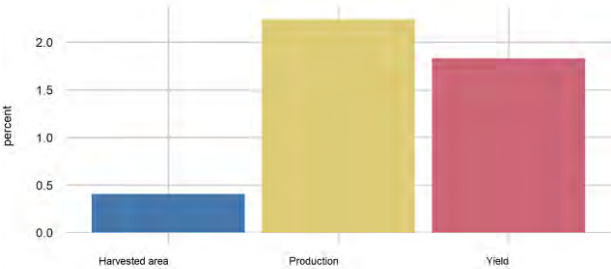
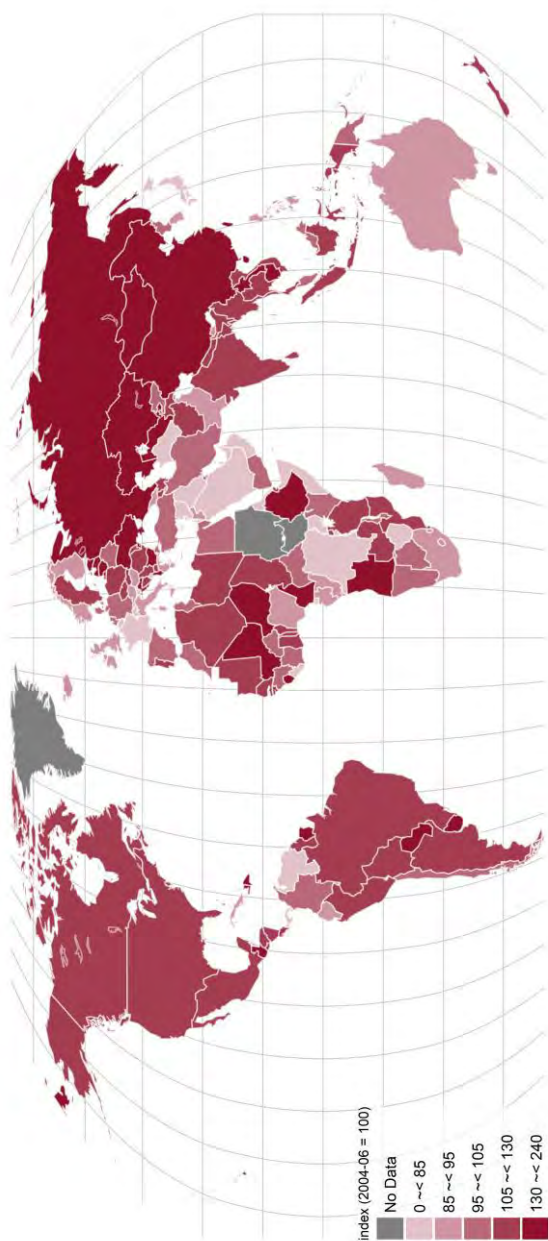


FIGURE 13: Crops, net per capita production index (2016)





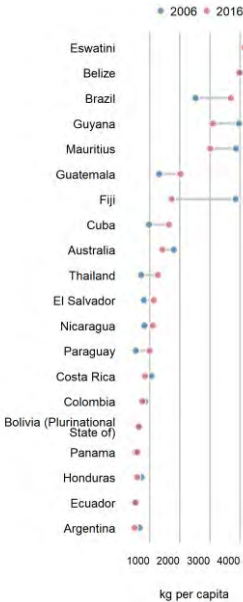
**Crop utilization**

Cereals, which include wheat, rice, barley, maize, rye, oats and millet, make up the bigger part of crop production. They continue to be the most important food source for human consumption. However, external factors, such as rising incomes and urbanization, are causing diets to become higher in protein, fats and sugar. In addition, livestock and biofuel production have grown at a faster rate than crop production, and will probably continue to do so. This is causing a shift away from crops such as wheat and rice, towards coarse grains and oilseeds to meet demands for food, feed and biofuel.

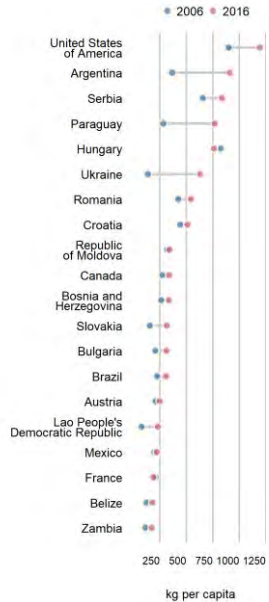
**TABLE 5: Top five items produced (2016)  
(thousand tonnes)**

	2006	2016
Sugar cane	1 417 376	1 890 662
Maize	707 932	1 060 107
Wheat	614 538	749 460
Rice, paddy	640 706	740 961
Potatoes	297 111	376 827

**CHART 50: Top 20 sugar cane producing countries per capita (2016)**



**CHART 51: Top 20 maize producing countries per capita (2016)**



**CHART 52: Cereals, yield**

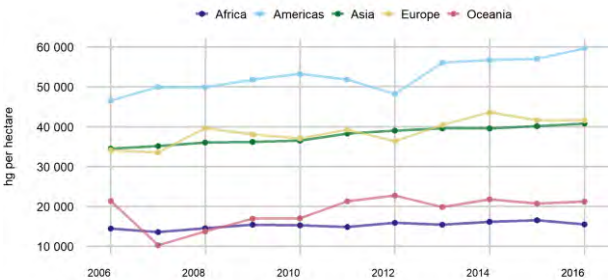


FIGURE 14: Cereal production (2016)



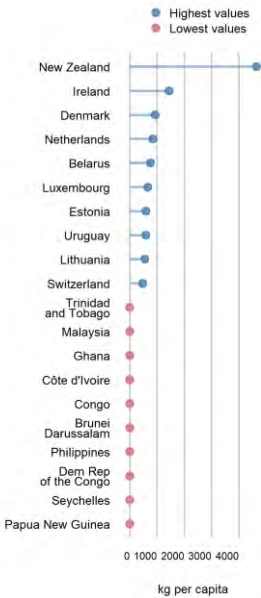
**Livestock**

The world food economy is being increasingly driven by the shift of diets towards animal-based products such as meat, milk and dairy. As a result, agriculture is being affected, not only through growth of livestock production, but also through linkages to other sectors that supply feeding stuffs, such as crops and fisheries. Global livestock production offers opportunities for agricultural development, poverty reduction and food security gains, but the rapid pace of change risks and systemic risks to the natural resources, including land use, need particular attention.

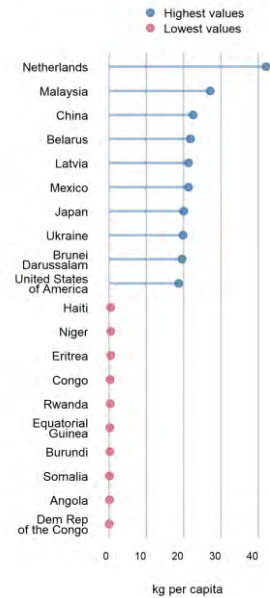
**TABLE 6: Live animal numbers, top five (2016) (thousand heads)**

	2006	2016
Chickens	17 591 486	22 705 417
Cattle	1 382 836	1 474 888
Ducks	1 102 437	1 241 388
Sheep	1 098 662	1 173 354
Goats	840 371	1 002 810

**CHART 53: Total milk production per capita, top and bottom 10 countries (2016)**



**CHART 54: Total egg production per capita, top and bottom 10 countries (2016)**



**CHART 55: Production of Chickens (most produced animal) (million heads)**

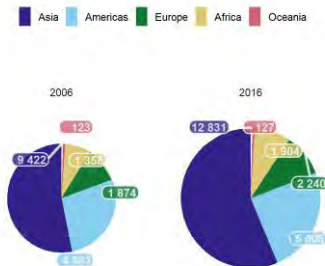
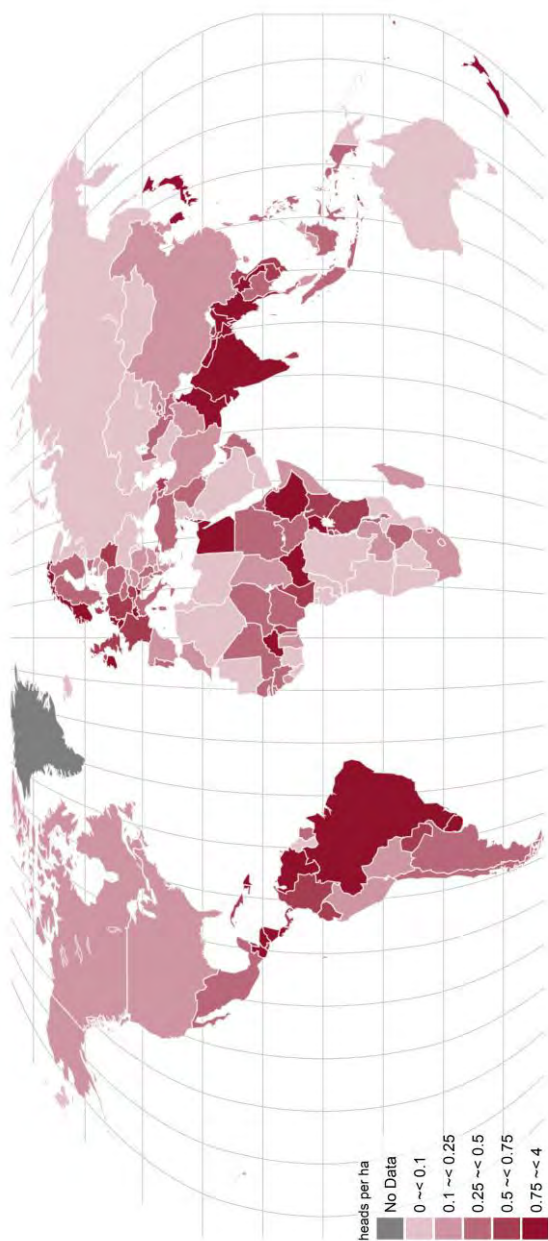


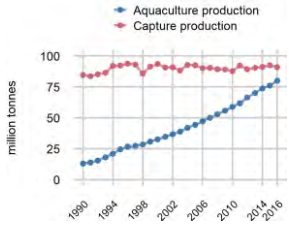
FIGURE 15: Cattle and buffaloes per hectare of agricultural area (2016)



**Fisheries and aquaculture**

Fish is an important component in people's diets, providing about 3.2 billion people with almost 20 percent of their average intake of animal protein. Capture fisheries continue to dominate world output, but aquaculture accounts for a growing percentage of total fish supply. Fishery and aquaculture sectors are particularly important in developing countries, providing both food and livelihoods.

**CHART 56: Fish production from aquaculture and capture fisheries**



**CHART 57: 20 countries with highest value of capture production (2016)**



**CHART 58: 20 countries with highest value of aquaculture production (2016)**



**CHART 59: Fish production indices**

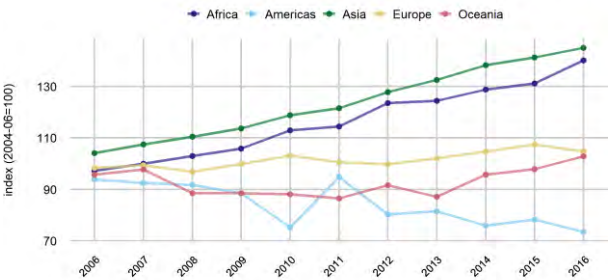
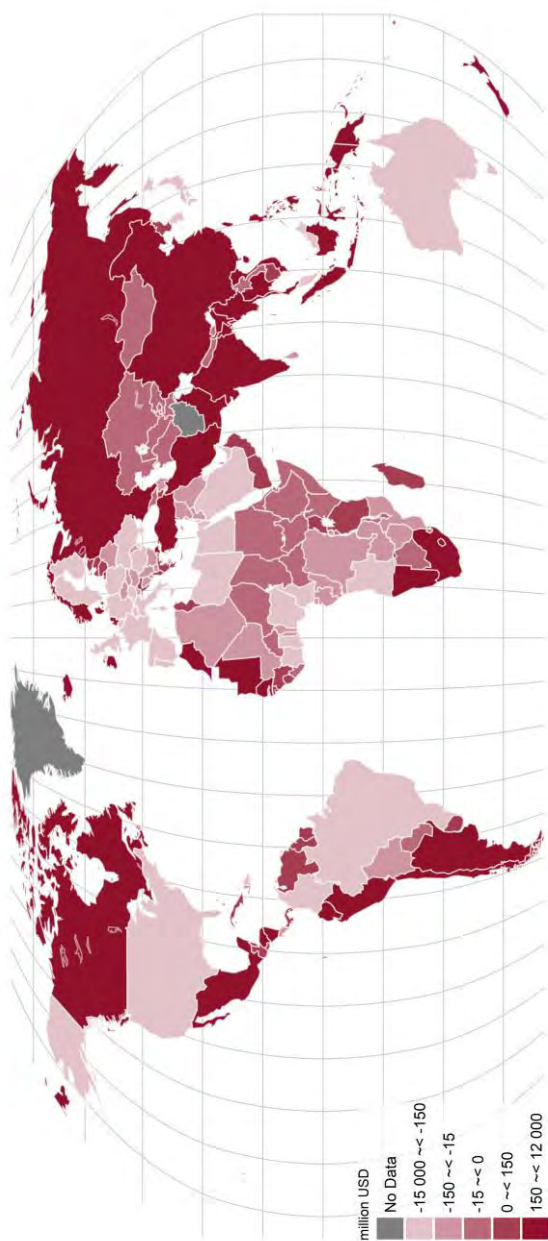


FIGURE 16: Net trade of fish (2016)



**Agricultural trade**

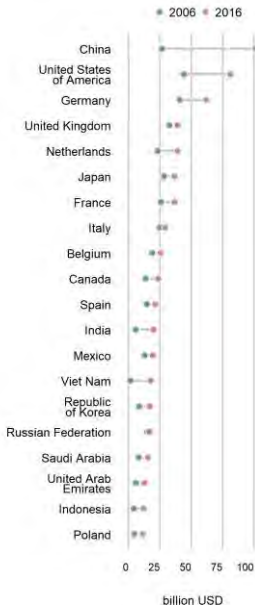
Most of the food consumed worldwide is grown locally. Where there is not enough local production to meet demand, trade has been instrumental in filling the gap. The scale of food and agricultural trade today is unprecedented. In real terms, the value of international flows has increased around fivefold over the past five decades, reflecting global trends in the overall volume of trade. However, this expansion has been unevenly distributed across regions. High-income countries have generally outpaced developing regions, although several of the latter have comparative advantages in food and agricultural production.

**TABLE 7: Export and import values of food (2016) (billion USD)**

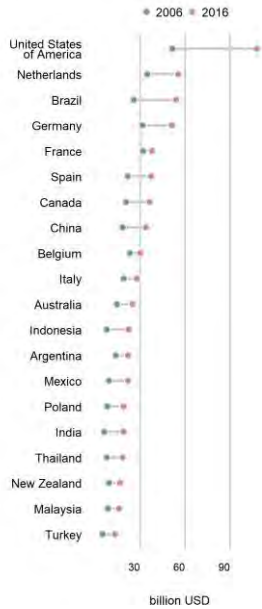
	Export	Import
Europe	382	378
Americas	285	167
Asia	183	345
Oceania	43	13
Africa	34	60

*Data for fish excluded from total food*

**CHART 60: Top 20 food (excl. fish) importing countries (2016)**



**CHART 61: Top 20 food (excl. fish) exporting countries (2016)**



**CHART 62: Cereal exports**

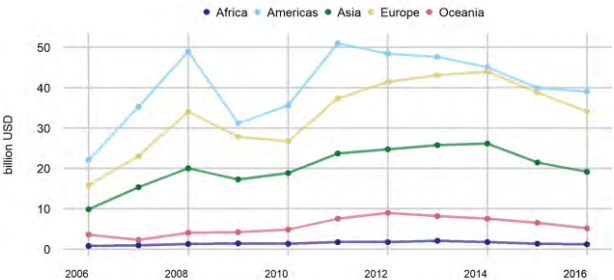
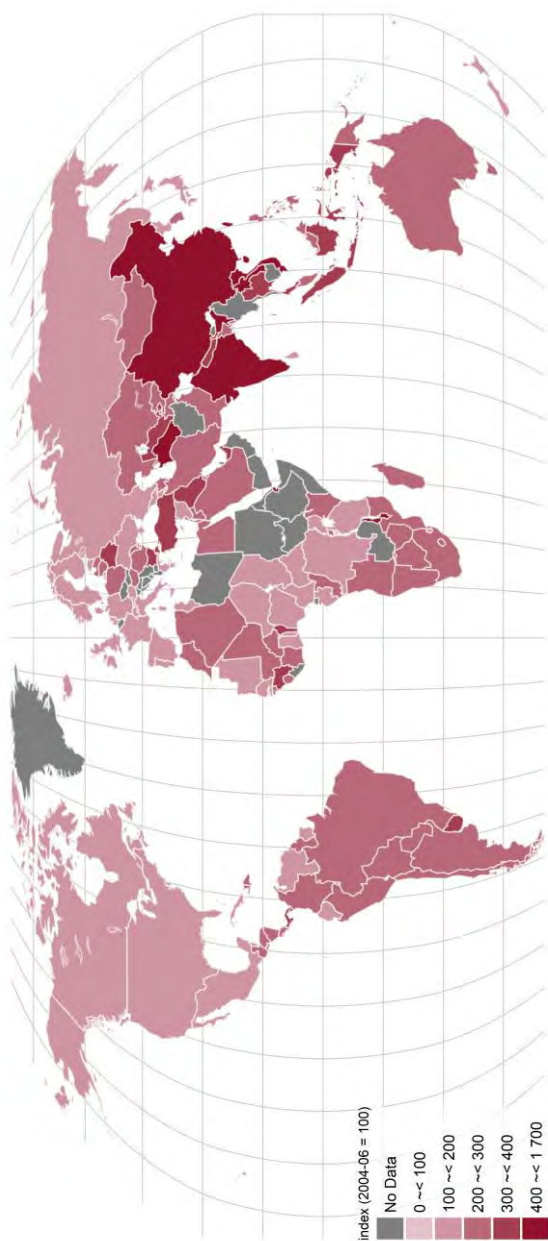


FIGURE 17: Food (excl. fish), import value index (2016)





Land

In 2016 agriculture used over one-third of total land area. Agriculture used more than 50 percent of total land in Asia, but less than 25 percent in Europe (Chart 63). Twenty countries represented more than 70 percent of total arable land (cropland used for annual crops such as cereals and soybean). India, United States of America, Russian Federation, China and Brazil alone reached 40 percent (Chart 64). A different set of 20 countries have over 70 percent of world permanent crops area (the portion of 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 70–80 percent of the agricultural land area in all regions (Chart 66).

CHART 63: Land area (2016)

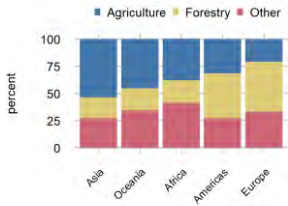


CHART 64: Arable land, top 20 countries (2016)



CHART 65: Permanent crops, top 20 countries (2016)

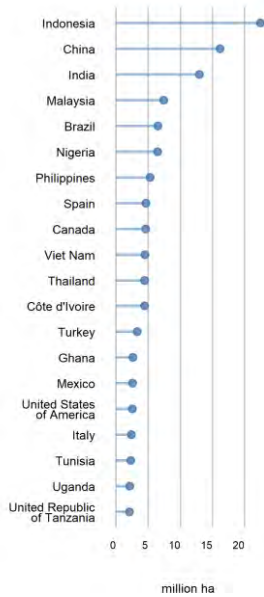


CHART 66: Agricultural area (2016)

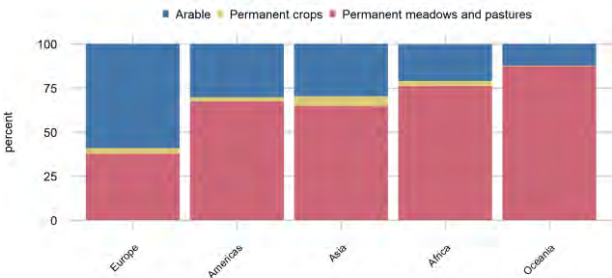


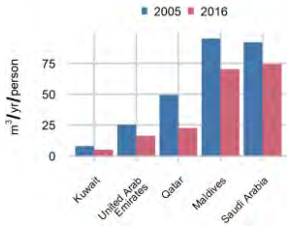
FIGURE 18: Cropland per capita (2016)



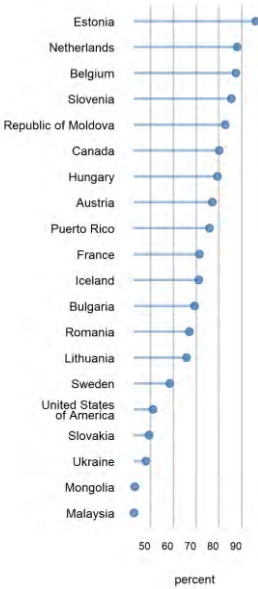
## Water

Global demand for water has risen sharply over the last century. Total annual water withdrawal from agriculture, municipalities and industries rose from less than 580 km<sup>3</sup> in 1900 to more than 3 900 km<sup>3</sup>, according to the latest available data. Agriculture accounts for approximately 70 percent of total freshwater withdrawal in the world, mostly through irrigation. This has been crucial for gains in food production because irrigation reduces drought risk and encourages crop diversification, thus also enhancing rural incomes. While irrigated agriculture represents about 20 percent of the cultivated land, it contributes to 40 percent of global food production.

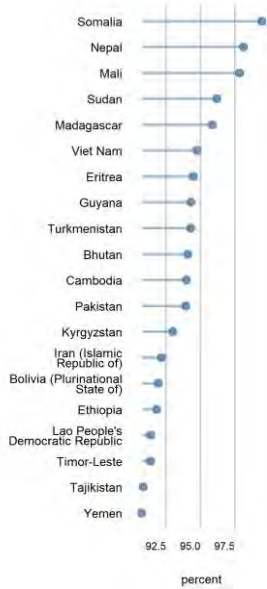
**CHART 67: Countries with the lowest renewable water resources per capita**



**CHART 68: Freshwater withdrawal by industrial sector, share of total, top 20 countries (2005–15)**



**CHART 69: Freshwater withdrawal by agricultural sector, share of total, top 20 countries (2006–16)**



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

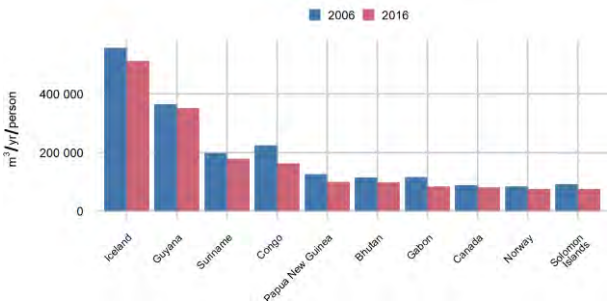
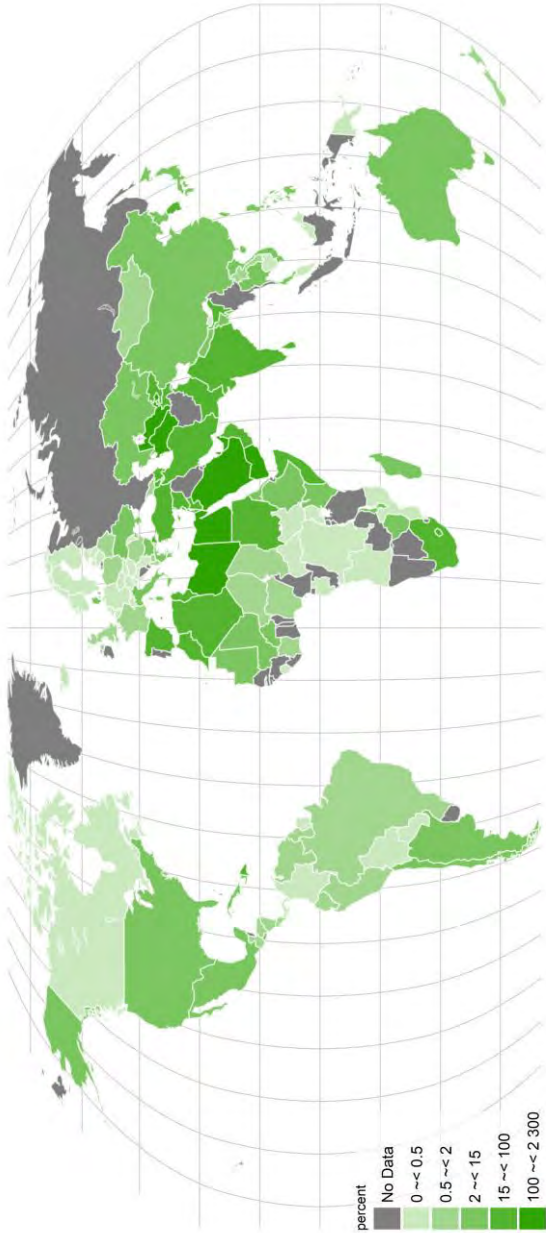


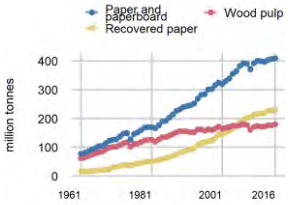
FIGURE 19: Freshwater resources withdrawn by agriculture (2006–16\*)



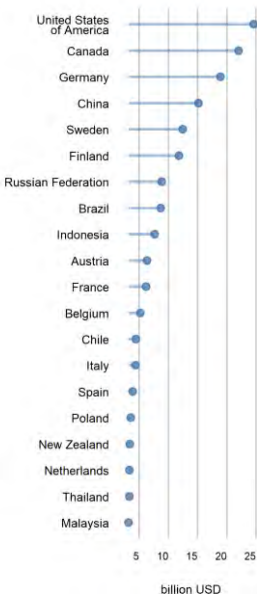
### Forestry

Forests make vital contributions to biodiversity. They also sustain a range of economic activities and act as a source of food, medicine and fuel for more than a billion people. The latest estimate of the world's total forest area is more than 4 billion hectares, corresponding to about 30 percent of total land area. But today forests face unprecedented pressures. Changes in land cover have caused the most pressing environmental issues in recent decades. The impact of deforestation and land use intensification, especially on soil degradation, has been significant.

**CHART 71: Production of selected forest products**



**CHART 72: Top 20 exporters of forest products (2016)**



**CHART 73: Top 20 importers of forest products (2016)**



**CHART 74: Forest characteristics (2016)**

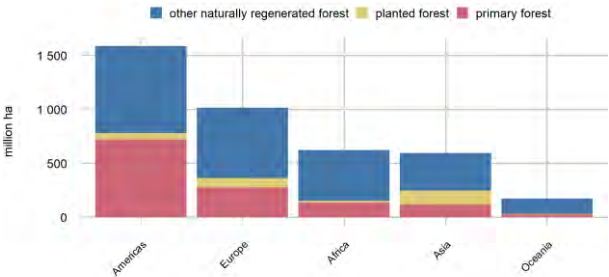


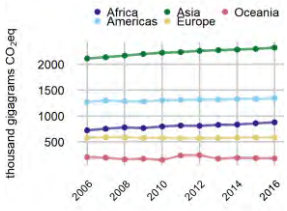
FIGURE 20: Forest area as share of total land area (2016)



**Greenhouse gas emissions**

Agriculture GHG emissions contributed about 5 billion metric tonnes of CO<sub>2</sub>eq to the atmosphere each year during the period 2005–16. Related land use activities, for instance deforestation or drainage of peatlands, released a similar amount (Chart 78). Together agriculture and land use represented one-fourth of world emissions. Twenty countries represented more than two-thirds of the agricultural total, with China, India, Brazil and the United States of America alone emitting 50 percent (Chart 76). Asia was the region with the largest share of emissions (Chart 75). A different set of 20 countries represented 85 percent of world total net emissions from land use, with the top four countries alone responsible for 50 percent (Chart 77).

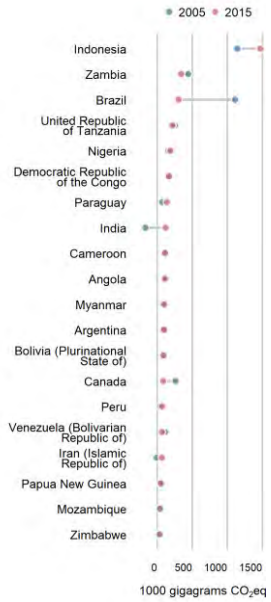
**CHART 75: Greenhouse gas emissions in agriculture**



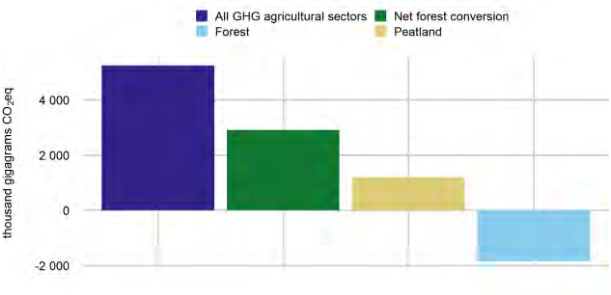
**CHART 76: Greenhouse gas emissions in agriculture, top 20 countries (2016)**



**CHART 77: Net greenhouse gas emissions/removals in forestry and other land use, top 20 countries (2015)**



**CHART 78: Emissions in agriculture, forestry and other land use (2015)**



**FIGURE 21: Total greenhouse gas emissions from agriculture, forestry and other land use (AFOLU) (2015)**









# World

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	5 751.5	6 542.2	7 550.3
Rural population, total (mill.)	3 173.8	3 315.1	3 373.5
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	1 168.9	1 254.3	1 384.8
Cropping intensity ratio	0.8	0.8	0.9
Total renew. water resources per cap. (m <sup>3</sup> )		6 900	5 740
Land area equipped for irrigation (1 000 ha)	271 826	310 118	334 272
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	41.3	35.2	26.7
Employment in agriculture, female (%)	42.7	37.1	27.5
Fertilizers use, nitrogen (1 000 t nutrients)		89 805.8	110 182.4
Fertilizers use, phosphate (1 000 t nutrients)		38 763.4	48 578.4
Fertilizers use, potash (1 000 t nutrients)		29 584.2	38 743.7
Agric. value added per worker (constant USD)	1 631	2 243	3 542
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 753	2 904
Average dietary energy supply adequacy (%)		115	120
Dietary energy supply, cereals/roots/tubers (%)		52	50
Prevalence of undernourishment (%)		14.5	10.9
Prevalence of severe food insecurity (%)			10.2
GDP per capita (USD, PPP)	8 125	11 698	15 080
Cereal import dependency ratio (%)		-0.6	-1.0
Stunting, children under 5 (%)		29.3	22.7
Wasting, children under 5 (%)			7.5
Safely managed drinking water (% pop. using)		66.1	71.2
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 394 325	1 803 254	2 323 632
Agriculture, value added (% GDP)	4	3	4
Food (excl. fish) exports (mill. USD)	297 998	453 509	926 686
Food (excl. fish) imports (mill. USD)	310 744	473 971	962 538
<b>Production indices (2004–06 = 100)</b>			
Food	77	100	129
Crops	76	100	132
Cereals	84	100	125
Vegetable oils	63	99	150
Roots and tubers	84	101	121
Fruit and vegetables	69	100	137
Sugar	89	97	134
Livestock	81	100	120
Milk	81	100	123
Meat	81	100	117
Fish	86	100	125
<b>Net trade (mill. USD)</b>			
Cereals and preparations			
Fruit and vegetables			
Meat and meat preparations			
Dairy products (milk equivalent)			
Fish			
<b>Environment</b>			
Forest area (% total land area)	31	31	31
Agricultural area (% total land area)	38	38	37
Freshwater withdrawal (% internal renewable)		9.0	
Terrestrial protected areas (% total land area)			14
Organic area (ha)			
Wood pellet production (1 000 t)			29 668
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	4 600 615	4 838 132	5 294 156
Net emissions in land use (CO <sub>2</sub> eq. Gg)	3 866 670	4 241 261	3 065 446

# Africa

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	722.9	924.8	1 256.3
Rural population, total (mill.)	479.6	580.8	718.0
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	170.6	213.2	255.8
Cropping intensity ratio	0.8	0.9	0.9
Total renew. water resources per cap. (m <sup>3</sup> )		4 600	3 213
Land area equipped for irrigation (1 000 ha)	12 449	14 302	15 790
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	62.4	58.6	53.2
Employment in agriculture, female (%)	67.3	63.0	55.9
Fertilizers use, nitrogen (1 000 t nutrients)		3 120.5	3 832.0
Fertilizers use, phosphate (1 000 t nutrients)		977.0	1 488.1
Fertilizers use, potash (1 000 t nutrients)		479.5	665.3
Agric. value added per worker (constant USD)	932	1 238	1 573
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 507	2 593
Average dietary energy supply adequacy (%)		105	106
Dietary energy supply, cereals/roots/tubers (%)		57	55
Prevalence of undernourishment (%)		21.2	20.4
Prevalence of severe food insecurity (%)			29.8
GDP per capita (USD, PPP)	3 033	3 940	4 635
Cereal import dependency ratio (%)		26.5	28.9
Stunting, children under 5 (%)		32.6	30.3
Wasting, children under 5 (%)			7.1
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	107 110	156 988	206 866
Agriculture, value added (% GDP)	15	14	16
Food (excl. fish) exports (mill. USD)	8 200	13 552	33 772
Food (excl. fish) imports (mill. USD)	17 241	26 385	59 791
<b>Production indices (2004–06 = 100)</b>			
Food	68	100	132
Crops	68	100	134
Cereals	69	100	132
Vegetable oils	68	100	142
Roots and tubers	66	100	133
Fruit and vegetables	67	99	132
Sugar	79	101	115
Livestock	70	101	119
Milk	64	101	119
Meat	72	100	118
Fish	75	102	140
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-6 930	-10 702	-22 374
Fruit and vegetables	1 269	2 327	7 982
Meat and meat preparations	-543	-1 553	-3 596
Dairy products (milk equivalent)	-1 604	-2 167	-3 515
Fish	1 658	1 869	1 528
<b>Environment</b>			
Forest area (% total land area)	23	22	21
Agricultural area (% total land area)	37	39	38
Freshwater withdrawal (% internal renewable)		5.0	
Terrestrial protected areas (% total land area)			14
Organic area (ha)			
Wood pellet production (1 000 t)			36
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	594 693	738 007	872 239
Net emissions in land use (CO <sub>2</sub> eq. Gg)	1 851 958	1 869 800	1 562 740

## Americas

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	782.0	889.2	1 006.8
Rural population, total (mill.)	198.8	196.0	192.8
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	242.1	262.4	298.1
Cropping intensity ratio	0.6	0.7	0.7
Total renew. water resources per cap. (m <sup>3</sup> )		22 851	19 618
Land area equipped for irrigation (1 000 ha)	46 052	49 606	52 248
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	14.7	12.2	9.4
Employment in agriculture, female (%)	8.7	7.3	4.8
Fertilizers use, nitrogen (1 000 t nutrients)		18 628.0	24 296.9
Fertilizers use, phosphate (1 000 t nutrients)		9 536.1	12 742.3
Fertilizers use, potash (1 000 t nutrients)		9 335.8	12 293.1
Agric. value added per worker (constant USD)	5 908	8 396	
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 208	3 265
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (%)		5.8	3.9
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)	21 481	25 934	28 296
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	341 451	441 044	560 367
Agriculture, value added (% GDP)	2	2	2
Food (excl. fish) exports (mill. USD)	81 112	125 115	285 318
Food (excl. fish) imports (mill. USD)	44 509	81 569	166 752
<b>Production indices (2004–06 = 100)</b>			
Food	77	100	127
Crops	76	100	131
Cereals	79	101	131
Vegetable oils	64	102	158
Roots and tubers	92	98	99
Fruit and vegetables	83	99	113
Sugar	79	96	150
Livestock	79	100	114
Milk	83	100	118
Meat	78	100	112
Fish	107	102	73
<b>Net trade (mill. USD)</b>			
Cereals and preparations	13 992	8 750	17 987
Fruit and vegetables	5 743	5 911	17 537
Meat and meat preparations	6 273	11 404	22 585
Dairy products (milk equivalent)	-1 675	-1 605	-1 227
Fish	3 365	1 612	68
<b>Environment</b>			
Forest area (% total land area)	43	42	41
Agricultural area (% total land area)	31	31	32
Freshwater withdrawal (% internal renewable)		4.0	
Terrestrial protected areas (% total land area)			18
Organic area (ha)			
Wood pellet production (1 000 t)			9 491
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	1 153 583	1 274 291	1 346 226
Net emissions in land use (CO <sub>2</sub> eq. Gg)	1 291 933	1 726 680	810 489

# Asia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	3 489.3	3 964.3	4 504.4
Rural population, total (mill.)	2 271.5	2 321.0	2 257.8
Govt. expenditure on agric. (% total outlays)		3.7	3.3
Area harvested, crops (mill. ha)	547.4	575.4	619.5
Cropping intensity ratio	1.0	1.0	1.1
Total renew. water resources per cap. (m <sup>3</sup> )		3 000	2 657
Land area equipped for irrigation (1 000 ha)	183 580	216 736	236 934
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	49.5	39.4	25.7
Employment in agriculture, female (%)	52.8	43.6	28.2
Fertilizers use, nitrogen (1 000 t nutrients)		53 854.5	64 954.1
Fertilizers use, phosphate (1 000 t nutrients)		22 234.5	28 862.9
Fertilizers use, potash (1 000 t nutrients)		15 064.9	21 455.4
Agric. value added per worker (constant USD)	1 174	1 697	3 503
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 596	2 824
Average dietary energy supply adequacy (%)		111	119
Dietary energy supply, cereals/roots/tubers (%)		59	55
Prevalence of undernourishment (%)		17.3	11.4
Prevalence of severe food insecurity (%)			6.9
GDP per capita (USD, PPP)	4 415	7 116	11 994
Cereal import dependency ratio (%)		8.3	8.2
Stunting, children under 5 (%)		27.1	23.2
Wasting, children under 5 (%)			9.7
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	630 659	875 322	1 185 192
Agriculture, value added (% GDP)	6	6	7
Food (excl. fish) exports (mill. USD)	44 745	69 827	183 102
Food (excl. fish) imports (mill. USD)	89 859	122 296	344 741
<b>Production indices (2004–06 = 100)</b>			
Food	72	100	136
Crops	74	100	136
Cereals	87	101	124
Vegetable oils	60	98	147
Roots and tubers	80	103	131
Fruit and vegetables	60	100	151
Sugar	97	96	132
Livestock	71	100	134
Milk	66	100	144
Meat	72	100	128
Fish	74	100	145
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-17 880	-14 816	-35 852
Fruit and vegetables	-1 014	3 562	-8 661
Meat and meat preparations	-10 201	-13 572	-36 186
Dairy products (milk equivalent)	-4 601	-6 235	-14 679
Fish	-6 886	-1 005	10 708
<b>Environment</b>			
Forest area (% total land area)	18	19	19
Agricultural area (% total land area)	53	53	54
Freshwater withdrawal (% internal renewable)		16.6	
Terrestrial protected areas (% total land area)			12
Organic area (ha)			
Wood pellet production (1 000 t)			3 381
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	1 932 086	2 066 937	2 317 909
Net emissions in land use (CO <sub>2</sub> eq. Gg)	822 033	925 201	1 276 253

## Europe

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	728.1	730.3	742.1
Rural population, total (mill.)	215.4	207.3	193.2
Govt. expenditure on agric. (% total outlays)		0.9	0.6
Area harvested, crops (mill. ha)	188.9	176.9	186.7
Cropping intensity ratio	0.6	0.6	0.6
Total renew. water resources per cap. (m <sup>3</sup> )		9 100	9 146
Land area equipped for irrigation (1 000 ha)	27 050	26 381	26 039
Agric. area actually irrigated (% agric. area)		3.6	4.9
Employment in agriculture (%)	11.6	8.7	5.9
Employment in agriculture, female (%)	10.6	7.7	4.6
Fertilizers use, nitrogen (1 000 t nutrients)		12 918.7	14 832.0
Fertilizers use, phosphate (1 000 t nutrients)		4 149.7	3 796.5
Fertilizers use, potash (1 000 t nutrients)		4 454.8	4 092.8
Agric. value added per worker (constant USD)	8 748	12 040	18 261
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 331	3 365
Average dietary energy supply adequacy (%)		132	134
Dietary energy supply, cereals/roots/tubers (%)		35	34
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			1.5
GDP per capita (USD, PPP)	21 602	28 218	31 764
Cereal import dependency ratio (%)		-7.3	-16.1
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		88.2	90.8
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	287 756	296 360	334 280
Agriculture, value added (% GDP)	3	2	2
Food (excl. fish) exports (mill. USD)	150 605	221 334	381 564
Food (excl. fish) imports (mill. USD)	156 175	237 574	378 333
<b>Production indices (2004–06 = 100)</b>			
Food	96	99	112
Crops	89	98	115
Cereals	83	99	119
Vegetable oils	69	97	148
Roots and tubers	120	98	97
Fruit and vegetables	90	98	109
Sugar	108	102	103
Livestock	103	100	106
Milk	100	100	102
Meat	105	100	108
Fish	118	100	105
<b>Net trade (mill. USD)</b>			
Cereals and preparations	4 819	7 938	24 766
Fruit and vegetables	-12 776	-20 471	-30 029
Meat and meat preparations	749	-2 201	6 649
Dairy products (milk equivalent)	5 069	5 827	9 581
Fish	-3 546	-7 276	-6 039
<b>Environment</b>			
Forest area (% total land area)	45	45	46
Agricultural area (% total land area)	22	21	21
Freshwater withdrawal (% internal renewable)		7.7	
Terrestrial protected areas (% total land area)			13
Organic area (ha)			
Wood pellet production (1 000 t)			16 600
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	720 520	587 867	578 933
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-136 149	-359 180	-556 764

# Oceania

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	29.2	33.6	40.7
Rural population, total (mill.)	8.6	9.9	11.8
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	19.8	26.4	24.7
Cropping intensity ratio	0.5	0.5	0.5
Total renew. water resources per cap. (m <sup>3</sup> )			28 924
Land area equipped for irrigation (1 000 ha)	2 695	3 093	3 261
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)			
Employment in agriculture, female (%)			
Fertilizers use, nitrogen (1 000 t nutrients)		1 284.2	2 267.4
Fertilizers use, phosphate (1 000 t nutrients)		1 866.0	1 688.6
Fertilizers use, potash (1 000 t nutrients)		249.2	237.1
Agric. value added per worker (constant USD)			
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 933	3 002
Average dietary energy supply adequacy (%)		119	122
Dietary energy supply, cereals/roots/tubers (%)		21	21
Prevalence of undernourishment (%)		5.5	7.0
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		28 837	32 698
Cereal import dependency ratio (%)		-143.7	-182.1
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	27 576	33 911	38 032
Agriculture, value added (% GDP)	4	3	3
Food (excl. fish) exports (mill. USD)	13 336	23 681	42 929
Food (excl. fish) imports (mill. USD)	2 961	6 148	12 921
<b>Production indices (2004–06 = 100)</b>			
Food	80	98	110
Crops	75	97	110
Cereals	72	88	90
Vegetable oils	59	98	161
Roots and tubers	82	100	107
Fruit and vegetables	73	101	107
Sugar	97	101	89
Livestock	86	100	108
Milk	71	99	117
Meat	89	101	106
Fish	70	104	103
<b>Net trade (mill. USD)</b>			
Cereals and preparations	1 498	2 771	4 825
Fruit and vegetables	837	778	2 812
Meat and meat preparations	4 138	7 926	11 330
Dairy products (milk equivalent)	2 544	5 014	8 456
Fish	1 293	1 164	1 227
<b>Environment</b>			
Forest area (% total land area)	21	21	20
Agricultural area (% total land area)	57	54	45
Freshwater withdrawal (% internal renewable)			
Terrestrial protected areas (% total land area)			17
Organic area (ha)			
Wood pellet production (1 000 t)			160
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	199 733	171 029	178 849
Net emissions in land use (CO <sub>2</sub> eq. Gg)	36 896	78 761	-27 272



# Afghanistan

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	17.1	25.1	35.5
Rural population, total (mill.)	14.1	19.2	24.2
Govt. expenditure on agric. (% total outlays)		4.7	4.9
Area harvested, crops (mill. ha)	3.1	3.5	3.5
Cropping intensity ratio	0.4	0.4	0.4
Total renewable water resources per cap. (m <sup>3</sup> )	3 623	2 525	1 885
Land area equipped for irrigation (1 000 ha)	3 199	3 208	3 208
Agric. area actually irrigated (% agric. area)		5.8	6.5
Employment in agriculture (%)	78.7	71.8	61.3
Employment in agriculture, female (%)	88.6	81.4	72.6
Fertilizers use, nitrogen (1 000 t nutrients)		25.1	92.6
Fertilizers use, phosphate (1 000 t nutrients)		8.0	1.5
Fertilizers use, potash (1 000 t nutrients)			0.0
Agric. value added per worker (constant USD)		724	769
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		1 960	2 024
Average dietary energy supply adequacy (%)		95	95
Dietary energy supply, cereals/roots/tubers (%)		76	75
Prevalence of undernourishment (%)		33.2	30.3
Prevalence of severe food insecurity (%)			16.0
GDP per capita (USD, PPP)		1 136	1 803
Cereal import dependency ratio (%)		19.2	22.0
Stunting, children under 5 (%)		59.3	40.9
Wasting, children under 5 (%)		8.6	9.5
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	2 452	3 055	3 604
Agriculture, value added (% GDP)	66	34	23
Food (excl. fish) exports (mill. USD)	27	74	382
Food (excl. fish) imports (mill. USD)	122	679	1 864
<b>Production indices (2004–06 = 100)</b>			
Food	85	106	125
Crops	81	109	148
Cereals	72	119	118
Vegetable oils	93	110	100
Roots and tubers	78	100	144
Fruit and vegetables	93	102	179
Sugar	65	69	32
Livestock	91	103	99
Milk	80	101	94
Meat	98	105	101
Fish	110	100	152
<b>Net trade (mill. USD)</b>			
Cereals and preparations			-835
Fruit and vegetables	25	28	54
Meat and meat preparations			-65
Dairy products (milk equivalent)			-81
Fish			
<b>Environment</b>			
Forest area (% total land area)	2	2	2
Agricultural area (% total land area)	58	58	58
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			0
Organic area (ha)		0	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	8 084	10 898	13 824
Net emissions in land use (CO <sub>2</sub> eq. Gg)	0	0	0

# Albania

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	3.1	3.1	2.9
Rural population, total (mill.)	2.1	1.7	1.3
Govt. expenditure on agric. (% total outlays)		2.7	2.7
Area harvested, crops (mill. ha)	0.4	0.3	0.3
Cropping intensity ratio	0.5	0.4	0.4
Total renewable water resources per cap. (m <sup>3</sup> )	9 767	10 030	10 320
Land area equipped for irrigation (1 000 ha)	340	362	354
Agric. area actually irrigated (% agric. area)		18.1	19.6
Employment in agriculture (%)	70.3	54.0	40.7
Employment in agriculture, female (%)	79.2	67.4	47.3
Fertilizers use, nitrogen (1 000 t nutrients)		36.9	42.9
Fertilizers use, phosphate (1 000 t nutrients)		23.0	34.5
Fertilizers use, potash (1 000 t nutrients)		0.1	0.8
Agric. value added per worker (constant USD)	2 013	3 015	5 442
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 840	3 223
Average dietary energy supply adequacy (%)		116	129
Dietary energy supply, cereals/roots/tubers (%)		43	38
Prevalence of undernourishment (%)		10.9	5.5
Prevalence of severe food insecurity (%)			10.5
GDP per capita (USD, PPP)		7 733	11 356
Cereal import dependency ratio (%)		50.9	40.2
Stunting, children under 5 (%)		27.0	
Wasting, children under 5 (%)		7.3	
Safely managed drinking water (% pop. using)		52.5	68.9
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	791	906	1 397
Agriculture, value added (% GDP)	57	19	20
Food (excl. fish) exports (mill. USD)	1	5	84
Food (excl. fish) imports (mill. USD)	140	346	481
<b>Production indices (2004–06 = 100)</b>			
Food	85	98	151
Crops	81	97	182
Cereals	127	101	138
Vegetable oils	89	71	225
Roots and tubers	71	103	174
Fruit and vegetables	70	99	191
Sugar	155	92	80
Livestock	89	99	113
Milk	92	100	106
Meat	91	96	114
Fish	25	96	131
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-27	-107	-165
Fruit and vegetables	-18	-80	-16
Meat and meat preparations	-22	-44	-46
Dairy products (milk equivalent)	-8	-12	-23
Fish	0	3	9
<b>Environment</b>			
Forest area (% total land area)	28	29	28
Agricultural area (% total land area)	41	39	43
Freshwater withdrawal (% tot renewable)		4.3	
Terrestrial protected areas (% total land area)			17
Organic area (ha)		1	1
Wood pellet production (1 000 t)			5
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	3 901	3 277	2 867
Net emissions in land use (CO <sub>2</sub> eq. Gg)	145	890	-325

# Algeria

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	28.9	33.3	41.3
Rural population, total (mill.)	12.9	12.3	11.8
Govt. expenditure on agric. (% total outlays)		4.2	
Area harvested, crops (mill. ha)	3.7	3.8	3.8
Cropping intensity ratio	0.5	0.5	0.4
Total renewable water resources per cap. (m <sup>3</sup> )	391	341	287
Land area equipped for irrigation (1 000 ha)	558	980	1 360
Agric. area actually irrigated (% agric. area)		2.0	2.8
Employment in agriculture (%)	22.5	20.0	12.7
Employment in agriculture, female (%)	12.1	14.2	9.6
Fertilizers use, nitrogen (1 000 t nutrients)		4.1	97.1
Fertilizers use, phosphate (1 000 t nutrients)		32.5	44.4
Fertilizers use, potash (1 000 t nutrients)		19.2	23.7
Agric. value added per worker (constant USD)	4 995	5 935	14 369
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 998	3 272
Average dietary energy supply adequacy (%)		128	143
Dietary energy supply, cereals/roots/tubers (%)		59	55
Prevalence of undernourishment (%)		8.8	4.7
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		12 323	13 921
Cereal import dependency ratio (%)		70.5	72.2
Stunting, children under 5 (%)		15.9	
Wasting, children under 5 (%)		4.0	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	3 636	5 857	8 995
Agriculture, value added (% GDP)	10	8	12
Food (excl. fish) exports (mill. USD)	92	86	373
Food (excl. fish) imports (mill. USD)	2 778	3 455	7 388
<b>Production indices (2004–06 = 100)</b>			
Food	61	99	152
Crops	55	98	154
Cereals	52	91	89
Vegetable oils	41	91	194
Roots and tubers	56	104	233
Fruit and vegetables	57	100	155
Sugar			
Livestock	72	100	147
Milk	48	99	164
Meat	88	100	127
Fish	82	98	75
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-1 245	-1 442	-3 021
Fruit and vegetables	-131	-266	-797
Meat and meat preparations	-63	-221	-240
Dairy products (milk equivalent)	-475	-734	-976
Fish	-28	-10	-103
<b>Environment</b>			
Forest area (% total land area)	1	1	1
Agricultural area (% total land area)	17	17	17
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			8
Organic area (ha)		1	1
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	7 071	8 235	11 762
Net emissions in land use (CO <sub>2</sub> eq. Gg)	972	581	-340

# Angola

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	14.3	19.6	29.8
Rural population, total (mill.)	8.6	10.6	13.2
Govt. expenditure on agric. (% total outlays)		1.7	0.8
Area harvested, crops (mill. ha)	1.8	3.4	4.7
Cropping intensity ratio	0.5	0.9	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	10 752	7 736	5 150
Land area equipped for irrigation (1 000 ha)	80	86	86
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	42.0	37.5	49.2
Employment in agriculture, female (%)	51.5	45.4	56.2
Fertilizers use, nitrogen (1 000 t nutrients)		3.7	25.4
Fertilizers use, phosphate (1 000 t nutrients)		1.5	5.4
Fertilizers use, potash (1 000 t nutrients)		2.3	8.3
Agric. value added per worker (constant USD)			
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		1 757	2 259
Average dietary energy supply adequacy (%)		84	108
Dietary energy supply, cereals/roots/tubers (%)		63	58
Prevalence of undernourishment (%)		54.8	23.9
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		3 988	5 973
Cereal import dependency ratio (%)		61.8	64.1
Stunting, children under 5 (%)		29.2	37.6
Wasting, children under 5 (%)		8.2	4.9
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	958	2 120	4 018
Agriculture, value added (% GDP)	7	5	8
Food (excl. fish) exports (mill. USD)	0	3	20
Food (excl. fish) imports (mill. USD)	314	934	2 047
<b>Production indices (2004–06 = 100)</b>			
Food	46	102	193
Crops	39	102	209
Cereals	39	115	202
Vegetable oils	67	104	155
Roots and tubers	29	100	129
Fruit and vegetables	47	99	380
Sugar	87	91	147
Livestock	71	103	139
Milk	76	104	111
Meat	65	102	153
Fish	55	91	219
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-89	-308	-683
Fruit and vegetables	-24	-90	-150
Meat and meat preparations	-55	-225	-505
Dairy products (milk equivalent)	-33	-17	-154
Fish	-4	-17	-166
<b>Environment</b>			
Forest area (% total land area)	48	47	46
Agricultural area (% total land area)	46	46	47
Freshwater withdrawal (% tot renewable)		0.5	
Terrestrial protected areas (% total land area)			7
Organic area (ha)			0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	26 418	30 754	31 143
Net emissions in land use (CO <sub>2</sub> eq. Gg)	108 083	122 026	107 837

## Antigua and Barbuda

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	0.1	0.1	0.1
Rural population, total (mill.)	0.0	0.1	0.1
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.4	0.5	0.5
Total renewable water resources per cap. (m <sup>3</sup> )	720	616	515
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 (1 000 t nutrients)		0.0	0.0
Fertilizers use, phosphate (1 000 t nutrients)		0.0	0.0
Fertilizers use, potash (1 000 t nutrients)		0.0	0.0
Agric. value added per worker (constant USD)			
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 256	2 317
Average dietary energy supply adequacy (%)		94	95
Dietary energy supply, cereals/roots/tubers (%)		28	28
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		20 290	21 013
Cereal import dependency ratio (%)		100.0	100.0
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	9	9	7
Agriculture, value added (% GDP)	2	2	2
Food (excl. fish) exports (mill. USD)	0	0	0
Food (excl. fish) imports (mill. USD)	24	65	77
<b>Production indices (2004–06 = 100)</b>			
Food	92	95	70
Crops	102	89	112
Cereals	72	99	122
Vegetable oils	92	100	121
Roots and tubers	60	100	151
Fruit and vegetables	103	89	111
Sugar			
Livestock	84	101	33
Milk	85	100	37
Meat	84	102	23
Fish	56	104	107
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-5	-11	-13
Fruit and vegetables	-3	-15	-17
Meat and meat preparations	-8	-16	-18
Dairy products (milk equivalent)	-3	-9	-8
Fish	-1	-5	-6
<b>Environment</b>			
Forest area (% total land area)	23	22	22
Agricultural area (% total land area)	20	20	20
Freshwater withdrawal (% tot renewable)		9.8	
Terrestrial protected areas (% total land area)			19
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	40	41	19
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-18	-4	7

# Argentina

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	35.0	39.1	44.3
Rural population, total (mill.)	4.1	3.8	3.4
Govt. expenditure on agric. (% total outlays)		0.4	0.4
Area harvested, crops (mill. ha)	20.5	28.4	36.8
Cropping intensity ratio	0.7	0.8	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	24 452	21 921	19 983
Land area equipped for irrigation (1 000 ha)	1 550	1 820	2 360
Agric. area actually irrigated (% agric. area)		1.0	
Employment in agriculture (%)	0.6	1.3	0.6
Employment in agriculture, female (%)	0.4	0.7	0.2
Fertilizers use, nitrogen (1 000 t nutrients)		640.4	905.7
Fertilizers use, phosphate (1 000 t nutrients)		513.2	1 024.9
Fertilizers use, potash (1 000 t nutrients)		43.9	42.6
Agric. value added per worker (constant USD)	271 610	138 113	305 181
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 083	3 250
Average dietary energy supply adequacy (%)		128	135
Dietary energy supply, cereals/roots/tubers (%)		36	35
Prevalence of undernourishment (%)		4.7	3.8
Prevalence of severe food insecurity (%)			8.7
GDP per capita (USD, PPP)		15 519	18 585
Cereal import dependency ratio (%)		-172.4	-225.3
Stunting, children under 5 (%)		8.2	
Wasting, children under 5 (%)		1.2	
Safely managed drinking water (% pop. using)		98.0	98.5
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	26 160	36 932	45 670
Agriculture, value added (% GDP)	5	8	6
Food (excl. fish) exports (mill. USD)	7 854	13 099	22 215
Food (excl. fish) imports (mill. USD)	775	586	1 495
<b>Production indices (2004–06 = 100)</b>			
Food	74	104	129
Crops	66	106	145
Cereals	73	115	183
Vegetable oils	59	105	149
Roots and tubers	122	95	92
Fruit and vegetables	90	102	90
Sugar	74	102	92
Livestock	91	102	107
Milk	92	104	104
Meat	91	102	107
Fish	115	92	75
<b>Net trade (mill. USD)</b>			
Cereals and preparations	1 929	3 075	7 652
Fruit and vegetables	785	1 428	2 400
Meat and meat preparations	1 104	1 597	1 439
Dairy products (milk equivalent)	213	584	619
Fish	837	742	1 517
<b>Environment</b>			
Forest area (% total land area)	12	11	10
Agricultural area (% total land area)	47	50	54
Freshwater withdrawal (% tot renewable)	3.3		
Terrestrial protected areas (% total land area)			9
Organic area (ha)		2 682	2 844
Wood pellet production (1 000 t)			6
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	105 893	116 989	112 151
Net emissions in land use (CO <sub>2</sub> eq. Gg)	70 359	91 645	100 293

# Armenia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	3.2	3.0	2.9
Rural population, total (mill.)	1.1	1.1	1.1
Govt. expenditure on agric. (% total outlays)			3.3
Area harvested, crops (mill. ha)	0.2	0.3	0.3
Cropping intensity ratio	0.5	0.6	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	2 476	2 600	2 656
Land area equipped for irrigation (1 000 ha)	280	274	274
Agric. area actually irrigated (% agric. area)		9.6	9.2
Employment in agriculture (%)	51.7	40.6	34.1
Employment in agriculture, female (%)	54.6	47.1	38.3
Fertilizers use, nitrogen (1 000 t nutrients)		10.3	48.1
Fertilizers use, phosphate (1 000 t nutrients)		0.0	0.4
Fertilizers use, potash (1 000 t nutrients)		0.0	0.8
Agric. value added per worker (constant USD)	1 422	3 470	6 161
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 659	2 928
Average dietary energy supply adequacy (%)		109	120
Dietary energy supply, cereals/roots/tubers (%)		51	40
Prevalence of undernourishment (%)		7.8	4.3
Prevalence of severe food insecurity (%)			3.8
GDP per capita (USD, PPP)		5 357	8 190
Cereal import dependency ratio (%)		55.2	60.1
Stunting, children under 5 (%)		18.2	9.4
Wasting, children under 5 (%)		5.5	4.2
Safely managed drinking water (% pop. using)		43.9	60.6
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	518	946	1 181
Agriculture, value added (% GDP)	38	18	16
Food (excl. fish) exports (mill. USD)	2	14	109
Food (excl. fish) imports (mill. USD)	204	198	390
<b>Production indices (2004–06 = 100)</b>			
Food	59	108	135
Crops	59	113	125
Cereals	67	115	180
Vegetable oils	101	55	427
Roots and tubers	76	101	100
Fruit and vegetables	56	115	122
Sugar	6	120	503
Livestock	57	100	144
Milk	32	103	156
Meat	84	96	142
Fish	170	87	1 763
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-66	-68	-103
Fruit and vegetables	-9	-11	25
Meat and meat preparations	-12	-27	-38
Dairy products (milk equivalent)	-40	-10	-20
Fish	-1	-1	7
<b>Environment</b>			
Forest area (% total land area)	12	12	12
Agricultural area (% total land area)	44	56	59
Freshwater withdrawal (% tot renewable)	37.7	36.8	42.1
Terrestrial protected areas (% total land area)			23
Organic area (ha)		0	1
Wood pellet production (1 000 t)			0
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	1 013	1 147	1 454
Net emissions in land use (CO <sub>2</sub> eq. Gg)	129	118	-146

# Australia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	18.1	20.2	24.5
Rural population, total (mill.)	2.5	2.5	2.5
Govt. expenditure on agric. (% total outlays)		0.8	0.5
Area harvested, crops (mill. ha)	18.2	24.6	22.7
Cropping intensity ratio	0.5	0.5	0.5
Total renewable water resources per cap. (m <sup>3</sup> )	26 576	23 455	20 393
Land area equipped for irrigation (1 000 ha)	2 400	2 545	2 546
Agric. area actually irrigated (% agric. area)		0.5	0.6
Employment in agriculture (%)	4.9	3.6	2.6
Employment in agriculture, female (%)	3.6	2.5	1.7
Fertilizers use, nitrogen (1 000 t nutrients)		952.3	1 807.7
Fertilizers use, phosphate (1 000 t nutrients)		1 041.6	1 143.5
Fertilizers use, potash (1 000 t nutrients)		222.0	184.8
Agric. value added per worker (constant USD)	32 999	63 929	79 293
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 103	3 287
Average dietary energy supply adequacy (%)		124	132
Dietary energy supply, cereals/roots/tubers (%)		24	25
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			3.2
GDP per capita (USD, PPP)		38 928	44 494
Cereal import dependency ratio (%)		-164.8	-214.8
Stunting, children under 5 (%)		2.0	
Wasting, children under 5 (%)		0.0	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	17 957	21 791	23 469
Agriculture, value added (% GDP)	3	3	2
Food (excl. fish) exports (mill. USD)	8 223	13 861	25 107
Food (excl. fish) imports (mill. USD)	1 548	3 713	8 239
<b>Production indices (2004–06 = 100)</b>			
Food	81	98	106
Crops	73	96	107
Cereals	71	88	89
Vegetable oils	47	103	178
Roots and tubers	85	100	91
Fruit and vegetables	63	103	97
Sugar	94	101	92
Livestock	92	101	102
Milk	84	100	76
Meat	88	102	112
Fish	85	105	101
<b>Net trade (mill. USD)</b>			
Cereals and preparations	1 742	2 994	4 966
Fruit and vegetables	258	48	1 176
Meat and meat preparations	2 685	4 946	7 679
Dairy products (milk equivalent)	902	1 541	945
Fish	428	111	-433
<b>Environment</b>			
Forest area (% total land area)	17	17	16
Agricultural area (% total land area)	60	58	48
Freshwater withdrawal (% tot renewable)	4.5	3.8	3.4
Terrestrial protected areas (% total land area)			17
Organic area (ha)		11 716	27 145
Wood pellet production (1 000 t)			110
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	153 097	124 514	132 543
Net emissions in land use (CO <sub>2</sub> eq. Gg)	1 237	44 741	-66 377



## Austria

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	8.0	8.3	8.7
Rural population, total (mill.)	2.7	2.8	2.9
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	1.1	1.1	1.1
Cropping intensity ratio	0.8	0.8	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	9 694	9 360	8 919
Land area equipped for irrigation (1 000 ha)	96	120	100
Agric. area actually irrigated (% agric. area)		1.4	1.4
Employment in agriculture (%)	7.3	5.3	4.3
Employment in agriculture, female (%)	8.2	5.3	3.9
Fertilizers use, nitrogen (1 000 t nutrients)		101.8	116.6
Fertilizers use, phosphate (1 000 t nutrients)		38.6	39.8
Fertilizers use, potash (1 000 t nutrients)		47.0	34.3
Agric. value added per worker (constant USD)	16 608	24 256	28 957
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 655	3 768
Average dietary energy supply adequacy (%)		144	148
Dietary energy supply, cereals/roots/tubers (%)		27	26
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			1.2
GDP per capita (USD, PPP)		41 283	44 464
Cereal import dependency ratio (%)		-4.6	10.5
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		98.1	98.7
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	3 846	4 040	4 096
Agriculture, value added (% GDP)	2	1	1
Food (excl. fish) exports (mill. USD)	1 716	5 051	7 872
Food (excl. fish) imports (mill. USD)	2 923	5 952	9 351
<b>Production indices (2004–06 = 100)</b>			
Food	95	100	101
Crops	90	99	91
Cereals	89	100	118
Vegetable oils	143	94	124
Roots and tubers	102	109	110
Fruit and vegetables	84	94	55
Sugar	102	109	125
Livestock	97	101	108
Milk	100	99	123
Meat	95	102	100
Fish	120	101	138
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-85	-47	-18
Fruit and vegetables	-818	-969	-1 482
Meat and meat preparations	-22	192	334
Dairy products (milk equivalent)	46	418	404
Fish	-170	-256	-487
<b>Environment</b>			
Forest area (% total land area)	46	47	47
Agricultural area (% total land area)	36	35	32
Freshwater withdrawal (% tot renewable)	4.7	4.7	
Terrestrial protected areas (% total land area)			28
Organic area (ha)		480	571
Wood pellet production (1 000 t)			1 071
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	7 866	6 875	6 783
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-11 858	-7 092	-4 892

## Azerbaijan

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	7.8	8.5	9.8
Rural population, total (mill.)	3.7	4.1	4.4
Govt. expenditure on agric. (% total outlays)		2.5	2.7
Area harvested, crops (mill. ha)	1.1	1.2	1.4
Cropping intensity ratio	0.5	0.6	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	4 378	3 958	3 566
Land area equipped for irrigation (1 000 ha)	1 454	1 433	1 439
Agric. area actually irrigated (% agric. area)		30.1	29.8
Employment in agriculture (%)	44.9	40.5	36.3
Employment in agriculture, female (%)	45.2	44.6	42.1
Fertilizers use, nitrogen (1 000 t nutrients)		17.6	26.4
Fertilizers use, phosphate (1 000 t nutrients)		3.2	0.5
Fertilizers use, potash (1 000 t nutrients)		3.8	1.3
Agric. value added per worker (constant USD)	1 064	1 768	2 139
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 829	3 131
Average dietary energy supply adequacy (%)		117	130
Dietary energy supply, cereals/roots/tubers (%)		66	62
Prevalence of undernourishment (%)		5.5	<2.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		8 052	16 001
Cereal import dependency ratio (%)		38.2	38.4
Stunting, children under 5 (%)		26.8	18.0
Wasting, children under 5 (%)		6.8	3.1
Safely managed drinking water (% pop. using)		56.8	71.5
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	991	1 848	2 649
Agriculture, value added (% GDP)	25	9	6
Food (excl. fish) exports (mill. USD)	14	234	375
Food (excl. fish) imports (mill. USD)	253	328	871
<b>Production indices (2004–06 = 100)</b>			
Food	55	103	148
Crops	58	107	122
Cereals	42	100	143
Vegetable oils	91	116	78
Roots and tubers	17	109	88
Fruit and vegetables	56	103	135
Sugar	32	42	360
Livestock	62	101	182
Milk	73	101	177
Meat	50	100	189
Fish	140	120	17
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-43	-157	-402
Fruit and vegetables	-1	166	242
Meat and meat preparations	-35	-24	-44
Dairy products (milk equivalent)	-40	-15	-81
Fish	0	2	-23
<b>Environment</b>			
Forest area (% total land area)	10	11	14
Agricultural area (% total land area)	54	58	58
Freshwater withdrawal (% tot renewable)	36.1	35.2	
Terrestrial protected areas (% total land area)			10
Organic area (ha)		20	38
Wood pellet production (1 000 t)			0
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	3 783	5 398	6 505
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-1 146	-946	-8 472

# Bahamas

	1995	2005	2016
<b>The setting</b>			
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	1.2
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.6	0.6	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	2 439	2 045	1 789
Land area equipped for irrigation (1 000 ha)	1	1	1
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	4.3	3.5	3.9
Employment in agriculture, female (%)	1.1	0.3	1.9
Fertilizers use, nitrogen (1 000 t nutrients)			0.6
Fertilizers use, phosphate (1 000 t nutrients)			0.2
Fertilizers use, potash (1 000 t nutrients)			0.3
Agric. value added per worker (constant USD)	21 918	20 819	10 593
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 645	2 706
Average dietary energy supply adequacy (%)		109	109
Dietary energy supply, cereals/roots/tubers (%)		26	24
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		32 401	27 614
Cereal import dependency ratio (%)		96.7	97.4
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	21	27	35
Agriculture, value added (% GDP)	2	1	1
Food (excl. fish) exports (mill. USD)	8	3	3
Food (excl. fish) imports (mill. USD)	194	303	315
<b>Production indices (2004–06 = 100)</b>			
Food	80	99	131
Crops	74	98	143
Cereals	85	98	45
Vegetable oils			
Roots and tubers	57	102	275
Fruit and vegetables	75	98	144
Sugar	67	95	110
Livestock	89	100	111
Milk	94	105	102
Meat	90	100	113
Fish	84	100	74
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-30	-41	-59
Fruit and vegetables	-28	-67	-56
Meat and meat preparations	-42	-92	-106
Dairy products (milk equivalent)	-17	-27	-23
Fish	50	61	46
<b>Environment</b>			
Forest area (% total land area)	51	51	51
Agricultural area (% total land area)	1	1	1
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			31
Organic area (ha)			0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	28	27	33
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-1 366	-871	438

# Bahrain

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	0.6	0.9	1.5
Rural population, total (mill.)	0.1	0.1	0.2
Govt. expenditure on agric. (% total outlays)		0.4	
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.5	0.6	1.2
Total renewable water resources per cap. (m <sup>3</sup> )	194	113	81
Land area equipped for irrigation (1 000 ha)	4	4	4
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	1.9	1.3	1.0
Employment in agriculture, female (%)	0.2	0.1	0.0
Fertilizers use, nitrogen (1 000 t nutrients)		4.2	0.6
Fertilizers use, phosphate (1 000 t nutrients)		0.0	0.2
Fertilizers use, potash (1 000 t nutrients)		0.2	1.4
Agric. value added per worker (constant USD)		11 648	11 842
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		43 202	43 643
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		98.7	98.7
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	25	19	42
Agriculture, value added (% GDP)	1	0	0
Food (excl. fish) exports (mill. USD)	101	29	261
Food (excl. fish) imports (mill. USD)	276	496	1 386
<b>Production indices (2004–06 = 100)</b>			
Food	121	92	201
Crops	110	86	104
Cereals			
Vegetable oils			
Roots and tubers	308	28	189
Fruit and vegetables	113	86	105
Sugar			
Livestock	139	101	360
Milk	125	116	104
Meat	165	82	1 007
Fish	67	85	107
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-43	-77	-198
Fruit and vegetables	-68	-109	-349
Meat and meat preparations	-39	-72	-259
Dairy products (milk equivalent)	-41	-78	-190
Fish	0	2	-17
<b>Environment</b>			
Forest area (% total land area)	0	1	1
Agricultural area (% total land area)	13	12	11
Freshwater withdrawal (% tot renewable)		205.8	
Terrestrial protected areas (% total land area)			7
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	29	58	35
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-3	-3	-5

# Bangladesh

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	118.7	143.4	164.7
Rural population, total (mill.)	93.9	104.8	105.4
Govt. expenditure on agric. (% total outlays)		5.4	7.8
Area harvested, crops (mill. ha)	13.5	14.2	15.9
Cropping intensity ratio	1.5	1.6	1.9
Total renewable water resources per cap. (m <sup>3</sup> )	9 929	8 370	7 530
Land area equipped for irrigation (1 000 ha)	3 751	4 875	5 500
Agric. area actually irrigated (% agric. area)		51.1	59.7
Employment in agriculture (%)	66.8	48.1	41.1
Employment in agriculture, female (%)	86.0	68.2	62.1
Fertilizers use, nitrogen (1 000 t nutrients)		993.3	1 172.3
Fertilizers use, phosphate (1 000 t nutrients)		326.7	638.5
Fertilizers use, potash (1 000 t nutrients)		244.4	436.2
Agric. value added per worker (constant USD)	395	608	931
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 375	2 487
Average dietary energy supply adequacy (%)		107	109
Dietary energy supply, cereals/roots/tubers (%)		81	80
Prevalence of undernourishment (%)		16.6	15.2
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		1 930	3 319
Cereal import dependency ratio (%)		9.8	10.3
Stunting, children under 5 (%)		45.9	36.1
Wasting, children under 5 (%)		11.8	14.3
Safely managed drinking water (% pop. using)		55.9	55.7
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	10 486	16 105	22 743
Agriculture, value added (% GDP)	25	19	14
Food (excl. fish) exports (mill. USD)	11	62	122
Food (excl. fish) imports (mill. USD)	914	1 774	5 356
<b>Production indices (2004–06 = 100)</b>			
Food	67	103	145
Crops	66	103	146
Cereals	68	102	138
Vegetable oils	130	103	161
Roots and tubers	34	103	203
Fruit and vegetables	53	107	187
Sugar	120	104	69
Livestock	73	101	136
Milk	84	100	114
Meat	74	100	120
Fish	50	100	175
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-445	-401	-1 025
Fruit and vegetables	-30	-113	-942
Meat and meat preparations	-1	-1	-1
Dairy products (milk equivalent)	-45	-125	-264
Fish	322	630	492
<b>Environment</b>			
Forest area (% total land area)	11	11	11
Agricultural area (% total land area)	72	72	71
Freshwater withdrawal (% tot renewable)		2.9	
Terrestrial protected areas (% total land area)			5
Organic area (ha)		1	7
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	62 893	67 675	77 886
Net emissions in land use (CO <sub>2</sub> eq. Gg)	32 371	31 289	29 036

# Barbados

	1995	2005	2016
<b>The setting</b>			
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	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	300	290	281
Land area equipped for irrigation (1 000 ha)	5	5	5
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	4.6	2.4	2.9
Employment in agriculture, female (%)	3.6	0.3	1.8
Fertilizers use, nitrogen (1 000 t nutrients)		1.2	0.3
Fertilizers use, phosphate (1 000 t nutrients)		0.1	0.3
Fertilizers use, potash (1 000 t nutrients)		0.1	0.2
Agric. value added per worker (constant USD)	12 267	19 290	13 489
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 832	2 979
Average dietary energy supply adequacy (%)		115	121
Dietary energy supply, cereals/roots/tubers (%)		32	32
Prevalence of undernourishment (%)		5.9	3.7
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		16 152	16 741
Cereal import dependency ratio (%)		100.0	100.0
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	47	51	41
Agriculture, value added (% GDP)	3	2	1
Food (excl. fish) exports (mill. USD)	53	46	38
Food (excl. fish) imports (mill. USD)	109	171	250
<b>Production indices (2004–06 = 100)</b>			
Food	97	106	85
Crops	109	110	46
Cereals	425	100	37
Vegetable oils	131	100	111
Roots and tubers	283	103	87
Fruit and vegetables	137	98	86
Sugar	93	115	22
Livestock	90	103	111
Milk	128	102	74
Meat	88	105	105
Fish	170	104	83
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-20	-29	-39
Fruit and vegetables	-18	-36	-50
Meat and meat preparations	-15	-19	-30
Dairy products (milk equivalent)	-10	-17	-22
Fish	-7	-16	-23
<b>Environment</b>			
Forest area (% total land area)	15	15	15
Agricultural area (% total land area)	44	37	23
Freshwater withdrawal (% tot renewable)	101.2	87.5	
Terrestrial protected areas (% total land area)			1
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	93	59	53
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-18	-12	4

# Belarus

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	10.1	9.6	9.5
Rural population, total (mill.)	3.3	2.7	2.1
Govt. expenditure on agric. (% total outlays)		14.3	4.3
Area harvested, crops (mill. ha)	3.9	3.3	3.2
Cropping intensity ratio	0.6	0.6	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	5 738	6 059	6 108
Land area equipped for irrigation (1 000 ha)	131	115	31
Agric. area actually irrigated (% agric. area)		1.3	0.4
Employment in agriculture (%)	23.7	13.9	9.7
Employment in agriculture, female (%)	18.7	10.2	6.6
Fertilizers use, nitrogen (1 000 t nutrients)		406.0	348.5
Fertilizers use, phosphate (1 000 t nutrients)		129.5	76.3
Fertilizers use, potash (1 000 t nutrients)		393.9	408.6
Agric. value added per worker (constant USD)	2 973	6 022	11 631
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 990	3 236
Average dietary energy supply adequacy (%)		119	131
Dietary energy supply, cereals/roots/tubers (%)		43	36
Prevalence of undernourishment (%)		3.0	<2.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		11 213	16 773
Cereal import dependency ratio (%)		10.9	1.9
Stunting, children under 5 (%)		4.5	
Wasting, children under 5 (%)		2.2	
Safely managed drinking water (% pop. using)		82.0	94.4
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	3 598	3 925	5 418
Agriculture, value added (% GDP)	15	8	7
Food (excl. fish) exports (mill. USD)	210	1 167	3 673
Food (excl. fish) imports (mill. USD)	449	903	2 857
<b>Production indices (2004–06 = 100)</b>			
Food	89	97	134
Crops	76	94	100
Cereals	76	100	127
Vegetable oils	33	107	143
Roots and tubers	97	92	64
Fruit and vegetables	54	92	118
Sugar	35	91	127
Livestock	94	101	148
Milk	81	103	140
Meat	105	101	161
Fish	93	94	178
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-86	-132	-69
Fruit and vegetables	-59	-148	-1 200
Meat and meat preparations	30	170	717
Dairy products (milk equivalent)	63	465	1 736
Fish	-31	-142	-104
<b>Environment</b>			
Forest area (% total land area)	40	42	43
Agricultural area (% total land area)	46	44	42
Freshwater withdrawal (% tot renewable)	3.4	2.9	2.6
Terrestrial protected areas (% total land area)			10
Organic area (ha)			
Wood pellet production (1 000 t)			148
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	21 284	18 892	19 703
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-9 955	-18 240	-557

# Belgium

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)		10.5	11.4
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 renewable water resources per cap. (m <sup>3</sup> )		1 709	1 611
Land area equipped for irrigation (1 000 ha)		22	24
Agric. area actually irrigated (% agric. area)		0.2	0.4
Employment in agriculture (%)	2.6	2.0	1.3
Employment in agriculture, female (%)	1.6	1.5	0.8
Fertilizers use, nitrogen (1 000 t nutrients)		180.5	188.8
Fertilizers use, phosphate (1 000 t nutrients)		53.5	19.8
Fertilizers use, potash (1 000 t nutrients)		43.5	61.9
Agric. value added per worker (constant USD)	30 000	39 847	56 860
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 718	3 733
Average dietary energy supply adequacy (%)		145	147
Dietary energy supply, cereals/roots/tubers (%)		27	28
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		39 803	42 084
Cereal import dependency ratio (%)		46.4	61.6
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		99.4	98.4
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)		5 510	4 723
Agriculture, value added (% GDP)	1	1	1
Food (excl. fish) exports (mill. USD)		21 668	30 245
Food (excl. fish) imports (mill. USD)		17 426	25 600
<b>Production indices (2004–06 = 100)</b>			
Food		99	85
Crops		101	89
Cereals		100	80
Vegetable oils		89	134
Roots and tubers		97	119
Fruit and vegetables		98	99
Sugar		100	68
Livestock		99	81
Milk		102	17
Meat		98	103
Fish	145	99	107
<b>Net trade (mill. USD)</b>			
Cereals and preparations		593	812
Fruit and vegetables		1 233	1 373
Meat and meat preparations		1 859	2 064
Dairy products (milk equivalent)		-267	-101
Fish	-669	-706	-1 009
<b>Environment</b>			
Forest area (% total land area)		22	23
Agricultural area (% total land area)		46	45
Freshwater withdrawal (% tot renewable)		34.0	
Terrestrial protected areas (% total land area)			23
Organic area (ha)		24	79
Wood pellet production (1 000 t)			390
Emissions in agriculture (CO <sub>2</sub> eq. Gg)		9 246	8 885
Net emissions in land use (CO <sub>2</sub> eq. Gg)		-3 230	-2 627



# Belize

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	0.2	0.3	0.4
Rural population, total (mill.)	0.1	0.1	0.2
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	0.8	0.8	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	98 060	72 822	59 217
Land area equipped for irrigation (1 000 ha)	3	4	4
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	27.2	19.6	15.0
Employment in agriculture, female (%)	5.8	3.3	3.1
Fertilizers use, nitrogen (1 000 t nutrients)		4.1	16.8
Fertilizers use, phosphate (1 000 t nutrients)		1.5	12.7
Fertilizers use, potash (1 000 t nutrients)		0.0	6.8
Agric. value added per worker (constant USD)	4 781	9 351	5 345
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 798	2 762
Average dietary energy supply adequacy (%)		128	122
Dietary energy supply, cereals/roots/tubers (%)		39	38
Prevalence of undernourishment (%)		4.6	6.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		7 873	7 919
Cereal import dependency ratio (%)		32.5	10.4
Stunting, children under 5 (%)		22.2	15.0
Wasting, children under 5 (%)		1.9	1.8
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	111	168	156
Agriculture, value added (% GDP)	17	13	9
Food (excl. fish) exports (mill. USD)	107	134	125
Food (excl. fish) imports (mill. USD)	37	49	95
<b>Production indices (2004–06 = 100)</b>			
Food	67	101	94
Crops	70	102	92
Cereals	72	123	148
Vegetable oils	210	122	708
Roots and tubers	124	97	68
Fruit and vegetables	60	106	66
Sugar	95	86	134
Livestock	56	98	118
Milk	38	109	158
Meat	54	98	112
Fish	8	87	72
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-8	-13	-20
Fruit and vegetables	51	91	53
Meat and meat preparations	-4	-4	-11
Dairy products (milk equivalent)	-9	-12	-16
Fish	15	40	21
<b>Environment</b>			
Forest area (% total land area)	67	62	60
Agricultural area (% total land area)	6	7	7
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			38
Organic area (ha)		2	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	184	238	416
Net emissions in land use (CO <sub>2</sub> eq. Gg)	5 258	7 052	2 778

# Benin

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	5.9	8.0	11.2
Rural population, total (mill.)	3.8	4.9	6.3
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	1.7	2.3	3.3
Cropping intensity ratio	0.9	0.8	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	4 149	3 031	2 427
Land area equipped for irrigation (1 000 ha)	10	18	23
Agric. area actually irrigated (% agric. area)		0.3	
Employment in agriculture (%)	52.3	47.5	41.3
Employment in agriculture, female (%)	43.8	39.5	33.7
Fertilizers use, nitrogen (1 000 t nutrients)		0.4	18.2
Fertilizers use, phosphate (1 000 t nutrients)		0.4	10.8
Fertilizers use, potash (1 000 t nutrients)		0.4	10.8
Agric. value added per worker (constant USD)	688	904	1 068
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 449	2 699
Average dietary energy supply adequacy (%)		113	123
Dietary energy supply, cereals/roots/tubers (%)		73	71
Prevalence of undernourishment (%)		15.4	10.4
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		1 736	2 010
Cereal import dependency ratio (%)		31.9	41.6
Stunting, children under 5 (%)		44.7	34.0
Wasting, children under 5 (%)		8.4	4.5
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	893	1 475	2 290
Agriculture, value added (% GDP)	21	25	21
Food (excl. fish) exports (mill. USD)	26	67	103
Food (excl. fish) imports (mill. USD)	140	236	1 154
<b>Production indices (2004–06 = 100)</b>			
Food	63	104	162
Crops	67	104	158
Cereals	63	104	175
Vegetable oils	67	105	139
Roots and tubers	54	102	159
Fruit and vegetables	70	108	170
Sugar	24	97	18
Livestock	74	101	136
Milk	73	100	129
Meat	77	100	137
Fish	117	84	139
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-79	-106	-816
Fruit and vegetables	-1	7	36
Meat and meat preparations	-14	-49	-170
Dairy products (milk equivalent)	-8	-16	-10
Fish	-8	-15	-75
<b>Environment</b>			
Forest area (% total land area)	48	43	38
Agricultural area (% total land area)	22	31	33
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			29
Organic area (ha)		0	6
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	3 628	5 403	5 694
Net emissions in land use (CO <sub>2</sub> eq. Gg)	15 212	10 984	10 841

## Bhutan

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	0.5	0.7	0.8
Rural population, total (mill.)	0.4	0.4	0.5
Govt. expenditure on agric. (% total outlays)		11.0	12.6
Area harvested, crops (mill. ha)	0.2	0.1	0.1
Cropping intensity ratio	0.9	0.7	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	155 500	114 453	97 773
Land area equipped for irrigation (1 000 ha)	27	27	33
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	83.1	70.3	56.8
Employment in agriculture, female (%)	91.8	80.3	65.4
Fertilizers use, nitrogen (1 000 t nutrients)		0.9	0.8
Fertilizers use, phosphate (1 000 t nutrients)		0.2	0.3
Fertilizers use, potash (1 000 t nutrients)		0.2	0.2
Agric. value added per worker (constant USD)	1 261	1 201	1 483
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		4 522	8 253
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)		34.9	
Wasting, children under 5 (%)		4.7	
Safely managed drinking water (% pop. using)		30.1	34.2
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	166	214	207
Agriculture, value added (% GDP)	32	22	17
Food (excl. fish) exports (mill. USD)	13	2	20
Food (excl. fish) imports (mill. USD)	17	15	72
<b>Production indices (2004–06 = 100)</b>			
Food	82	106	102
Crops	67	107	109
Cereals	82	108	101
Vegetable oils	44	132	22
Roots and tubers	70	98	107
Fruit and vegetables	49	106	88
Sugar	100	99	113
Livestock	102	103	93
Milk	104	105	85
Meat	96	98	102
Fish	162	100	242
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-9	-8	-18
Fruit and vegetables	8	0	9
Meat and meat preparations	0	0	-9
Dairy products (milk equivalent)	-1	-2	-16
Fish	0	-2	-5
<b>Environment</b>			
Forest area (% total land area)	64	70	72
Agricultural area (% total land area)	14	16	14
Freshwater withdrawal (% tot renewable)		0.4	
Terrestrial protected areas (% total land area)			48
Organic area (ha)		0	7
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	573	563	452
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-4 087	-4 397	-3 791

## Bolivia (Plurinational State of)

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	7.6	9.1	11.1
Rural population, total (mill.)	3.1	3.3	3.5
Govt. expenditure on agric. (% total outlays)		9.1	6.1
Area harvested, crops (mill. ha)	1.8	2.7	3.7
Cropping intensity ratio	0.6	0.7	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	72 926	60 799	52 719
Land area equipped for irrigation (1 000 ha)	204	256	300
Agric. area actually irrigated (% agric. area)		0.7	
Employment in agriculture (%)	39.4	35.2	27.4
Employment in agriculture, female (%)	39.3	36.0	27.9
Fertilizers use, nitrogen (1 000 t nutrients)		12.2	20.0
Fertilizers use, phosphate (1 000 t nutrients)		7.8	10.7
Fertilizers use, potash (1 000 t nutrients)		4.7	3.3
Agric. value added per worker (constant USD)	1 161	1 337	1 953
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 106	2 355
Average dietary energy supply adequacy (%)		96	105
Dietary energy supply, cereals/roots/tubers (%)		51	51
Prevalence of undernourishment (%)		30.3	19.8
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		4 695	6 708
Cereal import dependency ratio (%)		20.8	15.5
Stunting, children under 5 (%)		32.5	16.1
Wasting, children under 5 (%)		1.7	2.0
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 857	2 615	3 838
Agriculture, value added (% GDP)	15	12	11
Food (excl. fish) exports (mill. USD)	162	340	837
Food (excl. fish) imports (mill. USD)	153	213	595
<b>Production indices (2004–06 = 100)</b>			
Food	71	100	146
Crops	72	101	154
Cereals	67	106	161
Vegetable oils	53	102	179
Roots and tubers	81	101	116
Fruit and vegetables	103	101	141
Sugar	76	91	123
Livestock	69	98	135
Milk	71	107	174
Meat	66	96	131
Fish	94	101	148
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-98	-88	-162
Fruit and vegetables	23	85	207
Meat and meat preparations	3	1	0
Dairy products (milk equivalent)	-11	-13	5
Fish	-1	-3	-19
<b>Environment</b>			
Forest area (% total land area)	57	54	50
Agricultural area (% total land area)	34	34	35
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			31
Organic area (ha)		36	114
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	15 459	20 351	23 897
Net emissions in land use (CO <sub>2</sub> eq. Gg)	83 418	85 686	89 914

## Bosnia and Herzegovina

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	3.8	3.8	3.5
Rural population, total (mill.)	2.1	2.4	2.3
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.4	0.6	0.6
Cropping intensity ratio	0.4	0.5	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	9 923	9 766	10 663
Land area equipped for irrigation (1 000 ha)	2	3	3
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	48.1	24.5	19.2
Employment in agriculture, female (%)	56.1	28.9	18.6
Fertilizers use, nitrogen (1 000 t nutrients)		24.6	111.1
Fertilizers use, phosphate (1 000 t nutrients)		0.2	11.6
Fertilizers use, potash (1 000 t nutrients)		0.4	12.6
Agric. value added per worker (constant USD)		4 591	6 037
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 048	3 221
Average dietary energy supply adequacy (%)		121	128
Dietary energy supply, cereals/roots/tubers (%)		52	49
Prevalence of undernourishment (%)		3.2	<2.5
Prevalence of severe food insecurity (%)			1.5
GDP per capita (USD, PPP)		8 312	11 338
Cereal import dependency ratio (%)		35.1	37.0
Stunting, children under 5 (%)		11.8	
Wasting, children under 5 (%)		4.0	
Safely managed drinking water (% pop. using)		87.7	88.6
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	556	787	1 009
Agriculture, value added (% GDP)	18	8	6
Food (excl. fish) exports (mill. USD)	2	114	423
Food (excl. fish) imports (mill. USD)	245	890	1 190
<b>Production indices (2004–06 = 100)</b>			
Food	69	98	125
Crops	61	96	118
Cereals	49	98	122
Vegetable oils	65	103	215
Roots and tubers	86	105	98
Fruit and vegetables	55	93	126
Sugar	120 000	100	3 307
Livestock	68	101	120
Milk	57	101	107
Meat	114	101	163
Fish	3	101	66
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-52	-177	-183
Fruit and vegetables	-29	-109	-84
Meat and meat preparations	-69	-92	-119
Dairy products (milk equivalent)	-25	-59	-42
Fish	-3	-27	-27
<b>Environment</b>			
Forest area (% total land area)	43	43	43
Agricultural area (% total land area)	42	42	43
Freshwater withdrawal (% tot renewable)		0.9	0.9
Terrestrial protected areas (% total land area)			1
Organic area (ha)		0	1
Wood pellet production (1 000 t)			270
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	1 705	2 241	2 737
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-7 864	136	175

# Botswana

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	1.6	1.9	2.3
Rural population, total (mill.)	0.8	0.8	0.9
Govt. expenditure on agric. (% total outlays)		3.1	5.1
Area harvested, crops (mill. ha)	0.2	0.1	0.1
Cropping intensity ratio	0.5	0.5	0.5
Total renewable water resources per cap. (m <sup>3</sup> )	7 436	6 342	5 439
Land area equipped for irrigation (1 000 ha)	1	2	3
Agric. area actually irrigated (% agric. area)		0.0	0.0
Employment in agriculture (%)	16.2	27.0	26.0
Employment in agriculture, female (%)	10.9	19.4	20.8
Fertilizers use, nitrogen (1 000 t nutrients)			21.2
Fertilizers use, phosphate (1 000 t nutrients)			1.1
Fertilizers use, potash (1 000 t nutrients)			1.0
Agric. value added per worker (constant USD)	3 607	1 351	1 248
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 179	2 302
Average dietary energy supply adequacy (%)		93	98
Dietary energy supply, cereals/roots/tubers (%)		50	48
Prevalence of undernourishment (%)		31.9	28.5
Prevalence of severe food insecurity (%)			39.8
GDP per capita (USD, PPP)		11 583	15 727
Cereal import dependency ratio (%)		69.8	100.0
Stunting, children under 5 (%)		31.4	
Wasting, children under 5 (%)		7.2	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	341	318	376
Agriculture, value added (% GDP)	5	2	2
Food (excl. fish) exports (mill. USD)	113	48	117
Food (excl. fish) imports (mill. USD)	304	221	526
<b>Production indices (2004–06 = 100)</b>			
Food	109	101	120
Crops	94	102	126
Cereals	172	100	127
Vegetable oils	37	114	59
Roots and tubers	83	100	110
Fruit and vegetables	86	101	154
Sugar			
Livestock	110	101	119
Milk	102	102	92
Meat	119	101	145
Fish	160	106	43
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-75	-59	-158
Fruit and vegetables	-58	-57	-111
Meat and meat preparations	80	38	86
Dairy products (milk equivalent)	-43	-42	-47
Fish	-6	-8	-11
<b>Environment</b>			
Forest area (% total land area)	23	21	19
Agricultural area (% total land area)	46	46	46
Freshwater withdrawal (% tot renewable)	1.2		
Terrestrial protected areas (% total land area)			29
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	8 652	4 754	7 870
Net emissions in land use (CO <sub>2</sub> eq. Gg)	45 194	48 564	34 814

# Brazil

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	162.3	186.9	209.3
Rural population, total (mill.)	36.2	32.0	28.6
Govt. expenditure on agric. (% total outlays)			0.8
Area harvested, crops (mill. ha)	51.7	63.6	76.2
Cropping intensity ratio	0.8	0.8	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	51 503	44 853	41 642
Land area equipped for irrigation (1 000 ha)	2 656	4 600	5 400
Agric. area actually irrigated (% agric. area)		1.6	
Employment in agriculture (%)	26.1	20.5	10.2
Employment in agriculture, female (%)	22.0	15.9	4.8
Fertilizers use, nitrogen (1 000 t nutrients)		2 072.2	4 366.3
Fertilizers use, phosphate (1 000 t nutrients)		2 871.9	4 974.6
Fertilizers use, potash (1 000 t nutrients)		3 361.7	5 728.4
Agric. value added per worker (constant USD)	3 077	4 583	11 034
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 085	3 184
Average dietary energy supply adequacy (%)		128	130
Dietary energy supply, cereals/roots/tubers (%)		36	33
Prevalence of undernourishment (%)		4.6	<2.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		12 299	14 077
Cereal import dependency ratio (%)		5.7	-15.3
Stunting, children under 5 (%)		7.1	
Wasting, children under 5 (%)		1.6	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	67 815	101 556	139 465
Agriculture, value added (% GDP)	5	5	4
Food (excl. fish) exports (mill. USD)	7 001	22 159	54 249
Food (excl. fish) imports (mill. USD)	4 782	2 511	7 974
<b>Production indices (2004–06 = 100)</b>			
Food	66	99	137
Crops	70	98	143
Cereals	84	95	132
Vegetable oils	50	101	185
Roots and tubers	98	101	90
Fruit and vegetables	85	98	106
Sugar	69	96	175
Livestock	62	101	127
Milk	68	101	133
Meat	60	101	125
Fish	64	98	125
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-1 868	-856	1 197
Fruit and vegetables	486	1 358	916
Meat and meat preparations	1 064	7 979	13 634
Dairy products (milk equivalent)	-637	9	-485
Fish	-237	99	-940
<b>Environment</b>			
Forest area (% total land area)	64	61	59
Agricultural area (% total land area)	31	33	34
Freshwater withdrawal (% tot renewable)	0.7	0.7	
Terrestrial protected areas (% total land area)			29
Organic area (ha)		842	750
Wood pellet production (1 000 t)			135
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	332 392	416 335	450 668
Net emissions in land use (CO <sub>2</sub> eq. Gg)	891 380	1 112 116	308 686

## Brunei Darussalam

	1995	2005	2016
<b>The setting</b>			
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	2.0	2.4	1.1
Total renewable water resources per cap. (m <sup>3</sup> )	27 437	22 697	20 085
Land area equipped for irrigation (1 000 ha)	1	1	1
Agric. area actually irrigated (% agric. area)		0.9	
Employment in agriculture (%)	1.7	1.0	0.6
Employment in agriculture, female (%)	0.8	0.3	0.5
Fertilizers use, nitrogen (1 000 t nutrients)		0.3	0.2
Fertilizers use, phosphate (1 000 t nutrients)		0.1	0.2
Fertilizers use, potash (1 000 t nutrients)		0.2	0.2
Agric. value added per worker (constant USD)	27 035	67 530	94 886
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 981	2 987
Average dietary energy supply adequacy (%)		126	124
Dietary energy supply, cereals/roots/tubers (%)		47	45
Prevalence of undernourishment (%)		<2.5	2.6
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		82 967	71 789
Cereal import dependency ratio (%)		98.1	100.0
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	13	22	49
Agriculture, value added (% GDP)	1	1	1
Food (excl. fish) exports (mill. USD)	7	0	1
Food (excl. fish) imports (mill. USD)	155	179	324
<b>Production indices (2004–06 = 100)</b>			
Food	46	75	169
Crops	72	99	97
Cereals	65	111	217
Vegetable oils	48	120	136
Roots and tubers	63	101	136
Fruit and vegetables	74	98	88
Sugar			
Livestock	40	69	187
Milk	77	102	64
Meat	32	62	201
Fish	169	111	500
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-35	-59	-124
Fruit and vegetables	-32	-31	-48
Meat and meat preparations	-38	-11	-37
Dairy products (milk equivalent)	-11	-20	-21
Fish	-8	-14	-37
<b>Environment</b>			
Forest area (% total land area)	77	74	72
Agricultural area (% total land area)	2	2	3
Freshwater withdrawal (% tot renewable)	1.1		
Terrestrial protected areas (% total land area)			47
Organic area (ha)			
Wood pellet production (1 000 t)			0
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	69	110	146
Net emissions in land use (CO <sub>2</sub> eq. Gg)	2 161	2 086	471



# Bulgaria

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	8.4	7.7	7.1
Rural population, total (mill.)	2.7	2.3	1.8
Govt. expenditure on agric. (% total outlays)		3.0	2.1
Area harvested, crops (mill. ha)	3.3	2.7	3.1
Cropping intensity ratio	0.8	0.8	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	2 598	2 814	2 987
Land area equipped for irrigation (1 000 ha)	789	112	115
Agric. area actually irrigated (% agric. area)		1.0	2.0
Employment in agriculture (%)	14.9	8.9	6.8
Employment in agriculture, female (%)	12.4	6.8	4.2
Fertilizers use, nitrogen (1 000 t nutrients)		189.9	324.9
Fertilizers use, phosphate (1 000 t nutrients)		39.3	82.6
Fertilizers use, potash (1 000 t nutrients)		6.3	31.4
Agric. value added per worker (constant USD)	6 700	9 770	10 199
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 749	2 926
Average dietary energy supply adequacy (%)		109	117
Dietary energy supply, cereals/roots/tubers (%)		40	41
Prevalence of undernourishment (%)		6.5	3.0
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		12 420	17 795
Cereal import dependency ratio (%)		-34.3	-126.7
Stunting, children under 5 (%)		8.8	
Wasting, children under 5 (%)		3.2	
Safely managed drinking water (% pop. using)		97.1	96.6
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	3 480	2 252	3 343
Agriculture, value added (% GDP)	12	7	4
Food (excl. fish) exports (mill. USD)	591	957	3 468
Food (excl. fish) imports (mill. USD)	304	640	2 113
<b>Production indices (2004–06 = 100)</b>			
Food	135	87	130
Crops	124	86	128
Cereals	103	94	143
Vegetable oils	73	87	217
Roots and tubers	144	83	26
Fruit and vegetables	244	76	91
Sugar	607	95	
Livestock	152	99	84
Milk	107	98	69
Meat	215	100	100
Fish	126	85	243
<b>Net trade (mill. USD)</b>			
Cereals and preparations	146	242	1 149
Fruit and vegetables	76	22	-102
Meat and meat preparations	30	8	-163
Dairy products (milk equivalent)	15	21	-86
Fish	10	-18	-36
<b>Environment</b>			
Forest area (% total land area)	30	34	35
Agricultural area (% total land area)	56	48	46
Freshwater withdrawal (% tot renewable)		29.1	26.4
Terrestrial protected areas (% total land area)			35
Organic area (ha)		2	161
Wood pellet production (1 000 t)			149
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	4 967	4 668	4 918
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-11 191	-13 722	-9 875

# Burkina Faso

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	10.1	13.4	19.2
Rural population, total (mill.)	8.6	10.5	13.0
Govt. expenditure on agric. (% total outlays)		0.1	
Area harvested, crops (mill. ha)	3.8	5.3	7.1
Cropping intensity ratio	1.1	1.1	1.2
Total renewable water resources per cap. (m <sup>3</sup> )	1 266	946	724
Land area equipped for irrigation (1 000 ha)	25	37	55
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	88.6	82.0	28.9
Employment in agriculture, female (%)	90.3	84.2	20.4
Fertilizers use, nitrogen (1 000 t nutrients)		35.4	67.6
Fertilizers use, phosphate (1 000 t nutrients)		22.1	30.4
Fertilizers use, potash (1 000 t nutrients)		17.1	32.6
Agric. value added per worker (constant USD)	381	574	1 890
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 510	2 689
Average dietary energy supply adequacy (%)		116	122
Dietary energy supply, cereals/roots/tubers (%)		65	65
Prevalence of undernourishment (%)		24.9	21.3
Prevalence of severe food insecurity (%)			23.8
GDP per capita (USD, PPP)		1 266	1 642
Cereal import dependency ratio (%)		7.4	12.6
Stunting, children under 5 (%)		42.4	27.3
Wasting, children under 5 (%)		24.4	7.6
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 157	1 828	2 243
Agriculture, value added (% GDP)	31	35	28
Food (excl. fish) exports (mill. USD)	36	60	317
Food (excl. fish) imports (mill. USD)	141	187	353
<b>Production indices (2004–06 = 100)</b>			
Food	66	104	127
Crops	57	106	145
Cereals	69	107	140
Vegetable oils	58	104	247
Roots and tubers	110	64	101
Fruit and vegetables	97	100	118
Sugar	89	100	108
Livestock	65	101	84
Milk	68	100	116
Meat	64	101	76
Fish	86	98	242
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-72	-94	-201
Fruit and vegetables	-15	-8	122
Meat and meat preparations	-1	0	0
Dairy products (milk equivalent)	-27	-12	-18
Fish	-4	-4	-12
<b>Environment</b>			
Forest area (% total land area)	24	22	19
Agricultural area (% total land area)	35	40	44
Freshwater withdrawal (% tot renewable)	2.8	6.1	
Terrestrial protected areas (% total land area)			15
Organic area (ha)		0	27
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	11 101	17 297	21 113
Net emissions in land use (CO <sub>2</sub> eq. Gg)	11 418	9 918	9 288

# Burundi

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	6.0	7.4	10.9
Rural population, total (mill.)	5.8	7.0	10.0
Govt. expenditure on agric. (% total outlays)			2.8
Area harvested, crops (mill. ha)	1.1	1.2	1.3
Cropping intensity ratio	0.9	0.9	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	1 953	1 473	1 192
Land area equipped for irrigation (1 000 ha)	18	23	23
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	92.3	91.8	91.4
Employment in agriculture, female (%)	96.8	96.6	96.4
Fertilizers use, nitrogen (1 000 t nutrients)		1.1	4.5
Fertilizers use, phosphate (1 000 t nutrients)		2.3	1.2
Fertilizers use, potash (1 000 t nutrients)		0.0	0.8
Agric. value added per worker (constant USD)	349	258	197
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		724	721
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)		57.7	55.9
Wasting, children under 5 (%)		9.0	5.1
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	902	953	1 138
Agriculture, value added (% GDP)	42	41	36
Food (excl. fish) exports (mill. USD)	1	1	3
Food (excl. fish) imports (mill. USD)	50	37	43
<b>Production indices (2004–06 = 100)</b>			
Food	95	100	120
Crops	83	91	105
Cereals	80	101	158
Vegetable oils	69	95	241
Roots and tubers	88	102	225
Fruit and vegetables	87	100	73
Sugar	109	103	179
Livestock	88	101	141
Milk	127	95	265
Meat	77	102	106
Fish	157	100	172
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-23	-21	-23
Fruit and vegetables	-15	-8	1
Meat and meat preparations	0	0	-3
Dairy products (milk equivalent)		-1	0
Fish	0	0	-2
<b>Environment</b>			
Forest area (% total land area)	9	7	11
Agricultural area (% total land area)	79	71	79
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			8
Organic area (ha)		0	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	1 211	1 280	1 832
Net emissions in land use (CO <sub>2</sub> eq. Gg)	8 356	4 895	2 400

## Cabo Verde

	1995	2005	2016
<b>The setting</b>			
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)		4.9	4.4
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	1.6	1.0	1.4
Total renewable water resources per cap. (m <sup>3</sup> )	732	623	556
Land area equipped for irrigation (1 000 ha)	3	4	4
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	78.8	73.2	67.9
Employment in agriculture, female (%)	86.3	81.3	76.1
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)	632	829	1 219
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 518	2 690
Average dietary energy supply adequacy (%)		110	113
Dietary energy supply, cereals/roots/tubers (%)		49	48
Prevalence of undernourishment (%)		14.0	12.3
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		4 644	6 065
Cereal import dependency ratio (%)		78.0	88.9
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	29	42	40
Agriculture, value added (% GDP)	16	11	8
Food (excl. fish) exports (mill. USD)	0	0	0
Food (excl. fish) imports (mill. USD)	69	112	171
<b>Production indices (2004–06 = 100)</b>			
Food	70	100	96
Crops	51	98	109
Cereals	122	55	85
Vegetable oils	86	100	101
Roots and tubers	58	101	54
Fruit and vegetables	51	100	108
Sugar	51	100	104
Livestock	93	101	82
Milk	50	103	93
Meat	103	100	72
Fish	48	125	113
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-18	-31	-39
Fruit and vegetables	-13	-19	-30
Meat and meat preparations	-3	-14	-24
Dairy products (milk equivalent)	-9	-19	-31
Fish	1	10	44
<b>Environment</b>			
Forest area (% total land area)	17	21	23
Agricultural area (% total land area)	17	19	20
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			3
Organic area (ha)			1
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	127	130	117
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-403	0	-169

# Cambodia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	10.7	13.3	16.0
Rural population, total (mill.)	8.9	10.8	12.8
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	2.3	3.0	3.8
Cropping intensity ratio	0.6	0.8	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	41 988	34 678	30 205
Land area equipped for irrigation (1 000 ha)	270	350	354
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	80.2	70.8	27.4
Employment in agriculture, female (%)	83.2	72.2	26.9
Fertilizers use, nitrogen (1 000 t nutrients)		11.1	55.9
Fertilizers use, phosphate (1 000 t nutrients)		17.4	5.9
Fertilizers use, potash (1 000 t nutrients)		1.6	4.3
Agric. value added per worker (constant USD)	549	628	1 697
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 327	2 451
Average dietary energy supply adequacy (%)		105	108
Dietary energy supply, cereals/roots/tubers (%)		72	71
Prevalence of undernourishment (%)		20.0	18.5
Prevalence of severe food insecurity (%)			14.4
GDP per capita (USD, PPP)		1 969	3 465
Cereal import dependency ratio (%)		1.8	-1.3
Stunting, children under 5 (%)		43.7	32.4
Wasting, children under 5 (%)		8.3	9.6
Safely managed drinking water (% pop. using)		19.2	24.1
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 503	2 515	4 534
Agriculture, value added (% GDP)	49	31	25
Food (excl. fish) exports (mill. USD)	1	12	382
Food (excl. fish) imports (mill. USD)	108	198	312
<b>Production indices (2004–06 = 100)</b>			
Food	62	104	188
Crops	61	105	211
Cereals	62	108	179
Vegetable oils	14	141	131
Roots and tubers	13	55	935
Fruit and vegetables	86	99	116
Sugar	161	90	481
Livestock	71	101	89
Milk	88	100	96
Meat	69	101	88
Fish	27	98	192
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-33	-40	164
Fruit and vegetables	-2	-16	-1
Meat and meat preparations	0	-1	-7
Dairy products (milk equivalent)	-15	-20	-26
Fish	8	38	41
<b>Environment</b>			
Forest area (% total land area)	69	61	53
Agricultural area (% total land area)	26	30	31
Freshwater withdrawal (% tot renewable)		0.5	
Terrestrial protected areas (% total land area)			26
Organic area (ha)		1	10
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	14 541	16 792	18 662
Net emissions in land use (CO <sub>2</sub> eq. Gg)	27 453	31 466	23 452

# Cameroon

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	13.5	17.4	24.1
Rural population, total (mill.)	8.0	9.3	10.9
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	3.7	4.3	7.1
Cropping intensity ratio	0.5	0.6	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	19 245	14 839	12 078
Land area equipped for irrigation (1 000 ha)	24	27	29
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	68.7	64.9	62.0
Employment in agriculture, female (%)	72.2	68.3	65.3
Fertilizers use, nitrogen (1 000 t nutrients)		22.8	33.1
Fertilizers use, phosphate (1 000 t nutrients)		6.2	7.8
Fertilizers use, potash (1 000 t nutrients)		18.7	19.1
Agric. value added per worker (constant USD)	610	696	826
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 305	2 792
Average dietary energy supply adequacy (%)		105	126
Dietary energy supply, cereals/roots/tubers (%)		54	54
Prevalence of undernourishment (%)		20.3	7.3
Prevalence of severe food insecurity (%)			35.5
GDP per capita (USD, PPP)		2 829	3 347
Cereal import dependency ratio (%)		30.9	30.9
Stunting, children under 5 (%)		36.4	31.7
Wasting, children under 5 (%)		7.3	5.2
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	2 238	3 339	5 952
Agriculture, value added (% GDP)	16	14	15
Food (excl. fish) exports (mill. USD)	258	346	837
Food (excl. fish) imports (mill. USD)	144	431	759
<b>Production indices (2004–06 = 100)</b>			
Food	68	102	182
Crops	68	104	186
Cereals	63	100	223
Vegetable oils	55	104	167
Roots and tubers	63	103	186
Fruit and vegetables	68	105	201
Sugar	100	108	96
Livestock	77	99	125
Milk	91	99	106
Meat	74	100	128
Fish	69	104	172
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-90	-279	-498
Fruit and vegetables	73	61	244
Meat and meat preparations	-2	-17	-7
Dairy products (milk equivalent)	-11	-26	-49
Fish	-25	-64	-288
<b>Environment</b>			
Forest area (% total land area)	49	44	39
Agricultural area (% total land area)	19	19	21
Freshwater withdrawal (% tot renewable)	0.1		
Terrestrial protected areas (% total land area)			11
Organic area (ha)		1	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	10 254	13 447	12 705
Net emissions in land use (CO <sub>2</sub> eq. Gg)	113 162	113 361	112 096

## Canada

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	29.3	32.3	36.6
Rural population, total (mill.)	6.5	6.4	6.5
Govt. expenditure on agric. (% total outlays)			1.0
Area harvested, crops (mill. ha)	27.4	26.1	29.5
Cropping intensity ratio	0.5	0.5	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	97 151	87 987	79 967
Land area equipped for irrigation (1 000 ha)	1 085	1 218	1 180
Agric. area actually irrigated (% agric. area)		1.3	1.4
Employment in agriculture (%)	4.1	2.7	1.9
Employment in agriculture, female (%)	2.4	1.6	1.1
Fertilizers use, nitrogen (1 000 t nutrients)		1 776.7	2 472.0
Fertilizers use, phosphate (1 000 t nutrients)		693.1	970.0
Fertilizers use, potash (1 000 t nutrients)		328.6	393.0
Agric. value added per worker (constant USD)		48 988	73 169
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 490	3 499
Average dietary energy supply adequacy (%)		139	140
Dietary energy supply, cereals/roots/tubers (%)		28	28
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		40 471	43 238
Cereal import dependency ratio (%)		-62.2	-76.7
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	18 408	23 815	27 582
Agriculture, value added (% GDP)	3	2	2
Food (excl. fish) exports (mill. USD)	10 212	18 173	36 707
Food (excl. fish) imports (mill. USD)	6 355	11 946	23 762
<b>Production indices (2004–06 = 100)</b>			
Food	79	102	118
Crops	88	103	141
Cereals	97	102	113
Vegetable oils	79	108	194
Roots and tubers	77	90	89
Fruit and vegetables	95	97	131
Sugar	139	82	71
Livestock	75	102	83
Milk	100	99	95
Meat	68	103	79
Fish	72	99	83
<b>Net trade (mill. USD)</b>			
Cereals and preparations	3 410	3 140	6 008
Fruit and vegetables	-1 725	-2 051	-2 796
Meat and meat preparations	440	2 787	2 130
Dairy products (milk equivalent)	15	-207	-299
Fish	1 280	1 936	2 200
<b>Environment</b>			
Forest area (% total land area)	38	38	38
Agricultural area (% total land area)	7	7	7
Freshwater withdrawal (% tot renewable)	1.5	1.4	
Terrestrial protected areas (% total land area)			10
Organic area (ha)		579	1 099
Wood pellet production (1 000 t)			2 889
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	53 446	58 898	63 157
Net emissions in land use (CO <sub>2</sub> eq. Gg)	81 610	267 395	87 424

## Central African Republic

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	3.4	4.1	4.7
Rural population, total (mill.)	2.1	2.5	3.0
Govt. expenditure on agric. (% total outlays)		1.3	
Area harvested, crops (mill. ha)	0.7	0.9	1.0
Cropping intensity ratio	0.4	0.4	0.5
Total renewable water resources per cap. (m <sup>3</sup> )	40 309	33 555	30 688
Land area equipped for irrigation (1 000 ha)	1	1	1
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	85.0	86.4	85.6
Employment in agriculture, female (%)	90.3	91.5	90.5
Fertilizers use, nitrogen (1 000 t nutrients)			0.2
Fertilizers use, phosphate (1 000 t nutrients)			0.0
Fertilizers use, potash (1 000 t nutrients)			0.4
Agric. value added per worker (constant USD)	593	658	411
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 015	1 720
Average dietary energy supply adequacy (%)		93	79
Dietary energy supply, cereals/roots/tubers (%)		54	57
Prevalence of undernourishment (%)		39.5	61.8
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		810	643
Cereal import dependency ratio (%)		18.5	18.7
Stunting, children under 5 (%)		45.1	
Wasting, children under 5 (%)		12.2	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	581	794	939
Agriculture, value added (% GDP)	37	43	31
Food (excl. fish) exports (mill. USD)	10	15	48
Food (excl. fish) imports (mill. USD)	32	26	46
<b>Production indices (2004–06 = 100)</b>			
Food	74	101	120
Crops	86	100	116
Cereals	47	106	59
Vegetable oils	75	96	79
Roots and tubers	87	101	128
Fruit and vegetables	89	100	126
Sugar	81	99	112
Livestock	68	103	128
Milk	85	100	120
Meat	64	100	125
Fish	56	100	116
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-15	-12	-9
Fruit and vegetables	-2	-1	25
Meat and meat preparations	0	0	-7
Dairy products (milk equivalent)	-1	-1	-3
Fish	0	-1	-4
<b>Environment</b>			
Forest area (% total land area)	36	36	36
Agricultural area (% total land area)	8	8	8
Freshwater withdrawal (% tot renewable)		0.1	
Terrestrial protected areas (% total land area)			18
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	17 505	20 287	20 149
Net emissions in land use (CO <sub>2</sub> eq. Gg)	15 412	14 582	13 433



# Chad

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	7.0	10.1	14.9
Rural population, total (mill.)	5.5	7.8	11.1
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	2.4	3.6	5.5
Cropping intensity ratio	0.7	0.8	1.1
Total renewable water resources per cap. (m <sup>3</sup> )	6 098	4 239	3 162
Land area equipped for irrigation (1 000 ha)	20	30	30
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	86.5	87.2	87.2
Employment in agriculture, female (%)	91.5	92.4	92.5
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)		1 587	1 385
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 027	2 133
Average dietary energy supply adequacy (%)		95	98
Dietary energy supply, cereals/roots/tubers (%)		60	69
Prevalence of undernourishment (%)		39.2	39.7
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		1 793	1 878
Cereal import dependency ratio (%)		6.4	7.3
Stunting, children under 5 (%)		44.8	39.9
Wasting, children under 5 (%)		16.1	13.0
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 044	1 536	2 256
Agriculture, value added (% GDP)	32	26	25
Food (excl. fish) exports (mill. USD)	56	51	59
Food (excl. fish) imports (mill. USD)	41	69	132
<b>Production indices (2004–06 = 100)</b>			
Food	72	106	155
Crops	69	111	176
Cereals	52	110	170
Vegetable oils	63	108	266
Roots and tubers	77	126	139
Fruit and vegetables	98	100	108
Sugar	89	105	123
Livestock	77	100	117
Milk	75	100	118
Meat	80	100	116
Fish	117	100	144
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-16	-21	-64
Fruit and vegetables	-1	-2	-4
Meat and meat preparations	0	-1	-1
Dairy products (milk equivalent)	-3	-3	-5
Fish	-1	0	-1
<b>Environment</b>			
Forest area (% total land area)	5	5	4
Agricultural area (% total land area)	38	39	40
Freshwater withdrawal (% tot renewable)		1.9	
Terrestrial protected areas (% total land area)			20
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	15 426	20 488	22 355
Net emissions in land use (CO <sub>2</sub> eq. Gg)	9 458	7 819	25 387

# Chile

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	14.3	16.1	18.1
Rural population, total (mill.)	2.2	2.1	1.8
Govt. expenditure on agric. (% total outlays)		1.9	1.6
Area harvested, crops (mill. ha)	1.2	1.3	1.3
Cropping intensity ratio	0.5	0.7	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	63 252	56 071	51 542
Land area equipped for irrigation (1 000 ha)	1 100	1 100	1 110
Agric. area actually irrigated (% agric. area)		6.9	
Employment in agriculture (%)	15.7	13.2	9.5
Employment in agriculture, female (%)	5.3	5.8	4.9
Fertilizers use, nitrogen (1 000 t nutrients)		240.7	263.7
Fertilizers use, phosphate (1 000 t nutrients)		124.6	79.1
Fertilizers use, potash (1 000 t nutrients)		265.1	30.3
Agric. value added per worker (constant USD)	4 912	8 491	11 633
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 928	3 032
Average dietary energy supply adequacy (%)		121	125
Dietary energy supply, cereals/roots/tubers (%)		45	43
Prevalence of undernourishment (%)		3.9	3.3
Prevalence of severe food insecurity (%)			4.4
GDP per capita (USD, PPP)		17 008	22 614
Cereal import dependency ratio (%)		31.6	39.8
Stunting, children under 5 (%)		2.2	1.8
Wasting, children under 5 (%)		0.5	0.3
Safely managed drinking water (% pop. using)		94.6	98.2
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	5 460	7 137	8 226
Agriculture, value added (% GDP)	5	4	4
Food (excl. fish) exports (mill. USD)	1 790	3 479	8 522
Food (excl. fish) imports (mill. USD)	759	1 447	4 022
<b>Production indices (2004–06 = 100)</b>			
Food	76	100	115
Crops	78	101	116
Cereals	73	104	101
Vegetable oils	57	105	461
Roots and tubers	69	90	97
Fruit and vegetables	78	101	114
Sugar	159	110	70
Livestock	73	98	111
Milk	81	99	88
Meat	70	97	115
Fish	146	97	49
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-151	-128	-446
Fruit and vegetables	1 296	2 263	6 094
Meat and meat preparations	-99	197	-308
Dairy products (milk equivalent)	-29	35	-86
Fish	1 658	2 877	4 813
<b>Environment</b>			
Forest area (% total land area)	21	22	24
Agricultural area (% total land area)	21	21	21
Freshwater withdrawal (% tot renewable)	2.2	3.8	
Terrestrial protected areas (% total land area)			18
Organic area (ha)		23	16
Wood pellet production (1 000 t)			30
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	10 816	11 771	13 895
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-12 482	-6 889	-105 088

# China

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	1 267.7	1 351.5	1 441.1
Rural population, total (mill.)	861.1	764.0	601.3
Govt. expenditure on agric. (% total outlays)		2.7	2.9
Area harvested, crops (mill. ha)	155.0	162.4	180.6
Cropping intensity ratio	1.2	1.3	1.3
Total renewable water resources per cap. (m <sup>3</sup> )	2 226	2 104	1 979
Land area equipped for irrigation (1 000 ha)	51 376	62 276	73 003
<b>Agric. area actually irrigated (% agric. area)</b>			
Employment in agriculture (%)	48.7	35.3	18.1
Employment in agriculture, female (%)	51.0	38.9	21.1
Fertilizers use, nitrogen (1 000 t nutrients)		26 781.3	30 624.2
Fertilizers use, phosphate (1 000 t nutrients)		11 882.8	15 785.2
Fertilizers use, potash (1 000 t nutrients)		9 309.3	13 847.7
Agric. value added per worker (constant USD)	1 018	1 787	5 326
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 876	3 211
Average dietary energy supply adequacy (%)		117	131
Dietary energy supply, cereals/roots/tubers (%)		56	51
Prevalence of undernourishment (%)		15.2	8.7
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		5 922	14 644
Cereal import dependency ratio (%)		1.6	3.4
Stunting, children under 5 (%)		9.4	8.1
Wasting, children under 5 (%)			1.9
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	263 033	402 564	555 458
Agriculture, value added (% GDP)	20	12	9
Food (excl. fish) exports (mill. USD)	8 127	13 858	34 110
Food (excl. fish) imports (mill. USD)	15 500	23 984	101 514
<b>Production indices (2004–06 = 100)</b>			
Food	66	100	138
Crops	68	100	144
Cereals	98	100	130
Vegetable oils	78	102	113
Roots and tubers	90	108	120
Fruit and vegetables	46	100	162
Sugar	87	97	132
Livestock	66	100	130
Milk	31	101	132
Meat	67	100	128
Fish	68	100	154
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-5 145	-1 547	-11 464
Fruit and vegetables	1 718	4 197	7 595
Meat and meat preparations	1 148	-730	-14 855
Dairy products (milk equivalent)	-709	-932	-5 571
Fish	1 753	3 857	7 711
<b>Environment</b>			
Forest area (% total land area)	18	20	22
Agricultural area (% total land area)	56	55	56
Freshwater withdrawal (% tot renewable)	18.5	20.1	20.9
Terrestrial protected areas (% total land area)			17
Organic area (ha)		2 301	2 288
Wood pellet production (1 000 t)			485
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	630 283	648 140	691 230
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-320 985	-339 340	-311 371

# Colombia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	37.4	43.3	49.1
Rural population, total (mill.)	10.8	11.4	11.7
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	4.1	4.0	4.3
Cropping intensity ratio	0.9	1.1	1.2
Total renewable water resources per cap. (m <sup>3</sup> )	61 069	53 183	48 506
Land area equipped for irrigation (1 000 ha)	900	900	1 090
Agric. area actually irrigated (% agric. area)			1.5
Employment in agriculture (%)	24.6	20.7	16.1
Employment in agriculture, female (%)	6.5	7.0	6.8
Fertilizers use, nitrogen (1 000 t nutrients)		481.6	564.9
Fertilizers use, phosphate (1 000 t nutrients)		198.4	207.4
Fertilizers use, potash (1 000 t nutrients)		221.8	341.3
Agric. value added per worker (constant USD)	5 236	4 841	5 802
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 760	2 977
Average dietary energy supply adequacy (%)		119	127
Dietary energy supply, cereals/roots/tubers (%)		35	34
Prevalence of undernourishment (%)		9.7	6.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		9 264	13 135
Cereal import dependency ratio (%)		55.4	63.8
Stunting, children under 5 (%)		16.2	
Wasting, children under 5 (%)		1.5	
Safely managed drinking water (% pop. using)		69.2	71.1
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	9 076	11 411	13 476
Agriculture, value added (% GDP)	9	8	7
Food (excl. fish) exports (mill. USD)	836	1 708	2 455
Food (excl. fish) imports (mill. USD)	1 002	1 353	4 117
<b>Production indices (2004–06 = 100)</b>			
Food	79	99	117
Crops	83	99	115
Cereals	82	100	98
Vegetable oils	59	100	162
Roots and tubers	119	94	120
Fruit and vegetables	67	99	125
Sugar	82	102	94
Livestock	80	98	116
Milk	78	97	82
Meat	82	99	130
Fish	95	103	104
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-474	-596	-1 629
Fruit and vegetables	325	425	587
Meat and meat preparations	-23	-5	-189
Dairy products (milk equivalent)	-16	49	-135
Fish	131	50	-261
<b>Environment</b>			
Forest area (% total land area)	57	54	53
Agricultural area (% total land area)	40	38	40
Freshwater withdrawal (% tot renewable)	0.4	0.5	
Terrestrial protected areas (% total land area)			14
Organic area (ha)		46	32
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	53 452	55 826	50 978
Net emissions in land use (CO <sub>2</sub> eq. Gg)	148 876	170 197	18 233

## Comoros

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	0.5	0.6	0.8
Rural population, total (mill.)	0.3	0.4	0.6
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	0.8	0.8	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	2 369	1 848	1 508
Land area equipped for irrigation (1 000 ha)	0	0	0
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	57.1	55.8	55.2
Employment in agriculture, female (%)	65.1	63.3	61.9
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)	2 191	2 442	2 377
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 391	2 325
Average dietary energy supply adequacy (%)		110	105
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		1 472	1 411
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	59	63	71
Agriculture, value added (% GDP)	30	36	42
Food (excl. fish) exports (mill. USD)	7	13	46
Food (excl. fish) imports (mill. USD)	27	38	103
<b>Production indices (2004–06 = 100)</b>			
Food	89	96	109
Crops	88	96	109
Cereals	90	95	181
Vegetable oils	88	101	125
Roots and tubers	84	100	113
Fruit and vegetables	87	99	72
Sugar			
Livestock	99	100	109
Milk	98	100	108
Meat	101	99	112
Fish	122	100	153
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-16	-16	-37
Fruit and vegetables	-1	-2	-36
Meat and meat preparations	-4	-11	-19
Dairy products (milk equivalent)	-1	-2	-2
Fish	0	-1	-3
<b>Environment</b>			
Forest area (% total land area)	25	23	20
Agricultural area (% total land area)	66	71	71
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			10
Organic area (ha)		1	3
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	178	183	261
Net emissions in land use (CO <sub>2</sub> eq. Gg)	57	91	68

# Congo

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	2.8	3.7	5.3
Rural population, total (mill.)	1.2	1.4	1.7
Govt. expenditure on agric. (% total outlays)		1.4	
Area harvested, crops (mill. ha)	0.2	0.3	0.4
Cropping intensity ratio	0.4	0.5	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	289 492	223 897	162 315
Land area equipped for irrigation (1 000 ha)	2	2	2
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	40.3	40.0	36.7
Employment in agriculture, female (%)	41.4	41.5	37.7
Fertilizers use, nitrogen (1 000 t nutrients)		0.0	0.3
Fertilizers use, phosphate (1 000 t nutrients)		0.0	0.1
Fertilizers use, potash (1 000 t nutrients)		0.5	0.7
Agric. value added per worker (constant USD)	793	801	1 005
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 047	2 078
Average dietary energy supply adequacy (%)		93	94
Dietary energy supply, cereals/roots/tubers (%)		59	60
Prevalence of undernourishment (%)		40.2	37.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		4 743	5 251
Cereal import dependency ratio (%)		89.5	91.7
Stunting, children under 5 (%)		31.2	21.2
Wasting, children under 5 (%)		8.0	8.2
Safely managed drinking water (% pop. using)		31.6	37.0
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	236	325	447
Agriculture, value added (% GDP)	10	5	9
Food (excl. fish) exports (mill. USD)	9	29	14
Food (excl. fish) imports (mill. USD)	97	148	553
<b>Production indices (2004–06 = 100)</b>			
Food	73	100	138
Crops	77	100	126
Cereals	50	101	133
Vegetable oils	89	95	89
Roots and tubers	77	100	136
Fruit and vegetables	73	100	122
Sugar	69	104	116
Livestock	57	101	177
Milk	80	108	156
Meat	57	101	178
Fish	81	96	153
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-36	-72	-200
Fruit and vegetables	-4	-8	-28
Meat and meat preparations	-30	-21	-177
Dairy products (milk equivalent)	-13	-14	-25
Fish	-17	-10	-70
<b>Environment</b>			
Forest area (% total land area)	66	66	65
Agricultural area (% total land area)	31	31	31
Freshwater withdrawal (% tot renewable)		0.0	
Terrestrial protected areas (% total land area)			41
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	1 069	1 273	1 553
Net emissions in land use (CO <sub>2</sub> eq. Gg)	13 864	14 310	13 303

## Cook Islands

	1995	2005	2016
<b>The setting</b>			
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)			
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.6	0.5	1.1
Total renewable water resources per cap. (m <sup>3</sup> )			
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)			
Employment in agriculture, female (%)			
Fertilizers use, nitrogen (1 000 t nutrients)		0.0	0.0
Fertilizers use, phosphate (1 000 t nutrients)		0.0	0.0
Fertilizers use, potash (1 000 t nutrients)		0.0	0.0
Agric. value added per worker (constant USD)			
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)			
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	4	2	2
Agriculture, value added (% GDP)	8	7	8
Food (excl. fish) exports (mill. USD)	0	2	0
Food (excl. fish) imports (mill. USD)	8	16	24
<b>Production indices (2004–06 = 100)</b>			
Food	155	100	91
Crops	189	100	83
Cereals			
Vegetable oils	189	87	86
Roots and tubers	154	102	60
Fruit and vegetables	203	102	95
Sugar			
Livestock	93	99	107
Milk			
Meat	89	99	103
Fish	27	100	56
<b>Net trade (mill. USD)</b>			
Cereals and preparations			-3
Fruit and vegetables	0	-1	-3
Meat and meat preparations			-8
Dairy products (milk equivalent)			-3
Fish	0	1	3
<b>Environment</b>			
Forest area (% total land area)	61	63	63
Agricultural area (% total land area)	21	11	6
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			
Organic area (ha)			0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	15	14	14
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-50	-10	0

## Costa Rica

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	3.5	4.2	4.9
Rural population, total (mill.)	1.6	1.5	1.1
Govt. expenditure on agric. (% total outlays)		2.4	1.3
Area harvested, crops (mill. ha)	0.5	0.5	0.5
Cropping intensity ratio	0.9	1.0	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	30 682	25 864	23 264
Land area equipped for irrigation (1 000 ha)	92	102	102
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	21.8	15.2	12.2
Employment in agriculture, female (%)	6.3	4.8	4.2
Fertilizers use, nitrogen (1 000 t nutrients)		68.0	98.9
Fertilizers use, phosphate (1 000 t nutrients)		21.6	10.7
Fertilizers use, potash (1 000 t nutrients)		53.9	40.0
Agric. value added per worker (constant USD)	5 735	7 857	10 777
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 816	2 905
Average dietary energy supply adequacy (%)		117	119
Dietary energy supply, cereals/roots/tubers (%)		34	32
Prevalence of undernourishment (%)		5.4	4.4
Prevalence of severe food insecurity (%)			4.8
GDP per capita (USD, PPP)		11 026	15 195
Cereal import dependency ratio (%)		85.5	85.0
Stunting, children under 5 (%)		5.6	
Wasting, children under 5 (%)		1.0	
Safely managed drinking water (% pop. using)		78.7	89.8
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 771	2 316	3 104
Agriculture, value added (% GDP)	13	9	5
Food (excl. fish) exports (mill. USD)	1 135	1 687	3 807
Food (excl. fish) imports (mill. USD)	277	475	1 555
<b>Production indices (2004–06 = 100)</b>			
Food	75	98	131
Crops	74	97	130
Cereals	99	96	105
Vegetable oils	53	100	176
Roots and tubers	92	98	120
Fruit and vegetables	66	96	137
Sugar	85	94	97
Livestock	87	102	127
Milk	74	99	145
Meat	92	105	116
Fish	56	106	86
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-110	-125	-336
Fruit and vegetables	905	1 080	2 382
Meat and meat preparations	48	40	-39
Dairy products (milk equivalent)	-2	18	81
Fish	101	90	-41
<b>Environment</b>			
Forest area (% total land area)	48	49	55
Agricultural area (% total land area)	40	35	34
Freshwater withdrawal (% tot renewable)			2.1
Terrestrial protected areas (% total land area)			28
Organic area (ha)		10	8
Wood pellet production (1 000 t)			24
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	3 654	3 053	3 612
Net emissions in land use (CO <sub>2</sub> eq. Gg)	6 204	-7 628	-11 343



## Côte d'Ivoire

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	14.5	18.3	24.3
Rural population, total (mill.)	8.4	9.2	9.9
Govt. expenditure on agric. (% total outlays)			5.1
Area harvested, crops (mill. ha)	6.3	6.8	10.3
Cropping intensity ratio	0.9	1.0	1.4
Total renewable water resources per cap. (m <sup>3</sup> )	5 501	4 461	3 551
Land area equipped for irrigation (1 000 ha)	73	73	73
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	51.7	50.5	48.9
Employment in agriculture, female (%)	47.1	46.2	41.1
Fertilizers use, nitrogen (1 000 t nutrients)		16.2	56.7
Fertilizers use, phosphate (1 000 t nutrients)		10.7	43.8
Fertilizers use, potash (1 000 t nutrients)		22.9	49.3
Agric. value added per worker (constant USD)		2 008	2 109
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 627	2 625
Average dietary energy supply adequacy (%)		120	119
Dietary energy supply, cereals/roots/tubers (%)		65	66
Prevalence of undernourishment (%)		20.0	20.7
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		2 682	3 425
Cereal import dependency ratio (%)		51.7	53.5
Stunting, children under 5 (%)		40.1	21.6
Wasting, children under 5 (%)		8.4	6.0
Safely managed drinking water (% pop. using)		39.7	45.8
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	3 743	4 693	6 220
Agriculture, value added (% GDP)	24	23	19
Food (excl. fish) exports (mill. USD)	1 509	2 452	5 803
Food (excl. fish) imports (mill. USD)	398	609	1 331
<b>Production indices (2004–06 = 100)</b>			
Food	78	98	130
Crops	77	100	128
Cereals	94	101	204
Vegetable oils	96	91	138
Roots and tubers	70	99	120
Fruit and vegetables	90	100	100
Sugar	81	100	136
Livestock	80	100	133
Milk	77	100	103
Meat	83	100	134
Fish	137	85	140
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-192	-335	-778
Fruit and vegetables	147	212	591
Meat and meat preparations	-9	-46	-73
Dairy products (milk equivalent)	-43	-45	-70
Fish	72	-102	-271
<b>Environment</b>			
Forest area (% total land area)	32	33	33
Agricultural area (% total land area)	62	64	65
Freshwater withdrawal (% tot renewable)	1.5	1.8	
Terrestrial protected areas (% total land area)			23
Organic area (ha)		13	42
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	4 899	5 465	5 716
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-5 699	-9 032	5 589

# Croatia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	4.6	4.4	4.2
Rural population, total (mill.)	2.1	1.9	1.7
Govt. expenditure on agric. (% total outlays)		2.5	4.3
Area harvested, crops (mill. ha)	0.9	0.8	0.8
Cropping intensity ratio	0.7	0.9	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	23 279	24 214	25 040
Land area equipped for irrigation (1 000 ha)	3	12	29
Agric. area actually irrigated (% agric. area)		1.2	1.0
Employment in agriculture (%)	20.6	17.3	7.6
Employment in agriculture, female (%)	22.0	18.9	5.5
Fertilizers use, nitrogen (1 000 t nutrients)		124.9	72.3
Fertilizers use, phosphate (1 000 t nutrients)		76.4	13.2
Fertilizers use, potash (1 000 t nutrients)		55.8	18.5
Agric. value added per worker (constant USD)	5 481	8 230	16 470
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 998	3 059
Average dietary energy supply adequacy (%)		119	123
Dietary energy supply, cereals/roots/tubers (%)		33	32
Prevalence of undernourishment (%)		2.9	<2.5
Prevalence of severe food insecurity (%)			0.8
GDP per capita (USD, PPP)		19 542	21 800
Cereal import dependency ratio (%)		3.0	-11.6
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		91.7	90.5
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 086	1 262	1 625
Agriculture, value added (% GDP)	6	4	3
Food (excl. fish) exports (mill. USD)	333	576	1 483
Food (excl. fish) imports (mill. USD)	683	1 005	2 113
<b>Production indices (2004–06 = 100)</b>			
Food	86	100	128
Crops	87	99	133
Cereals	91	100	118
Vegetable oils	62	111	185
Roots and tubers	249	104	75
Fruit and vegetables	77	96	155
Sugar	50	97	84
Livestock	85	103	94
Milk	75	102	87
Meat	97	105	96
Fish	43	99	187
<b>Net trade (mill. USD)</b>			
Cereals and preparations	27	-84	27
Fruit and vegetables	-180	-184	-339
Meat and meat preparations	-65	-45	-257
Dairy products (milk equivalent)	-49	-29	-134
Fish	12	-8	47
<b>Environment</b>			
Forest area (% total land area)	33	34	34
Agricultural area (% total land area)	42	22	28
Freshwater withdrawal (% tot renewable)			0.6
Terrestrial protected areas (% total land area)			38
Organic area (ha)		3	94
Wood pellet production (1 000 t)			235
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	2 895	3 006	2 731
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-11 606	-11 619	-3 836

# Cuba

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	10.9	11.3	11.5
Rural population, total (mill.)	2.8	2.7	2.5
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	2.2	1.8	1.5
Cropping intensity ratio	0.5	0.4	0.4
Total renewable water resources per cap. (m <sup>3</sup> )	3 465	3 378	3 322
Land area equipped for irrigation (1 000 ha)	877	710	560
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	25.1	20.2	18.3
Employment in agriculture, female (%)	12.8	9.4	7.8
Fertilizers use, nitrogen (1 000 t nutrients)		30.7	78.5
Fertilizers use, phosphate (1 000 t nutrients)		13.8	31.1
Fertilizers use, potash (1 000 t nutrients)		37.7	38.2
Agric. value added per worker (constant USD)	1 984	2 327	2 858
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 287	3 594
Average dietary energy supply adequacy (%)		134	147
Dietary energy supply, cereals/roots/tubers (%)		47	45
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)			
Cereal import dependency ratio (%)		73.3	72.2
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	2 405	2 554	2 998
Agriculture, value added (% GDP)	7	5	4
Food (excl. fish) exports (mill. USD)	764	196	396
Food (excl. fish) imports (mill. USD)	612	1 295	1 789
<b>Production indices (2004–06 = 100)</b>			
Food	88	94	110
Crops	72	97	93
Cereals	72	90	118
Vegetable oils	62	100	57
Roots and tubers	33	106	95
Fruit and vegetables	31	103	80
Sugar	217	75	122
Livestock	118	96	145
Milk	149	83	144
Meat	117	100	150
Fish	186	92	96
<b>Net trade (mill. USD)</b>			
Cereals and preparations		-545	-745
Fruit and vegetables	-32	-97	-156
Meat and meat preparations	-40	-172	-392
Dairy products (milk equivalent)	-97	-180	-160
Fish	99	23	27
<b>Environment</b>			
Forest area (% total land area)	21	25	31
Agricultural area (% total land area)	62	62	60
Freshwater withdrawal (% tot renewable)	13.7	13.0	18.3
Terrestrial protected areas (% total land area)			17
Organic area (ha)		15	1
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	10 953	8 927	10 142
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-34 737	-32 592	-13 946

# Cyprus

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	0.9	1.0	1.2
Rural population, total (mill.)	0.3	0.3	0.4
Govt. expenditure on agric. (% total outlays)		3.8	2.1
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	0.8	0.7	0.5
Total renewable water resources per cap. (m <sup>3</sup> )	876	734	667
Land area equipped for irrigation (1 000 ha)	40	45	46
Agric. area actually irrigated (% agric. area)		21.0	22.3
Employment in agriculture (%)	5.3	4.7	3.6
Employment in agriculture, female (%)	4.8	3.4	1.6
Fertilizers use, nitrogen (1 000 t nutrients)		7.2	8.0
Fertilizers use, phosphate (1 000 t nutrients)		4.9	5.4
Fertilizers use, potash (1 000 t nutrients)		1.3	3.3
Agric. value added per worker (constant USD)	35 709	30 592	21 655
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 675	2 749
Average dietary energy supply adequacy (%)		106	108
Dietary energy supply, cereals/roots/tubers (%)		23	28
Prevalence of undernourishment (%)		5.7	4.6
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		33 663	31 442
Cereal import dependency ratio (%)		100.0	100.0
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		96.5	99.6
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	432	386	310
Agriculture, value added (% GDP)	5	3	2
Food (excl. fish) exports (mill. USD)	212	160	296
Food (excl. fish) imports (mill. USD)	272	456	702
<b>Production indices (2004–06 = 100)</b>			
Food	110	99	79
Crops	138	95	64
Cereals	192	83	69
Vegetable oils	66	80	63
Roots and tubers	173	113	56
Fruit and vegetables	133	94	66
Sugar			
Livestock	91	101	89
Milk	91	97	103
Meat	90	103	84
Fish	17	108	14
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-97	-149	-194
Fruit and vegetables	141	28	-19
Meat and meat preparations	-19	-36	-96
Dairy products (milk equivalent)	-10	-12	77
Fish	-35	-24	-63
<b>Environment</b>			
Forest area (% total land area)	18	19	19
Agricultural area (% total land area)	15	18	12
Freshwater withdrawal (% tot renewable)	26.7	21.0	28.4
Terrestrial protected areas (% total land area)			19
Organic area (ha)		2	5 550
Wood pellet production (1 000 t)			0
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	422	405	376
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-66	-114	-304

# Czechia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	10.4	10.3	10.6
Rural population, total (mill.)	2.6	2.7	2.9
Govt. expenditure on agric. (% total outlays)		3.5	3.4
Area harvested, crops (mill. ha)	2.3	2.2	2.0
Cropping intensity ratio	0.7	0.7	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	1 275	1 273	1 239
Land area equipped for irrigation (1 000 ha)	36	47	46
Agric. area actually irrigated (% agric. area)		0.4	0.5
Employment in agriculture (%)	6.6	4.0	2.9
Employment in agriculture, female (%)	5.4	2.8	1.7
Fertilizers use, nitrogen (1 000 t nutrients)		215.1	404.2
Fertilizers use, phosphate (1 000 t nutrients)		43.4	47.4
Fertilizers use, potash (1 000 t nutrients)		28.9	37.6
Agric. value added per worker (constant USD)	11 211	22 204	27 112
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 306	3 256
Average dietary energy supply adequacy (%)		128	128
Dietary energy supply, cereals/roots/tubers (%)		32	31
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			<0.5
GDP per capita (USD, PPP)		25 781	31 339
Cereal import dependency ratio (%)		-26.2	-45.2
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		96.8	97.6
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	3 891	3 597	3 730
Agriculture, value added (% GDP)	4	2	2
Food (excl. fish) exports (mill. USD)	889	2 335	5 297
Food (excl. fish) imports (mill. USD)	1 072	2 987	6 274
<b>Production indices (2004–06 = 100)</b>			
Food	107	99	102
Crops	103	101	115
Cereals	85	100	116
Vegetable oils	71	94	137
Roots and tubers	143	120	83
Fruit and vegetables	205	96	98
Sugar	109	103	121
Livestock	115	100	88
Milk	109	102	110
Meat	115	98	74
Fish	92	101	100
<b>Net trade (mill. USD)</b>			
Cereals and preparations	139	160	626
Fruit and vegetables	-344	-681	-1 166
Meat and meat preparations	-3	-283	-763
Dairy products (milk equivalent)	171	115	130
Fish	-54	-75	-132
<b>Environment</b>			
Forest area (% total land area)	34	34	35
Agricultural area (% total land area)	55	55	45
Freshwater withdrawal (% tot renewable)	19.0	15.0	12.6
Terrestrial protected areas (% total land area)			22
Organic area (ha)		254	491
Wood pellet production (1 000 t)			330
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	7 621	5 811	6 759
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-12 539	-12 276	-12 496

## Democratic People's Republic of Korea

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	21.9	23.9	25.5
Rural population, total (mill.)	8.9	9.6	9.8
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	2.8	2.8	2.7
Cropping intensity ratio	1.1	1.1	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	3 469	3 200	3 041
Land area equipped for irrigation (1 000 ha)	1 460	1 460	1 460
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	66.6	67.6	67.2
Employment in agriculture, female (%)	69.5	71.4	70.5
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)			
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 176	2 083
Average dietary energy supply adequacy (%)		92	87
Dietary energy supply, cereals/roots/tubers (%)		68	68
Prevalence of undernourishment (%)		35.4	43.4
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)			
Cereal import dependency ratio (%)		27.2	13.6
Stunting, children under 5 (%)		43.1	
Wasting, children under 5 (%)		8.5	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	2 675	3 570	3 556
Agriculture, value added (% GDP)	28	25	22
Food (excl. fish) exports (mill. USD)	46	19	60
Food (excl. fish) imports (mill. USD)	337	455	660
<b>Production indices (2004–06 = 100)</b>			
Food	76	101	101
Crops	79	101	102
Cereals	81	102	106
Vegetable oils	112	98	102
Roots and tubers	23	101	86
Fruit and vegetables	88	101	101
Sugar			
Livestock	61	101	104
Milk	94	90	91
Meat	58	101	105
Fish	149	100	102
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-255	-351	-356
Fruit and vegetables	43	1	-33
Meat and meat preparations	-4	-6	-22
Dairy products (milk equivalent)			-9
Fish	66	80	9
<b>Environment</b>			
Forest area (% total land area)	63	52	41
Agricultural area (% total land area)	22	22	22
Freshwater withdrawal (% tot renewable)		11.2	
Terrestrial protected areas (% total land area)			2
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	5 170	4 813	4 429
Net emissions in land use (CO <sub>2</sub> eq. Gg)	12 419	12 066	14 225

## Democratic Republic of the Congo

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	41.6	54.8	81.3
Rural population, total (mill.)	28.2	33.8	42.4
Govt. expenditure on agric. (% total outlays)			6.8
Area harvested, crops (mill. ha)	6.3	6.0	6.5
Cropping intensity ratio	0.8	0.8	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	28 794	21 442	16 295
Land area equipped for irrigation (1 000 ha)	11	11	11
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	86.8	81.4	81.4
Employment in agriculture, female (%)	91.2	85.5	86.4
Fertilizers use, nitrogen (1 000 t nutrients)		0.4	11.3
Fertilizers use, phosphate (1 000 t nutrients)		0.0	1.5
Fertilizers use, potash (1 000 t nutrients)		0.0	4.8
Agric. value added per worker (constant USD)	329	231	244
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		594	805
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)		45.8	42.6
Wasting, children under 5 (%)		14.0	8.1
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	3 868	3 620	3 926
Agriculture, value added (% GDP)	57	22	19
Food (excl. fish) exports (mill. USD)	6	10	33
Food (excl. fish) imports (mill. USD)	266	416	684
<b>Production indices (2004–06 = 100)</b>			
Food	107	100	108
Crops	109	100	109
Cereals	101	100	101
Vegetable oils	110	100	153
Roots and tubers	109	100	102
Fruit and vegetables	108	100	104
Sugar	112	100	144
Livestock	100	100	106
Milk	112	100	113
Meat	100	100	106
Fish	67	100	101
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-141	-204	-161
Fruit and vegetables	-22	-21	-56
Meat and meat preparations	-44	-58	-137
Dairy products (milk equivalent)	-13	-33	-34
Fish	-47	-54	-142
<b>Environment</b>			
Forest area (% total land area)	70	69	67
Agricultural area (% total land area)	11	11	12
Freshwater withdrawal (% tot renewable)		0.1	
Terrestrial protected areas (% total land area)			13
Organic area (ha)		9	94
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	18 887	19 550	18 992
Net emissions in land use (CO <sub>2</sub> eq. Gg)	168 751	167 868	167 944

# Denmark

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	5.2	5.4	5.7
Rural population, total (mill.)	0.8	0.8	0.7
Govt. expenditure on agric. (% total outlays)		0.4	0.4
Area harvested, crops (mill. ha)	1.8	1.7	1.7
Cropping intensity ratio	0.8	0.7	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	1 137	1 097	1 050
Land area equipped for irrigation (1 000 ha)	481	449	218
Agric. area actually irrigated (% agric. area)		9.7	4.8
Employment in agriculture (%)	4.4	3.2	2.5
Employment in agriculture, female (%)	2.5	1.6	1.0
Fertilizers use, nitrogen (1 000 t nutrients)		179.0	214.6
Fertilizers use, phosphate (1 000 t nutrients)		41.7	33.0
Fertilizers use, potash (1 000 t nutrients)		99.0	63.8
Agric. value added per worker (constant USD)	29 179	41 839	54 399
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 401	3 367
Average dietary energy supply adequacy (%)		134	132
Dietary energy supply, cereals/roots/tubers (%)		28	28
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			1.0
GDP per capita (USD, PPP)		44 568	45 991
Cereal import dependency ratio (%)		-2.2	-11.2
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		94.5	96.7
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	5 603	5 869	5 973
Agriculture, value added (% GDP)	3	1	1
Food (excl. fish) exports (mill. USD)	7 785	10 079	11 981
Food (excl. fish) imports (mill. USD)	2 286	4 844	6 171
<b>Production indices (2004–06 = 100)</b>			
Food	97	102	103
Crops	101	102	104
Cereals	101	103	100
Vegetable oils	76	82	122
Roots and tubers	94	104	130
Fruit and vegetables	95	101	103
Sugar	119	105	64
Livestock	91	100	100
Milk	102	100	116
Meat	87	101	94
Fish	205	95	71
<b>Net trade (mill. USD)</b>			
Cereals and preparations	668	215	766
Fruit and vegetables	-334	-899	-1 057
Meat and meat preparations	3 511	3 534	2 803
Dairy products (milk equivalent)	1 316	1 420	1 736
Fish	886	1 131	1 191
<b>Environment</b>			
Forest area (% total land area)	13	13	15
Agricultural area (% total land area)	64	64	62
Freshwater withdrawal (% tot renewable)	15.3	9.3	
Terrestrial protected areas (% total land area)			18
Organic area (ha)		134	201
Wood pellet production (1 000 t)			150
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	11 070	9 742	9 690
Net emissions in land use (CO <sub>2</sub> eq. Gg)	606	1 705	-494



# Djibouti

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	0.6	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	11.7	12.0	5.9
Total renewable water resources per cap. (m <sup>3</sup> )	438	375	318
Land area equipped for irrigation (1 000 ha)	1	1	1
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	33.5	36.1	30.5
Employment in agriculture, female (%)	29.8	32.5	28.2
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)			
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 239	2 575
Average dietary energy supply adequacy (%)		97	108
Dietary energy supply, cereals/roots/tubers (%)		55	56
Prevalence of undernourishment (%)		32.2	19.7
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)			
Cereal import dependency ratio (%)		100.0	100.0
Stunting, children under 5 (%)		32.6	
Wasting, children under 5 (%)		26.0	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	42	52	73
Agriculture, value added (% GDP)	3	3	3
Food (excl. fish) exports (mill. USD)	4	15	63
Food (excl. fish) imports (mill. USD)	74	143	860
<b>Production indices (2004–06 = 100)</b>			
Food	76	95	133
Crops	85	102	129
Cereals	104	93	143
Vegetable oils			
Roots and tubers			
Fruit and vegetables	82	101	128
Sugar	100	100	102
Livestock	74	94	134
Milk	89	103	104
Meat	73	93	137
Fish	26	116	164
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-33	-53	-232
Fruit and vegetables	-4	-11	-48
Meat and meat preparations	-5	-9	-5
Dairy products (milk equivalent)	-9	-14	-24
Fish	-1	-1	-7
<b>Environment</b>			
Forest area (% total land area)	0	0	0
Agricultural area (% total land area)	63	73	73
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			2
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	574	650	651
Net emissions in land use (CO <sub>2</sub> eq. Gg)	0	0	0

# Dominica

	1995	2005	2016
<b>The setting</b>			
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	1.2	0.9	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	2 826	2 825	2 719
Land area equipped for irrigation (1 000 ha)			0
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)			
Employment in agriculture, female (%)			
Fertilizers use, nitrogen (1 000 t nutrients)		0.4	0.1
Fertilizers use, phosphate (1 000 t nutrients)		0.5	0.2
Fertilizers use, potash (1 000 t nutrients)		0.2	0.2
Agric. value added per worker (constant USD)			
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 933	2 985
Average dietary energy supply adequacy (%)		120	122
Dietary energy supply, cereals/roots/tubers (%)		33	36
Prevalence of undernourishment (%)		5.7	5.2
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		8 844	10 151
Cereal import dependency ratio (%)		100.0	100.0
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	28	25	28
Agriculture, value added (% GDP)	13	11	15
Food (excl. fish) exports (mill. USD)	24	13	5
Food (excl. fish) imports (mill. USD)	21	24	28
<b>Production indices (2004–06 = 100)</b>			
Food	114	100	110
Crops	115	99	115
Cereals	89	100	99
Vegetable oils	129	97	76
Roots and tubers	84	102	120
Fruit and vegetables	131	97	117
Sugar	105	100	110
Livestock	94	100	104
Milk	93	102	106
Meat	95	99	102
Fish	141	88	114
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-5	-5	-4
Fruit and vegetables	20	10	-2
Meat and meat preparations	-6	-6	-9
Dairy products (milk equivalent)	-4	-4	-7
Fish	-3	-2	-2
<b>Environment</b>			
Forest area (% total land area)	65	61	57
Agricultural area (% total land area)	23	29	33
Freshwater withdrawal (% tot renewable)	8.3	8.3	
Terrestrial protected areas (% total land area)			22
Organic area (ha)			0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	38	34	34
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-43	12	116

## Dominican Republic

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	7.9	9.2	10.8
Rural population, total (mill.)	3.4	3.0	2.1
Govt. expenditure on agric. (% total outlays)		5.7	1.8
Area harvested, crops (mill. ha)	1.0	0.8	0.9
Cropping intensity ratio	0.7	0.7	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	2 879	2 473	2 207
Land area equipped for irrigation (1 000 ha)	259	290	307
Agric. area actually irrigated (% agric. area)		9.9	
Employment in agriculture (%)	20.8	15.3	12.7
Employment in agriculture, female (%)	3.9	3.1	2.0
Fertilizers use, nitrogen (1 000 t nutrients)		36.8	41.5
Fertilizers use, phosphate (1 000 t nutrients)		3.4	19.7
Fertilizers use, potash (1 000 t nutrients)		7.5	9.4
Agric. value added per worker (constant USD)	2 987	4 380	6 946
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 304	2 697
Average dietary energy supply adequacy (%)		99	114
Dietary energy supply, cereals/roots/tubers (%)		30	32
Prevalence of undernourishment (%)		24.4	10.4
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		9 012	14 120
Cereal import dependency ratio (%)		77.7	74.7
Stunting, children under 5 (%)		10.5	7.1
Wasting, children under 5 (%)		1.9	2.4
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 617	2 088	3 135
Agriculture, value added (% GDP)	10	7	6
Food (excl. fish) exports (mill. USD)	274	302	1 166
Food (excl. fish) imports (mill. USD)	406	603	1 775
<b>Production indices (2004–06 = 100)</b>			
Food	76	98	148
Crops	83	95	171
Cereals	79	100	134
Vegetable oils	92	98	182
Roots and tubers	107	87	127
Fruit and vegetables	65	95	208
Sugar	107	96	93
Livestock	71	103	110
Milk	83	103	121
Meat	69	103	107
Fish	142	86	120
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-172	-269	-493
Fruit and vegetables	39	33	380
Meat and meat preparations	2	-9	-207
Dairy products (milk equivalent)	-75	-23	-197
Fish	-36	-64	-158
<b>Environment</b>			
Forest area (% total land area)	27	34	42
Agricultural area (% total land area)	53	50	49
Freshwater withdrawal (% tot renewable)		23.2	
Terrestrial protected areas (% total land area)			23
Organic area (ha)		72	205
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	5 702	6 316	7 985
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-9 988	-8 477	-8 702

# Ecuador

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	11.4	13.7	16.6
Rural population, total (mill.)	4.8	5.3	6.0
Govt. expenditure on agric. (% total outlays)		0.7	2.5
Area harvested, crops (mill. ha)	2.6	2.4	2.3
Cropping intensity ratio	0.9	1.0	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	37 099	31 144	27 000
Land area equipped for irrigation (1 000 ha)	850	1 055	1 500
Agric. area actually irrigated (% agric. area)		10.0	16.1
Employment in agriculture (%)	35.4	29.1	26.9
Employment in agriculture, female (%)	28.6	21.5	23.8
Fertilizers use, nitrogen (1 000 t nutrients)		116.3	196.4
Fertilizers use, phosphate (1 000 t nutrients)		38.6	41.0
Fertilizers use, potash (1 000 t nutrients)		40.6	99.7
Agric. value added per worker (constant USD)	2 602	3 508	4 258
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 336	2 614
Average dietary energy supply adequacy (%)		104	115
Dietary energy supply, cereals/roots/tubers (%)		38	45
Prevalence of undernourishment (%)		17.0	7.8
Prevalence of severe food insecurity (%)			7.1
GDP per capita (USD, PPP)		8 608	10 424
Cereal import dependency ratio (%)		33.7	31.6
Stunting, children under 5 (%)		25.9	23.9
Wasting, children under 5 (%)		2.1	1.6
Safely managed drinking water (% pop. using)		69.1	74.4
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	3 803	4 988	5 803
Agriculture, value added (% GDP)	22	9	9
Food (excl. fish) exports (mill. USD)	1 101	1 648	4 409
Food (excl. fish) imports (mill. USD)	256	550	986
<b>Production indices (2004–06 = 100)</b>			
Food	75	98	114
Crops	85	100	110
Cereals	79	95	109
Vegetable oils	65	102	119
Roots and tubers	120	94	120
Fruit and vegetables	84	100	106
Sugar	60	103	130
Livestock	65	96	124
Milk	75	96	111
Meat	60	96	130
Fish	108	106	205
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-94	-194	-374
Fruit and vegetables	870	1 239	3 095
Meat and meat preparations	0	-13	-9
Dairy products (milk equivalent)	-3	-6	-2
Fish	889	995	3 842
<b>Environment</b>			
Forest area (% total land area)	51	54	50
Agricultural area (% total land area)	29	30	22
Freshwater withdrawal (% tot renewable)		2.2	
Terrestrial protected areas (% total land area)			20
Organic area (ha)		49	40
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	12 803	12 856	11 615
Net emissions in land use (CO <sub>2</sub> eq. Gg)	42 451	33 904	33 899

# Egypt

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	63.7	76.8	97.6
Rural population, total (mill.)	35.0	40.9	49.5
Govt. expenditure on agric. (% total outlays)		2.5	1.3
Area harvested, crops (mill. ha)	4.5	5.1	5.7
Cropping intensity ratio	1.4	1.4	1.5
Total renewable water resources per cap. (m <sup>3</sup> )	900	751	609
Land area equipped for irrigation (1 000 ha)	3 283	3 500	3 714
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	34.0	30.9	25.6
Employment in agriculture, female (%)	42.5	46.7	38.4
Fertilizers use, nitrogen (1 000 t nutrients)		1 468.1	1 369.8
Fertilizers use, phosphate (1 000 t nutrients)		208.0	370.7
Fertilizers use, potash (1 000 t nutrients)		48.5	68.6
Agric. value added per worker (constant USD)	3 290	3 777	5 100
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 355	3 537
Average dietary energy supply adequacy (%)		144	152
Dietary energy supply, cereals/roots/tubers (%)		65	65
Prevalence of undernourishment (%)		5.4	4.8
Prevalence of severe food insecurity (%)			10.1
GDP per capita (USD, PPP)		8 002	10 324
Cereal import dependency ratio (%)		30.3	42.1
Stunting, children under 5 (%)		23.8	22.3
Wasting, children under 5 (%)		5.3	9.5
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	12 293	18 073	22 912
Agriculture, value added (% GDP)	16	14	12
Food (excl. fish) exports (mill. USD)	320	898	2 919
Food (excl. fish) imports (mill. USD)	2 795	3 417	8 480
<b>Production indices (2004–06 = 100)</b>			
Food	67	99	125
Crops	69	99	125
Cereals	73	101	108
Vegetable oils	70	90	133
Roots and tubers	94	117	177
Fruit and vegetables	63	98	130
Sugar	73	100	159
Livestock	61	99	123
Milk	55	102	93
Meat	64	97	136
Fish	45	98	188
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-1 249	-1 338	-2 926
Fruit and vegetables	46	65	1 015
Meat and meat preparations	-210	-321	-1 326
Dairy products (milk equivalent)	-166	-134	-581
Fish	-76	-145	-678
<b>Environment</b>			
Forest area (% total land area)	0	0	0
Agricultural area (% total land area)	3	4	4
Freshwater withdrawal (% tot renewable)	100.6		
Terrestrial protected areas (% total land area)			13
Organic area (ha)		25	106
Wood pellet production (1 000 t)			25
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	23 240	30 848	31 000
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-547	-583	-218

## El Salvador

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	5.6	6.0	6.4
Rural population, total (mill.)	2.6	2.3	2.1
Govt. expenditure on agric. (% total outlays)		1.0	1.2
Area harvested, crops (mill. ha)	0.8	0.7	0.8
Cropping intensity ratio	0.9	0.8	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	4 615	4 389	4 140
Land area equipped for irrigation (1 000 ha)	43	45	45
Agric. area actually irrigated (% agric. area)		1.9	1.4
Employment in agriculture (%)	27.0	20.0	18.7
Employment in agriculture, female (%)	7.6	4.7	4.0
Fertilizers use, nitrogen (1 000 t nutrients)		68.3	66.7
Fertilizers use, phosphate (1 000 t nutrients)		22.1	17.3
Fertilizers use, potash (1 000 t nutrients)		1.4	13.6
Agric. value added per worker (constant USD)	2 915	2 652	2 540
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 572	2 635
Average dietary energy supply adequacy (%)		116	116
Dietary energy supply, cereals/roots/tubers (%)		48	48
Prevalence of undernourishment (%)		10.5	10.3
Prevalence of severe food insecurity (%)			11.7
GDP per capita (USD, PPP)		5 937	7 164
Cereal import dependency ratio (%)		45.6	39.4
Stunting, children under 5 (%)		24.6	13.6
Wasting, children under 5 (%)		1.3	2.1
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	703	835	1 010
Agriculture, value added (% GDP)	13	10	10
Food (excl. fish) exports (mill. USD)	136	292	626
Food (excl. fish) imports (mill. USD)	327	725	1 430
<b>Production indices (2004–06 = 100)</b>			
Food	83	99	120
Crops	101	98	111
Cereals	104	101	120
Vegetable oils	160	101	117
Roots and tubers	123	101	113
Fruit and vegetables	94	104	91
Sugar	73	91	149
Livestock	70	101	112
Milk	68	105	130
Meat	68	100	104
Fish	35	97	139
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-67	-84	-231
Fruit and vegetables	-25	-111	-135
Meat and meat preparations	-17	-71	-160
Dairy products (milk equivalent)	-54	-87	-153
Fish	23	30	58
<b>Environment</b>			
Forest area (% total land area)	17	15	13
Agricultural area (% total land area)	70	76	76
Freshwater withdrawal (% tot renewable)	2.8	8.1	
Terrestrial protected areas (% total land area)			9
Organic area (ha)		5	1
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	2 504	2 971	2 383
Net emissions in land use (CO <sub>2</sub> eq. Gg)	872	875	733

## Equatorial Guinea

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	0.5	0.8	1.3
Rural population, total (mill.)	0.3	0.4	0.5
Govt. expenditure on agric. (% total outlays)		1.7	
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	0.5	0.5	0.5
Total renewable water resources per cap. (m <sup>3</sup> )	54 189	39 051	21 285
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	79.5	57.2	58.6
Employment in agriculture, female (%)	83.5	65.0	67.9
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)		1 282	1 170
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		31 372	24 240
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)		35.0	
Wasting, children under 5 (%)		2.8	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	31	37	43
Agriculture, value added (% GDP)	11	2	3
Food (excl. fish) exports (mill. USD)	4	2	3
Food (excl. fish) imports (mill. USD)	6	24	150
<b>Production indices (2004–06 = 100)</b>			
Food	84	101	117
Crops	87	101	116
Cereals			
Vegetable oils	86	101	102
Roots and tubers	75	100	136
Fruit and vegetables	77	100	121
Sugar			
Livestock	86	104	105
Milk			
Meat	88	100	109
Fish	61	100	214
<b>Net trade (mill. USD)</b>			
Cereals and preparations			-37
Fruit and vegetables	0	0	-14
Meat and meat preparations			-54
Dairy products (milk equivalent)			
Fish	-2	-11	-17
<b>Environment</b>			
Forest area (% total land area)	64	60	55
Agricultural area (% total land area)	12	12	10
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			19
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	18	20	21
Net emissions in land use (CO <sub>2</sub> eq. Gg)	5 324	5 360	5 361

# Eritrea

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	3.1	4.0	5.1
Rural population, total (mill.)	2.8	3.9	5.5
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.5	0.7	0.7
Cropping intensity ratio	1.1	1.1	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	2 243	1 660	1 476
Land area equipped for irrigation (1 000 ha)	22	21	21
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	83.6	83.7	83.9
Employment in agriculture, female (%)	89.6	89.6	90.0
Fertilizers use, nitrogen (1 000 t nutrients)		1.4	1.9
Fertilizers use, phosphate (1 000 t nutrients)		0.0	0.0
Fertilizers use, potash (1 000 t nutrients)		0.0	0.0
Agric. value added per worker (constant USD)			
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		1 629	
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)		43.7	
Wasting, children under 5 (%)		14.9	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	171	243	235
Agriculture, value added (% GDP)	19	23	17
Food (excl. fish) exports (mill. USD)	4	1	0
Food (excl. fish) imports (mill. USD)	43	152	66
<b>Production indices (2004–06 = 100)</b>			
Food	76	108	105
Crops	84	119	80
Cereals	43	124	78
Vegetable oils	114	161	71
Roots and tubers	104	107	64
Fruit and vegetables	99	100	125
Sugar			
Livestock	71	100	123
Milk	52	102	113
Meat	78	99	129
Fish	53	60	64
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-32	-91	-18
Fruit and vegetables	-2	-13	-11
Meat and meat preparations			0
Dairy products (milk equivalent)	-3	-1	-1
Fish	0	1	0
<b>Environment</b>			
Forest area (% total land area)	16	15	15
Agricultural area (% total land area)	73	74	75
Freshwater withdrawal (% tot renewable)		8.0	
Terrestrial protected areas (% total land area)			5
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	2 704	3 869	4 204
Net emissions in land use (CO <sub>2</sub> eq. Gg)	1 221	616	660



# Estonia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	1.4	1.4	1.3
Rural population, total (mill.)	0.4	0.4	0.4
Govt. expenditure on agric. (% total outlays)		1.7	1.2
Area harvested, crops (mill. ha)	0.4	0.4	0.5
Cropping intensity ratio	0.4	0.6	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	9 085	9 531	9 760
Land area equipped for irrigation (1 000 ha)	2	1	3
Agric. area actually irrigated (% agric. area)		0.1	0.2
Employment in agriculture (%)	10.2	5.2	3.9
Employment in agriculture, female (%)	7.7	3.2	2.0
Fertilizers use, nitrogen (1 000 t nutrients)		20.1	45.9
Fertilizers use, phosphate (1 000 t nutrients)		6.3	12.6
Fertilizers use, potash (1 000 t nutrients)		9.7	19.9
Agric. value added per worker (constant USD)	4 729	13 404	24 137
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 150	3 253
Average dietary energy supply adequacy (%)		122	128
Dietary energy supply, cereals/roots/tubers (%)		33	37
Prevalence of undernourishment (%)		4.2	2.8
Prevalence of severe food insecurity (%)			<0.5
GDP per capita (USD, PPP)		22 807	28 110
Cereal import dependency ratio (%)		4.6	-38.8
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		94.4	81.7
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	440	406	518
Agriculture, value added (% GDP)	5	3	2
Food (excl. fish) exports (mill. USD)	160	355	764
Food (excl. fish) imports (mill. USD)	234	506	836
<b>Production indices (2004–06 = 100)</b>			
Food	110	102	129
Crops	108	117	148
Cereals	70	117	152
Vegetable oils	9	106	130
Roots and tubers	282	126	54
Fruit and vegetables	151	120	92
Sugar			
Livestock	113	97	126
Milk	117	99	123
Meat	105	94	132
Fish	145	108	83
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-32	-29	82
Fruit and vegetables	-32	-91	-164
Meat and meat preparations	-3	-30	-50
Dairy products (milk equivalent)	58	84	90
Fish	90	54	25
<b>Environment</b>			
Forest area (% total land area)	52	53	51
Agricultural area (% total land area)	23	21	23
Freshwater withdrawal (% tot renewable)	10.6	14.3	13.4
Terrestrial protected areas (% total land area)			20
Organic area (ha)		58	181
Wood pellet production (1 000 t)			1 212
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	3 014	2 490	2 637
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-498	6 818	4 400

# Eswatini

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	1.0	1.1	1.4
Rural population, total (mill.)	0.7	0.9	1.0
Govt. expenditure on agric. (% total outlays)		6.3	
Area harvested, crops (mill. ha)	0.2	0.2	0.2
Cropping intensity ratio	0.8	0.8	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	4 479	3 974	3 358
Land area equipped for irrigation (1 000 ha)	49	50	50
Agric. area actually irrigated (% agric. area)		3.7	
Employment in agriculture (%)	70.0	69.1	68.4
Employment in agriculture, female (%)	79.6	78.8	77.8
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)	2 120	2 578	2 240
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 388	2 341
Average dietary energy supply adequacy (%)		107	103
Dietary energy supply, cereals/roots/tubers (%)		54	58
Prevalence of undernourishment (%)		17.0	20.7
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		6 746	7 724
Cereal import dependency ratio (%)		68.0	68.8
Stunting, children under 5 (%)		29.5	25.5
Wasting, children under 5 (%)		2.9	2.0
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	226	282	312
Agriculture, value added (% GDP)	8	11	10
Food (excl. fish) exports (mill. USD)	273	225	375
Food (excl. fish) imports (mill. USD)	74	220	218
<b>Production indices (2004–06 = 100)</b>			
Food	83	103	114
Crops	79	103	113
Cereals	218	107	122
Vegetable oils	142	104	46
Roots and tubers	89	102	135
Fruit and vegetables	73	95	118
Sugar	69	104	112
Livestock	100	102	115
Milk	94	101	102
Meat	103	103	119
Fish	230	100	275
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-19	-61	-83
Fruit and vegetables	18	-8	3
Meat and meat preparations	-6	-18	-13
Dairy products (milk equivalent)	-9	-20	-17
Fish	0	-8	-7
<b>Environment</b>			
Forest area (% total land area)	29	31	34
Agricultural area (% total land area)	71	71	71
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			4
Organic area (ha)		0	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	977	931	910
Net emissions in land use (CO <sub>2</sub> eq. Gg)	233	259	286

# Ethiopia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	57.3	76.7	105.0
Rural population, total (mill.)	49.1	64.2	82.7
Govt. expenditure on agric. (% total outlays)		15.9	
Area harvested, crops (mill. ha)	9.4	13.5	15.5
Cropping intensity ratio	0.9	1.0	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	2 004	1 508	1 191
Land area equipped for irrigation (1 000 ha)	290	445	800
Agric. area actually irrigated (% agric. area)		0.4	
Employment in agriculture (%)	89.4	80.2	69.0
Employment in agriculture, female (%)	87.1	75.4	60.3
Fertilizers use, nitrogen (1 000 t nutrients)		80.5	154.9
Fertilizers use, phosphate (1 000 t nutrients)		59.3	63.0
Fertilizers use, potash (1 000 t nutrients)		0.0	0.3
Agric. value added per worker (constant USD)	281	321	538
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		1 943	2 330
Average dietary energy supply adequacy (%)		91	105
Dietary energy supply, cereals/roots/tubers (%)		79	76
Prevalence of undernourishment (%)		39.7	21.4
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		732	1 608
Cereal import dependency ratio (%)		6.1	7.0
Stunting, children under 5 (%)		50.7	38.4
Wasting, children under 5 (%)		12.3	9.9
Safely managed drinking water (% pop. using)		6.1	10.5
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	4 023	7 177	11 319
Agriculture, value added (% GDP)	52	42	34
Food (excl. fish) exports (mill. USD)	37	326	1 704
Food (excl. fish) imports (mill. USD)	209	438	1 877
<b>Production indices (2004–06 = 100)</b>			
Food	58	103	162
Crops	61	105	188
Cereals	55	110	218
Vegetable oils	37	114	218
Roots and tubers	70	99	131
Fruit and vegetables	48	107	136
Sugar	46	101	54
Livestock	57	97	120
Milk	37	93	136
Meat	66	99	112
Fish	65	97	465
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-154	-257	-772
Fruit and vegetables	13	10	743
Meat and meat preparations	1	18	100
Dairy products (milk equivalent)	-2	-6	-13
Fish	0	-1	-3
<b>Environment</b>			
Forest area (% total land area)	14	13	13
Agricultural area (% total land area)	31	34	36
Freshwater withdrawal (% tot renewable)		6.4	8.6
Terrestrial protected areas (% total land area)			18
Organic area (ha)		113	186
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	48 746	66 460	100 585
Net emissions in land use (CO <sub>2</sub> eq. Gg)	34 146	34 108	17 720

	1995	2005	2016
<b>The setting</b>			
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)		3.1	2.9
Area harvested, crops (mill. ha)	0.2	0.1	0.1
Cropping intensity ratio	0.6	0.6	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	36 007	34 204	31 766
Land area equipped for irrigation (1 000 ha)	3	4	4
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	50.6	44.2	39.2
Employment in agriculture, female (%)	50.9	44.1	38.5
Fertilizers use, nitrogen (1 000 t nutrients)		6.6	4.2
Fertilizers use, phosphate (1 000 t nutrients)		0.0	2.1
Fertilizers use, potash (1 000 t nutrients)		0.0	1.2
Agric. value added per worker (constant USD)	2 450	2 469	2 428
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 930	2 937
Average dietary energy supply adequacy (%)		124	124
Dietary energy supply, cereals/roots/tubers (%)		47	46
Prevalence of undernourishment (%)		4.3	4.4
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		7 427	8 447
Cereal import dependency ratio (%)		89.2	99.8
Stunting, children under 5 (%)		7.5	
Wasting, children under 5 (%)		6.3	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	244	226	190
Agriculture, value added (% GDP)	17	12	11
Food (excl. fish) exports (mill. USD)	239	198	148
Food (excl. fish) imports (mill. USD)	106	175	291
<b>Production indices (2004–06 = 100)</b>			
Food	107	99	83
Crops	111	98	72
Cereals	133	109	36
Vegetable oils	109	105	116
Roots and tubers	29	110	100
Fruit and vegetables	69	93	101
Sugar	137	94	52
Livestock	95	100	110
Milk	120	104	105
Meat	87	97	104
Fish	63	97	94
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-27	-25	-35
Fruit and vegetables	-11	-17	-48
Meat and meat preparations	-15	-25	-30
Dairy products (milk equivalent)	-13	-22	-40
Fish	14	14	53
<b>Environment</b>			
Forest area (% total land area)	53	55	56
Agricultural area (% total land area)	24	23	23
Freshwater withdrawal (% tot renewable)		0.3	
Terrestrial protected areas (% total land area)			5
Organic area (ha)		0	13
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	1 011	904	889
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-1 674	-2 045	-2 992

# Finland

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	5.1	5.3	5.5
Rural population, total (mill.)	1.0	0.9	0.9
Govt. expenditure on agric. (% total outlays)		2.9	1.8
Area harvested, crops (mill. ha)	1.2	1.3	1.1
Cropping intensity ratio	0.5	0.6	0.5
Total renewable water resources per cap. (m <sup>3</sup> )	21 397	20 798	19 989
Land area equipped for irrigation (1 000 ha)	88	80	55
Agric. area actually irrigated (% agric. area)			0.4
Employment in agriculture (%)	7.8	4.8	3.9
Employment in agriculture, female (%)	5.3	2.9	2.1
Fertilizers use, nitrogen (1 000 t nutrients)		192.5	138.1
Fertilizers use, phosphate (1 000 t nutrients)		29.8	9.8
Fertilizers use, potash (1 000 t nutrients)		77.9	32.9
Agric. value added per worker (constant USD)	32 825	44 019	69 759
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 209	3 368
Average dietary energy supply adequacy (%)		125	132
Dietary energy supply, cereals/roots/tubers (%)		32	31
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			2.2
GDP per capita (USD, PPP)		39 116	39 659
Cereal import dependency ratio (%)		-11.5	-19.7
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		95.3	96.9
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 832	1 967	1 877
Agriculture, value added (% GDP)	4	2	2
Food (excl. fish) exports (mill. USD)	726	947	1 084
Food (excl. fish) imports (mill. USD)	1 108	1 938	3 196
<b>Production indices (2004–06 = 100)</b>			
Food	95	102	97
Crops	94	107	93
Cereals	85	106	94
Vegetable oils	117	96	85
Roots and tubers	118	117	89
Fruit and vegetables	99	105	118
Sugar	104	111	41
Livestock	95	100	100
Milk	101	100	99
Meat	86	99	99
Fish	121	96	136
<b>Net trade (mill. USD)</b>			
Cereals and preparations	2	-125	-181
Fruit and vegetables	-358	-622	-1 015
Meat and meat preparations	-46	-51	-215
Dairy products (milk equivalent)	136	210	18
Fish	-91	-198	-380
<b>Environment</b>			
Forest area (% total land area)	73	73	73
Agricultural area (% total land area)	7	7	7
Freshwater withdrawal (% tot renewable)	2.4	6.0	
Terrestrial protected areas (% total land area)			15
Organic area (ha)		147	238
Wood pellet production (1 000 t)			271
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	6 399	5 998	5 472
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-24 554	-15 823	5 734

## The former Yugoslav Republic of Macedonia

	1995	2005	2016
<b>The setting</b>			
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	0.4	0.3
Cropping intensity ratio	0.6	0.7	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	3 250	3 120	3 075
Land area equipped for irrigation (1 000 ha)	61	128	128
Agric. area actually irrigated (% agric. area)		6.5	5.8
Employment in agriculture (%)	21.7	19.5	16.6
Employment in agriculture, female (%)	21.3	19.6	15.8
Fertilizers use, nitrogen (1 000 t nutrients)		18.1	22.5
Fertilizers use, phosphate (1 000 t nutrients)		5.4	5.9
Fertilizers use, potash (1 000 t nutrients)		4.3	4.5
Agric. value added per worker (constant USD)	6 613	8 070	7 885
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 826	2 957
Average dietary energy supply adequacy (%)		113	118
Dietary energy supply, cereals/roots/tubers (%)		38	37
Prevalence of undernourishment (%)		6.1	4.1
Prevalence of severe food insecurity (%)			3.3
GDP per capita (USD, PPP)		9 386	13 121
Cereal import dependency ratio (%)		22.2	28.1
Stunting, children under 5 (%)		11.5	
Wasting, children under 5 (%)		3.4	
Safely managed drinking water (% pop. using)		91.1	83.5
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	560	636	805
Agriculture, value added (% GDP)	11	10	9
Food (excl. fish) exports (mill. USD)	131	163	364
Food (excl. fish) imports (mill. USD)	250	330	605
<b>Production indices (2004–06 = 100)</b>			
Food	87	99	125
Crops	85	100	124
Cereals	111	100	102
Vegetable oils	87	98	97
Roots and tubers	78	97	105
Fruit and vegetables	82	99	136
Sugar	121	128	8
Livestock	94	97	113
Milk	67	95	148
Meat	122	101	82
Fish	103	111	128
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-20	-39	-21
Fruit and vegetables	17	43	97
Meat and meat preparations	-55	-67	-106
Dairy products (milk equivalent)	-16	-16	-36
Fish	-8	-12	-20
<b>Environment</b>			
Forest area (% total land area)	37	38	40
Agricultural area (% total land area)	51	48	50
Freshwater withdrawal (% tot renewable)	24.3	8.6	
Terrestrial protected areas (% total land area)			10
Organic area (ha)		0	3
Wood pellet production (1 000 t)			0
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	1 750	1 275	1 249
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-727	1 247	8

## France

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	58.2	61.2	65.0
Rural population, total (mill.)	14.6	14.1	13.1
Govt. expenditure on agric. (% total outlays)		0.7	0.3
Area harvested, crops (mill. ha)	12.9	13.5	14.1
Cropping intensity ratio	0.7	0.7	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	3 597	3 405	3 260
Land area equipped for irrigation (1 000 ha)	2 510	2 678	2 830
Agric. area actually irrigated (% agric. area)		5.8	5.0
Employment in agriculture (%)	4.9	3.6	2.9
Employment in agriculture, female (%)	3.7	2.3	1.6
Fertilizers use, nitrogen (1 000 t nutrients)		2 205.0	2 191.7
Fertilizers use, phosphate (1 000 t nutrients)		597.0	409.6
Fertilizers use, potash (1 000 t nutrients)		735.0	393.3
Agric. value added per worker (constant USD)	30 695	41 301	52 472
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 535	3 482
Average dietary energy supply adequacy (%)		141	140
Dietary energy supply, cereals/roots/tubers (%)		28	30
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			1.1
GDP per capita (USD, PPP)		36 506	38 063
Cereal import dependency ratio (%)		-81.0	-86.3
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		93.3	93.3
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	37 049	37 604	36 321
Agriculture, value added (% GDP)	2	2	1
Food (excl. fish) exports (mill. USD)	29 078	30 782	38 184
Food (excl. fish) imports (mill. USD)	19 545	24 308	36 807
<b>Production indices (2004–06 = 100)</b>			
Food	98	99	96
Crops	93	99	88
Cereals	81	98	83
Vegetable oils	85	106	106
Roots and tubers	84	98	101
Fruit and vegetables	106	98	87
Sugar	99	102	110
Livestock	103	101	103
Milk	99	101	104
Meat	104	101	102
Fish	108	99	81
<b>Net trade (mill. USD)</b>			
Cereals and preparations	5 510	5 299	6 442
Fruit and vegetables	-2 688	-3 881	-6 968
Meat and meat preparations	433	-255	-1 214
Dairy products (milk equivalent)	2 474	2 708	3 043
Fish	-2 228	-2 979	-4 477
<b>Environment</b>			
Forest area (% total land area)	27	29	31
Agricultural area (% total land area)	55	54	52
Freshwater withdrawal (% tot renewable)	14.4	14.7	
Terrestrial protected areas (% total land area)			26
Organic area (ha)		551	1 537
Wood pellet production (1 000 t)			1 150
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	76 198	72 195	69 353
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-23 818	-78 066	-78 825

# Gabon

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	1.1	1.4	2.0
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 renewable water resources per cap. (m <sup>3</sup> )	145 105	115 198	83 847
Land area equipped for irrigation (1 000 ha)	4	4	4
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	43.5	43.3	41.3
Employment in agriculture, female (%)	62.2	62.6	60.9
Fertilizers use, nitrogen (1 000 t nutrients)		0.6	3.4
Fertilizers use, phosphate (1 000 t nutrients)		0.3	2.3
Fertilizers use, potash (1 000 t nutrients)		1.9	3.0
Agric. value added per worker (constant USD)	4 673	3 966	3 874
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 703	2 830
Average dietary energy supply adequacy (%)		120	124
Dietary energy supply, cereals/roots/tubers (%)		50	51
Prevalence of undernourishment (%)		10.9	9.4
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		16 804	16 757
Cereal import dependency ratio (%)		78.2	87.3
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	191	223	265
Agriculture, value added (% GDP)	7	5	4
Food (excl. fish) exports (mill. USD)	3	9	2
Food (excl. fish) imports (mill. USD)	135	224	424
<b>Production indices (2004–06 = 100)</b>			
Food	86	100	119
Crops	84	100	127
Cereals	88	106	137
Vegetable oils	98	99	74
Roots and tubers	84	100	133
Fruit and vegetables	88	100	109
Sugar	97	102	140
Livestock	85	101	114
Milk	106	100	107
Meat	84	101	115
Fish	92	100	71
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-47	-67	-131
Fruit and vegetables	-11	-16	-40
Meat and meat preparations	-45	-69	-137
Dairy products (milk equivalent)	-14	-25	-36
Fish	1	13	-55
<b>Environment</b>			
Forest area (% total land area)	85	85	90
Agricultural area (% total land area)	20	20	20
Freshwater withdrawal (% tot renewable)		0.1	
Terrestrial protected areas (% total land area)			20
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	337	335	420
Net emissions in land use (CO <sub>2</sub> eq. Gg)	454	447	-94 129



# Gambia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	1.1	1.4	2.1
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	1.1	1.0	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	7 098	5 208	3 924
Land area equipped for irrigation (1 000 ha)	2	2	5
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	35.2	34.2	27.2
Employment in agriculture, female (%)	45.3	42.6	33.7
Fertilizers use, nitrogen (1 000 t nutrients)		1.7	0.3
Fertilizers use, phosphate (1 000 t nutrients)		0.8	0.1
Fertilizers use, potash (1 000 t nutrients)		0.8	0.1
Agric. value added per worker (constant USD)	1 237	1 491	1 173
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 434	2 656
Average dietary energy supply adequacy (%)		112	120
Dietary energy supply, cereals/roots/tubers (%)		55	62
Prevalence of undernourishment (%)		15.1	9.6
Prevalence of severe food insecurity (%)			25.9
GDP per capita (USD, PPP)		1 533	1 555
Cereal import dependency ratio (%)		39.4	37.7
Stunting, children under 5 (%)		27.6	25.0
Wasting, children under 5 (%)		7.4	11.1
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	91	128	146
Agriculture, value added (% GDP)	21	27	19
Food (excl. fish) exports (mill. USD)	12	17	41
Food (excl. fish) imports (mill. USD)	73	130	117
<b>Production indices (2004–06 = 100)</b>			
Food	66	94	107
Crops	60	92	105
Cereals	47	93	114
Vegetable oils	67	90	93
Roots and tubers	80	100	142
Fruit and vegetables	71	100	133
Sugar			
Livestock	82	100	107
Milk	85	100	109
Meat	79	100	103
Fish	67	100	166
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-34	-43	-51
Fruit and vegetables	-5	-14	-7
Meat and meat preparations	0	-8	-7
Dairy products (milk equivalent)		-9	2
Fish	4	0	2
<b>Environment</b>			
Forest area (% total land area)	45	47	48
Agricultural area (% total land area)	55	52	60
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			4
Organic area (ha)		0	
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	758	914	1 278
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-291	-332	-217

# Georgia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	5.0	4.5	3.9
Rural population, total (mill.)	2.3	2.1	2.0
Govt. expenditure on agric. (% total outlays)		2.0	2.4
Area harvested, crops (mill. ha)	0.6	0.7	0.3
Cropping intensity ratio	0.5	1.2	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	12 869	14 439	16 133
Land area equipped for irrigation (1 000 ha)	469	433	433
Agric. area actually irrigated (% agric. area)		4.0	
Employment in agriculture (%)	56.5	54.3	41.2
Employment in agriculture, female (%)	58.5	57.2	41.8
Fertilizers use, nitrogen (1 000 t nutrients)		24.1	51.0
Fertilizers use, phosphate (1 000 t nutrients)		0.7	5.4
Fertilizers use, potash (1 000 t nutrients)		0.2	2.4
Agric. value added per worker (constant USD)		960	1 356
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 916	2 848
Average dietary energy supply adequacy (%)		116	115
Dietary energy supply, cereals/roots/tubers (%)		56	57
Prevalence of undernourishment (%)		7.2	7.4
Prevalence of severe food insecurity (%)			8.9
GDP per capita (USD, PPP)		4 902	9 277
Cereal import dependency ratio (%)		76.6	58.9
Stunting, children under 5 (%)		14.7	
Wasting, children under 5 (%)		3.0	
Safely managed drinking water (% pop. using)		76.0	73.0
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 022	1 054	626
Agriculture, value added (% GDP)	42	15	8
Food (excl. fish) exports (mill. USD)	22	133	328
Food (excl. fish) imports (mill. USD)	327	429	746
<b>Production indices (2004–06 = 100)</b>			
Food	117	120	71
Crops	152	132	78
Cereals	91	124	80
Vegetable oils	1	115	9
Roots and tubers	121	128	92
Fruit and vegetables	179	135	73
Sugar			
Livestock	90	109	69
Milk	67	107	73
Meat	116	110	56
Fish	30	82	250
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-209	-180	-170
Fruit and vegetables	-20	65	115
Meat and meat preparations	-15	-28	-92
Dairy products (milk equivalent)	5	-20	-49
Fish	-1	-10	-9
<b>Environment</b>			
Forest area (% total land area)	40	40	41
Agricultural area (% total land area)	44	36	34
Freshwater withdrawal (% tot renewable)		2.9	
Terrestrial protected areas (% total land area)			8
Organic area (ha)		0	2
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	2 007	2 445	2 241
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-4 029	-3 523	5

# Germany

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	81.2	81.7	82.1
Rural population, total (mill.)	22.2	22.3	20.0
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	8.9	9.4	8.7
Cropping intensity ratio	0.7	0.8	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	1 878	1 905	1 880
Land area equipped for irrigation (1 000 ha)	485	510	676
Agric. area actually irrigated (% agric. area)		1.4	2.7
Employment in agriculture (%)	3.2	2.4	1.3
Employment in agriculture, female (%)	3.0	1.7	0.9
Fertilizers use, nitrogen (1 000 t nutrients)		1 785.0	1 658.8
Fertilizers use, phosphate (1 000 t nutrients)		273.9	231.1
Fertilizers use, potash (1 000 t nutrients)		426.1	430.1
Agric. value added per worker (constant USD)	18 535	24 519	38 593
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 442	3 499
Average dietary energy supply adequacy (%)		134	137
Dietary energy supply, cereals/roots/tubers (%)		28	28
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			0.8
GDP per capita (USD, PPP)		37 704	44 432
Cereal import dependency ratio (%)		-14.6	-8.6
Stunting, children under 5 (%)		1.3	
Wasting, children under 5 (%)		1.0	
Safely managed drinking water (% pop. using)		99.3	99.2
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	28 371	30 730	33 311
Agriculture, value added (% GDP)	1	1	1
Food (excl. fish) exports (mill. USD)	16 966	28 351	51 616
Food (excl. fish) imports (mill. USD)	29 324	36 977	62 049
<b>Production indices (2004–06 = 100)</b>			
Food	92	100	108
Crops	85	99	99
Cereals	83	99	98
Vegetable oils	62	97	87
Roots and tubers	83	101	94
Fruit and vegetables	96	100	107
Sugar	107	104	105
Livestock	95	100	113
Milk	100	101	117
Meat	91	100	110
Fish	94	101	97
<b>Net trade (mill. USD)</b>			
Cereals and preparations	924	2 106	3 237
Fruit and vegetables	-9 815	-10 018	-14 612
Meat and meat preparations	-3 118	33	2 483
Dairy products (milk equivalent)	1 353	1 758	1 968
Fish	-1 580	-1 733	-2 664
<b>Environment</b>			
Forest area (% total land area)	32	33	33
Agricultural area (% total land area)	50	49	48
Freshwater withdrawal (% tot renewable)	29.4	21.0	
Terrestrial protected areas (% total land area)			38
Organic area (ha)		807	1 136
Wood pellet production (1 000 t)			1 932
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	66 934	60 342	58 978
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-50 557	-18 300	-37 353

# Ghana

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	16.8	21.5	28.8
Rural population, total (mill.)	10.0	11.3	12.5
Govt. expenditure on agric. (% total outlays)		1.0	
Area harvested, crops (mill. ha)	4.3	6.5	6.9
Cropping intensity ratio	0.9	1.0	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	3 199	2 495	1 992
Land area equipped for irrigation (1 000 ha)	6	33	36
Agric. area actually irrigated (% agric. area)		0.1	0.2
Employment in agriculture (%)	53.9	49.0	41.2
Employment in agriculture, female (%)	51.1	45.8	37.4
Fertilizers use, nitrogen (1 000 t nutrients)		11.1	63.1
Fertilizers use, phosphate (1 000 t nutrients)		6.3	15.2
Fertilizers use, potash (1 000 t nutrients)		6.6	19.8
Agric. value added per worker (constant USD)		1 751	2 036
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 754	3 048
Average dietary energy supply adequacy (%)		124	135
Dietary energy supply, cereals/roots/tubers (%)		64	63
Prevalence of undernourishment (%)		9.3	6.1
Prevalence of severe food insecurity (%)			7.9
GDP per capita (USD, PPP)		2 539	3 983
Cereal import dependency ratio (%)		38.6	28.6
Stunting, children under 5 (%)		28.1	18.8
Wasting, children under 5 (%)		6.1	4.7
Safely managed drinking water (% pop. using)		19.0	26.9
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	3 314	5 223	8 021
Agriculture, value added (% GDP)	31	30	18
Food (excl. fish) exports (mill. USD)	375	1 098	3 130
Food (excl. fish) imports (mill. USD)	188	885	1 219
<b>Production indices (2004–06 = 100)</b>			
Food	63	100	153
Crops	63	100	154
Cereals	94	104	159
Vegetable oils	64	97	107
Roots and tubers	64	98	168
Fruit and vegetables	68	103	165
Sugar	79	100	109
Livestock	79	100	135
Milk	77	103	114
Meat	81	100	133
Fish	89	94	95
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-68	-327	-501
Fruit and vegetables	2	19	914
Meat and meat preparations	-15	-107	-144
Dairy products (milk equivalent)	-10	-107	-63
Fish	14	-93	-260
<b>Environment</b>			
Forest area (% total land area)	39	40	41
Agricultural area (% total land area)	58	66	69
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			15
Organic area (ha)		17	21
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	6 987	9 494	9 922
Net emissions in land use (CO <sub>2</sub> eq. Gg)	20 713	37 652	8 360

## Greece

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	10.8	11.3	11.2
Rural population, total (mill.)	3.0	2.8	2.4
Govt. expenditure on agric. (% total outlays)		0.1	0.4
Area harvested, crops (mill. ha)	3.1	3.0	2.9
Cropping intensity ratio	0.8	0.8	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	6 335	6 145	6 116
Land area equipped for irrigation (1 000 ha)	1 235	1 594	1 530
Agric. area actually irrigated (% agric. area)		16.6	19.7
Employment in agriculture (%)	20.4	12.2	12.4
Employment in agriculture, female (%)	23.9	13.5	11.7
Fertilizers use, nitrogen (1 000 t nutrients)		203.8	167.5
Fertilizers use, phosphate (1 000 t nutrients)		124.5	51.9
Fertilizers use, potash (1 000 t nutrients)		49.1	43.9
Agric. value added per worker (constant USD)	11 983	18 856	18 026
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 599	3 400
Average dietary energy supply adequacy (%)		141	135
Dietary energy supply, cereals/roots/tubers (%)		30	31
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			3.1
GDP per capita (USD, PPP)		29 559	24 212
Cereal import dependency ratio (%)		23.0	18.2
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		98.7	98.9
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	7 473	7 528	6 906
Agriculture, value added (% GDP)	7	4	3
Food (excl. fish) exports (mill. USD)	2 260	2 590	4 638
Food (excl. fish) imports (mill. USD)	2 978	4 300	4 890
<b>Production indices (2004–06 = 100)</b>			
Food	103	104	95
Crops	103	105	93
Cereals	100	103	89
Vegetable oils	92	109	103
Roots and tubers	115	98	64
Fruit and vegetables	106	100	101
Sugar	113	113	17
Livestock	100	102	92
Milk	96	100	92
Meat	103	103	91
Fish	92	99	100
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-280	-353	-266
Fruit and vegetables	833	574	1 370
Meat and meat preparations	-859	-1 125	-1 135
Dairy products (milk equivalent)	-482	-528	-154
Fish	-61	-93	107
<b>Environment</b>			
Forest area (% total land area)	27	29	32
Agricultural area (% total land area)	71	62	48
Freshwater withdrawal (% tot renewable)	12.7	14.0	
Terrestrial protected areas (% total land area)			35
Organic area (ha)		289	343
Wood pellet production (1 000 t)			0
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	8 745	7 981	7 313
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-645	-687	-646

# Grenada

	1995	2005	2016
<b>The setting</b>			
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)			2.3
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	1.5	1.1	2.0
Total renewable water resources per cap. (m <sup>3</sup> )	1 978	1 931	1 864
Land area equipped for irrigation (1 000 ha)	0	1	2
Agric. area actually irrigated (% agric. area)		2.9	
Employment in agriculture (%)			
Employment in agriculture, female (%)			
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)			
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 383	2 421
Average dietary energy supply adequacy (%)		99	100
Dietary energy supply, cereals/roots/tubers (%)		23	28
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		11 894	13 167
Cereal import dependency ratio (%)		86.4	100.0
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	19	11	18
Agriculture, value added (% GDP)	9	3	6
Food (excl. fish) exports (mill. USD)	12	12	13
Food (excl. fish) imports (mill. USD)	33	47	49
<b>Production indices (2004–06 = 100)</b>			
Food	139	79	128
Crops	151	74	133
Cereals	114	102	112
Vegetable oils	113	99	97
Roots and tubers	112	100	100
Fruit and vegetables	131	90	105
Sugar	94	98	105
Livestock	90	93	108
Milk	100	100	108
Meat	85	93	104
Fish	72	98	122
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-6	-6	-8
Fruit and vegetables	0	-6	-3
Meat and meat preparations	-11	-12	-14
Dairy products (milk equivalent)		-8	-8
Fish	2	1	5
<b>Environment</b>			
Forest area (% total land area)	50	50	50
Agricultural area (% total land area)	32	21	24
Freshwater withdrawal (% tot renewable)		5.0	7.1
Terrestrial protected areas (% total land area)			9
Organic area (ha)			0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	14	14	14
Net emissions in land use (CO <sub>2</sub> eq. Gg)	0	351	0

## Guatemala

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	10.4	13.1	16.9
Rural population, total (mill.)	5.7	6.7	8.1
Govt. expenditure on agric. (% total outlays)		3.0	1.8
Area harvested, crops (mill. ha)	1.5	1.8	2.5
Cropping intensity ratio	0.8	0.8	1.2
Total renewable water resources per cap. (m <sup>3</sup> )	11 764	9 269	7 713
Land area equipped for irrigation (1 000 ha)	129	315	338
Agric. area actually irrigated (% agric. area)		6.8	
Employment in agriculture (%)	22.8	36.0	29.4
Employment in agriculture, female (%)	5.9	15.5	9.3
Fertilizers use, nitrogen (1 000 t nutrients)		131.4	167.3
Fertilizers use, phosphate (1 000 t nutrients)		60.4	39.4
Fertilizers use, potash (1 000 t nutrients)		6.6	54.6
Agric. value added per worker (constant USD)	3 872	2 367	3 067
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 375	2 478
Average dietary energy supply adequacy (%)		114	114
Dietary energy supply, cereals/roots/tubers (%)		48	47
Prevalence of undernourishment (%)		15.8	15.8
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		6 269	7 369
Cereal import dependency ratio (%)		50.2	44.2
Stunting, children under 5 (%)		54.3	46.5
Wasting, children under 5 (%)		1.8	0.7
Safely managed drinking water (% pop. using)		53.6	60.8
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	2 072	3 123	5 026
Agriculture, value added (% GDP)	15	12	10
Food (excl. fish) exports (mill. USD)	661	1 164	3 734
Food (excl. fish) imports (mill. USD)	302	890	1 968
<b>Production indices (2004–06 = 100)</b>			
Food	67	100	162
Crops	65	100	166
Cereals	81	100	137
Vegetable oils	40	94	366
Roots and tubers	46	101	127
Fruit and vegetables	58	101	173
Sugar	83	97	181
Livestock	67	100	126
Milk	74	100	128
Meat	71	100	120
Fish	47	109	177
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-66	-258	-580
Fruit and vegetables	192	417	1 687
Meat and meat preparations	-2	-58	-187
Dairy products (milk equivalent)	-34	-94	-162
Fish	14	14	3
<b>Environment</b>			
Forest area (% total land area)	42	37	33
Agricultural area (% total land area)	42	43	36
Freshwater withdrawal (% tot renewable)		2.6	
Terrestrial protected areas (% total land area)			32
Organic area (ha)		12	13
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	5 558	6 755	9 106
Net emissions in land use (CO <sub>2</sub> eq. Gg)	16 069	18 147	8 160

# Guinea

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	7.9	9.7	12.7
Rural population, total (mill.)	5.5	6.4	8.0
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	2.1	2.9	4.5
Cropping intensity ratio	0.6	0.9	1.2
Total renewable water resources per cap. (m <sup>3</sup> )	27 128	22 259	18 232
Land area equipped for irrigation (1 000 ha)	93	95	95
Agric. area actually irrigated (% agric. area)		0.7	
Employment in agriculture (%)	71.1	70.1	67.7
Employment in agriculture, female (%)	75.0	74.0	71.4
Fertilizers use, nitrogen (1 000 t nutrients)		2.0	3.0
Fertilizers use, phosphate (1 000 t nutrients)		0.1	0.9
Fertilizers use, potash (1 000 t nutrients)		0.5	1.0
Agric. value added per worker (constant USD)	333	421	561
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 458	2 547
Average dietary energy supply adequacy (%)		113	115
Dietary energy supply, cereals/roots/tubers (%)		60	62
Prevalence of undernourishment (%)		21.3	19.7
Prevalence of severe food insecurity (%)			39.9
GDP per capita (USD, PPP)		1 504	1 894
Cereal import dependency ratio (%)		14.9	16.4
Stunting, children under 5 (%)		39.3	32.4
Wasting, children under 5 (%)		10.8	8.1
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 166	1 602	2 161
Agriculture, value added (% GDP)	23	14	18
Food (excl. fish) exports (mill. USD)	21	45	119
Food (excl. fish) imports (mill. USD)	220	196	679
<b>Production indices (2004–06 = 100)</b>			
Food	73	101	136
Crops	73	101	134
Cereals	61	100	157
Vegetable oils	70	100	121
Roots and tubers	84	100	171
Fruit and vegetables	86	102	109
Sugar	78	100	109
Livestock	61	99	136
Milk	62	99	154
Meat	62	99	133
Fish	65	105	123
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-117	-85	-365
Fruit and vegetables	-4	-16	9
Meat and meat preparations	-5	-5	-13
Dairy products (milk equivalent)	-13	-9	-32
Fish	-12	9	8
<b>Environment</b>			
Forest area (% total land area)	29	27	26
Agricultural area (% total land area)	57	57	59
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			31
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	6 455	9 296	15 317
Net emissions in land use (CO <sub>2</sub> eq. Gg)	14 070	13 883	14 090



# Guinea-Bissau

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	1.1	1.4	1.9
Rural population, total (mill.)	0.8	0.8	0.9
Govt. expenditure on agric. (% total outlays)			4.6
Area harvested, crops (mill. ha)	0.3	0.4	0.6
Cropping intensity ratio	0.8	0.8	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	25 446	20 563	17 294
Land area equipped for irrigation (1 000 ha)	20	25	25
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	85.5	84.6	83.6
Employment in agriculture, female (%)	91.1	90.5	89.6
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)		796	742
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 261	2 255
Average dietary energy supply adequacy (%)		104	102
Dietary energy supply, cereals/roots/tubers (%)		66	63
Prevalence of undernourishment (%)		24.4	26.0
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		1 338	1 499
Cereal import dependency ratio (%)		39.6	34.0
Stunting, children under 5 (%)		47.7	27.6
Wasting, children under 5 (%)		8.9	6.0
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	193	270	387
Agriculture, value added (% GDP)	52	44	43
Food (excl. fish) exports (mill. USD)	20	86	222
Food (excl. fish) imports (mill. USD)	28	44	121
<b>Production indices (2004–06 = 100)</b>			
Food	71	100	143
Crops	67	101	148
Cereals	109	104	131
Vegetable oils	81	104	148
Roots and tubers	72	100	130
Fruit and vegetables	85	100	132
Sugar	100	100	125
Livestock	83	100	130
Milk	86	100	130
Meat	80	100	131
Fish	92	101	97
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-19	-28	-49
Fruit and vegetables	19	84	213
Meat and meat preparations	-1	-1	-2
Dairy products (milk equivalent)	-2	-1	-14
Fish	2	4	4
<b>Environment</b>			
Forest area (% total land area)	77	74	70
Agricultural area (% total land area)	53	57	58
Freshwater withdrawal (% tot renewable)	0.6		
Terrestrial protected areas (% total land area)			17
Organic area (ha)		6	1
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	1 109	1 146	1 663
Net emissions in land use (CO <sub>2</sub> eq. Gg)	1 524	2 204	1 475

# Guyana

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	0.8	0.8	0.8
Rural population, total (mill.)	0.5	0.5	0.6
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.2	0.2	0.3
Cropping intensity ratio	0.4	0.4	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	369 310	363 466	350 445
Land area equipped for irrigation (1 000 ha)	150	147	143
Agric. area actually irrigated (% agric. area)		7.6	
Employment in agriculture (%)	32.8	23.5	14.3
Employment in agriculture, female (%)	20.4	7.8	4.3
Fertilizers use, nitrogen (1 000 t nutrients)		6.2	11.1
Fertilizers use, phosphate (1 000 t nutrients)		1.6	6.5
Fertilizers use, potash (1 000 t nutrients)		1.5	1.1
Agric. value added per worker (constant USD)	4 639	7 220	9 908
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 678	2 813
Average dietary energy supply adequacy (%)		118	121
Dietary energy supply, cereals/roots/tubers (%)		50	48
Prevalence of undernourishment (%)		9.4	7.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		4 699	7 266
Cereal import dependency ratio (%)		-64.8	-10.7
Stunting, children under 5 (%)		18.2	12.0
Wasting, children under 5 (%)		8.3	6.4
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	309	293	408
Agriculture, value added (% GDP)	34	24	13
Food (excl. fish) exports (mill. USD)	196	164	284
Food (excl. fish) imports (mill. USD)	50	98	190
<b>Production indices (2004–06 = 100)</b>			
Food	99	94	131
Crops	107	93	126
Cereals	114	91	112
Vegetable oils	96	91	175
Roots and tubers	103	97	78
Fruit and vegetables	117	106	418
Sugar	99	93	74
Livestock	60	101	144
Milk	58	100	251
Meat	58	101	126
Fish	87	98	77
<b>Net trade (mill. USD)</b>			
Cereals and preparations	58	21	103
Fruit and vegetables	-4	-7	-21
Meat and meat preparations	-8	-2	-7
Dairy products (milk equivalent)	-13	-31	-26
Fish	10	63	96
<b>Environment</b>			
Forest area (% total land area)	85	84	84
Agricultural area (% total land area)	9	9	9
Freshwater withdrawal (% tot renewable)	0.5		
Terrestrial protected areas (% total land area)			9
Organic area (ha)		0	
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	1 709	1 473	1 826
Net emissions in land use (CO <sub>2</sub> eq. Gg)	10 272	13 654	17 575

# Haiti

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	7.8	9.3	11.0
Rural population, total (mill.)	5.3	5.2	4.3
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	1.1	1.2	1.7
Cropping intensity ratio	1.0	1.0	1.3
Total renewable water resources per cap. (m <sup>3</sup> )	1 730	1 468	1 293
Land area equipped for irrigation (1 000 ha)	93	96	97
Agric. area actually irrigated (% agric. area)			4.3
Employment in agriculture (%)	52.7	49.7	41.5
Employment in agriculture, female (%)	36.7	34.3	27.2
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)	1 254	1 073	951
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		1 905	2 222
Average dietary energy supply adequacy (%)		84	96
Dietary energy supply, cereals/roots/tubers (%)		54	51
Prevalence of undernourishment (%)		57.1	45.8
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		1 562	1 654
Cereal import dependency ratio (%)		65.2	54.0
Stunting, children under 5 (%)		29.7	
Wasting, children under 5 (%)		10.3	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	770	925	1 433
Agriculture, value added (% GDP)	24	22	18
Food (excl. fish) exports (mill. USD)	10	12	25
Food (excl. fish) imports (mill. USD)	353	419	939
<b>Production indices (2004–06 = 100)</b>			
Food	84	101	157
Crops	90	102	172
Cereals	100	100	138
Vegetable oils	99	103	138
Roots and tubers	94	104	188
Fruit and vegetables	87	102	167
Sugar	113	99	139
Livestock	66	101	104
Milk	82	100	109
Meat	63	101	104
Fish	50	100	161
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-136	-186	-359
Fruit and vegetables	-19	-21	-55
Meat and meat preparations	-9	-30	-107
Dairy products (milk equivalent)	-24	-29	-84
Fish	-2	-6	-25
<b>Environment</b>			
Forest area (% total land area)	4	4	3
Agricultural area (% total land area)	58	61	67
Freshwater withdrawal (% tot renewable)	9.2		
Terrestrial protected areas (% total land area)			0
Organic area (ha)			6
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	3 187	3 851	3 993
Net emissions in land use (CO <sub>2</sub> eq. Gg)	143	154	138

# Honduras

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	5.7	7.4	9.3
Rural population, total (mill.)	3.2	3.6	3.9
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.9	1.0	1.3
Cropping intensity ratio	0.5	0.7	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	15 738	12 918	10 113
Land area equipped for irrigation (1 000 ha)	73	83	90
Agric. area actually irrigated (% agric. area)		2.6	
Employment in agriculture (%)	37.3	39.3	28.5
Employment in agriculture, female (%)	7.1	12.9	8.3
Fertilizers use, nitrogen (1 000 t nutrients)		75.4	96.1
Fertilizers use, phosphate (1 000 t nutrients)		14.7	34.8
Fertilizers use, potash (1 000 t nutrients)		78.8	36.7
Agric. value added per worker (constant USD)	1 710	1 614	2 165
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 500	2 644
Average dietary energy supply adequacy (%)		115	116
Dietary energy supply, cereals/roots/tubers (%)		46	46
Prevalence of undernourishment (%)		17.0	15.3
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		3 697	4 407
Cereal import dependency ratio (%)		57.3	56.1
Stunting, children under 5 (%)		29.9	
Wasting, children under 5 (%)		1.4	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 068	1 485	1 750
Agriculture, value added (% GDP)	19	12	12
Food (excl. fish) exports (mill. USD)	192	420	1 061
Food (excl. fish) imports (mill. USD)	166	537	1 152
<b>Production indices (2004–06 = 100)</b>			
Food	73	101	120
Crops	74	104	132
Cereals	138	99	137
Vegetable oils	35	107	204
Roots and tubers	60	101	127
Fruit and vegetables	82	107	107
Sugar	55	101	96
Livestock	69	100	110
Milk	65	96	99
Meat	71	104	114
Fish	51	109	99
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-66	-216	-386
Fruit and vegetables	146	196	340
Meat and meat preparations	8	-30	-112
Dairy products (milk equivalent)	-17	-21	-14
Fish	144	174	395
<b>Environment</b>			
Forest area (% total land area)	65	52	40
Agricultural area (% total land area)	31	28	29
Freshwater withdrawal (% tot renewable)		1.7	
Terrestrial protected areas (% total land area)			28
Organic area (ha)		2	29
Wood pellet production (1 000 t)			9
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	4 586	5 499	5 849
Net emissions in land use (CO <sub>2</sub> eq. Gg)	40 676	29 381	28 116

# Hungary

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	10.3	10.1	9.7
Rural population, total (mill.)	3.6	3.4	2.8
Govt. expenditure on agric. (% total outlays)		2.8	1.2
Area harvested, crops (mill. ha)	4.0	4.0	4.0
Cropping intensity ratio	0.8	0.8	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	10 086	10 334	10 663
Land area equipped for irrigation (1 000 ha)	210	153	230
Agric. area actually irrigated (% agric. area)		1.3	1.8
Employment in agriculture (%)	8.0	4.9	5.0
Employment in agriculture, female (%)	4.7	2.6	2.8
Fertilizers use, nitrogen (1 000 t nutrients)		260.0	366.0
Fertilizers use, phosphate (1 000 t nutrients)		61.0	91.7
Fertilizers use, potash (1 000 t nutrients)		71.0	96.9
Agric. value added per worker (constant USD)	12 192	25 716	22 573
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 247	3 037
Average dietary energy supply adequacy (%)		127	120
Dietary energy supply, cereals/roots/tubers (%)		29	30
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			1.0
GDP per capita (USD, PPP)		22 453	25 664
Cereal import dependency ratio (%)		-42.4	-77.1
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		57.2	81.5
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	5 074	5 517	5 059
Agriculture, value added (% GDP)	7	4	4
Food (excl. fish) exports (mill. USD)	2 385	3 281	6 581
Food (excl. fish) imports (mill. USD)	475	1 860	3 752
<b>Production indices (2004–06 = 100)</b>			
Food	87	95	87
Crops	79	95	90
Cereals	70	102	89
Vegetable oils	60	95	146
Roots and tubers	170	98	59
Fruit and vegetables	86	83	85
Sugar	133	111	21
Livestock	112	98	82
Milk	101	102	67
Meat	117	96	86
Fish	79	101	101
<b>Net trade (mill. USD)</b>			
Cereals and preparations	542	423	948
Fruit and vegetables	392	70	14
Meat and meat preparations	606	529	759
Dairy products (milk equivalent)	25	-53	-64
Fish	-37	-52	-77
<b>Environment</b>			
Forest area (% total land area)	21	22	23
Agricultural area (% total land area)	69	65	58
Freshwater withdrawal (% tot renewable)	5.8	5.4	
Terrestrial protected areas (% total land area)			23
Organic area (ha)		124	186
Wood pellet production (1 000 t)			2
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	6 978	6 983	7 306
Net emissions in land use (CO <sub>2</sub> eq. Gg)	3 595	5 280	4 254

# Iceland

	1995	2005	2016
<b>The setting</b>			
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)		4.0	2.6
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.0	0.0	0.0
Total renewable water resources per cap. (m <sup>3</sup> )	623 167	556 647	511 318
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	9.5	6.5	3.9
Employment in agriculture, female (%)	4.4	3.1	2.2
Fertilizers use, nitrogen (1 000 t nutrients)		9.8	10.8
Fertilizers use, phosphate (1 000 t nutrients)		4.4	6.8
Fertilizers use, potash (1 000 t nutrients)		3.0	4.3
Agric. value added per worker (constant USD)	83 138	89 449	120 752
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 339	3 452
Average dietary energy supply adequacy (%)		132	136
Dietary energy supply, cereals/roots/tubers (%)		22	22
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			1.6
GDP per capita (USD, PPP)		39 679	45 631
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		92.7	98.3
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	81	94	117
Agriculture, value added (% GDP)	10	5	5
Food (excl. fish) exports (mill. USD)	11	19	56
Food (excl. fish) imports (mill. USD)	114	223	339
<b>Production indices (2004–06 = 100)</b>			
Food	85	99	123
Crops	56	101	97
<b>Cereals</b>			
<b>Vegetable oils</b>			
Roots and tubers	51	104	74
Fruit and vegetables	62	97	124
<b>Sugar</b>			
<b>Livestock</b>			
Milk	94	98	129
Meat	81	99	121
Fish	102	106	68
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-31	-59	-80
Fruit and vegetables	-37	-75	-116
Meat and meat preparations	5	6	10
Dairy products (milk equivalent)	0	-1	5
Fish	1 302	1 696	1 895
<b>Environment</b>			
Forest area (% total land area)	0	0	1
Agricultural area (% total land area)	19	19	19
Freshwater withdrawal (% tot renewable)	0.1	0.1	0.2
Terrestrial protected areas (% total land area)			17
Organic area (ha)		5	10
Wood pellet production (1 000 t)			0
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	453	422	463
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-19	-51	-180

# India

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	960.5	1 144.1	1 339.2
Rural population, total (mill.)	701.5	797.6	871.7
Govt. expenditure on agric. (% total outlays)		5.0	6.0
Area harvested, crops (mill. ha)	178.3	182.1	194.3
Cropping intensity ratio	1.0	1.1	1.1
Total renewable water resources per cap. (m <sup>3</sup> )	1 915	1 620	1 443
Land area equipped for irrigation (1 000 ha)	53 053	64 646	70 400
Agric. area actually irrigated (% agric. area)		32.9	36.8
Employment in agriculture (%)	61.2	56.0	43.4
Employment in agriculture, female (%)	74.3	70.7	56.9
Fertilizers use, nitrogen (1 000 t nutrients)		12 723.9	16 735.4
Fertilizers use, phosphate (1 000 t nutrients)		5 210.0	6 705.4
Fertilizers use, potash (1 000 t nutrients)		2 413.5	2 508.3
Agric. value added per worker (constant USD)	832	963	1 621
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 253	2 492
Average dietary energy supply adequacy (%)		101	108
Dietary energy supply, cereals/roots/tubers (%)		62	57
Prevalence of undernourishment (%)		22.2	14.8
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		3 179	6 096
Cereal import dependency ratio (%)		-2.3	-8.6
Stunting, children under 5 (%)		47.9	38.4
Wasting, children under 5 (%)		20.0	21.0
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	138 406	170 813	246 561
Agriculture, value added (% GDP)	25	18	16
Food (excl. fish) exports (mill. USD)	3 129	5 113	19 139
Food (excl. fish) imports (mill. USD)	1 492	3 939	20 067
<b>Production indices (2004–06 = 100)</b>			
Food	81	100	144
Crops	84	100	143
Cereals	88	102	123
Vegetable oils	90	109	122
Roots and tubers	64	102	142
Fruit and vegetables	75	98	167
Sugar	110	95	139
Livestock	72	100	153
Milk	68	100	164
Meat	84	100	117
Fish	74	101	162
<b>Net trade (mill. USD)</b>			
Cereals and preparations	1 643	1 736	5 625
Fruit and vegetables	150	132	-3 680
Meat and meat preparations	192	619	3 969
Dairy products (milk equivalent)	-11	146	90
Fish	1 027	1 536	5 448
<b>Environment</b>			
Forest area (% total land area)	22	23	24
Agricultural area (% total land area)	61	61	60
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			6
Organic area (ha)		186	1 490
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	533 960	579 726	636 071
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-46 405	-165 144	122 469

# Indonesia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	197.0	226.7	264.0
Rural population, total (mill.)	124.1	121.4	117.1
Govt. expenditure on agric. (% total outlays)		1.4	1.0
Area harvested, crops (mill. ha)	30.5	34.9	44.2
Cropping intensity ratio	1.0	0.9	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	9 953	8 691	7 732
Land area equipped for irrigation (1 000 ha)	4 420	6 722	6 722
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	44.0	44.0	31.8
Employment in agriculture, female (%)	43.9	44.4	30.1
Fertilizers use, nitrogen (1 000 t nutrients)		2 411.9	2 964.0
Fertilizers use, phosphate (1 000 t nutrients)		327.8	838.2
Fertilizers use, potash (1 000 t nutrients)		564.2	1 635.0
Agric. value added per worker (constant USD)	1 927	2 014	3 482
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 474	2 832
Average dietary energy supply adequacy (%)		109	124
Dietary energy supply, cereals/roots/tubers (%)		69	69
Prevalence of undernourishment (%)		18.5	7.7
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		6 825	10 766
Cereal import dependency ratio (%)		11.7	15.4
Stunting, children under 5 (%)		28.6	36.4
Wasting, children under 5 (%)		14.4	13.5
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	33 623	43 042	63 487
Agriculture, value added (% GDP)	14	12	13
Food (excl. fish) exports (mill. USD)	2 269	6 703	22 586
Food (excl. fish) imports (mill. USD)	3 273	3 503	12 020
<b>Production indices (2004–06 = 100)</b>			
Food	77	98	145
Crops	75	98	143
Cereals	90	100	146
Vegetable oils	37	91	210
Roots and tubers	83	99	108
Fruit and vegetables	72	98	125
Sugar	102	103	96
Livestock	80	95	145
Milk	92	97	137
Meat	82	95	139
Fish	71	100	194
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-1 870	-878	-2 872
Fruit and vegetables	59	70	-662
Meat and meat preparations	-6	-76	-581
Dairy products (milk equivalent)	-214	-421	-732
Fish	1 566	1 695	3 503
<b>Environment</b>			
Forest area (% total land area)	60	54	50
Agricultural area (% total land area)	24	29	31
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			12
Organic area (ha)		18	126
Wood pellet production (1 000 t)			90
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	136 567	139 788	169 866
Net emissions in land use (CO <sub>2</sub> eq. Gg)	954 712	1 139 055	1 468 854



## Iran (Islamic Republic of)

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	60.6	70.4	81.2
Rural population, total (mill.)	24.0	22.8	20.9
Govt. expenditure on agric. (% total outlays)		4.3	
Area harvested, crops (mill. ha)	12.9	14.1	12.3
Cropping intensity ratio	0.7	0.8	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	2 195	1 910	1 707
Land area equipped for irrigation (1 000 ha)	7 264	8 574	9 600
Agric. area actually irrigated (% agric. area)		17.1	16.6
Employment in agriculture (%)	25.0	24.8	18.0
Employment in agriculture, female (%)	18.1	33.6	22.0
Fertilizers use, nitrogen (1 000 t nutrients)		946.8	962.6
Fertilizers use, phosphate (1 000 t nutrients)		492.1	83.2
Fertilizers use, potash (1 000 t nutrients)		132.5	74.7
Agric. value added per worker (constant USD)	6 351	5 882	9 738
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 054	3 120
Average dietary energy supply adequacy (%)		127	131
Dietary energy supply, cereals/roots/tubers (%)		55	53
Prevalence of undernourishment (%)		6.1	4.9
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		15 616	18 498
Cereal import dependency ratio (%)		18.1	36.6
Stunting, children under 5 (%)		7.1	
Wasting, children under 5 (%)		4.8	
Safely managed drinking water (% pop. using)		91.5	91.4
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	15 156	22 896	25 289
Agriculture, value added (% GDP)	13	7	10
Food (excl. fish) exports (mill. USD)	872	1 867	1 593
Food (excl. fish) imports (mill. USD)	3 116	2 427	7 384
<b>Production indices (2004–06 = 100)</b>			
Food	68	103	113
Crops	70	103	111
Cereals	77	100	78
Vegetable oils	60	111	100
Roots and tubers	68	108	116
Fruit and vegetables	64	106	119
Sugar	72	94	118
Livestock	68	101	109
Milk	64	100	94
Meat	70	101	108
Fish	70	100	209
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-1 545	-869	-2 714
Fruit and vegetables	549	1 072	95
Meat and meat preparations	-94	-39	-487
Dairy products (milk equivalent)	-107	-118	-84
Fish	19	19	167
<b>Environment</b>			
Forest area (% total land area)	6	7	7
Agricultural area (% total land area)	39	29	28
Freshwater withdrawal (% tot renewable)	50.9	68.0	
Terrestrial protected areas (% total land area)			9
Organic area (ha)		12	19
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	35 245	39 376	34 940
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-160	-3 444	67 087

# Iraq

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	20.2	27.0	38.3
Rural population, total (mill.)	6.4	8.6	11.4
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	3.9	4.6	1.9
Cropping intensity ratio	0.8	0.9	0.4
Total renewable water resources per cap. (m <sup>3</sup> )	4 176	3 161	2 415
Land area equipped for irrigation (1 000 ha)	3 525	3 525	3 525
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	28.1	23.0	18.4
Employment in agriculture, female (%)	48.0	47.8	43.7
Fertilizers use, nitrogen (1 000 t nutrients)		153.9	160.9
Fertilizers use, phosphate (1 000 t nutrients)		62.5	16.4
Fertilizers use, potash (1 000 t nutrients)			1.8
Agric. value added per worker (constant USD)	5 471	6 675	3 971
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 364	2 491
Average dietary energy supply adequacy (%)		107	111
Dietary energy supply, cereals/roots/tubers (%)		62	63
Prevalence of undernourishment (%)		28.2	27.7
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		10 896	16 242
Cereal import dependency ratio (%)		58.1	51.8
Stunting, children under 5 (%)		27.5	
Wasting, children under 5 (%)		5.8	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	2 329	2 378	1 553
Agriculture, value added (% GDP)	22	9	4
Food (excl. fish) exports (mill. USD)	7	23	51
Food (excl. fish) imports (mill. USD)	960	2 386	7 176
<b>Production indices (2004–06 = 100)</b>			
Food	100	102	67
Crops	101	101	64
Cereals	74	102	119
Vegetable oils	97	107	28
Roots and tubers	54	109	17
Fruit and vegetables	113	100	50
Sugar	839	1	745
Livestock	78	109	125
Milk	74	99	95
Meat	85	114	143
Fish	64	91	118
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-254	-1 219	-2 355
Fruit and vegetables	-31	-248	-1 050
Meat and meat preparations	-7	-42	-977
Dairy products (milk equivalent)	-29	-183	-268
Fish	0	-10	-103
<b>Environment</b>			
Forest area (% total land area)	2	2	2
Agricultural area (% total land area)	21	21	21
Freshwater withdrawal (% tot renewable)	60.5		
Terrestrial protected areas (% total land area)			2
Organic area (ha)			0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	6 567	5 966	7 956
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-983	-968	-2 038

## Ireland

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	3.7	4.2	4.8
Rural population, total (mill.)	1.5	1.6	1.7
Govt. expenditure on agric. (% total outlays)		1.9	1.2
Area harvested, crops (mill. ha)	0.4	0.3	0.3
Cropping intensity ratio	0.3	0.3	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	14 031	11 848	11 003
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	12.0	6.0	5.6
Employment in agriculture, female (%)	3.6	1.4	1.4
Fertilizers use, nitrogen (1 000 t nutrients)		345.2	302.4
Fertilizers use, phosphate (1 000 t nutrients)		85.3	113.2
Fertilizers use, potash (1 000 t nutrients)		111.9	141.0
Agric. value added per worker (constant USD)	17 287	22 571	28 288
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 520	3 600
Average dietary energy supply adequacy (%)		141	146
Dietary energy supply, cereals/roots/tubers (%)		31	34
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			2.7
GDP per capita (USD, PPP)		46 614	63 227
Cereal import dependency ratio (%)		25.4	31.6
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		94.3	98.9
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	4 254	4 222	4 714
Agriculture, value added (% GDP)	6	1	1
Food (excl. fish) exports (mill. USD)	7 284	8 071	10 101
Food (excl. fish) imports (mill. USD)	1 860	3 860	6 303
<b>Production indices (2004–06 = 100)</b>			
Food	99	99	110
Crops	94	97	100
Cereals	81	90	102
Vegetable oils	101	110	263
Roots and tubers	127	91	76
Fruit and vegetables	87	102	113
Sugar	95	85	
Livestock	99	98	111
Milk	103	98	132
Meat	97	99	96
Fish	134	106	87
<b>Net trade (mill. USD)</b>			
Cereals and preparations	207	833	1 306
Fruit and vegetables	-284	-515	-1 044
Meat and meat preparations	1 712	2 035	2 916
Dairy products (milk equivalent)	1 385	958	1 261
Fish	251	263	312
<b>Environment</b>			
Forest area (% total land area)	8	10	11
Agricultural area (% total land area)	64	62	65
Freshwater withdrawal (% tot renewable)	2.3	1.4	
Terrestrial protected areas (% total land area)			14
Organic area (ha)		35	77
Wood pellet production (1 000 t)			48
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	20 461	21 018	21 667
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-2 306	-1 811	-380

# Israel

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	5.3	6.6	8.3
Rural population, total (mill.)	0.5	0.6	0.6
Govt. expenditure on agric. (% total outlays)		0.4	0.4
Area harvested, crops (mill. ha)	0.3	0.3	0.3
Cropping intensity ratio	0.7	0.8	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	316	257	217
Land area equipped for irrigation (1 000 ha)	194	225	225
Agric. area actually irrigated (% agric. area)		35.3	32.8
Employment in agriculture (%)	2.9	2.0	1.1
Employment in agriculture, female (%)	1.2	0.8	0.6
Fertilizers use, nitrogen (1 000 t nutrients)		48.8	46.8
Fertilizers use, phosphate (1 000 t nutrients)		11.8	5.8
Fertilizers use, potash (1 000 t nutrients)		30.4	30.2
Agric. value added per worker (constant USD)	31 743	63 695	84 612
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 626	3 624
Average dietary energy supply adequacy (%)		157	158
Dietary energy supply, cereals/roots/tubers (%)		35	34
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		26 761	32 688
Cereal import dependency ratio (%)		93.5	93.2
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		99.4	99.4
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 963	2 541	2 786
Agriculture, value added (% GDP)	2	2	1
Food (excl. fish) exports (mill. USD)	988	964	1 588
Food (excl. fish) imports (mill. USD)	1 435	1 829	3 931
<b>Production indices (2004–06 = 100)</b>			
Food	77	100	110
Crops	91	100	100
Cereals	109	113	111
Vegetable oils	100	75	130
Roots and tubers	47	102	101
Fruit and vegetables	92	101	98
Sugar			
Livestock	69	100	117
Milk	100	101	127
Meat	53	100	110
Fish	81	102	79
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-468	-515	-972
Fruit and vegetables	515	388	480
Meat and meat preparations	-67	-121	-543
Dairy products (milk equivalent)	-6	-19	-75
Fish	-125	-152	-486
<b>Environment</b>			
Forest area (% total land area)	7	7	8
Agricultural area (% total land area)	26	24	25
Freshwater withdrawal (% tot renewable)	86.1	79.7	
Terrestrial protected areas (% total land area)			20
Organic area (ha)		6	4
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	1 233	1 257	1 464
Net emissions in land use (CO <sub>2</sub> eq. Gg)	110	-73	-73

## Italy

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	57.3	58.8	59.4
Rural population, total (mill.)	18.8	18.9	18.8
Govt. expenditure on agric. (% total outlays)		0.6	0.3
Area harvested, crops (mill. ha)	8.5	7.9	6.8
Cropping intensity ratio	0.8	0.8	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	3 353	3 235	3 219
Land area equipped for irrigation (1 000 ha)	3 642	3 973	4 005
Agric. area actually irrigated (% agric. area)		17.7	20.5
Employment in agriculture (%)	6.6	4.2	3.9
Employment in agriculture, female (%)	6.4	3.3	2.5
Fertilizers use, nitrogen (1 000 t nutrients)		800.7	585.9
Fertilizers use, phosphate (1 000 t nutrients)		285.3	164.5
Fertilizers use, potash (1 000 t nutrients)		250.3	106.8
Agric. value added per worker (constant USD)	27 020	40 027	44 242
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 606	3 579
Average dietary energy supply adequacy (%)		142	142
Dietary energy supply, cereals/roots/tubers (%)		33	33
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			1.0
GDP per capita (USD, PPP)		37 604	34 655
Cereal import dependency ratio (%)		21.6	25.3
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		89.3	93.7
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	29 164	30 899	28 489
Agriculture, value added (% GDP)	3	2	2
Food (excl. fish) exports (mill. USD)	10 529	17 523	28 227
Food (excl. fish) imports (mill. USD)	15 026	22 547	29 411
<b>Production indices (2004–06 = 100)</b>			
Food	95	100	93
Crops	91	101	90
Cereals	91	99	88
Vegetable oils	91	97	61
Roots and tubers	116	98	75
Fruit and vegetables	89	101	101
Sugar	144	155	22
Livestock	100	100	93
Milk	96	101	94
Meat	102	100	92
Fish	133	104	77
<b>Net trade (mill. USD)</b>			
Cereals and preparations	144	593	653
Fruit and vegetables	1 878	1 510	2 697
Meat and meat preparations	-2 530	-2 937	-1 859
Dairy products (milk equivalent)	-1 990	-1 766	-394
Fish	-1 968	-3 626	-5 385
<b>Environment</b>			
Forest area (% total land area)	27	30	32
Agricultural area (% total land area)	52	50	43
Freshwater withdrawal (% tot renewable)		28.1	
Terrestrial protected areas (% total land area)			22
Organic area (ha)		1 067	1 796
Wood pellet production (1 000 t)			400
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	34 675	31 343	29 383
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-34 257	-35 014	-34 256

# Jamaica

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	2.5	2.7	2.9
Rural population, total (mill.)	1.2	1.3	1.3
Govt. expenditure on agric. (% total outlays)		1.2	1.7
Area harvested, crops (mill. ha)	0.2	0.2	0.1
Cropping intensity ratio	0.7	0.6	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	4 268	4 000	3 755
Land area equipped for irrigation (1 000 ha)	25	28	31
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	23.2	18.1	18.4
Employment in agriculture, female (%)	11.7	8.4	8.2
Fertilizers use, nitrogen (1 000 t nutrients)		6.4	3.1
Fertilizers use, phosphate (1 000 t nutrients)		4.7	2.5
Fertilizers use, potash (1 000 t nutrients)		3.8	1.2
Agric. value added per worker (constant USD)	3 842	2 886	3 674
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 793	2 780
Average dietary energy supply adequacy (%)		117	113
Dietary energy supply, cereals/roots/tubers (%)		37	39
Prevalence of undernourishment (%)		7.0	8.9
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		8 411	8 180
Cereal import dependency ratio (%)		100.0	97.2
Stunting, children under 5 (%)		5.6	6.2
Wasting, children under 5 (%)		3.3	3.6
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	555	515	565
Agriculture, value added (% GDP)	9	5	7
Food (excl. fish) exports (mill. USD)	217	159	170
Food (excl. fish) imports (mill. USD)	297	524	675
<b>Production indices (2004–06 = 100)</b>			
Food	104	96	106
Crops	125	92	107
Cereals	223	106	130
Vegetable oils	66	96	91
Roots and tubers	195	89	133
Fruit and vegetables	120	95	107
Sugar	139	80	84
Livestock	75	102	103
Milk	94	100	111
Meat	67	103	100
Fish	136	90	84
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-112	-160	-206
Fruit and vegetables	66	-36	-31
Meat and meat preparations	-44	-65	-66
Dairy products (milk equivalent)	-34	-42	-29
Fish	-14	-67	-90
<b>Environment</b>			
Forest area (% total land area)	32	31	31
Agricultural area (% total land area)	46	43	41
Freshwater withdrawal (% tot renewable)	8.6	7.5	
Terrestrial protected areas (% total land area)			16
Organic area (ha)		0	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	1 069	949	595
Net emissions in land use (CO <sub>2</sub> eq. Gg)	781	826	805

# Japan

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	126.4	128.3	127.5
Rural population, total (mill.)	27.4	17.8	7.2
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	3.6	3.2	2.9
Cropping intensity ratio	0.7	0.7	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	3 439	3 379	3 366
Land area equipped for irrigation (1 000 ha)	2 745	2 556	2 432
Agric. area actually irrigated (% agric. area)		36.3	35.2
Employment in agriculture (%)	5.7	4.5	3.5
Employment in agriculture, female (%)	6.5	4.6	3.0
Fertilizers use, nitrogen (1 000 t nutrients)		553.5	359.1
Fertilizers use, phosphate (1 000 t nutrients)		611.1	345.2
Fertilizers use, potash (1 000 t nutrients)		352.5	309.0
Agric. value added per worker (constant USD)	19 535	22 495	22 653
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 816	2 721
Average dietary energy supply adequacy (%)		115	113
Dietary energy supply, cereals/roots/tubers (%)		40	41
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			<0.5
GDP per capita (USD, PPP)		35 658	38 283
Cereal import dependency ratio (%)		78.2	75.8
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		96.8	97.2
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	19 762	18 201	16 611
Agriculture, value added (% GDP)	2	1	1
Food (excl. fish) exports (mill. USD)	825	1 126	2 575
Food (excl. fish) imports (mill. USD)	27 490	29 633	36 830
<b>Production indices (2004–06 = 100)</b>			
Food	110	101	92
Crops	116	103	82
Cereals	119	103	74
Vegetable oils	93	108	109
Roots and tubers	119	101	79
Fruit and vegetables	115	102	88
Sugar	97	99	84
Livestock	104	100	101
Milk	101	101	90
Meat	106	99	106
Fish	134	100	76
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-5 191	-5 605	-6 053
Fruit and vegetables	-6 181	-6 607	-8 378
Meat and meat preparations	-9 666	-9 736	-11 712
Dairy products (milk equivalent)	-732	-906	-1 178
Fish	-17 140	-13 184	-11 851
<b>Environment</b>			
Forest area (% total land area)	68	68	68
Agricultural area (% total land area)	15	13	12
Freshwater withdrawal (% tot renewable)	20.7	19.2	
Terrestrial protected areas (% total land area)			19
Organic area (ha)		7	10
Wood pellet production (1 000 t)			126
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	25 907	22 921	19 570
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-74 314	-39 109	7 478

## Jordan

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	4.6	5.7	9.7
Rural population, total (mill.)	0.9	1.0	1.3
Govt. expenditure on agric. (% total outlays)			0.8
Area harvested, crops (mill. ha)	0.2	0.2	0.2
Cropping intensity ratio	0.6	0.7	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	206	163	99
Land area equipped for irrigation (1 000 ha)	73	80	107
Agric. area actually irrigated (% agric. area)		7.9	10.0
Employment in agriculture (%)	5.1	3.9	3.6
Employment in agriculture, female (%)	4.2	1.2	1.2
Fertilizers use, nitrogen (1 000 t nutrients)		21.9	22.0
Fertilizers use, phosphate (1 000 t nutrients)		43.0	0.9
Fertilizers use, potash (1 000 t nutrients)		80.2	3.6
Agric. value added per worker (constant USD)	8 255	10 935	11 480
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 872	2 570
Average dietary energy supply adequacy (%)		126	112
Dietary energy supply, cereals/roots/tubers (%)		46	46
Prevalence of undernourishment (%)		6.6	13.5
Prevalence of severe food insecurity (%)			13.9
GDP per capita (USD, PPP)		8 800	8 390
Cereal import dependency ratio (%)		96.6	93.6
Stunting, children under 5 (%)		12.0	
Wasting, children under 5 (%)		2.5	
Safely managed drinking water (% pop. using)		93.9	93.3
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	683	977	1 411
Agriculture, value added (% GDP)	4	3	4
Food (excl. fish) exports (mill. USD)	168	462	1 068
Food (excl. fish) imports (mill. USD)	685	1 148	3 342
<b>Production indices (2004–06 = 100)</b>			
Food	70	101	146
Crops	68	101	142
Cereals	144	150	155
Vegetable oils	45	81	83
Roots and tubers	56	103	171
Fruit and vegetables	72	105	153
Sugar			
Livestock	78	101	152
Milk	51	96	112
Meat	83	104	175
Fish	57	103	170
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-193	-369	-1 076
Fruit and vegetables	21	133	59
Meat and meat preparations	-41	-82	-291
Dairy products (milk equivalent)	-89	-48	-201
Fish	-24	-37	-113
<b>Environment</b>			
Forest area (% total land area)	1	1	1
Agricultural area (% total land area)	13	11	12
Freshwater withdrawal (% tot renewable)	100.0	98.4	117.8
Terrestrial protected areas (% total land area)			2
Organic area (ha)		0	2
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	882	880	1 325
Net emissions in land use (CO <sub>2</sub> eq. Gg)	0	0	0



# Kazakhstan

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	16.0	15.5	18.2
Rural population, total (mill.)	6.9	6.8	8.0
Govt. expenditure on agric. (% total outlays)		3.7	2.4
Area harvested, crops (mill. ha)	17.4	15.1	18.1
Cropping intensity ratio	0.5	0.5	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	7 009	6 880	6 026
Land area equipped for irrigation (1 000 ha)	3 050	1 971	2 066
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	39.7	32.4	17.9
Employment in agriculture, female (%)	37.4	31.3	16.9
Fertilizers use, nitrogen (1 000 t nutrients)		20.5	91.5
Fertilizers use, phosphate (1 000 t nutrients)		16.9	33.1
Fertilizers use, potash (1 000 t nutrients)		3.4	2.5
Agric. value added per worker (constant USD)	1 849	2 605	5 498
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 029	3 225
Average dietary energy supply adequacy (%)		124	138
Dietary energy supply, cereals/roots/tubers (%)		43	33
Prevalence of undernourishment (%)		5.9	<2.5
Prevalence of severe food insecurity (%)			1.4
GDP per capita (USD, PPP)		16 014	23 447
Cereal import dependency ratio (%)		-43.7	-79.2
Stunting, children under 5 (%)		17.5	8.0
Wasting, children under 5 (%)		4.9	3.1
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	4 939	5 735	8 133
Agriculture, value added (% GDP)	12	6	5
Food (excl. fish) exports (mill. USD)	496	560	1 723
Food (excl. fish) imports (mill. USD)	338	960	2 291
<b>Production indices (2004–06 = 100)</b>			
Food	86	100	141
Crops	53	100	167
Cereals	58	96	153
Vegetable oils	40	104	341
Roots and tubers	65	107	154
Fruit and vegetables	40	105	186
Sugar	106	89	99
Livestock	119	100	119
Milk	88	100	123
Meat	141	99	113
Fish	149	112	128
<b>Net trade (mill. USD)</b>			
Cereals and preparations	340	284	1 139
Fruit and vegetables	-9	-37	-623
Meat and meat preparations	57	-92	-193
Dairy products (milk equivalent)	2	-113	-230
Fish	5	30	-13
<b>Environment</b>			
Forest area (% total land area)	1	1	1
Agricultural area (% total land area)	80	79	80
Freshwater withdrawal (% tot renewable)	30.7	18.3	
Terrestrial protected areas (% total land area)			3
Organic area (ha)		157	303
Wood pellet production (1 000 t)			0
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	26 140	20 102	22 319
Net emissions in land use (CO <sub>2</sub> eq. Gg)	448	-68	172

# Kenya

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	27.3	36.0	49.7
Rural population, total (mill.)	22.4	28.0	36.1
Govt. expenditure on agric. (% total outlays)		3.9	1.5
Area harvested, crops (mill. ha)	4.5	4.8	5.9
Cropping intensity ratio	0.8	0.8	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	1 064	824	633
Land area equipped for irrigation (1 000 ha)	70	115	151
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	45.9	41.4	38.1
Employment in agriculture, female (%)	55.5	50.8	47.3
Fertilizers use, nitrogen (1 000 t nutrients)		72.5	151.8
Fertilizers use, phosphate (1 000 t nutrients)		93.1	61.7
Fertilizers use, potash (1 000 t nutrients)		15.0	7.9
Agric. value added per worker (constant USD)	1 496	1 868	2 013
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 116	2 217
Average dietary energy supply adequacy (%)		99	101
Dietary energy supply, cereals/roots/tubers (%)		55	57
Prevalence of undernourishment (%)		28.2	24.2
Prevalence of severe food insecurity (%)			35.6
GDP per capita (USD, PPP)		2 224	2 927
Cereal import dependency ratio (%)		21.5	32.7
Stunting, children under 5 (%)		40.9	26.0
Wasting, children under 5 (%)		7.7	4.0
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	3 832	5 756	6 995
Agriculture, value added (% GDP)	26	21	33
Food (excl. fish) exports (mill. USD)	266	448	612
Food (excl. fish) imports (mill. USD)	334	504	1 339
<b>Production indices (2004–06 = 100)</b>			
Food	69	103	126
Crops	77	105	129
Cereals	90	100	110
Vegetable oils	86	98	120
Roots and tubers	50	118	74
Fruit and vegetables	62	107	135
Sugar	95	100	148
Livestock	63	101	122
Milk	59	102	129
Meat	64	100	116
Fish	133	102	128
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-72	-189	-681
Fruit and vegetables	119	276	412
Meat and meat preparations	2	5	18
Dairy products (milk equivalent)	2	2	-17
Fish	32	55	-5
<b>Environment</b>			
Forest area (% total land area)	7	7	8
Agricultural area (% total land area)	48	47	49
Freshwater withdrawal (% tot renewable)		7.6	
Terrestrial protected areas (% total land area)			12
Organic area (ha)		2	155
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	22 731	24 662	42 504
Net emissions in land use (CO <sub>2</sub> eq. Gg)	58 774	-47 088	-30 708

# Kuwait

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	1.6	2.3	4.1
Rural population, total (mill.)	0.0	0.0	0.1
Govt. expenditure on agric. (% total outlays)		0.7	0.5
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.6	0.7	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	12	8	5
Land area equipped for irrigation (1 000 ha)	5	8	18
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	2.1	2.7	3.5
Employment in agriculture, female (%)	0.0	0.0	0.1
Fertilizers use, nitrogen (1 000 t nutrients)		374.4	0.0
Fertilizers use, phosphate (1 000 t nutrients)		0.0	1.8
Fertilizers use, potash (1 000 t nutrients)		0.0	4.3
Agric. value added per worker (constant USD)			8 005
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 558	3 472
Average dietary energy supply adequacy (%)		146	141
Dietary energy supply, cereals/roots/tubers (%)		41	43
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		93 470	68 862
Cereal import dependency ratio (%)		100.0	97.3
Stunting, children under 5 (%)		4.5	4.9
Wasting, children under 5 (%)		3.3	3.1
Safely managed drinking water (% pop. using)		100.0	100.0
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	98	180	357
Agriculture, value added (% GDP)	0	0	0
Food (excl. fish) exports (mill. USD)	25	46	446
Food (excl. fish) imports (mill. USD)	1 030	1 346	3 861
<b>Production indices (2004–06 = 100)</b>			
Food	53	97	192
Crops	41	99	186
Cereals	16	87	238
Vegetable oils	4	101	399
Roots and tubers	46	97	236
Fruit and vegetables	41	99	182
Sugar			
Livestock	62	95	197
Milk	88	106	138
Meat	61	88	183
Fish	155	93	101
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-175	-279	-743
Fruit and vegetables	-249	-169	-928
Meat and meat preparations	-125	-279	-520
Dairy products (milk equivalent)	-133	-151	-389
Fish	-17	-38	-207
<b>Environment</b>			
Forest area (% total land area)	0	0	0
Agricultural area (% total land area)	8	8	8
Freshwater withdrawal (% tot renewable)	1 275.0	2 075.0	
Terrestrial protected areas (% total land area)			18
Organic area (ha)			0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	206	614	470
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-31	-33	-15

# Kyrgyzstan

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	4.6	5.1	6.0
Rural population, total (mill.)	2.9	3.3	3.8
Govt. expenditure on agric. (% total outlays)		4.5	
Area harvested, crops (mill. ha)	0.8	1.0	0.9
Cropping intensity ratio	0.6	0.7	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	4 988	4 517	3 966
Land area equipped for irrigation (1 000 ha)	1 077	1 021	1 023
Agric. area actually irrigated (% agric. area)		9.3	9.5
Employment in agriculture (%)	54.0	38.5	26.8
Employment in agriculture, female (%)	53.9	37.3	27.8
Fertilizers use, nitrogen (1 000 t nutrients)		29.6	35.2
Fertilizers use, phosphate (1 000 t nutrients)		2.0	5.1
Fertilizers use, potash (1 000 t nutrients)		0.0	0.2
Agric. value added per worker (constant USD)	491	944	1 507
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 717	2 793
Average dietary energy supply adequacy (%)		115	120
Dietary energy supply, cereals/roots/tubers (%)		57	53
Prevalence of undernourishment (%)		9.7	6.5
Prevalence of severe food insecurity (%)			4.4
GDP per capita (USD, PPP)		2 370	3 310
Cereal import dependency ratio (%)		14.9	28.3
Stunting, children under 5 (%)		18.1	12.9
Wasting, children under 5 (%)		3.4	2.8
Safely managed drinking water (% pop. using)		48.7	66.3
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	979	1 399	1 680
Agriculture, value added (% GDP)	41	28	13
Food (excl. fish) exports (mill. USD)	53	56	125
Food (excl. fish) imports (mill. USD)	86	140	346
<b>Production indices (2004–06 = 100)</b>			
Food	69	98	118
Crops	46	96	118
Cereals	54	101	107
Vegetable oils	32	100	51
Roots and tubers	37	89	115
Fruit and vegetables	43	95	141
Sugar	28	75	183
Livestock	88	99	111
Milk	71	100	114
Meat	99	99	107
Fish	905	106	4 661
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-26	-52	-87
Fruit and vegetables	19	8	35
Meat and meat preparations	4	-8	-16
Dairy products (milk equivalent)	-5	10	14
Fish	-1	-3	-5
<b>Environment</b>			
Forest area (% total land area)	4	5	3
Agricultural area (% total land area)	54	56	55
Freshwater withdrawal (% tot renewable)	41.5	32.6	
Terrestrial protected areas (% total land area)			7
Organic area (ha)		0	8
Wood pellet production (1 000 t)			0
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	3 187	3 317	4 748
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-2 416	-2 420	-835

## Lao People's Democratic Republic

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	4.9	5.8	6.9
Rural population, total (mill.)	4.0	4.2	4.3
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.7	1.1	1.8
Cropping intensity ratio	0.8	0.9	1.1
Total renewable water resources per cap. (m <sup>3</sup> )	65 792	56 145	49 346
Land area equipped for irrigation (1 000 ha)	155	310	310
Agric. area actually irrigated (% agric. area)		13.6	11.5
Employment in agriculture (%)	85.4	78.5	62.0
Employment in agriculture, female (%)	89.4	81.4	63.9
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)		627	873
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 241	2 476
Average dietary energy supply adequacy (%)		99	106
Dietary energy supply, cereals/roots/tubers (%)		74	69
Prevalence of undernourishment (%)		27.0	16.6
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		3 115	6 073
Cereal import dependency ratio (%)		-0.5	-5.2
Stunting, children under 5 (%)		47.6	
Wasting, children under 5 (%)		7.3	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	623	1 202	2 517
Agriculture, value added (% GDP)	40	26	17
Food (excl. fish) exports (mill. USD)	27	6	187
Food (excl. fish) imports (mill. USD)	45	85	761
<b>Production indices (2004–06 = 100)</b>			
Food	52	101	211
Crops	50	101	241
Cereals	52	100	180
Vegetable oils	69	112	262
Roots and tubers	78	85	1 385
Fruit and vegetables	24	104	263
Sugar	29	92	950
Livestock	74	99	126
Milk	85	99	133
Meat	75	99	126
Fish	45	97	202
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-14	-25	-90
Fruit and vegetables	-2	-9	52
Meat and meat preparations	0	0	-174
Dairy products (milk equivalent)			-34
Fish	-1	-2	-2
<b>Environment</b>			
Forest area (% total land area)	74	73	82
Agricultural area (% total land area)	7	9	10
Freshwater withdrawal (% tot renewable)		1.0	
Terrestrial protected areas (% total land area)			17
Organic area (ha)		2	8
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	5 690	6 304	8 565
Net emissions in land use (CO <sub>2</sub> eq. Gg)	10 554	18 773	18 422

# Latvia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	2.5	2.3	1.9
Rural population, total (mill.)	0.8	0.7	0.7
Govt. expenditure on agric. (% total outlays)		3.3	1.4
Area harvested, crops (mill. ha)	0.5	0.6	0.9
Cropping intensity ratio	0.5	0.6	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	14 349	16 094	17 731
Land area equipped for irrigation (1 000 ha)	1	1	1
Agric. area actually irrigated (% agric. area)		0.0	0.0
Employment in agriculture (%)	18.1	12.1	7.7
Employment in agriculture, female (%)	14.6	8.0	5.1
Fertilizers use, nitrogen (1 000 t nutrients)		40.9	78.3
Fertilizers use, phosphate (1 000 t nutrients)		14.7	25.4
Fertilizers use, potash (1 000 t nutrients)		18.7	30.5
Agric. value added per worker (constant USD)	4 007	7 521	16 501
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 143	3 174
Average dietary energy supply adequacy (%)		126	129
Dietary energy supply, cereals/roots/tubers (%)		34	36
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			0.7
GDP per capita (USD, PPP)		17 522	23 743
Cereal import dependency ratio (%)		-17.6	-94.7
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		81.4	81.9
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	707	640	936
Agriculture, value added (% GDP)	8	4	3
Food (excl. fish) exports (mill. USD)	70	311	1 326
Food (excl. fish) imports (mill. USD)	119	593	1 231
<b>Production indices (2004–06 = 100)</b>			
Food	114	104	152
Crops	82	112	185
Cereals	51	113	259
Vegetable oils	2	118	227
Roots and tubers	120	109	89
Fruit and vegetables	160	112	69
Sugar	50	104	
Livestock	137	99	109
Milk	121	101	98
Meat	177	97	123
Fish	107	108	83
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-13	19	325
Fruit and vegetables	-19	-135	-148
Meat and meat preparations	0	-89	-80
Dairy products (milk equivalent)	13	40	54
Fish	71	74	24
<b>Environment</b>			
Forest area (% total land area)	52	53	54
Agricultural area (% total land area)	29	28	31
Freshwater withdrawal (% tot renewable)	1.2	0.6	0.7
Terrestrial protected areas (% total land area)			18
Organic area (ha)		119	259
Wood pellet production (1 000 t)			1 513
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	3 216	2 823	3 252
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-9 737	-1 092	-10 843

# Lebanon

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	3.0	4.0	6.1
Rural population, total (mill.)	0.5	0.5	0.6
Govt. expenditure on agric. (% total outlays)		0.3	0.5
Area harvested, crops (mill. ha)	0.3	0.3	0.3
Cropping intensity ratio	0.9	0.9	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	1 456	1 102	750
Land area equipped for irrigation (1 000 ha)	94	104	104
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	3.3	3.4	3.2
Employment in agriculture, female (%)	0.0	0.0	0.0
Fertilizers use, nitrogen (1 000 t nutrients)		14.7	20.8
Fertilizers use, phosphate (1 000 t nutrients)		15.0	15.0
Fertilizers use, potash (1 000 t nutrients)		7.5	7.9
Agric. value added per worker (constant USD)	45 846	33 478	23 681
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 145	2 765
Average dietary energy supply adequacy (%)		131	114
Dietary energy supply, cereals/roots/tubers (%)		40	39
Prevalence of undernourishment (%)		3.4	10.9
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		12 269	13 268
Cereal import dependency ratio (%)		82.5	86.5
Stunting, children under 5 (%)		16.5	
Wasting, children under 5 (%)		6.6	
Safely managed drinking water (% pop. using)		45.2	47.5
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 348	1 172	1 064
Agriculture, value added (% GDP)	5	4	3
Food (excl. fish) exports (mill. USD)	80	205	565
Food (excl. fish) imports (mill. USD)	886	1 095	2 469
<b>Production indices (2004–06 = 100)</b>			
Food	111	97	88
Crops	130	95	94
Cereals	54	100	104
Vegetable oils	42	56	84
Roots and tubers	73	109	85
Fruit and vegetables	160	100	94
Sugar	375	119	11
Livestock	60	100	75
Milk	89	107	88
Meat	49	97	75
Fish	95	100	115
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-196	-186	-525
Fruit and vegetables	-64	-69	-157
Meat and meat preparations	-61	-84	-172
Dairy products (milk equivalent)	-156	-175	-284
Fish	-15	-56	-148
<b>Environment</b>			
Forest area (% total land area)	13	13	13
Agricultural area (% total land area)	60	64	64
Freshwater withdrawal (% tot renewable)	29.3	24.3	
Terrestrial protected areas (% total land area)			3
Organic area (ha)		3	1
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	556	537	767
Net emissions in land use (CO <sub>2</sub> eq. Gg)	0	-49	-4

# Lesotho

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	1.8	1.9	2.2
Rural population, total (mill.)	1.5	1.5	1.5
Govt. expenditure on agric. (% total outlays)		3.5	
Area harvested, crops (mill. ha)	0.1	0.2	0.1
Cropping intensity ratio	0.4	0.6	0.3
Total renewable water resources per cap. (m <sup>3</sup> )	1 677	1 545	1 371
Land area equipped for irrigation (1 000 ha)	3	3	3
Agric. area actually irrigated (% agric. area)		0.0	0.1
Employment in agriculture (%)	58.4	25.8	10.7
Employment in agriculture, female (%)	47.8	13.5	4.6
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)	453	857	2 201
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 568	2 579
Average dietary energy supply adequacy (%)		116	114
Dietary energy supply, cereals/roots/tubers (%)		81	79
Prevalence of undernourishment (%)		11.7	12.8
Prevalence of severe food insecurity (%)			50.0
GDP per capita (USD, PPP)		1 959	2 736
Cereal import dependency ratio (%)		41.3	74.7
Stunting, children under 5 (%)		45.2	33.2
Wasting, children under 5 (%)		5.6	2.8
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	132	165	149
Agriculture, value added (% GDP)	9	6	5
Food (excl. fish) exports (mill. USD)	2	1	18
Food (excl. fish) imports (mill. USD)	143	95	303
<b>Production indices (2004–06 = 100)</b>			
Food	84	105	95
Crops	78	99	85
Cereals	69	99	28
Vegetable oils			
Roots and tubers	77	100	133
Fruit and vegetables	77	102	90
Sugar			
Livestock	90	107	99
Milk	81	114	88
Meat	91	102	108
Fish	86	99	2 361
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-71	-31	-110
Fruit and vegetables	-26	-24	-39
Meat and meat preparations	-10	-12	-54
Dairy products (milk equivalent)			-20
Fish	0	-2	-4
<b>Environment</b>			
Forest area (% total land area)	1	1	2
Agricultural area (% total land area)	77	77	78
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			0
Organic area (ha)		0	1
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	1 340	1 577	1 269
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-34	-35	-196



# Liberia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	2.1	3.3	4.7
Rural population, total (mill.)	1.1	1.8	2.3
Govt. expenditure on agric. (% total outlays)		0.8	
Area harvested, crops (mill. ha)	0.2	0.5	0.6
Cropping intensity ratio	0.4	0.8	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	98 097	65 872	50 284
Land area equipped for irrigation (1 000 ha)	3	3	3
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	68.8	53.0	44.0
Employment in agriculture, female (%)	71.9	54.8	43.6
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)		828	965
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 123	2 204
Average dietary energy supply adequacy (%)		98	101
Dietary energy supply, cereals/roots/tubers (%)		64	66
Prevalence of undernourishment (%)		39.4	38.8
Prevalence of severe food insecurity (%)			56.6
GDP per capita (USD, PPP)		598	754
Cereal import dependency ratio (%)		86.0	54.1
Stunting, children under 5 (%)		39.4	32.1
Wasting, children under 5 (%)		7.8	5.6
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	168	258	347
Agriculture, value added (% GDP)	76	57	79
Food (excl. fish) exports (mill. USD)	2	9	112
Food (excl. fish) imports (mill. USD)	85	158	272
<b>Production indices (2004–06 = 100)</b>			
Food	66	101	136
Crops	44	103	109
Cereals	39	109	221
Vegetable oils	83	100	105
Roots and tubers	45	100	107
Fruit and vegetables	81	100	123
Sugar	94	100	107
Livestock	81	99	141
Milk	100	100	116
Meat	79	99	144
Fish	76	105	127
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-60	-86	-138
Fruit and vegetables	-6	-13	3
Meat and meat preparations	-3	-9	-47
Dairy products (milk equivalent)	-3	-6	-7
Fish	-2	-3	-10
<b>Environment</b>			
Forest area (% total land area)	50	47	43
Agricultural area (% total land area)	26	27	28
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			2
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	227	271	461
Net emissions in land use (CO <sub>2</sub> eq. Gg)	15 041	15 042	1 372

# Libya

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	4.9	5.8	6.4
Rural population, total (mill.)	1.1	1.3	1.4
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.5	0.8	0.9
Cropping intensity ratio	0.2	0.4	0.4
Total renewable water resources per cap. (m <sup>3</sup> )	138	116	111
Land area equipped for irrigation (1 000 ha)	470	425	400
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	9.1	8.7	16.8
Employment in agriculture, female (%)	7.1	7.1	13.9
Fertilizers use, nitrogen (1 000 t nutrients)		75.6	12.1
Fertilizers use, phosphate (1 000 t nutrients)		36.8	7.4
Fertilizers use, potash (1 000 t nutrients)		5.1	0.6
Agric. value added per worker (constant USD)			
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 192	3 329
Average dietary energy supply adequacy (%)		134	140
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		26 045	14 299
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)		21.0	
Wasting, children under 5 (%)		6.5	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	892	985	1 148
Agriculture, value added (% GDP)	7	2	1
Food (excl. fish) exports (mill. USD)	37	1	6
Food (excl. fish) imports (mill. USD)	1 075	1 113	2 452
<b>Production indices (2004–06 = 100)</b>			
Food	91	101	117
Crops	93	101	115
Cereals	74	107	107
Vegetable oils	90	101	101
Roots and tubers	80	101	139
Fruit and vegetables	93	101	116
Sugar			
Livestock	88	101	119
Milk	89	96	127
Meat	93	100	122
Fish	91	100	80
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-407	-520	-689
Fruit and vegetables	-119	-98	-348
Meat and meat preparations	-13	-41	-251
Dairy products (milk equivalent)	-100	-136	-429
Fish	18	-6	-152
<b>Environment</b>			
Forest area (% total land area)	0	0	0
Agricultural area (% total land area)	9	9	9
Freshwater withdrawal (% tot renewable)	657.1	688.9	
Terrestrial protected areas (% total land area)			0
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	1 962	2 531	2 625
Net emissions in land use (CO <sub>2</sub> eq. Gg)	0	0	0

# Lithuania

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	3.6	3.3	2.9
Rural population, total (mill.)	1.2	1.1	1.0
Govt. expenditure on agric. (% total outlays)		4.2	3.4
Area harvested, crops (mill. ha)	1.3	1.3	1.8
Cropping intensity ratio	0.5	0.6	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	6 855	7 506	8 424
Land area equipped for irrigation (1 000 ha)	9	4	4
Agric. area actually irrigated (% agric. area)		0.0	0.1
Employment in agriculture (%)	22.2	14.3	8.0
Employment in agriculture, female (%)	19.5	11.5	5.5
Fertilizers use, nitrogen (1 000 t nutrients)		0.0	160.2
Fertilizers use, phosphate (1 000 t nutrients)		121.1	50.9
Fertilizers use, potash (1 000 t nutrients)		64.9	71.4
Agric. value added per worker (constant USD)	3 595	5 637	12 168
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 430	3 417
Average dietary energy supply adequacy (%)		138	138
Dietary energy supply, cereals/roots/tubers (%)		41	39
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			<0.5
GDP per capita (USD, PPP)		18 527	28 034
Cereal import dependency ratio (%)		-32.3	-79.9
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		75.2	91.7
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 256	1 531	1 969
Agriculture, value added (% GDP)	10	4	3
Food (excl. fish) exports (mill. USD)	409	992	2 815
Food (excl. fish) imports (mill. USD)	162	774	1 988
<b>Production indices (2004–06 = 100)</b>			
Food	87	106	137
Crops	93	114	200
Cereals	64	113	226
Vegetable oils	13	105	212
Roots and tubers	207	118	45
Fruit and vegetables	115	119	95
Sugar	86	99	116
Livestock	88	103	89
Milk	83	102	76
Meat	95	105	102
Fish	38	92	72
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-17	124	659
Fruit and vegetables	24	-118	-160
Meat and meat preparations	25	-20	30
Dairy products (milk equivalent)	163	263	244
Fish	8	11	45
<b>Environment</b>			
Forest area (% total land area)	32	34	35
Agricultural area (% total land area)	54	45	47
Freshwater withdrawal (% tot renewable)	17.7	9.2	
Terrestrial protected areas (% total land area)			17
Organic area (ha)		69	222
Wood pellet production (1 000 t)			246
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	5 669	4 395	5 128
Net emissions in land use (CO <sub>2</sub> eq. Gg)	2 165	2 576	442

# Luxembourg

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)		0.5	0.6
Rural population, total (mill.)		0.1	0.1
Govt. expenditure on agric. (% total outlays)		1.3	1.2
Area harvested, crops (mill. ha)		0.0	0.0
Cropping intensity ratio		0.6	0.5
Total renewable water resources per cap. (m <sup>3</sup> )		7 373	6 079
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	3.9	1.7	1.0
Employment in agriculture, female (%)	3.5	1.1	0.6
Fertilizers use, nitrogen (1 000 t nutrients)		14.2	13.7
Fertilizers use, phosphate (1 000 t nutrients)		2.2	1.1
Fertilizers use, potash (1 000 t nutrients)		2.4	1.4
Agric. value added per worker (constant USD)	56 027	48 005	50 865
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 499	3 539
Average dietary energy supply adequacy (%)		137	138
Dietary energy supply, cereals/roots/tubers (%)		24	29
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			1.0
GDP per capita (USD, PPP)		88 610	94 921
Cereal import dependency ratio (%)		-2.9	24.0
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		98.1	98.2
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)		180	199
Agriculture, value added (% GDP)	1	0	0
Food (excl. fish) exports (mill. USD)		546	872
Food (excl. fish) imports (mill. USD)		993	1 433
<b>Production indices (2004–06 = 100)</b>			
Food		100	110
Crops		93	72
Cereals		96	83
Vegetable oils		93	69
Roots and tubers		100	89
Fruit and vegetables		88	52
Sugar			
Livestock		101	112
Milk		100	143
Meat		102	76
Fish			
<b>Net trade (mill. USD)</b>			
Cereals and preparations		-69	-87
Fruit and vegetables		-150	-200
Meat and meat preparations		-128	-181
Dairy products (milk equivalent)		3	38
Fish	0	-62	-103
<b>Environment</b>			
Forest area (% total land area)		36	36
Agricultural area (% total land area)		53	54
Freshwater withdrawal (% tot renewable)	1.6		1.2
Terrestrial protected areas (% total land area)			32
Organic area (ha)		3	5
Wood pellet production (1 000 t)			45
Emissions in agriculture (CO <sub>2</sub> eq. Gg)		557	592
Net emissions in land use (CO <sub>2</sub> eq. Gg)		4	4

# Madagascar

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	13.5	18.3	25.6
Rural population, total (mill.)	10.0	13.0	16.3
Govt. expenditure on agric. (% total outlays)		9.5	
Area harvested, crops (mill. ha)	2.7	2.9	2.5
Cropping intensity ratio	0.8	0.8	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	23 519	17 397	13 537
Land area equipped for irrigation (1 000 ha)	1 087	1 086	1 086
Agric. area actually irrigated (% agric. area)		2.2	
Employment in agriculture (%)	78.2	82.0	74.3
Employment in agriculture, female (%)	79.8	82.5	72.0
Fertilizers use, nitrogen (1 000 t nutrients)		7.3	9.5
Fertilizers use, phosphate (1 000 t nutrients)		4.6	4.3
Fertilizers use, potash (1 000 t nutrients)		4.5	4.3
Agric. value added per worker (constant USD)	346	284	244
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 042	1 907
Average dietary energy supply adequacy (%)		97	89
Dietary energy supply, cereals/roots/tubers (%)		78	79
Prevalence of undernourishment (%)		35.0	43.1
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		1 390	1 397
Cereal import dependency ratio (%)		11.6	13.2
Stunting, children under 5 (%)		52.8	
Wasting, children under 5 (%)		15.2	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	2 382	2 803	3 307
Agriculture, value added (% GDP)	36	30	32
Food (excl. fish) exports (mill. USD)	99	103	706
Food (excl. fish) imports (mill. USD)	74	216	388
<b>Production indices (2004–06 = 100)</b>			
Food	87	103	121
Crops	81	103	117
Cereals	72	103	115
Vegetable oils	89	99	136
Roots and tubers	86	110	107
Fruit and vegetables	85	100	127
Sugar	86	100	123
Livestock	106	104	124
Milk	101	101	107
Meat	109	105	130
Fish	84	99	105
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-39	-130	-188
Fruit and vegetables	29	23	69
Meat and meat preparations	9	-1	2
Dairy products (milk equivalent)	-5	-9	-19
Fish	83	120	117
<b>Environment</b>			
Forest area (% total land area)	23	22	21
Agricultural area (% total land area)	63	70	71
Freshwater withdrawal (% tot renewable)		4.0	
Terrestrial protected areas (% total land area)			5
Organic area (ha)		2	60
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	21 452	21 794	20 489
Net emissions in land use (CO <sub>2</sub> eq. Gg)	39 807	26 719	21 743

# Malawi

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	9.9	13.0	18.6
Rural population, total (mill.)	8.6	11.0	15.3
Govt. expenditure on agric. (% total outlays)		10.9	15.0
Area harvested, crops (mill. ha)	2.4	3.4	4.0
Cropping intensity ratio	1.0	1.0	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	1 684	1 280	955
Land area equipped for irrigation (1 000 ha)	36	71	74
Agric. area actually irrigated (% agric. area)		0.6	
Employment in agriculture (%)	84.1	85.0	84.7
Employment in agriculture, female (%)	88.4	89.4	89.7
Fertilizers use, nitrogen (1 000 t nutrients)		66.2	71.2
Fertilizers use, phosphate (1 000 t nutrients)		19.7	5.3
Fertilizers use, potash (1 000 t nutrients)		11.7	5.6
Agric. value added per worker (constant USD)	352	417	375
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 210	2 246
Average dietary energy supply adequacy (%)		105	104
Dietary energy supply, cereals/roots/tubers (%)		73	70
Prevalence of undernourishment (%)		26.1	26.3
Prevalence of severe food insecurity (%)			52.4
GDP per capita (USD, PPP)		840	1 084
Cereal import dependency ratio (%)		6.9	1.2
Stunting, children under 5 (%)		53.2	37.1
Wasting, children under 5 (%)		4.2	2.7
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	824	1 372	2 353
Agriculture, value added (% GDP)	30	33	23
Food (excl. fish) exports (mill. USD)	39	65	154
Food (excl. fish) imports (mill. USD)	94	90	356
<b>Production indices (2004–06 = 100)</b>			
Food	52	86	147
Crops	58	84	138
Cereals	91	67	131
Vegetable oils	29	84	197
Roots and tubers	16	79	121
Fruit and vegetables	59	100	132
Sugar	82	104	126
Livestock	70	96	244
Milk	69	107	211
Meat	69	94	266
Fish	84	94	251
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-65	-45	-259
Fruit and vegetables	8	10	48
Meat and meat preparations	-1	0	-1
Dairy products (milk equivalent)	-3	-14	-7
Fish	0	0	-2
<b>Environment</b>			
Forest area (% total land area)	40	36	33
Agricultural area (% total land area)	45	55	61
Freshwater withdrawal (% tot renewable)	5.4	7.9	
Terrestrial protected areas (% total land area)			17
Organic area (ha)		0	12
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	2 044	2 806	5 681
Net emissions in land use (CO <sub>2</sub> eq. Gg)	6 693	7 698	4 414

# Malaysia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	20.5	25.7	31.6
Rural population, total (mill.)	9.2	8.6	7.6
Govt. expenditure on agric. (% total outlays)		3.4	2.9
Area harvested, crops (mill. ha)	5.7	6.6	7.3
Cropping intensity ratio	0.9	1.0	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	26 596	21 698	18 597
Land area equipped for irrigation (1 000 ha)	363	375	442
Agric. area actually irrigated (% agric. area)			5.1
Employment in agriculture (%)	20.0	14.6	11.4
Employment in agriculture, female (%)	17.0	10.1	6.8
Fertilizers use, nitrogen (1 000 t nutrients)		634.7	280.6
Fertilizers use, phosphate (1 000 t nutrients)		78.3	288.4
Fertilizers use, potash (1 000 t nutrients)		682.5	951.0
Agric. value added per worker (constant USD)	11 199	14 632	16 735
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 810	2 964
Average dietary energy supply adequacy (%)		121	125
Dietary energy supply, cereals/roots/tubers (%)		47	44
Prevalence of undernourishment (%)		3.9	2.9
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		18 577	25 669
Cereal import dependency ratio (%)		86.3	72.6
Stunting, children under 5 (%)		17.2	20.7
Wasting, children under 5 (%)			11.5
Safely managed drinking water (% pop. using)		93.2	92.1
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	7 427	11 127	14 568
Agriculture, value added (% GDP)	13	8	9
Food (excl. fish) exports (mill. USD)	6 015	7 648	16 150
Food (excl. fish) imports (mill. USD)	2 821	4 456	10 700
<b>Production indices (2004–06 = 100)</b>			
Food	67	100	131
Crops	66	100	118
Cereals	94	103	100
Vegetable oils	53	100	131
Roots and tubers	275	101	105
Fruit and vegetables	93	100	136
Sugar	331	103	1
Livestock	87	100	145
Milk	91	100	102
Meat	89	100	136
Fish	86	96	123
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-711	-823	-883
Fruit and vegetables	-260	-357	-1 482
Meat and meat preparations	-125	-255	-681
Dairy products (milk equivalent)	-303	-333	-419
Fish	11	112	-224
<b>Environment</b>			
Forest area (% total land area)	67	64	68
Agricultural area (% total land area)	21	22	26
Freshwater withdrawal (% tot renewable)	0.9	1.9	
Terrestrial protected areas (% total land area)			19
Organic area (ha)		1	1
Wood pellet production (1 000 t)			310
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	11 540	14 095	12 533
Net emissions in land use (CO <sub>2</sub> eq. Gg)	126 794	153 534	-138 287

# Maldives

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	0.3	0.3	0.4
Rural population, total (mill.)	0.2	0.2	0.2
Govt. expenditure on agric. (% total outlays)		1.1	0.1
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.8	0.7	0.5
Total renewable water resources per cap. (m <sup>3</sup> )	113	95	70
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	23.0	14.4	7.6
Employment in agriculture, female (%)	9.5	8.5	2.5
Fertilizers use, nitrogen (1 000 t nutrients)		0.0	0.4
Fertilizers use, phosphate (1 000 t nutrients)		0.0	0.4
Fertilizers use, potash (1 000 t nutrients)		0.0	0.4
Agric. value added per worker (constant USD)	7 495	10 221	10 087
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 429	2 743
Average dietary energy supply adequacy (%)		106	115
Dietary energy supply, cereals/roots/tubers (%)		41	41
Prevalence of undernourishment (%)		18.2	11.0
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		9 274	14 232
Cereal import dependency ratio (%)		100.0	100.0
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	11	10	8
Agriculture, value added (% GDP)	7	7	3
Food (excl. fish) exports (mill. USD)	0	0	0
Food (excl. fish) imports (mill. USD)	46	94	343
<b>Production indices (2004–06 = 100)</b>			
Food	97	89	67
Crops	96	89	63
Cereals	10	92	158
Vegetable oils	64	91	1
Roots and tubers	234	81	71
Fruit and vegetables	98	87	45
Sugar			
Livestock	115	94	114
Milk			
Meat	115	94	114
Fish	59	105	73
<b>Net trade (mill. USD)</b>			
Cereals and preparations		-19	-54
Fruit and vegetables			-116
Meat and meat preparations		-10	-57
Dairy products (milk equivalent)		-14	-37
Fish	37	99	110
<b>Environment</b>			
Forest area (% total land area)	3	3	3
Agricultural area (% total land area)	27	30	26
Freshwater withdrawal (% tot renewable)		15.7	
Terrestrial protected areas (% total land area)			1
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	0	0	2
Net emissions in land use (CO <sub>2</sub> eq. Gg)	0	0	2



# Mali

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	9.6	12.8	18.5
Rural population, total (mill.)	6.7	8.1	10.1
Govt. expenditure on agric. (% total outlays)		17.7	
Area harvested, crops (mill. ha)	3.6	4.5	7.5
Cropping intensity ratio	1.1	0.8	1.1
Total renewable water resources per cap. (m <sup>3</sup> )	11 802	8 722	6 669
Land area equipped for irrigation (1 000 ha)	85	291	380
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	50.1	44.8	61.6
Employment in agriculture, female (%)	38.0	33.2	61.3
Fertilizers use, nitrogen (1 000 t nutrients)		59.3	167.4
Fertilizers use, phosphate (1 000 t nutrients)		16.1	76.1
Fertilizers use, potash (1 000 t nutrients)		12.5	40.2
Agric. value added per worker (constant USD)	1 454	1 743	1 213
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 594	2 956
Average dietary energy supply adequacy (%)		124	142
Dietary energy supply, cereals/roots/tubers (%)		67	67
Prevalence of undernourishment (%)		11.1	6.0
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		1 761	1 971
Cereal import dependency ratio (%)		9.6	7.8
Stunting, children under 5 (%)		38.5	30.4
Wasting, children under 5 (%)		15.3	13.5
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 803	2 691	4 626
Agriculture, value added (% GDP)	37	31	37
Food (excl. fish) exports (mill. USD)	113	53	175
Food (excl. fish) imports (mill. USD)	81	209	459
<b>Production indices (2004–06 = 100)</b>			
Food	69	102	176
Crops	76	103	193
Cereals	64	103	270
Vegetable oils	71	113	164
Roots and tubers	30	102	297
Fruit and vegetables	80	100	154
Sugar	87	102	111
Livestock	61	102	135
Milk	48	105	105
Meat	67	99	151
Fish	132	100	106
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-25	-106	-207
Fruit and vegetables	-11	-5	-22
Meat and meat preparations	0	0	-3
Dairy products (milk equivalent)	-16	-17	-29
Fish	-1	-5	-30
<b>Environment</b>			
Forest area (% total land area)	5	5	4
Agricultural area (% total land area)	29	33	34
Freshwater withdrawal (% tot renewable)		4.3	
Terrestrial protected areas (% total land area)			8
Organic area (ha)		15	12
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	15 334	22 303	31 056
Net emissions in land use (CO <sub>2</sub> eq. Gg)	7 964	8 152	7 425

# Malta

	1995	2005	2016
<b>The setting</b>			
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)		2.5	1.0
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	1.1	1.2	1.2
Total renewable water resources per cap. (m <sup>3</sup> )	133	125	118
Land area equipped for irrigation (1 000 ha)	1	3	4
Agric. area actually irrigated (% agric. area)		25.8	33.7
Employment in agriculture (%)	2.6	2.1	1.3
Employment in agriculture, female (%)	1.0	0.6	0.3
Fertilizers use, nitrogen (1 000 t nutrients)		0.6	2.1
Fertilizers use, phosphate (1 000 t nutrients)		0.1	0.1
Fertilizers use, potash (1 000 t nutrients)		0.2	0.1
Agric. value added per worker (constant USD)			
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 370	3 378
Average dietary energy supply adequacy (%)		133	134
Dietary energy supply, cereals/roots/tubers (%)		35	34
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		26 344	35 058
Cereal import dependency ratio (%)		82.4	92.8
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		100.0	99.9
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	75	76	71
Agriculture, value added (% GDP)	2	2	1
Food (excl. fish) exports (mill. USD)	18	63	101
Food (excl. fish) imports (mill. USD)	198	319	414
<b>Production indices (2004–06 = 100)</b>			
Food	96	97	90
Crops	100	94	94
Cereals	58	103	144
Vegetable oils	265	88	796
Roots and tubers	159	96	31
Fruit and vegetables	96	93	98
Sugar			
Livestock	92	99	87
Milk	79	101	104
Meat	95	100	82
Fish	224	87	344
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-45	-70	-58
Fruit and vegetables	-33	-62	-86
Meat and meat preparations	-34	-60	-91
Dairy products (milk equivalent)	-25	-36	-42
Fish	-15	-18	40
<b>Environment</b>			
Forest area (% total land area)	1	1	1
Agricultural area (% total land area)	34	29	32
Freshwater withdrawal (% tot renewable)	58.4	65.0	44.4
Terrestrial protected areas (% total land area)			24
Organic area (ha)		0	0
Wood pellet production (1 000 t)			0
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	110	104	96
Net emissions in land use (CO <sub>2</sub> eq. Gg)	0	0	0

# Mauritania

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	2.3	3.1	4.4
Rural population, total (mill.)	1.3	1.5	1.7
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.4	0.3	0.4
Cropping intensity ratio	0.8	0.8	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	4 604	3 425	2 651
Land area equipped for irrigation (1 000 ha)	45	45	45
Agric. area actually irrigated (% agric. area)		0.1	
Employment in agriculture (%)	80.5	77.9	76.1
Employment in agriculture, female (%)	88.6	85.5	84.4
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)	1 488	1 093	1 170
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 610	2 814
Average dietary energy supply adequacy (%)		118	126
Dietary energy supply, cereals/roots/tubers (%)		51	51
Prevalence of undernourishment (%)		12.1	11.3
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		2 986	3 572
Cereal import dependency ratio (%)		64.4	87.1
Stunting, children under 5 (%)		28.9	27.9
Wasting, children under 5 (%)		13.4	14.8
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	425	531	636
Agriculture, value added (% GDP)	42	28	22
Food (excl. fish) exports (mill. USD)	48	15	19
Food (excl. fish) imports (mill. USD)	115	151	345
<b>Production indices (2004–06 = 100)</b>			
Food	80	100	120
Crops	108	105	173
Cereals	126	108	234
Vegetable oils	154	102	101
Roots and tubers	80	99	108
Fruit and vegetables	116	100	103
Sugar			
Livestock	77	100	113
Milk	83	100	112
Meat	71	99	114
Fish	23	123	247
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-53	-63	-128
Fruit and vegetables	-5	-16	-35
Meat and meat preparations	0	-5	-18
Dairy products (milk equivalent)		-15	-73
Fish	159	124	598
<b>Environment</b>			
Forest area (% total land area)	0	0	0
Agricultural area (% total land area)	39	38	39
Freshwater withdrawal (% tot renewable)		11.8	
Terrestrial protected areas (% total land area)			1
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	5 107	7 169	8 096
Net emissions in land use (CO <sub>2</sub> eq. Gg)	1 100	1 100	-1 518

# Mauritius

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	1.1	1.2	1.3
Rural population, total (mill.)	0.6	0.7	0.8
Govt. expenditure on agric. (% total outlays)		3.9	2.2
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	0.9	0.9	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	2 384	2 231	2 180
Land area equipped for irrigation (1 000 ha)	18	21	17
Agric. area actually irrigated (% agric. area)		21.9	19.5
Employment in agriculture (%)	14.5	10.0	7.2
Employment in agriculture, female (%)	12.6	8.9	6.0
Fertilizers use, nitrogen (1 000 t nutrients)		9.9	8.1
Fertilizers use, phosphate (1 000 t nutrients)		5.8	3.4
Fertilizers use, potash (1 000 t nutrients)		14.2	6.2
Agric. value added per worker (constant USD)	4 448	5 835	10 173
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 018	3 043
Average dietary energy supply adequacy (%)		126	125
Dietary energy supply, cereals/roots/tubers (%)		46	46
Prevalence of undernourishment (%)		5.2	5.8
Prevalence of severe food insecurity (%)			5.9
GDP per capita (USD, PPP)		12 442	19 568
Cereal import dependency ratio (%)		96.2	93.9
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	235	251	234
Agriculture, value added (% GDP)	8	5	3
Food (excl. fish) exports (mill. USD)	402	371	323
Food (excl. fish) imports (mill. USD)	245	335	655
<b>Production indices (2004–06 = 100)</b>			
Food	92	99	92
Crops	105	99	80
Cereals	67	111	237
Vegetable oils	220	68	51
Roots and tubers	132	111	152
Fruit and vegetables	99	93	98
Sugar	103	100	76
Livestock	60	97	129
Milk	188	100	100
Meat	62	97	139
Fish	167	104	193
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-62	-90	-131
Fruit and vegetables	-30	-45	-92
Meat and meat preparations	-17	-34	-70
Dairy products (milk equivalent)	-49	-60	-99
Fish	-2	18	100
<b>Environment</b>			
Forest area (% total land area)	20	19	19
Agricultural area (% total land area)	51	47	42
Freshwater withdrawal (% tot renewable)	22.4	26.4	
Terrestrial protected areas (% total land area)			5
Organic area (ha)			0
Wood pellet production (1 000 t)			0
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	172	139	136
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-26	183	-15

## Mexico

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	94.0	108.5	129.2
Rural population, total (mill.)	25.4	26.2	25.9
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	16.7	14.9	16.7
Cropping intensity ratio	0.7	0.6	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	4 717	4 083	3 622
Land area equipped for irrigation (1 000 ha)	6 194	6 300	6 500
Agric. area actually irrigated (% agric. area)		5.1	5.5
Employment in agriculture (%)	23.9	14.8	12.9
Employment in agriculture, female (%)	10.2	4.7	3.4
Fertilizers use, nitrogen (1 000 t nutrients)		1 219.5	2 003.8
Fertilizers use, phosphate (1 000 t nutrients)		438.2	371.5
Fertilizers use, potash (1 000 t nutrients)		187.1	196.9
Agric. value added per worker (constant USD)	3 273	4 793	5 533
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 083	3 143
Average dietary energy supply adequacy (%)		132	132
Dietary energy supply, cereals/roots/tubers (%)		44	44
Prevalence of undernourishment (%)		5.5	3.8
Prevalence of severe food insecurity (%)			8.9
GDP per capita (USD, PPP)		15 792	17 207
Cereal import dependency ratio (%)		35.8	30.5
Stunting, children under 5 (%)		15.5	12.4
Wasting, children under 5 (%)		2.0	1.0
Safely managed drinking water (% pop. using)		40.1	42.6
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	23 922	30 029	38 641
Agriculture, value added (% GDP)	4	3	3
Food (excl. fish) exports (mill. USD)	3 948	7 573	22 107
Food (excl. fish) imports (mill. USD)	4 088	11 232	19 349
<b>Production indices (2004–06 = 100)</b>			
Food	78	98	127
Crops	80	97	135
Cereals	86	93	123
Vegetable oils	88	94	173
Roots and tubers	77	105	122
Fruit and vegetables	70	99	147
Sugar	88	103	112
Livestock	76	99	116
Milk	75	99	116
Meat	79	100	113
Fish	94	100	120
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-978	-2 341	-2 581
Fruit and vegetables	2 314	3 867	11 460
Meat and meat preparations	-442	-2 121	-2 159
Dairy products (milk equivalent)	-416	-1 000	-1 301
Fish	618	261	208
<b>Environment</b>			
Forest area (% total land area)	35	35	34
Agricultural area (% total land area)	55	55	55
Freshwater withdrawal (% tot renewable)		17.0	18.6
Terrestrial protected areas (% total land area)			14
Organic area (ha)		308	674
Wood pellet production (1 000 t)			4
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	78 502	79 825	89 728
Net emissions in land use (CO <sub>2</sub> eq. Gg)	19 372	19 999	8 705

# Mongolia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	2.3	2.5	3.1
Rural population, total (mill.)	1.0	0.9	0.8
Govt. expenditure on agric. (% total outlays)		3.7	1.2
Area harvested, crops (mill. ha)	0.4	0.2	0.4
Cropping intensity ratio	0.3	0.3	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	14 897	13 421	11 495
Land area equipped for irrigation (1 000 ha)	84	84	84
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	54.6	45.7	30.4
Employment in agriculture, female (%)	53.3	44.3	27.9
Fertilizers use, nitrogen (1 000 t nutrients)		3.7	21.9
Fertilizers use, phosphate (1 000 t nutrients)		0.0	0.5
Fertilizers use, potash (1 000 t nutrients)		0.0	0.2
Agric. value added per worker (constant USD)	1 875	1 628	4 538
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 257	2 453
Average dietary energy supply adequacy (%)		95	106
Dietary energy supply, cereals/roots/tubers (%)		49	47
Prevalence of undernourishment (%)		31.0	18.7
Prevalence of severe food insecurity (%)			2.8
GDP per capita (USD, PPP)		6 047	11 361
Cereal import dependency ratio (%)		68.0	22.5
Stunting, children under 5 (%)		27.5	10.8
Wasting, children under 5 (%)		2.7	1.0
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	667	591	968
Agriculture, value added (% GDP)	30	16	12
Food (excl. fish) exports (mill. USD)	10	11	74
Food (excl. fish) imports (mill. USD)	40	128	387
<b>Production indices (2004–06 = 100)</b>			
Food	110	98	160
Crops	88	80	258
Cereals	222	57	491
Vegetable oils		100	98
Roots and tubers	51	91	191
Fruit and vegetables	42	101	175
Sugar			
Livestock	116	99	150
Milk	76	94	199
Meat	122	100	139
Fish	48	110	5
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-20	-51	-105
Fruit and vegetables	-6	-17	-25
Meat and meat preparations	3	8	-1
Dairy products (milk equivalent)	-6	-4	-12
Fish	0	0	-3
<b>Environment</b>			
Forest area (% total land area)	8	7	8
Agricultural area (% total land area)	76	73	71
Freshwater withdrawal (% tot renewable)	1.2	1.6	
Terrestrial protected areas (% total land area)			17
Organic area (ha)			13
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	15 071	13 770	24 493
Net emissions in land use (CO <sub>2</sub> eq. Gg)	27 325	23 874	26 597

# Montenegro

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)			0.6
Rural population, total (mill.)			0.2
Govt. expenditure on agric. (% total outlays)			0.6
Area harvested, crops (mill. ha)			0.0
Cropping intensity ratio			0.9
Total renewable water resources per cap. (m <sup>3</sup> )			
Land area equipped for irrigation (1 000 ha)			2
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	14.0	8.6	7.6
Employment in agriculture, female (%)	10.8	8.9	8.3
Fertilizers use, nitrogen (1 000 t nutrients)			1.3
Fertilizers use, phosphate (1 000 t nutrients)			0.6
Fertilizers use, potash (1 000 t nutrients)			0.6
Agric. value added per worker (constant USD)		20 516	24 232
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)			3 491
Average dietary energy supply adequacy (%)		132	141
Dietary energy supply, cereals/roots/tubers (%)		36	34
Prevalence of undernourishment (%)			<2.5
Prevalence of severe food insecurity (%)			2.3
GDP per capita (USD, PPP)		11 761	15 737
Cereal import dependency ratio (%)			91.4
Stunting, children under 5 (%)		7.9	9.4
Wasting, children under 5 (%)		4.2	2.8
Safely managed drinking water (% pop. using)			89.7
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)			95
Agriculture, value added (% GDP)	11	9	7
Food (excl. fish) exports (mill. USD)			30
Food (excl. fish) imports (mill. USD)			404
<b>Production indices (2004–06 = 100)</b>			
Food			63
Crops			54
Cereals			48
Vegetable oils			100
Roots and tubers			23
Fruit and vegetables			64
Sugar			
Livestock			71
Milk			80
Meat			40
Fish			134
<b>Net trade (mill. USD)</b>			
Cereals and preparations			-59
Fruit and vegetables			-61
Meat and meat preparations			-93
Dairy products (milk equivalent)			-46
Fish	0	0	-18
<b>Environment</b>			
Forest area (% total land area)			61
Agricultural area (% total land area)			19
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			4
Organic area (ha)			4
Wood pellet production (1 000 t)			85
Emissions in agriculture (CO <sub>2</sub> eq. Gg)			402
Net emissions in land use (CO <sub>2</sub> eq. Gg)			82

# Morocco

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	27.1	30.5	35.7
Rural population, total (mill.)	13.0	13.5	13.5
Govt. expenditure on agric. (% total outlays)		0.4	
Area harvested, crops (mill. ha)	5.5	7.4	6.1
Cropping intensity ratio	0.6	0.8	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	1 038	935	822
Land area equipped for irrigation (1 000 ha)	1 255	1 490	1 530
Agric. area actually irrigated (% agric. area)		4.3	
Employment in agriculture (%)	42.0	45.5	37.7
Employment in agriculture, female (%)	43.2	61.5	57.2
Fertilizers use, nitrogen (1 000 t nutrients)		337.4	243.2
Fertilizers use, phosphate (1 000 t nutrients)		114.4	223.9
Fertilizers use, potash (1 000 t nutrients)		66.3	110.9
Agric. value added per worker (constant USD)	1 677	1 929	3 150
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 247	3 470
Average dietary energy supply adequacy (%)		138	147
Dietary energy supply, cereals/roots/tubers (%)		63	60
Prevalence of undernourishment (%)		5.7	3.9
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		5 362	7 286
Cereal import dependency ratio (%)		39.1	42.1
Stunting, children under 5 (%)		23.1	
Wasting, children under 5 (%)		10.8	
Safely managed drinking water (% pop. using)		59.4	68.8
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	3 727	6 270	7 972
Agriculture, value added (% GDP)	14	12	12
Food (excl. fish) exports (mill. USD)	661	1 167	2 479
Food (excl. fish) imports (mill. USD)	1 324	1 774	3 861
<b>Production indices (2004–06 = 100)</b>			
Food	55	93	118
Crops	49	89	110
Cereals	18	56	47
Vegetable oils	66	117	214
Roots and tubers	55	98	116
Fruit and vegetables	51	94	109
Sugar	95	106	123
Livestock	72	101	148
Milk	62	98	173
Meat	73	102	149
Fish	90	109	154
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-622	-846	-1 961
Fruit and vegetables	481	795	1 529
Meat and meat preparations	-20	-6	-41
Dairy products (milk equivalent)	-92	-59	-94
Fish	779	1 025	1 958
<b>Environment</b>			
Forest area (% total land area)	11	12	13
Agricultural area (% total land area)	69	67	69
Freshwater withdrawal (% tot renewable)	38.8	51.1	
Terrestrial protected areas (% total land area)			31
Organic area (ha)		1	10
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	9 461	12 511	13 686
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-8 799	-9 531	-1 465



## Mozambique

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	15.8	20.9	29.7
Rural population, total (mill.)	11.6	14.7	19.1
Govt. expenditure on agric. (% total outlays)		4.6	8.0
Area harvested, crops (mill. ha)	3.9	6.4	5.5
Cropping intensity ratio	1.0	1.2	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	12 867	9 709	7 530
Land area equipped for irrigation (1 000 ha)	107	118	118
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	85.0	79.3	73.3
Employment in agriculture, female (%)	92.8	89.4	84.8
Fertilizers use, nitrogen (1 000 t nutrients)		6.4	13.4
Fertilizers use, phosphate (1 000 t nutrients)		0.4	6.6
Fertilizers use, potash (1 000 t nutrients)		0.3	1.0
Agric. value added per worker (constant USD)	222	325	481
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 070	2 252
Average dietary energy supply adequacy (%)		98	106
Dietary energy supply, cereals/roots/tubers (%)		73	71
Prevalence of undernourishment (%)		37.0	30.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		742	1 127
Cereal import dependency ratio (%)		42.2	30.0
Stunting, children under 5 (%)		47.0	
Wasting, children under 5 (%)		5.4	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 422	1 819	2 838
Agriculture, value added (% GDP)	33	23	23
Food (excl. fish) exports (mill. USD)	36	81	399
Food (excl. fish) imports (mill. USD)	217	397	1 148
<b>Production indices (2004–06 = 100)</b>			
Food	75	96	150
Crops	63	93	154
Cereals	84	80	120
Vegetable oils	83	105	153
Roots and tubers	70	85	162
Fruit and vegetables	73	99	244
Sugar	15	109	134
Livestock	93	106	134
Milk	85	102	141
Meat	101	109	122
Fish	30	94	333
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-126	-218	-485
Fruit and vegetables	-3	16	114
Meat and meat preparations	-4	-21	-49
Dairy products (milk equivalent)	-18	-9	-35
Fish	63	51	-17
<b>Environment</b>			
Forest area (% total land area)	54	51	48
Agricultural area (% total land area)	61	63	64
Freshwater withdrawal (% tot renewable)			0.7
Terrestrial protected areas (% total land area)			22
Organic area (ha)		1	7
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	14 742	16 463	16 522
Net emissions in land use (CO <sub>2</sub> eq. Gg)	36 788	37 836	39 199

# Myanmar

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	43.2	48.5	53.4
Rural population, total (mill.)	33.8	35.7	35.6
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	10.9	15.8	17.1
Cropping intensity ratio	1.1	1.4	1.4
Total renewable water resources per cap. (m <sup>3</sup> )	25 449	23 038	22 086
Land area equipped for irrigation (1 000 ha)	1 555	2 136	2 295
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	77.6	69.5	51.3
Employment in agriculture, female (%)	76.7	69.2	49.8
Fertilizers use, nitrogen (1 000 t nutrients)		53.8	138.8
Fertilizers use, phosphate (1 000 t nutrients)		8.1	31.4
Fertilizers use, potash (1 000 t nutrients)		3.8	24.8
Agric. value added per worker (constant USD)		913	1 585
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 146	2 711
Average dietary energy supply adequacy (%)		95	118
Dietary energy supply, cereals/roots/tubers (%)		60	52
Prevalence of undernourishment (%)		32.0	10.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		2 275	5 305
Cereal import dependency ratio (%)		-1.5	-2.0
Stunting, children under 5 (%)		40.6	29.2
Wasting, children under 5 (%)		10.7	7.0
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	7 238	12 334	17 083
Agriculture, value added (% GDP)	60	47	25
Food (excl. fish) exports (mill. USD)	371	382	2 328
Food (excl. fish) imports (mill. USD)	283	343	3 069
<b>Production indices (2004–06 = 100)</b>			
Food	58	98	136
Crops	57	99	124
Cereals	64	100	96
Vegetable oils	53	93	149
Roots and tubers	38	99	137
Fruit and vegetables	59	100	126
Sugar	43	95	141
Livestock	33	101	208
Milk	56	99	239
Meat	30	101	193
Fish	37	101	140
<b>Net trade (mill. USD)</b>			
Cereals and preparations	70	26	-283
Fruit and vegetables	242	245	859
Meat and meat preparations	0	0	-13
Dairy products (milk equivalent)			-78
Fish	116	457	463
<b>Environment</b>			
Forest area (% total land area)	57	51	44
Agricultural area (% total land area)	16	17	20
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			7
Organic area (ha)			5
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	46 173	56 677	69 298
Net emissions in land use (CO <sub>2</sub> eq. Gg)	111 000	84 272	104 038

# Namibia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	1.7	2.0	2.5
Rural population, total (mill.)	1.2	1.3	1.3
Govt. expenditure on agric. (% total outlays)		5.1	2.0
Area harvested, crops (mill. ha)	0.4	0.3	0.4
Cropping intensity ratio	0.4	0.4	0.5
Total renewable water resources per cap. (m <sup>3</sup> )	22 702	19 160	16 095
Land area equipped for irrigation (1 000 ha)	7	8	8
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	42.3	26.8	20.1
Employment in agriculture, female (%)	44.3	20.6	18.1
Fertilizers use, nitrogen (1 000 t nutrients)		1.0	19.6
Fertilizers use, phosphate (1 000 t nutrients)		0.3	0.9
Fertilizers use, potash (1 000 t nutrients)		0.3	0.3
Agric. value added per worker (constant USD)	4 229	7 438	6 109
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 247	2 260
Average dietary energy supply adequacy (%)		99	98
Dietary energy supply, cereals/roots/tubers (%)		58	55
Prevalence of undernourishment (%)		25.1	25.4
Prevalence of severe food insecurity (%)			39.8
GDP per capita (USD, PPP)			
Cereal import dependency ratio (%)		58.1	69.6
Stunting, children under 5 (%)		29.6	23.1
Wasting, children under 5 (%)			7.1
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	405	463	412
Agriculture, value added (% GDP)	10	11	6
Food (excl. fish) exports (mill. USD)	215	172	212
Food (excl. fish) imports (mill. USD)	137	202	541
<b>Production indices (2004–06 = 100)</b>			
Food	91	104	93
Crops	54	95	121
Cereals	45	86	83
Vegetable oils	74	10	23
Roots and tubers	69	101	120
Fruit and vegetables	28	100	170
Sugar			
Livestock	103	107	84
Milk	79	110	100
Meat	107	106	82
Fish	105	102	93
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-64	-40	-143
Fruit and vegetables	-38	-11	-62
Meat and meat preparations	98	6	30
Dairy products (milk equivalent)	-13	-11	-38
Fish	330	355	588
<b>Environment</b>			
Forest area (% total land area)	10	9	8
Agricultural area (% total land area)	47	47	47
Freshwater withdrawal (% tot renewable)	0.7	0.7	
Terrestrial protected areas (% total land area)			38
Organic area (ha)		0	30
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	6 737	7 152	8 117
Net emissions in land use (CO <sub>2</sub> eq. Gg)	9 009	9 211	9 188

# Nepal

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	21.4	25.6	29.3
Rural population, total (mill.)	18.3	21.5	23.4
Govt. expenditure on agric. (% total outlays)		8.2	9.5
Area harvested, crops (mill. ha)	4.3	4.7	4.9
Cropping intensity ratio	1.8	1.9	2.1
Total renewable water resources per cap. (m <sup>3</sup> )	9 386	8 065	7 253
Land area equipped for irrigation (1 000 ha)	1 134	1 193	1 369
Agric. area actually irrigated (% agric. area)		24.5	
Employment in agriculture (%)	81.1	76.0	72.3
Employment in agriculture, female (%)	88.8	84.4	83.3
Fertilizers use, nitrogen (1 000 t nutrients)		2.9	105.7
Fertilizers use, phosphate (1 000 t nutrients)		5.0	46.8
Fertilizers use, potash (1 000 t nutrients)		0.3	4.0
Agric. value added per worker (constant USD)	390	476	531
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 386	2 666
Average dietary energy supply adequacy (%)		112	118
Dietary energy supply, cereals/roots/tubers (%)		73	68
Prevalence of undernourishment (%)		16.0	9.5
Prevalence of severe food insecurity (%)			7.8
GDP per capita (USD, PPP)		1 684	2 298
Cereal import dependency ratio (%)		1.9	7.6
Stunting, children under 5 (%)		49.3	35.8
Wasting, children under 5 (%)		12.7	9.7
Safely managed drinking water (% pop. using)		25.0	26.8
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	3 271	4 289	5 883
Agriculture, value added (% GDP)	37	34	29
Food (excl. fish) exports (mill. USD)	27	90	97
Food (excl. fish) imports (mill. USD)	113	319	1 100
<b>Production indices (2004–06 = 100)</b>			
Food	77	100	138
Crops	75	100	139
Cereals	80	100	107
Vegetable oils	82	103	129
Roots and tubers	49	97	153
Fruit and vegetables	80	101	189
Sugar	62	100	187
Livestock	78	100	142
Milk	75	100	143
Meat	81	101	138
Fish	50	100	166
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-15	-27	-428
Fruit and vegetables	-13	-66	-189
Meat and meat preparations	0	0	-1
Dairy products (milk equivalent)	-1	-6	-19
Fish	-1	0	-10
<b>Environment</b>			
Forest area (% total land area)	30	25	25
Agricultural area (% total land area)	29	29	29
Freshwater withdrawal (% tot renewable)		4.5	
Terrestrial protected areas (% total land area)			24
Organic area (ha)		1	9
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	17 187	18 800	22 132
Net emissions in land use (CO <sub>2</sub> eq. Gg)	36 216	31 865	6 200

## Netherlands

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	15.5	16.4	17.0
Rural population, total (mill.)	4.2	2.8	1.4
Govt. expenditure on agric. (% total outlays)		0.5	0.4
Area harvested, crops (mill. ha)	0.6	0.6	0.5
Cropping intensity ratio	0.7	0.5	0.5
Total renewable water resources per cap. (m <sup>3</sup> )	5 820	5 528	5 357
Land area equipped for irrigation (1 000 ha)	329	408	522
Agric. area actually irrigated (% agric. area)		4.8	11.2
Employment in agriculture (%)	3.8	3.3	2.3
Employment in agriculture, female (%)	2.3	2.2	1.4
Fertilizers use, nitrogen (1 000 t nutrients)		279.2	261.1
Fertilizers use, phosphate (1 000 t nutrients)		48.6	9.1
Fertilizers use, potash (1 000 t nutrients)		47.4	26.8
Agric. value added per worker (constant USD)	46 406	48 178	78 714
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 214	3 228
Average dietary energy supply adequacy (%)		125	125
Dietary energy supply, cereals/roots/tubers (%)		23	27
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		43 507	47 270
Cereal import dependency ratio (%)		77.2	84.3
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		100.0	100.0
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	12 304	11 590	13 956
Agriculture, value added (% GDP)	3	2	2
Food (excl. fish) exports (mill. USD)	24 093	32 234	55 648
Food (excl. fish) imports (mill. USD)	15 427	21 127	39 360
<b>Production indices (2004–06 = 100)</b>			
Food	105	99	120
Crops	97	99	107
Cereals	92	99	78
Vegetable oils	124	85	60
Roots and tubers	105	99	96
Fruit and vegetables	93	99	119
Sugar	110	101	94
Livestock	108	100	123
Milk	101	98	135
Meat	115	100	116
Fish	88	105	73
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-279	-149	546
Fruit and vegetables	2 896	3 465	5 543
Meat and meat preparations	3 738	3 441	4 553
Dairy products (milk equivalent)	1 632	2 148	3 846
Fish	255	742	854
<b>Environment</b>			
Forest area (% total land area)	10	11	11
Agricultural area (% total land area)	58	57	53
Freshwater withdrawal (% tot renewable)	7.2	12.0	
Terrestrial protected areas (% total land area)			11
Organic area (ha)		49	52
Wood pellet production (1 000 t)			246
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	20 613	17 164	18 675
Net emissions in land use (CO <sub>2</sub> eq. Gg)	2 371	2 773	1 160

## New Zealand

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	3.7	4.1	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	0.3
Cropping intensity ratio	0.2	0.5	0.4
Total renewable water resources per cap. (m <sup>3</sup> )	87 154	77 159	70 159
Land area equipped for irrigation (1 000 ha)	285	533	700
Agric. area actually irrigated (% agric. area)		4.3	6.6
Employment in agriculture (%)	9.7	7.2	6.5
Employment in agriculture, female (%)	6.6	5.0	4.4
Fertilizers use, nitrogen (1 000 t nutrients)		309.8	433.0
Fertilizers use, phosphate (1 000 t nutrients)		821.1	540.4
Fertilizers use, potash (1 000 t nutrients)		24.6	39.6
Agric. value added per worker (constant USD)	71 350	98 212	99 611
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 164	3 046
Average dietary energy supply adequacy (%)		127	123
Dietary energy supply, cereals/roots/tubers (%)		27	28
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			3.2
GDP per capita (USD, PPP)		31 352	35 777
Cereal import dependency ratio (%)		38.2	36.5
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		76.7	100.0
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	7 318	9 309	11 201
Agriculture, value added (% GDP)	6	5	5
Food (excl. fish) exports (mill. USD)	4 590	9 283	16 922
Food (excl. fish) imports (mill. USD)	685	1 433	2 767
<b>Production indices (2004–06 = 100)</b>			
Food	78	99	119
Crops	93	101	121
Cereals	91	108	137
Vegetable oils	107	99	94
Roots and tubers	96	100	106
Fruit and vegetables	92	101	121
Sugar			
Livestock	78	99	117
Milk	62	98	145
Meat	93	100	85
Fish	100	104	85
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-43	54	402
Fruit and vegetables	644	809	1 818
Meat and meat preparations	1 655	3 229	4 084
Dairy products (milk equivalent)	1 727	3 585	7 685
Fish	756	800	1 046
<b>Environment</b>			
Forest area (% total land area)	38	39	39
Agricultural area (% total land area)	57	44	40
Freshwater withdrawal (% tot renewable)		1.5	
Terrestrial protected areas (% total land area)			33
Organic area (ha)		47	74
Wood pellet production (1 000 t)			50
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	39 297	39 090	38 618
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-21 633	-14 669	-15 398

# Nicaragua

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	4.6	5.4	6.2
Rural population, total (mill.)	2.2	2.4	2.6
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.8	1.1	1.1
Cropping intensity ratio	0.4	0.5	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	34 364	29 790	26 748
Land area equipped for irrigation (1 000 ha)	60	140	199
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	33.4	28.9	29.7
Employment in agriculture, female (%)	10.1	8.1	8.5
Fertilizers use, nitrogen (1 000 t nutrients)		35.6	53.1
Fertilizers use, phosphate (1 000 t nutrients)		10.9	20.5
Fertilizers use, potash (1 000 t nutrients)		9.7	18.9
Agric. value added per worker (constant USD)	1 923	2 089	1 994
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 391	2 689
Average dietary energy supply adequacy (%)		106	117
Dietary energy supply, cereals/roots/tubers (%)		53	51
Prevalence of undernourishment (%)		24.4	16.2
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		3 772	5 131
Cereal import dependency ratio (%)		29.2	34.6
Stunting, children under 5 (%)		23.0	
Wasting, children under 5 (%)		1.5	
Safely managed drinking water (% pop. using)		57.0	58.7
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	672	1 172	1 476
Agriculture, value added (% GDP)	20	16	16
Food (excl. fish) exports (mill. USD)	142	408	843
Food (excl. fish) imports (mill. USD)	156	295	676
<b>Production indices (2004–06 = 100)</b>			
Food	58	102	129
Crops	70	107	138
Cereals	72	108	100
Vegetable oils	48	107	124
Roots and tubers	80	102	107
Fruit and vegetables	101	101	266
Sugar	78	93	166
Livestock	48	100	126
Milk	31	99	94
Meat	53	100	143
Fish	33	105	187
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-57	-124	-273
Fruit and vegetables	14	31	87
Meat and meat preparations	54	117	258
Dairy products (milk equivalent)	-9	27	74
Fish	79	102	269
<b>Environment</b>			
Forest area (% total land area)	35	29	26
Agricultural area (% total land area)	38	44	42
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			37
Organic area (ha)		51	34
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	5 256	7 107	9 805
Net emissions in land use (CO <sub>2</sub> eq. Gg)	28 990	29 163	163

# Niger

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	9.5	13.6	21.5
Rural population, total (mill.)	7.7	11.0	16.8
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	11.1	12.5	17.4
Cropping intensity ratio	0.8	0.9	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	3 385	2 344	1 647
Land area equipped for irrigation (1 000 ha)	66	74	100
Agric. area actually irrigated (% agric. area)		0.2	
Employment in agriculture (%)	75.9	77.6	75.8
Employment in agriculture, female (%)	73.6	74.7	72.0
Fertilizers use, nitrogen (1 000 t nutrients)		2.8	6.4
Fertilizers use, phosphate (1 000 t nutrients)		1.6	0.2
Fertilizers use, potash (1 000 t nutrients)		1.1	0.2
Agric. value added per worker (constant USD)		431	519
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 446	2 581
Average dietary energy supply adequacy (%)		117	123
Dietary energy supply, cereals/roots/tubers (%)		64	61
Prevalence of undernourishment (%)		15.1	14.4
Prevalence of severe food insecurity (%)			37.2
GDP per capita (USD, PPP)		763	917
Cereal import dependency ratio (%)		9.9	9.2
Stunting, children under 5 (%)		54.8	42.2
Wasting, children under 5 (%)		12.4	10.3
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 167	2 245	3 865
Agriculture, value added (% GDP)	35	42	39
Food (excl. fish) exports (mill. USD)	35	63	343
Food (excl. fish) imports (mill. USD)	83	232	401
<b>Production indices (2004–06 = 100)</b>			
Food	53	102	176
Crops	52	104	236
Cereals	65	106	165
Vegetable oils	48	112	296
Roots and tubers	70	89	249
Fruit and vegetables	35	100	261
Sugar	46	97	95
Livestock	55	100	104
Milk	66	100	129
Meat	51	100	95
Fish	8	114	80
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-24	-139	-51
Fruit and vegetables	15	12	4
Meat and meat preparations	0	0	-7
Dairy products (milk equivalent)	-12	-17	-28
Fish	-1	2	-7
<b>Environment</b>			
Forest area (% total land area)	1	1	1
Agricultural area (% total land area)	28	34	36
Freshwater withdrawal (% tot renewable)		2.9	
Terrestrial protected areas (% total land area)			17
Organic area (ha)		0	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	10 972	16 697	25 449
Net emissions in land use (CO <sub>2</sub> eq. Gg)	7 077	1 593	1 574



# Nigeria

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	108.0	138.9	190.9
Rural population, total (mill.)	73.5	85.0	98.1
Govt. expenditure on agric. (% total outlays)		4.0	1.8
Area harvested, crops (mill. ha)	38.4	45.1	51.5
Cropping intensity ratio	1.0	1.1	1.3
Total renewable water resources per cap. (m <sup>3</sup> )	2 511	1 945	1 539
Land area equipped for irrigation (1 000 ha)	233	293	293
Agric. area actually irrigated (% agric. area)		0.3	
Employment in agriculture (%)	59.2	51.2	36.3
Employment in agriculture, female (%)	54.7	44.4	26.1
Fertilizers use, nitrogen (1 000 t nutrients)		213.2	86.5
Fertilizers use, phosphate (1 000 t nutrients)		20.7	61.5
Fertilizers use, potash (1 000 t nutrients)		25.2	38.0
Agric. value added per worker (constant USD)	1 394	3 019	5 711
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 696	2 518
Average dietary energy supply adequacy (%)		125	117
Dietary energy supply, cereals/roots/tubers (%)		63	65
Prevalence of undernourishment (%)		6.5	11.5
Prevalence of severe food insecurity (%)			24.8
GDP per capita (USD, PPP)		4 149	5 435
Cereal import dependency ratio (%)		16.1	19.2
Stunting, children under 5 (%)		42.8	43.6
Wasting, children under 5 (%)		13.4	10.8
Safely managed drinking water (% pop. using)		18.5	19.4
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	20 771	30 634	38 311
Agriculture, value added (% GDP)	24	25	21
Food (excl. fish) exports (mill. USD)	196	566	1 040
Food (excl. fish) imports (mill. USD)	964	2 441	4 566
<b>Production indices (2004–06 = 100)</b>			
Food	68	100	125
Crops	67	99	119
Cereals	84	99	97
Vegetable oils	62	99	91
Roots and tubers	65	99	126
Fruit and vegetables	70	101	129
Sugar	64	100	146
Livestock	73	101	119
Milk	93	99	118
Meat	71	101	123
Fish	64	101	181
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-211	-1 085	-1 406
Fruit and vegetables	10	-43	-107
Meat and meat preparations	-3	-4	-9
Dairy products (milk equivalent)	-272	-299	-298
Fish	-125	-557	-624
<b>Environment</b>			
Forest area (% total land area)	17	12	7
Agricultural area (% total land area)	75	80	78
Freshwater withdrawal (% tot renewable)		4.0	
Terrestrial protected areas (% total land area)			14
Organic area (ha)		3	52
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	41 404	55 732	67 087
Net emissions in land use (CO <sub>2</sub> eq. Gg)	193 372	158 995	191 754

# Norway

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	4.4	4.6	5.3
Rural population, total (mill.)	1.1	1.0	1.0
Govt. expenditure on agric. (% total outlays)		2.0	1.5
Area harvested, crops (mill. ha)	0.4	0.4	0.3
Cropping intensity ratio	0.4	0.4	0.4
Total renewable water resources per cap. (m <sup>3</sup> )	89 055	83 316	74 790
Land area equipped for irrigation (1 000 ha)	127	118	82
Agric. area actually irrigated (% agric. area)		4.2	3.3
Employment in agriculture (%)	5.5	3.3	2.1
Employment in agriculture, female (%)	3.3	1.6	1.0
Fertilizers use, nitrogen (1 000 t nutrients)		105.5	102.2
Fertilizers use, phosphate (1 000 t nutrients)		28.6	20.8
Fertilizers use, potash (1 000 t nutrients)		54.5	41.1
Agric. value added per worker (constant USD)	40 467	69 023	127 065
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 481	3 476
Average dietary energy supply adequacy (%)		137	136
Dietary energy supply, cereals/roots/tubers (%)		31	30
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			1.2
GDP per capita (USD, PPP)		62 865	64 160
Cereal import dependency ratio (%)		27.9	49.9
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		95.0	95.0
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 215	1 255	1 359
Agriculture, value added (% GDP)	3	1	2
Food (excl. fish) exports (mill. USD)	244	315	483
Food (excl. fish) imports (mill. USD)	1 251	2 213	4 220
<b>Production indices (2004–06 = 100)</b>			
Food	96	99	107
Crops	98	96	102
Cereals	91	100	98
Vegetable oils	155	102	104
Roots and tubers	110	86	102
Fruit and vegetables	104	97	109
Sugar			
Livestock	97	100	109
Milk	109	100	101
Meat	88	99	114
Fish	92	100	110
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-169	-360	-627
Fruit and vegetables	-451	-809	-1 373
Meat and meat preparations	-31	-77	-182
Dairy products (milk equivalent)	60	37	-35
Fish	2 632	4 184	9 528
<b>Environment</b>			
Forest area (% total land area)	33	33	33
Agricultural area (% total land area)	3	3	3
Freshwater withdrawal (% tot renewable)	0.6	0.8	
Terrestrial protected areas (% total land area)			17
Organic area (ha)		43	48
Wood pellet production (1 000 t)			57
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	5 168	4 940	4 765
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-14 244	-21 214	-21 941

# Oman

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	2.2	2.5	4.6
Rural population, total (mill.)	0.6	0.7	0.9
Govt. expenditure on agric. (% total outlays)		0.7	0.6
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	0.8	0.9	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	628	540	316
Land area equipped for irrigation (1 000 ha)	61	60	85
Agric. area actually irrigated (% agric. area)			5.9
Employment in agriculture (%)	8.1	6.8	6.3
Employment in agriculture, female (%)	5.0	1.2	0.6
Fertilizers use, nitrogen (1 000 t nutrients)		30.1	9.5
Fertilizers use, phosphate (1 000 t nutrients)		1.5	3.5
Fertilizers use, potash (1 000 t nutrients)		7.3	13.2
Agric. value added per worker (constant USD)			7 678
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 718	3 126
Average dietary energy supply adequacy (%)		115	125
Dietary energy supply, cereals/roots/tubers (%)		38	38
Prevalence of undernourishment (%)		10.5	5.4
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		41 458	39 884
Cereal import dependency ratio (%)		90.2	93.1
Stunting, children under 5 (%)			14.1
Wasting, children under 5 (%)			7.5
Safely managed drinking water (% pop. using)		74.7	88.5
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	237	379	495
Agriculture, value added (% GDP)	3	2	1
Food (excl. fish) exports (mill. USD)	122	344	1 033
Food (excl. fish) imports (mill. USD)	577	902	2 990
<b>Production indices (2004–06 = 100)</b>			
Food	70	112	146
Crops	80	98	148
Cereals	70	96	64
Vegetable oils			
Roots and tubers	63	66	148
Fruit and vegetables	80	99	151
Sugar		66	125
Livestock	58	130	137
Milk	76	95	162
Meat	48	148	115
Fish	89	100	178
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-115	-131	-345
Fruit and vegetables	-87	-140	-418
Meat and meat preparations	-78	-101	-208
Dairy products (milk equivalent)	-81	-84	-356
Fish	57	89	100
<b>Environment</b>			
Forest area (% total land area)	0	0	0
Agricultural area (% total land area)	3	5	5
Freshwater withdrawal (% tot renewable)		84.7	
Terrestrial protected areas (% total land area)			3
Organic area (ha)		0	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	740	1 188	1 458
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-2	-2	-5

# Pakistan

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	122.8	153.9	197.0
Rural population, total (mill.)	86.4	103.1	117.1
Govt. expenditure on agric. (% total outlays)		0.3	1.1
Area harvested, crops (mill. ha)	19.7	20.6	21.2
Cropping intensity ratio	0.6	0.7	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	1 915	1 545	1 277
Land area equipped for irrigation (1 000 ha)	17 200	18 980	20 200
Agric. area actually irrigated (% agric. area)		52.8	50.5
Employment in agriculture (%)	46.8	43.1	42.3
Employment in agriculture, female (%)	67.5	67.3	73.1
Fertilizers use, nitrogen (1 000 t nutrients)		2 818.8	3 241.9
Fertilizers use, phosphate (1 000 t nutrients)		871.4	1 209.1
Fertilizers use, potash (1 000 t nutrients)		35.3	29.0
Agric. value added per worker (constant USD)	1 643	1 787	1 690
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 360	2 432
Average dietary energy supply adequacy (%)		106	108
Dietary energy supply, cereals/roots/tubers (%)		49	49
Prevalence of undernourishment (%)		23.3	20.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		4 013	4 857
Cereal import dependency ratio (%)		-9.4	-17.3
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		38.0	35.6
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	22 199	28 725	37 253
Agriculture, value added (% GDP)	26	23	24
Food (excl. fish) exports (mill. USD)	784	1 394	3 311
Food (excl. fish) imports (mill. USD)	1 688	1 788	4 902
<b>Production indices (2004–06 = 100)</b>			
Food	78	101	130
Crops	82	102	118
Cereals	77	104	132
Vegetable oils	73	99	101
Roots and tubers	65	108	199
Fruit and vegetables	82	103	104
Sugar	97	97	134
Livestock	74	98	137
Milk	65	99	133
Meat	93	96	145
Fish	96	92	119
<b>Net trade (mill. USD)</b>			
Cereals and preparations	27	692	1 655
Fruit and vegetables	-79	-62	-676
Meat and meat preparations	0	16	226
Dairy products (milk equivalent)	-17	-12	-152
Fish	149	139	334
<b>Environment</b>			
Forest area (% total land area)	3	2	2
Agricultural area (% total land area)	47	47	48
Freshwater withdrawal (% tot renewable)		74.4	
Terrestrial protected areas (% total land area)			12
Organic area (ha)		20	45
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	87 867	114 510	156 881
Net emissions in land use (CO <sub>2</sub> eq. Gg)	21 635	20 539	28 602

# Panama

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	2.7	3.3	4.1
Rural population, total (mill.)	1.2	1.2	1.3
Govt. expenditure on agric. (% total outlays)		1.7	1.6
Area harvested, crops (mill. ha)	0.3	0.3	0.3
Cropping intensity ratio	0.5	0.4	0.4
Total renewable water resources per cap. (m <sup>3</sup> )	48 826	40 518	34 530
Land area equipped for irrigation (1 000 ha)	33	34	32
Agric. area actually irrigated (% agric. area)		1.4	1.1
Employment in agriculture (%)	20.8	15.7	15.4
Employment in agriculture, female (%)	3.4	4.3	8.9
Fertilizers use, nitrogen (1 000 t nutrients)		15.6	11.9
Fertilizers use, phosphate (1 000 t nutrients)		1.6	7.6
Fertilizers use, potash (1 000 t nutrients)		1.6	8.2
Agric. value added per worker (constant USD)	3 749	5 765	3 926
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 311	2 786
Average dietary energy supply adequacy (%)		102	122
Dietary energy supply, cereals/roots/tubers (%)		45	43
Prevalence of undernourishment (%)		22.9	9.2
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		11 938	21 473
Cereal import dependency ratio (%)		64.4	67.5
Stunting, children under 5 (%)		22.2	
Wasting, children under 5 (%)		1.2	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	755	801	932
Agriculture, value added (% GDP)	7	7	3
Food (excl. fish) exports (mill. USD)	256	357	264
Food (excl. fish) imports (mill. USD)	210	396	1 255
<b>Production indices (2004–06 = 100)</b>			
Food	93	99	115
Crops	110	97	88
Cereals	86	100	107
Vegetable oils	5	101	51
Roots and tubers	77	102	64
Fruit and vegetables	131	94	72
Sugar	94	100	135
Livestock	78	101	137
Milk	84	101	115
Meat	79	100	141
Fish	82	106	60
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-78	-141	-384
Fruit and vegetables	165	198	-34
Meat and meat preparations	-6	2	-125
Dairy products (milk equivalent)	1	-24	-103
Fish	114	412	104
<b>Environment</b>			
Forest area (% total land area)	67	64	62
Agricultural area (% total land area)	29	30	30
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			21
Organic area (ha)		5	15
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	3 021	3 209	3 249
Net emissions in land use (CO <sub>2</sub> eq. Gg)	8 928	9 277	8 563

# Papua New Guinea

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	4.9	6.3	8.3
Rural population, total (mill.)	4.1	5.3	6.9
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.8	0.9	1.1
Cropping intensity ratio	1.1	1.1	1.1
Total renewable water resources per cap. (m <sup>3</sup> )	161 199	125 411	99 072
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	70.0	52.5	20.7
Employment in agriculture, female (%)	67.2	48.0	15.4
Fertilizers use, nitrogen (1 000 t nutrients)		13.8	20.9
Fertilizers use, phosphate (1 000 t nutrients)		1.6	2.0
Fertilizers use, potash (1 000 t nutrients)		1.7	10.7
Agric. value added per worker (constant USD)		1 930	4 270
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 291	2 196
Average dietary energy supply adequacy (%)		106	100
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		2 696	3 818
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)		43.9	
Wasting, children under 5 (%)		4.4	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 769	2 253	2 811
Agriculture, value added (% GDP)	22	22	19
Food (excl. fish) exports (mill. USD)	205	258	640
Food (excl. fish) imports (mill. USD)	195	198	668
<b>Production indices (2004–06 = 100)</b>			
Food	77	99	123
Crops	79	100	124
Cereals	67	102	159
Vegetable oils	67	92	150
Roots and tubers	79	100	119
Fruit and vegetables	80	99	121
Sugar	106	98	58
Livestock	76	99	119
Milk	87	100	97
Meat	76	99	120
Fish	16	102	124
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-84	-98	-287
Fruit and vegetables	-6	-7	-31
Meat and meat preparations	-59	-51	-138
Dairy products (milk equivalent)	-15	-12	-21
Fish	-10	75	151
<b>Environment</b>			
Forest area (% total land area)	74	74	74
Agricultural area (% total land area)	2	2	3
Freshwater withdrawal (% tot renewable)		0.0	
Terrestrial protected areas (% total land area)			3
Organic area (ha)		3	16
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	5 347	5 538	5 708
Net emissions in land use (CO <sub>2</sub> eq. Gg)	61 922	51 666	55 435

## Paraguay

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	4.8	5.8	6.8
Rural population, total (mill.)	2.3	2.5	2.9
Govt. expenditure on agric. (% total outlays)			2.8
Area harvested, crops (mill. ha)	2.2	3.9	5.8
Cropping intensity ratio	0.8	1.1	1.2
Total renewable water resources per cap. (m <sup>3</sup> )	77 871	65 002	57 663
Land area equipped for irrigation (1 000 ha)	67	70	140
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	29.4	32.4	21.3
Employment in agriculture, female (%)	15.1	22.1	14.7
Fertilizers use, nitrogen (1 000 t nutrients)		41.9	120.2
Fertilizers use, phosphate (1 000 t nutrients)		103.9	223.0
Fertilizers use, potash (1 000 t nutrients)		81.8	186.4
Agric. value added per worker (constant USD)	3 861	3 499	8 084
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 625	2 635
Average dietary energy supply adequacy (%)		114	111
Dietary energy supply, cereals/roots/tubers (%)		43	43
Prevalence of undernourishment (%)		11.9	11.2
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		6 120	8 871
Cereal import dependency ratio (%)		-125.4	-210.6
Stunting, children under 5 (%)		17.5	5.6
Wasting, children under 5 (%)		1.1	1.0
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	2 105	3 077	5 735
Agriculture, value added (% GDP)	21	18	17
Food (excl. fish) exports (mill. USD)	353	1 111	4 350
Food (excl. fish) imports (mill. USD)	212	166	451
<b>Production indices (2004–06 = 100)</b>			
Food	67	99	184
Crops	70	98	181
Cereals	55	86	373
Vegetable oils	61	104	215
Roots and tubers	61	95	62
Fruit and vegetables	85	98	98
Sugar	78	92	204
Livestock	72	98	129
Milk	95	99	128
Meat	72	98	134
Fish	88	100	106
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-1	83	557
Fruit and vegetables	-13	-24	-51
Meat and meat preparations	38	254	1 144
Dairy products (milk equivalent)	-22	-7	-13
Fish	-2	-1	-8
<b>Environment</b>			
Forest area (% total land area)	51	47	38
Agricultural area (% total land area)	41	50	55
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			7
Organic area (ha)		51	64
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	18 505	18 998	26 937
Net emissions in land use (CO <sub>2</sub> eq. Gg)	72 255	74 260	143 319

# Peru

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	24.0	27.6	32.2
Rural population, total (mill.)	7.0	6.9	6.6
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	2.1	2.8	3.3
Cropping intensity ratio	0.5	0.6	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	75 724	66 448	59 168
Land area equipped for irrigation (1 000 ha)	1 775	2 250	2 600
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	36.3	34.8	28.4
Employment in agriculture, female (%)	33.7	32.6	27.4
Fertilizers use, nitrogen (1 000 t nutrients)		180.3	289.3
Fertilizers use, phosphate (1 000 t nutrients)		65.4	87.7
Fertilizers use, potash (1 000 t nutrients)		55.8	71.0
Agric. value added per worker (constant USD)	1 674	1 740	2 478
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 380	2 682
Average dietary energy supply adequacy (%)		106	117
Dietary energy supply, cereals/roots/tubers (%)		58	56
Prevalence of undernourishment (%)		19.6	8.8
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		7 595	12 082
Cereal import dependency ratio (%)		48.0	49.7
Stunting, children under 5 (%)		29.8	13.1
Wasting, children under 5 (%)		1.0	1.0
Safely managed drinking water (% pop. using)		46.8	50.2
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	3 892	6 102	9 271
Agriculture, value added (% GDP)	8	7	7
Food (excl. fish) exports (mill. USD)	211	909	4 334
Food (excl. fish) imports (mill. USD)	1 031	1 110	3 106
<b>Production indices (2004–06 = 100)</b>			
Food	64	100	152
Crops	63	99	146
Cereals	53	108	139
Vegetable oils	95	103	218
Roots and tubers	76	103	131
Fruit and vegetables	60	96	167
Sugar	97	95	137
Livestock	63	99	159
Milk	70	99	156
Meat	62	100	156
Fish	103	108	45
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-564	-478	-1 157
Fruit and vegetables	97	556	2 995
Meat and meat preparations	-31	-27	-113
Dairy products (milk equivalent)	-108	-25	-71
Fish	866	1 586	1 924
<b>Environment</b>			
Forest area (% total land area)	60	59	58
Agricultural area (% total land area)	17	18	19
Freshwater withdrawal (% tot renewable)	1.0	0.7	
Terrestrial protected areas (% total land area)			21
Organic area (ha)		122	324
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	17 431	21 685	23 650
Net emissions in land use (CO <sub>2</sub> eq. Gg)	44 981	46 475	72 039



# Philippines

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	69.8	86.3	104.9
Rural population, total (mill.)	36.0	45.8	58.7
Govt. expenditure on agric. (% total outlays)		4.2	4.1
Area harvested, crops (mill. ha)	12.6	13.0	14.5
Cropping intensity ratio	1.3	1.3	1.3
Total renewable water resources per cap. (m <sup>3</sup> )	6 558	5 384	4 636
Land area equipped for irrigation (1 000 ha)	1 500	1 413	1 856
Agric. area actually irrigated (% agric. area)		8.5	
Employment in agriculture (%)	44.1	36.0	27.0
Employment in agriculture, female (%)	31.2	23.7	17.4
Fertilizers use, nitrogen (1 000 t nutrients)		544.1	617.1
Fertilizers use, phosphate (1 000 t nutrients)		137.3	123.7
Fertilizers use, potash (1 000 t nutrients)		80.1	139.3
Agric. value added per worker (constant USD)	1 461	1 898	2 295
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 483	2 601
Average dietary energy supply adequacy (%)		114	117
Dietary energy supply, cereals/roots/tubers (%)		60	59
Prevalence of undernourishment (%)		16.3	13.7
Prevalence of severe food insecurity (%)			12.9
GDP per capita (USD, PPP)		4 779	7 233
Cereal import dependency ratio (%)		21.7	17.8
Stunting, children under 5 (%)		33.8	33.4
Wasting, children under 5 (%)		6.0	7.1
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	13 082	17 153	19 624
Agriculture, value added (% GDP)	19	13	10
Food (excl. fish) exports (mill. USD)	1 583	1 963	3 532
Food (excl. fish) imports (mill. USD)	1 791	2 526	6 501
<b>Production indices (2004–06 = 100)</b>			
Food	76	100	114
Crops	80	100	110
Cereals	71	98	122
Vegetable oils	87	100	104
Roots and tubers	113	100	146
Fruit and vegetables	84	101	104
Sugar	72	94	91
Livestock	64	98	127
Milk	99	101	117
Meat	63	98	128
Fish	80	100	100
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-659	-1 126	-1 823
Fruit and vegetables	459	808	1 086
Meat and meat preparations	-79	-154	-887
Dairy products (milk equivalent)	-432	-348	-667
Fish	367	253	335
<b>Environment</b>			
Forest area (% total land area)	23	24	28
Agricultural area (% total land area)	37	38	42
Freshwater withdrawal (% tot renewable)		16.5	
Terrestrial protected areas (% total land area)			15
Organic area (ha)			198
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	42 270	48 465	51 261
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-2 587	11 398	-60 309

# Poland

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	38.5	38.4	38.2
Rural population, total (mill.)	14.8	14.7	15.1
Govt. expenditure on agric. (% total outlays)		2.4	0.9
Area harvested, crops (mill. ha)	11.9	10.5	9.8
Cropping intensity ratio	0.8	0.8	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	1 568	1 571	1 583
Land area equipped for irrigation (1 000 ha)	201	124	271
Agric. area actually irrigated (% agric. area)		0.4	0.9
Employment in agriculture (%)	22.6	17.4	10.6
Employment in agriculture, female (%)	22.5	16.6	9.4
Fertilizers use, nitrogen (1 000 t nutrients)		996.5	1 040.5
Fertilizers use, phosphate (1 000 t nutrients)		441.8	323.3
Fertilizers use, potash (1 000 t nutrients)		527.8	503.8
Agric. value added per worker (constant USD)	4 271	4 924	6 429
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 368	3 451
Average dietary energy supply adequacy (%)		132	137
Dietary energy supply, cereals/roots/tubers (%)		41	40
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			1.1
GDP per capita (USD, PPP)		17 194	26 036
Cereal import dependency ratio (%)		0.2	-4.8
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		93.9	93.9
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	14 849	16 143	19 255
Agriculture, value added (% GDP)	5	3	2
Food (excl. fish) exports (mill. USD)	1 966	7 072	19 161
Food (excl. fish) imports (mill. USD)	1 620	3 881	11 495
<b>Production indices (2004–06 = 100)</b>			
Food	91	99	118
Crops	114	98	119
Cereals	96	103	118
Vegetable oils	89	92	141
Roots and tubers	226	92	85
Fruit and vegetables	83	97	131
Sugar	111	98	113
Livestock	89	99	110
Milk	96	100	112
Meat	87	98	109
Fish	227	96	128
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-230	290	2 225
Fruit and vegetables	320	485	511
Meat and meat preparations	171	895	3 583
Dairy products (milk equivalent)	215	971	765
Fish	77	-81	-270
<b>Environment</b>			
Forest area (% total land area)	29	30	31
Agricultural area (% total land area)	61	52	47
Freshwater withdrawal (% tot renewable)	21.1	19.9	
Terrestrial protected areas (% total land area)			40
Organic area (ha)		166	537
Wood pellet production (1 000 t)			800
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	34 656	30 656	30 054
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-13 705	-24 356	-25 085

## Portugal

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	10.1	10.6	10.3
Rural population, total (mill.)	4.9	4.5	3.8
Govt. expenditure on agric. (% total outlays)		0.9	0.8
Area harvested, crops (mill. ha)	1.8	1.3	1.0
Cropping intensity ratio	0.6	0.6	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	7 618	7 336	7 463
Land area equipped for irrigation (1 000 ha)	797	617	548
Agric. area actually irrigated (% agric. area)		11.9	13.1
Employment in agriculture (%)	11.5	12.1	6.9
Employment in agriculture, female (%)	12.6	13.1	4.8
Fertilizers use, nitrogen (1 000 t nutrients)		102.7	113.6
Fertilizers use, phosphate (1 000 t nutrients)		77.3	49.6
Fertilizers use, potash (1 000 t nutrients)		84.8	31.9
Agric. value added per worker (constant USD)	9 708	7 550	14 153
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 529	3 477
Average dietary energy supply adequacy (%)		141	139
Dietary energy supply, cereals/roots/tubers (%)		32	32
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			3.7
GDP per capita (USD, PPP)		26 593	27 124
Cereal import dependency ratio (%)		77.0	72.5
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		94.2	95.1
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	3 845	3 900	4 324
Agriculture, value added (% GDP)	5	2	2
Food (excl. fish) exports (mill. USD)	670	1 385	3 769
Food (excl. fish) imports (mill. USD)	2 668	4 531	6 772
<b>Production indices (2004–06 = 100)</b>			
Food	97	98	109
Crops	103	92	111
Cereals	118	73	102
Vegetable oils	111	71	206
Roots and tubers	227	86	60
Fruit and vegetables	92	98	104
Sugar	12	117	3
Livestock	93	102	104
Milk	88	102	95
Meat	96	103	108
Fish	117	98	84
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-573	-798	-881
Fruit and vegetables	-294	-446	-166
Meat and meat preparations	-393	-647	-780
Dairy products (milk equivalent)	0	-209	-232
Fish	-488	-888	-1 060
<b>Environment</b>			
Forest area (% total land area)	37	36	35
Agricultural area (% total land area)	43	42	39
Freshwater withdrawal (% tot renewable)	14.4	11.8	
Terrestrial protected areas (% total land area)			23
Organic area (ha)		212	245
Wood pellet production (1 000 t)			606
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	6 875	6 290	6 487
Net emissions in land use (CO <sub>2</sub> eq. Gg)	1 645	6 484	1 880

# Qatar

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	0.5	0.9	2.6
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	0.4	0.3	0.3
Total renewable water resources per cap. (m <sup>3</sup> )	110	49	23
Land area equipped for irrigation (1 000 ha)	13	13	13
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	4.9	3.1	1.2
Employment in agriculture, female (%)	0.0	0.1	0.0
Fertilizers use, nitrogen (1 000 t nutrients)		7.3	96.6
Fertilizers use, phosphate (1 000 t nutrients)		0.0	0.0
Fertilizers use, potash (1 000 t nutrients)		0.0	0.0
Agric. value added per worker (constant USD)		5 148	10 789
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		109 802	118 207
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	41	37	65
Agriculture, value added (% GDP)	1	0	0
Food (excl. fish) exports (mill. USD)	15	28	57
Food (excl. fish) imports (mill. USD)	274	556	2 573
<b>Production indices (2004–06 = 100)</b>			
Food	107	95	170
Crops	101	93	130
Cereals	54	110	20
Vegetable oils			
Roots and tubers	250	86	315
Fruit and vegetables	104	92	136
Sugar			
Livestock	110	97	199
Milk	167	88	188
Meat	78	99	225
Fish	31	101	105
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-42	-93	-504
Fruit and vegetables	-61	-95	-623
Meat and meat preparations	-33	-98	-494
Dairy products (milk equivalent)	-46	-87	-323
Fish	-4	-9	-101
<b>Environment</b>			
Forest area (% total land area)	0	0	0
Agricultural area (% total land area)	6	6	6
Freshwater withdrawal (% tot renewable)	277.1	374.1	
Terrestrial protected areas (% total land area)			2
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	211	152	981
Net emissions in land use (CO <sub>2</sub> eq. Gg)	0	0	0

## Republic of Korea

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	45.3	48.7	51.0
Rural population, total (mill.)	9.7	8.8	8.7
Govt. expenditure on agric. (% total outlays)		4.5	4.5
Area harvested, crops (mill. ha)	2.1	1.9	1.5
Cropping intensity ratio	1.1	1.0	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	1 539	1 446	1 372
Land area equipped for irrigation (1 000 ha)	907	867	728
Agric. area actually irrigated (% agric. area)		52.1	
Employment in agriculture (%)	11.8	7.9	4.9
Employment in agriculture, female (%)	14.0	8.9	4.8
Fertilizers use, nitrogen (1 000 t nutrients)		417.3	238.3
Fertilizers use, phosphate (1 000 t nutrients)		317.3	150.8
Fertilizers use, potash (1 000 t nutrients)		322.4	151.3
Agric. value added per worker (constant USD)	8 036	11 959	18 796
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 104	3 318
Average dietary energy supply adequacy (%)		127	135
Dietary energy supply, cereals/roots/tubers (%)		45	43
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			<0.5
GDP per capita (USD, PPP)		25 517	35 020
Cereal import dependency ratio (%)		74.6	77.3
Stunting, children under 5 (%)		2.5	
Wasting, children under 5 (%)		0.9	
Safely managed drinking water (% pop. using)		96.8	98.0
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	8 996	9 778	10 065
Agriculture, value added (% GDP)	5	3	2
Food (excl. fish) exports (mill. USD)	1 059	1 349	3 124
Food (excl. fish) imports (mill. USD)	5 005	7 426	17 021
<b>Production indices (2004–06 = 100)</b>			
Food	92	100	103
Crops	97	100	93
Cereals	99	99	87
Vegetable oils	135	112	81
Roots and tubers	84	120	89
Fruit and vegetables	93	100	96
Sugar			
Livestock	86	99	118
Milk	90	100	76
Meat	88	99	126
Fish	127	99	90
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-1 836	-2 028	-3 358
Fruit and vegetables	-197	-792	-2 772
Meat and meat preparations	-657	-1 462	-3 969
Dairy products (milk equivalent)	-116	-260	-630
Fish	728	-1 322	-2 946
<b>Environment</b>			
Forest area (% total land area)	66	65	63
Agricultural area (% total land area)	21	19	17
Freshwater withdrawal (% tot renewable)	36.5	41.7	
Terrestrial protected areas (% total land area)			11
Organic area (ha)		6	20
Wood pellet production (1 000 t)			980
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	14 567	12 933	12 431
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-34 461	-43 264	-39 595

## Republic of Moldova

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	4.3	4.2	4.1
Rural population, total (mill.)	2.3	2.1	1.9
Govt. expenditure on agric. (% total outlays)		6.3	4.0
Area harvested, crops (mill. ha)	1.7	1.7	1.7
Cropping intensity ratio	0.8	0.8	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	2 863	2 972	3 022
Land area equipped for irrigation (1 000 ha)	309	228	228
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	48.8	40.6	33.7
Employment in agriculture, female (%)	47.7	40.2	30.3
Fertilizers use, nitrogen (1 000 t nutrients)		14.8	32.7
Fertilizers use, phosphate (1 000 t nutrients)		1.3	9.0
Fertilizers use, potash (1 000 t nutrients)		0.4	2.9
Agric. value added per worker (constant USD)	1 182	1 515	2 315
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 634	2 638
Average dietary energy supply adequacy (%)		104	105
Dietary energy supply, cereals/roots/tubers (%)		53	44
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			3.4
GDP per capita (USD, PPP)		3 308	4 963
Cereal import dependency ratio (%)		-10.2	-8.9
Stunting, children under 5 (%)		11.3	
Wasting, children under 5 (%)		5.8	
Safely managed drinking water (% pop. using)		48.1	70.0
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 784	1 420	1 390
Agriculture, value added (% GDP)	29	16	12
Food (excl. fish) exports (mill. USD)	311	245	731
Food (excl. fish) imports (mill. USD)	42	161	361
<b>Production indices (2004–06 = 100)</b>			
Food	125	100	97
Crops	129	100	116
Cereals	99	106	114
Vegetable oils	61	96	194
Roots and tubers	110	106	60
Fruit and vegetables	157	96	118
Sugar	203	97	65
Livestock	140	102	101
Milk	128	108	82
Meat	175	96	115
Fish	24	101	191
<b>Net trade (mill. USD)</b>			
Cereals and preparations	10	19	108
Fruit and vegetables	112	68	110
Meat and meat preparations	48	-31	-16
Dairy products (milk equivalent)	14	-1	-19
Fish	-6	-19	-45
<b>Environment</b>			
Forest area (% total land area)	10	11	13
Agricultural area (% total land area)	78	76	74
Freshwater withdrawal (% tot renewable)	16.0	8.7	
Terrestrial protected areas (% total land area)			4
Organic area (ha)			30
Wood pellet production (1 000 t)			16
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	3 203	1 730	1 449
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-1 234	-868	-1 087

# Romania

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	23.0	21.4	19.7
Rural population, total (mill.)	10.6	10.4	9.7
Govt. expenditure on agric. (% total outlays)			2.9
Area harvested, crops (mill. ha)	8.5	8.0	8.0
Cropping intensity ratio	0.9	0.8	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	9 367	10 105	10 719
Land area equipped for irrigation (1 000 ha)	3 110	3 176	3 149
Agric. area actually irrigated (% agric. area)		0.3	1.1
Employment in agriculture (%)	40.3	32.3	23.1
Employment in agriculture, female (%)	46.2	33.1	22.6
Fertilizers use, nitrogen (1 000 t nutrients)		299.2	344.3
Fertilizers use, phosphate (1 000 t nutrients)		138.1	126.2
Fertilizers use, potash (1 000 t nutrients)		24.1	43.6
Agric. value added per worker (constant USD)	2 573	3 707	5 153
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 393	3 358
Average dietary energy supply adequacy (%)		135	135
Dietary energy supply, cereals/roots/tubers (%)		44	45
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			4.1
GDP per capita (USD, PPP)		14 583	21 671
Cereal import dependency ratio (%)		-0.8	-35.8
Stunting, children under 5 (%)		12.8	
Wasting, children under 5 (%)		3.5	
Safely managed drinking water (% pop. using)		96.0	87.8
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	8 202	8 107	9 605
Agriculture, value added (% GDP)	18	8	4
Food (excl. fish) exports (mill. USD)	444	729	5 302
Food (excl. fish) imports (mill. USD)	574	1 700	5 116
<b>Production indices (2004–06 = 100)</b>			
Food	96	95	113
Crops	91	92	101
Cereals	99	98	110
Vegetable oils	57	92	193
Roots and tubers	65	91	62
Fruit and vegetables	91	86	81
Sugar	312	86	119
Livestock	104	102	85
Milk	85	103	83
Meat	130	104	86
Fish	502	97	184
<b>Net trade (mill. USD)</b>			
Cereals and preparations	60	-12	1 438
Fruit and vegetables	-35	-213	-1 099
Meat and meat preparations	-16	-564	-382
Dairy products (milk equivalent)	-13	-21	-285
Fish	-17	-100	-244
<b>Environment</b>			
Forest area (% total land area)	28	28	30
Agricultural area (% total land area)	64	62	59
Freshwater withdrawal (% tot renewable)	5.9	3.2	3.0
Terrestrial protected areas (% total land area)			24
Organic area (ha)		93	226
Wood pellet production (1 000 t)			700
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	17 537	15 606	14 554
Net emissions in land use (CO <sub>2</sub> eq. Gg)	1 699	101	-163 326

## Russian Federation

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	148.3	143.6	144.0
Rural population, total (mill.)	39.6	38.2	36.5
Govt. expenditure on agric. (% total outlays)		0.6	0.9
Area harvested, crops (mill. ha)	62.6	53.4	62.5
Cropping intensity ratio	0.5	0.4	0.5
Total renewable water resources per cap. (m <sup>3</sup> )	30 621	31 604	31 431
Land area equipped for irrigation (1 000 ha)	5 362	4 553	4 300
Agric. area actually irrigated (% agric. area)		2.1	
Employment in agriculture (%)	12.0	10.2	6.7
Employment in agriculture, female (%)	7.7	8.0	5.0
Fertilizers use, nitrogen (1 000 t nutrients)		863.2	1 445.2
Fertilizers use, phosphate (1 000 t nutrients)		346.8	510.2
Fertilizers use, potash (1 000 t nutrients)		226.0	317.9
Agric. value added per worker (constant USD)	5 619	7 360	13 422
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 188	3 401
Average dietary energy supply adequacy (%)		126	138
Dietary energy supply, cereals/roots/tubers (%)		43	40
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		19 326	24 417
Cereal import dependency ratio (%)		-10.2	-30.1
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		75.0	75.5
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	35 822	33 996	50 034
Agriculture, value added (% GDP)	7	4	4
Food (excl. fish) exports (mill. USD)	669	2 747	11 249
Food (excl. fish) imports (mill. USD)	9 194	11 281	16 798
<b>Production indices (2004–06 = 100)</b>			
Food	106	100	147
Crops	87	101	161
Cereals	69	101	167
Vegetable oils	66	106	217
Roots and tubers	165	101	124
Fruit and vegetables	80	103	126
Sugar	78	87	209
Livestock	114	99	123
Milk	104	100	92
Meat	126	98	151
Fish	135	102	152
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-646	948	5 127
Fruit and vegetables	-1 704	-3 447	-5 546
Meat and meat preparations	-2 470	-2 899	-2 095
Dairy products (milk equivalent)	-720	-981	-1 706
Fish	1 281	770	2 186
<b>Environment</b>			
Forest area (% total land area)	49	49	50
Agricultural area (% total land area)	13	13	13
Freshwater withdrawal (% tot renewable)	1.7		1.3
Terrestrial protected areas (% total land area)			10
Organic area (ha)		34	315
Wood pellet production (1 000 t)			1 013
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	148 526	92 608	93 447
Net emissions in land use (CO <sub>2</sub> eq. Gg)	246 088	36 497	-97 605



# Rwanda

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	5.9	9.0	12.2
Rural population, total (mill.)	5.1	7.6	9.1
Govt. expenditure on agric. (% total outlays)			3.0
Area harvested, crops (mill. ha)	0.9	1.7	2.1
Cropping intensity ratio	1.0	1.3	1.5
Total renewable water resources per cap. (m <sup>3</sup> )	2 044	1 403	1 116
Land area equipped for irrigation (1 000 ha)	5	9	10
Agric. area actually irrigated (% agric. area)		0.4	
Employment in agriculture (%)	89.6	85.6	66.9
Employment in agriculture, female (%)	94.6	91.9	77.1
Fertilizers use, nitrogen (1 000 t nutrients)		1.2	4.3
Fertilizers use, phosphate (1 000 t nutrients)		1.1	6.9
Fertilizers use, potash (1 000 t nutrients)		1.1	1.3
Agric. value added per worker (constant USD)	216	349	557
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 017	2 203
Average dietary energy supply adequacy (%)		93	100
Dietary energy supply, cereals/roots/tubers (%)		51	49
Prevalence of undernourishment (%)		45.3	36.1
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		1 044	1 790
Cereal import dependency ratio (%)		21.4	32.5
Stunting, children under 5 (%)		51.7	37.9
Wasting, children under 5 (%)		4.8	2.2
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	889	1 646	2 301
Agriculture, value added (% GDP)	41	38	29
Food (excl. fish) exports (mill. USD)	0	1	50
Food (excl. fish) imports (mill. USD)	83	68	187
<b>Production indices (2004–06 = 100)</b>			
Food	54	101	141
Crops	56	101	141
Cereals	34	113	197
Vegetable oils	62	102	104
Roots and tubers	24	105	163
Fruit and vegetables	70	101	120
Sugar	17	100	159
Livestock	50	97	137
Milk	57	95	128
Meat	46	98	142
Fish	44	90	350
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-43	-35	-29
Fruit and vegetables	-13	-6	-3
Meat and meat preparations	0		0
Dairy products (milk equivalent)	-4	-1	-4
Fish	0	0	-21
<b>Environment</b>			
Forest area (% total land area)	13	16	20
Agricultural area (% total land area)	60	72	73
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			9
Organic area (ha)		0	2
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	1 126	2 270	3 186
Net emissions in land use (CO <sub>2</sub> eq. Gg)	9 637	-9 189	733

## Saint Kitts and Nevis

	1995	2005	2016
<b>The setting</b>			
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	0.6	0.7	0.3
Total renewable water resources per cap. (m <sup>3</sup> )	547	476	438
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 (1 000 t nutrients)		0.0	0.0
Fertilizers use, phosphate (1 000 t nutrients)		0.0	0.0
Fertilizers use, potash (1 000 t nutrients)		0.0	0.0
Agric. value added per worker (constant USD)			
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 433	2 488
Average dietary energy supply adequacy (%)		102	102
Dietary energy supply, cereals/roots/tubers (%)		27	29
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		22 128	24 464
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	9	6	2
Agriculture, value added (% GDP)	3	2	1
Food (excl. fish) exports (mill. USD)	15	7	0
Food (excl. fish) imports (mill. USD)	19	29	27
<b>Production indices (2004–06 = 100)</b>			
Food	138	91	39
Crops	141	87	30
<b>Cereals</b>			
Vegetable oils	132	93	247
Roots and tubers	164	100	107
Fruit and vegetables	89	100	111
Sugar	102	56	
Livestock	127	110	85
<b>Milk</b>			
Meat	119	112	76
Fish	27	119	5 177
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-3	-5	-3
Fruit and vegetables	-4	-6	-4
Meat and meat preparations	-5	-8	-11
Dairy products (milk equivalent)	-3	-3	-3
Fish	-2	-1	-2
<b>Environment</b>			
Forest area (% total land area)	42	42	42
Agricultural area (% total land area)	38	19	23
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			3
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	16	16	8
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-31	-21	7

## Saint Lucia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	0.1	0.2	0.2
Rural population, total (mill.)	0.1	0.1	0.2
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	1.7	0.9	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	1 987	1 763	1 685
Land area equipped for irrigation (1 000 ha)	3	3	3
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	24.4	13.8	15.0
Employment in agriculture, female (%)	17.2	8.5	9.8
Fertilizers use, nitrogen (1 000 t nutrients)		0.0	0.3
Fertilizers use, phosphate (1 000 t nutrients)		0.0	0.1
Fertilizers use, potash (1 000 t nutrients)		0.0	0.1
Agric. value added per worker (constant USD)	6 268	3 659	2 702
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 644	2 595
Average dietary energy supply adequacy (%)		109	104
Dietary energy supply, cereals/roots/tubers (%)		33	34
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			4.5
GDP per capita (USD, PPP)		11 329	12 671
Cereal import dependency ratio (%)		100.0	96.2
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	60	20	14
Agriculture, value added (% GDP)	7	3	3
Food (excl. fish) exports (mill. USD)	58	17	11
Food (excl. fish) imports (mill. USD)	63	78	117
<b>Production indices (2004–06 = 100)</b>			
Food	270	90	64
Crops	365	88	45
<b>Cereals</b>			
Vegetable oils	134	81	107
Roots and tubers	295	106	101
Fruit and vegetables	400	88	35
<b>Sugar</b>			
Livestock	84	99	127
Milk	114	99	102
Meat	87	96	139
Fish	82	97	129
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-14	-15	-26
Fruit and vegetables	48	1	-16
Meat and meat preparations	-19	-20	-25
Dairy products (milk equivalent)	-8	-12	-14
Fish	-4	-6	-9
<b>Environment</b>			
Forest area (% total land area)	35	34	33
Agricultural area (% total land area)	30	18	17
Freshwater withdrawal (% tot renewable)		14.3	
Terrestrial protected areas (% total land area)			19
<b>Organic area (ha)</b>			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	77	29	37
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-40	-17	33

## Saint Vincent and the Grenadines

	1995	2005	2016
<b>The setting</b>			
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)			2.7
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	1.4	1.8	1.8
Total renewable water resources per cap. (m <sup>3</sup> )	926	917	912
Land area equipped for irrigation (1 000 ha)	1	1	0
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	11.0	7.1	6.2
Employment in agriculture, female (%)	2.9	1.5	1.4
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)	11 317	12 941	15 941
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 764	2 970
Average dietary energy supply adequacy (%)		114	121
Dietary energy supply, cereals/roots/tubers (%)		36	38
Prevalence of undernourishment (%)		9.1	5.7
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		9 319	10 583
Cereal import dependency ratio (%)		82.8	94.8
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	27	22	22
Agriculture, value added (% GDP)	10	5	7
Food (excl. fish) exports (mill. USD)	44	26	13
Food (excl. fish) imports (mill. USD)	28	43	51
<b>Production indices (2004–06 = 100)</b>			
Food	124	102	104
Crops	101	104	111
Cereals	179	84	117
Vegetable oils	138	99	73
Roots and tubers	76	100	100
Fruit and vegetables	104	106	115
Sugar	102	102	91
Livestock	108	102	99
Milk	115	93	88
Meat	114	100	104
Fish	2	76	40
<b>Net trade (mill. USD)</b>			
Cereals and preparations	5	-3	-7
Fruit and vegetables	28	13	-2
Meat and meat preparations		-12	-16
Dairy products (milk equivalent)	-3	-5	-5
Fish	0	-1	-2
<b>Environment</b>			
Forest area (% total land area)	65	67	69
Agricultural area (% total land area)	31	26	26
Freshwater withdrawal (% tot renewable)	10.0		7.9
Terrestrial protected areas (% total land area)			22
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	25	16	14
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-107	-49	18

# Samoa

	1995	2005	2016
<b>The setting</b>			
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)			2.4
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.7	1.1	1.6
Total renewable water resources per cap. (m <sup>3</sup> )			
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	12.0	7.1	5.1
Employment in agriculture, female (%)	9.0	4.8	3.3
Fertilizers use, nitrogen (1 000 t nutrients)		0.0	0.0
Fertilizers use, phosphate (1 000 t nutrients)		0.0	0.0
Fertilizers use, potash (1 000 t nutrients)		0.0	0.0
Agric. value added per worker (constant USD)	24 520	31 531	40 341
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 879	2 962
Average dietary energy supply adequacy (%)		128	129
Dietary energy supply, cereals/roots/tubers (%)		29	28
Prevalence of undernourishment (%)		3.5	3.1
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		5 335	5 914
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			4.7
Wasting, children under 5 (%)			3.7
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	40	49	57
Agriculture, value added (% GDP)	20	12	11
Food (excl. fish) exports (mill. USD)	6	8	8
Food (excl. fish) imports (mill. USD)	23	34	84
<b>Production indices (2004–06 = 100)</b>			
Food	83	101	118
Crops	82	101	119
<b>Cereals</b>			
Vegetable oils	99	101	119
Roots and tubers	55	99	183
Fruit and vegetables	70	103	102
Sugar	100	100	99
<b>Livestock</b>			
Milk	91	100	133
Meat	85	100	114
Fish	39	93	83
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-6	-7	-16
Fruit and vegetables	1	4	-6
Meat and meat preparations	-9	-12	-27
Dairy products (milk equivalent)	-3	-5	-13
Fish	-3	5	2
<b>Environment</b>			
Forest area (% total land area)	53	60	60
Agricultural area (% total land area)	18	15	12
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			7
Organic area (ha)		7	63
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	127	148	176
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-2 057	-110	2

## Sao Tome and Principe

	1995	2005	2016
<b>The setting</b>			
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	0.8	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	16 756	13 616	10 905
Land area equipped for irrigation (1 000 ha)	10	10	10
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	36.5	27.9	18.4
Employment in agriculture, female (%)	28.6	16.0	10.7
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)		1 620	2 369
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 538	2 515
Average dietary energy supply adequacy (%)		116	113
Dietary energy supply, cereals/roots/tubers (%)		47	41
Prevalence of undernourishment (%)		9.4	10.2
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		2 228	3 004
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)		28.9	17.2
Wasting, children under 5 (%)		9.6	4.0
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	17	25	28
Agriculture, value added (% GDP)	26	18	11
Food (excl. fish) exports (mill. USD)	5	4	9
Food (excl. fish) imports (mill. USD)	7	16	33
<b>Production indices (2004–06 = 100)</b>			
Food	67	101	111
Crops	68	101	111
Cereals	148	102	38
Vegetable oils	39	99	136
Roots and tubers	45	104	17
Fruit and vegetables	55	101	152
Sugar			
Livestock	68	103	117
Milk	102	116	39
Meat	63	100	136
Fish	102	99	278
<b>Net trade (mill. USD)</b>			
Cereals and preparations			-13
Fruit and vegetables	0	-1	-4
Meat and meat preparations			-5
Dairy products (milk equivalent)			-3
Fish	-1	0	0
<b>Environment</b>			
Forest area (% total land area)	58	58	56
Agricultural area (% total land area)	47	51	51
Freshwater withdrawal (% tot renewable)	0.3		
Terrestrial protected areas (% total land area)			29
Organic area (ha)		3	7
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	9	12	17
Net emissions in land use (CO <sub>2</sub> eq. Gg)	0	0	0

## Saudi Arabia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	18.7	23.9	32.9
Rural population, total (mill.)	4.0	4.7	5.1
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	1.0	1.0	0.5
Cropping intensity ratio	0.3	0.3	0.1
Total renewable water resources per cap. (m <sup>3</sup> )	121	92	74
Land area equipped for irrigation (1 000 ha)	1 611	1 620	1 620
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	7.5	4.0	6.0
Employment in agriculture, female (%)	0.5	0.4	0.6
Fertilizers use, nitrogen (1 000 t nutrients)		182.8	260.6
Fertilizers use, phosphate (1 000 t nutrients)		136.9	341.6
Fertilizers use, potash (1 000 t nutrients)		9.0	12.8
Agric. value added per worker (constant USD)	25 407	39 784	20 967
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 999	3 255
Average dietary energy supply adequacy (%)		128	135
Dietary energy supply, cereals/roots/tubers (%)		49	45
Prevalence of undernourishment (%)		7.9	5.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		45 539	50 423
Cereal import dependency ratio (%)		74.5	96.0
Stunting, children under 5 (%)		9.3	
Wasting, children under 5 (%)		11.8	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	2 319	3 222	3 436
Agriculture, value added (% GDP)	6	3	3
Food (excl. fish) exports (mill. USD)	390	1 085	2 376
Food (excl. fish) imports (mill. USD)	3 907	7 461	15 583
<b>Production indices (2004–06 = 100)</b>			
Food	72	100	107
Crops	84	100	77
Cereals	81	98	34
Vegetable oils	56	99	106
Roots and tubers	86	102	101
Fruit and vegetables	85	101	93
Sugar			
Livestock	64	101	140
Milk	54	103	212
Meat	65	99	107
Fish	65	101	146
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-995	-2 157	-4 777
Fruit and vegetables	-552	-766	-1 957
Meat and meat preparations	-551	-882	-2 170
Dairy products (milk equivalent)	-330	-633	-275
Fish	-88	-158	-493
<b>Environment</b>			
Forest area (% total land area)	0	0	0
Agricultural area (% total land area)	67	81	81
Freshwater withdrawal (% tot renewable)	671.7	943.3	
Terrestrial protected areas (% total land area)			4
Organic area (ha)		13	17
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	4 887	5 782	6 265
Net emissions in land use (CO <sub>2</sub> eq. Gg)	0	0	0

# Senegal

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	8.7	11.3	15.9
Rural population, total (mill.)	5.3	6.6	8.8
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	2.4	2.4	2.7
Cropping intensity ratio	0.8	0.8	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	4 253	3 276	2 529
Land area equipped for irrigation (1 000 ha)	76	120	120
Agric. area actually irrigated (% agric. area)		0.8	
Employment in agriculture (%)	46.8	40.6	53.6
Employment in agriculture, female (%)	49.6	42.1	59.7
Fertilizers use, nitrogen (1 000 t nutrients)		12.2	28.3
Fertilizers use, phosphate (1 000 t nutrients)		11.6	15.7
Fertilizers use, potash (1 000 t nutrients)		7.0	8.6
Agric. value added per worker (constant USD)	1 231	1 335	904
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 266	2 473
Average dietary energy supply adequacy (%)		101	111
Dietary energy supply, cereals/roots/tubers (%)		63	61
Prevalence of undernourishment (%)		21.6	11.3
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		2 108	2 380
Cereal import dependency ratio (%)		54.7	56.2
Stunting, children under 5 (%)		20.1	17.0
Wasting, children under 5 (%)		8.7	7.2
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	946	1 173	1 570
Agriculture, value added (% GDP)	17	15	15
Food (excl. fish) exports (mill. USD)	63	100	456
Food (excl. fish) imports (mill. USD)	405	799	1 221
<b>Production indices (2004–06 = 100)</b>			
Food	89	111	148
Crops	93	114	156
Cereals	103	125	202
Vegetable oils	116	121	121
Roots and tubers	26	103	182
Fruit and vegetables	58	94	175
Sugar	107	100	84
Livestock	79	101	125
Milk	92	99	122
Meat	80	101	124
Fish	91	100	119
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-195	-372	-551
Fruit and vegetables	-18	-42	-21
Meat and meat preparations	-2	-32	-12
Dairy products (milk equivalent)	-34	-76	-55
Fish	247	254	355
<b>Environment</b>			
Forest area (% total land area)	47	45	43
Agricultural area (% total land area)	46	46	46
Freshwater withdrawal (% tot renewable)		5.7	
Terrestrial protected areas (% total land area)			25
Organic area (ha)		2	7
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	8 845	10 280	11 460
Net emissions in land use (CO <sub>2</sub> eq. Gg)	7 997	7 215	5 204



## Serbia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)			8.8
Rural population, total (mill.)			4.1
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)			2.6
Cropping intensity ratio			0.9
Total renewable water resources per cap. (m <sup>3</sup> )			18 390
Land area equipped for irrigation (1 000 ha)			75
Agric. area actually irrigated (% agric. area)			1.3
Employment in agriculture (%)	31.3	23.3	18.6
Employment in agriculture, female (%)	32.4	23.3	16.2
Fertilizers use, nitrogen (1 000 t nutrients)			311.3
Fertilizers use, phosphate (1 000 t nutrients)			236.6
Fertilizers use, potash (1 000 t nutrients)			88.1
Agric. value added per worker (constant USD)	3 499	5 436	6 907
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)			2 728
Average dietary energy supply adequacy (%)		110	110
Dietary energy supply, cereals/roots/tubers (%)		38	41
Prevalence of undernourishment (%)			5.6
Prevalence of severe food insecurity (%)			2.1
GDP per capita (USD, PPP)		10 901	13 721
Cereal import dependency ratio (%)			-47.2
Stunting, children under 5 (%)		8.1	6.0
Wasting, children under 5 (%)		4.5	3.9
Safely managed drinking water (% pop. using)		77.8	88.1
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)			3 645
Agriculture, value added (% GDP)	20	10	6
Food (excl. fish) exports (mill. USD)			2 375
Food (excl. fish) imports (mill. USD)			837
<b>Production indices (2004–06 = 100)</b>			
Food			99
Crops			106
Cereals			131
Vegetable oils			158
Roots and tubers			77
Fruit and vegetables			86
Sugar			84
Livestock			101
Milk			93
Meat			104
Fish			117
<b>Net trade (mill. USD)</b>			
Cereals and preparations			592
Fruit and vegetables			499
Meat and meat preparations			-4
Dairy products (milk equivalent)			23
Fish	0	0	-56
<b>Environment</b>			
Forest area (% total land area)			31
Agricultural area (% total land area)			39
Freshwater withdrawal (% tot renewable)			2.6
Terrestrial protected areas (% total land area)			6
Organic area (ha)			14
Wood pellet production (1 000 t)			244
Emissions in agriculture (CO <sub>2</sub> eq. Gg)			5 947
Net emissions in land use (CO <sub>2</sub> eq. Gg)			-1 293

# Seychelles

	1995	2005	2016
<b>The setting</b>			
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)		3.7	2.6
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	1.2	0.8	0.9
Total renewable water resources per cap. (m <sup>3</sup> )			
Land area equipped for irrigation (1 000 ha)		0	0
Agric. area actually irrigated (% agric. area)		5.0	
Employment in agriculture (%)			
Employment in agriculture, female (%)			
Fertilizers use, nitrogen (1 000 t nutrients)		0.0	0.0
Fertilizers use, phosphate (1 000 t nutrients)		0.0	0.0
Fertilizers use, potash (1 000 t nutrients)		0.0	0.0
Agric. value added per worker (constant USD)			
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 298	2 362
Average dietary energy supply adequacy (%)		97	99
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			2.4
GDP per capita (USD, PPP)		17 812	25 631
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	7	5	5
Agriculture, value added (% GDP)	5	3	2
Food (excl. fish) exports (mill. USD)	1	1	1
Food (excl. fish) imports (mill. USD)	37	67	118
<b>Production indices (2004–06 = 100)</b>			
Food	157	99	104
Crops	129	96	94
<b>Cereals</b>			
Vegetable oils	124	86	86
Roots and tubers	88	102	119
Fruit and vegetables	83	97	124
<b>Sugar</b>			
Livestock	172	100	103
Milk	200	92	2
Meat	171	100	122
Fish	4	108	125
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-10	-13	-17
Fruit and vegetables	-8	-14	-27
Meat and meat preparations	-3	-7	-18
Dairy products (milk equivalent)	-5	-9	-18
Fish	14	221	359
<b>Environment</b>			
Forest area (% total land area)	88	88	88
Agricultural area (% total land area)	9	9	3
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			42
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	12	7	4
Net emissions in land use (CO <sub>2</sub> eq. Gg)	0	0	0

## Sierra Leone

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	4.3	5.7	7.6
Rural population, total (mill.)	2.6	3.2	3.9
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.6	1.4	1.8
Cropping intensity ratio	1.0	0.8	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	41 634	29 679	21 633
Land area equipped for irrigation (1 000 ha)	29	30	30
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	66.2	65.9	60.6
Employment in agriculture, female (%)	66.4	65.6	59.8
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)	642	761	1 169
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 089	2 399
Average dietary energy supply adequacy (%)		98	109
Dietary energy supply, cereals/roots/tubers (%)		60	63
Prevalence of undernourishment (%)		37.0	25.5
Prevalence of severe food insecurity (%)			70.6
GDP per capita (USD, PPP)		1 062	1 364
Cereal import dependency ratio (%)		21.9	27.8
Stunting, children under 5 (%)		46.9	37.9
Wasting, children under 5 (%)		10.2	9.4
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	383	646	1 409
Agriculture, value added (% GDP)	45	49	58
Food (excl. fish) exports (mill. USD)	4	14	49
Food (excl. fish) imports (mill. USD)	133	90	259
<b>Production indices (2004–06 = 100)</b>			
Food	55	92	201
Crops	52	92	196
Cereals	47	93	203
Vegetable oils	84	96	114
Roots and tubers	19	77	322
Fruit and vegetables	77	100	132
Sugar	30	100	110
Livestock	108	98	214
Milk	133	95	258
Meat	85	99	189
Fish	46	102	145
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-92	-40	-107
Fruit and vegetables	-3	-6	-7
Meat and meat preparations	-1	-3	-23
Dairy products (milk equivalent)			-10
Fish	45	11	9
<b>Environment</b>			
Forest area (% total land area)	42	39	43
Agricultural area (% total land area)	39	53	55
Freshwater withdrawal (% tot renewable)		0.1	
Terrestrial protected areas (% total land area)			9
Organic area (ha)			70
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	1 480	1 934	3 317
Net emissions in land use (CO <sub>2</sub> eq. Gg)	5 863	5 718	5 900

# Singapore

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	3.5	4.5	5.7
Rural population, total (mill.)	0.0	0.0	0.0
Govt. expenditure on agric. (% total outlays)		0.2	0.3
Area harvested, crops (mill. ha)	0.0	0.0	0.0
Cropping intensity ratio	0.4	1.5	2.1
Total renewable water resources per cap. (m <sup>3</sup> )	164	127	107
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	0.2	0.9	0.1
Employment in agriculture, female (%)	0.1	0.6	0.1
Fertilizers use, nitrogen (1 000 t nutrients)		9.1	16.9
Fertilizers use, phosphate (1 000 t nutrients)		0.0	0.0
Fertilizers use, potash (1 000 t nutrients)		0.0	0.0
Agric. value added per worker (constant USD)	32 921	4 420	24 960
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			0.6
GDP per capita (USD, PPP)		61 974	82 622
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		100.0	100.0
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	44	24	31
Agriculture, value added (% GDP)	0	0	0
Food (excl. fish) exports (mill. USD)	1 985	1 802	5 042
Food (excl. fish) imports (mill. USD)	3 329	3 280	6 783
<b>Production indices (2004–06 = 100)</b>			
Food	163	90	115
Crops	32	98	133
<b>Cereals</b>			
Vegetable oils	201	97	73
Roots and tubers	151	101	140
Fruit and vegetables	32	98	133
<b>Sugar</b>			
Livestock	184	89	112
<b>Milk</b>			
Meat	1 264	6	4
Fish	152	87	81
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-167	57	626
Fruit and vegetables	-472	-508	-1 260
Meat and meat preparations	-241	-423	-853
Dairy products (milk equivalent)	-188	-256	-436
Fish	77	-345	-757
<b>Environment</b>			
Forest area (% total land area)	24	24	23
Agricultural area (% total land area)	2	1	1
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			6
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	81	135	206
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-18	43	44

# Slovakia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	5.4	5.4	5.4
Rural population, total (mill.)	2.3	2.4	2.5
Govt. expenditure on agric. (% total outlays)		4.0	1.4
Area harvested, crops (mill. ha)	1.2	1.1	1.1
Cropping intensity ratio	0.7	0.8	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	9 316	9 292	9 202
Land area equipped for irrigation (1 000 ha)	217	189	64
Agric. area actually irrigated (% agric. area)		1.3	1.2
Employment in agriculture (%)	9.2	4.8	2.9
Employment in agriculture, female (%)	6.4	2.6	1.4
Fertilizers use, nitrogen (1 000 t nutrients)		78.7	126.2
Fertilizers use, phosphate (1 000 t nutrients)		16.9	24.3
Fertilizers use, potash (1 000 t nutrients)		16.5	18.9
Agric. value added per worker (constant USD)	7 705	19 192	50 221
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 830	3 020
Average dietary energy supply adequacy (%)		110	119
Dietary energy supply, cereals/roots/tubers (%)		37	37
Prevalence of undernourishment (%)		6.2	2.7
Prevalence of severe food insecurity (%)			<0.5
GDP per capita (USD, PPP)		20 021	29 212
Cereal import dependency ratio (%)		-34.2	-27.7
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		93.4	93.4
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 662	1 648	1 633
Agriculture, value added (% GDP)	5	3	3
Food (excl. fish) exports (mill. USD)	414	1 208	2 558
Food (excl. fish) imports (mill. USD)	433	1 485	3 338
<b>Production indices (2004–06 = 100)</b>			
Food	104	103	102
Crops	105	102	119
Cereals	104	105	147
Vegetable oils	52	94	154
Roots and tubers	139	95	55
Fruit and vegetables	129	101	40
Sugar	75	111	96
Livestock	122	101	77
Milk	109	101	87
Meat	131	101	66
Fish	127	94	144
<b>Net trade (mill. USD)</b>			
Cereals and preparations	124	62	231
Fruit and vegetables	-83	-264	-588
Meat and meat preparations	-9	-149	-434
Dairy products (milk equivalent)	20	75	-82
Fish	-32	-46	-91
<b>Environment</b>			
Forest area (% total land area)	40	40	40
Agricultural area (% total land area)	51	40	39
Freshwater withdrawal (% tot renewable)	2.6	1.4	1.1
Terrestrial protected areas (% total land area)			37
Organic area (ha)		118	187
Wood pellet production (1 000 t)			82
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	3 430	2 429	2 438
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-9 893	-9 197	-5 089

# Slovenia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	2.0	2.0	2.1
Rural population, total (mill.)	1.0	1.0	1.1
Govt. expenditure on agric. (% total outlays)		2.2	1.7
Area harvested, crops (mill. ha)	0.2	0.1	0.1
Cropping intensity ratio	0.7	0.7	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	16 031	15 801	15 338
Land area equipped for irrigation (1 000 ha)	2	5	6
Agric. area actually irrigated (% agric. area)		0.4	0.5
Employment in agriculture (%)	10.4	9.1	5.0
Employment in agriculture, female (%)	10.7	9.1	4.2
Fertilizers use, nitrogen (1 000 t nutrients)		28.9	27.1
Fertilizers use, phosphate (1 000 t nutrients)		13.2	9.2
Fertilizers use, potash (1 000 t nutrients)		16.0	11.4
Agric. value added per worker (constant USD)	8 814	9 872	20 790
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 116	3 168
Average dietary energy supply adequacy (%)		123	127
Dietary energy supply, cereals/roots/tubers (%)		36	39
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		26 956	29 930
Cereal import dependency ratio (%)		46.9	36.9
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		82.3	98.0
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	683	713	642
Agriculture, value added (% GDP)	4	2	2
Food (excl. fish) exports (mill. USD)	231	421	1 201
Food (excl. fish) imports (mill. USD)	559	931	1 883
<b>Production indices (2004–06 = 100)</b>			
Food	94	98	89
Crops	93	100	86
Cereals	93	105	116
Vegetable oils	27	110	169
Roots and tubers	158	107	59
Fruit and vegetables	82	96	77
Sugar	108	106	
Livestock	94	98	90
Milk	85	99	102
Meat	100	98	79
Fish	116	101	84
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-93	-114	-149
Fruit and vegetables	-102	-210	-272
Meat and meat preparations	4	-29	-105
Dairy products (milk equivalent)	26	25	-5
Fish	-22	-39	-73
<b>Environment</b>			
Forest area (% total land area)	60	62	62
Agricultural area (% total land area)	27	25	31
Freshwater withdrawal (% tot renewable)		2.9	3.6
Terrestrial protected areas (% total land area)			54
Organic area (ha)		23	44
Wood pellet production (1 000 t)			115
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	1 770	1 524	1 486
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-6 831	-10 351	-6 244

## Solomon Islands

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	0.4	0.5	0.6
Rural population, total (mill.)	0.3	0.4	0.5
Govt. expenditure on agric. (% total outlays)			3.7
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	1.0	1.1	1.1
Total renewable water resources per cap. (m <sup>3</sup> )	117 663	90 835	74 572
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	70.6	71.2	68.7
Employment in agriculture, female (%)	72.7	73.3	70.5
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)			
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 429	2 452
Average dietary energy supply adequacy (%)		114	113
Dietary energy supply, cereals/roots/tubers (%)		67	68
Prevalence of undernourishment (%)		11.9	12.3
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		1 681	2 179
Cereal import dependency ratio (%)		96.1	93.4
Stunting, children under 5 (%)		32.8	31.6
Wasting, children under 5 (%)		4.3	7.9
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	80	106	116
Agriculture, value added (% GDP)	42	30	28
Food (excl. fish) exports (mill. USD)	36	27	56
Food (excl. fish) imports (mill. USD)	14	36	91
<b>Production indices (2004–06 = 100)</b>			
Food	78	103	112
Crops	77	103	113
Cereals	92	102	94
Vegetable oils	84	101	110
Roots and tubers	70	103	123
Fruit and vegetables	69	98	122
Sugar			
Livestock	88	100	106
Milk	96	99	109
Meat	88	100	104
Fish	183	86	190
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-8	-23	-49
Fruit and vegetables	0	-1	-3
Meat and meat preparations			-15
Dairy products (milk equivalent)			-3
Fish	43	11	73
<b>Environment</b>			
Forest area (% total land area)	82	80	78
Agricultural area (% total land area)	3	3	4
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			2
Organic area (ha)		4	6
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	54	58	65
Net emissions in land use (CO <sub>2</sub> eq. Gg)	1 687	1 687	1 980

# Somalia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	7.7	10.4	14.7
Rural population, total (mill.)	4.4	5.5	7.0
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.8	0.8	0.5
Cropping intensity ratio	0.7	0.6	0.5
Total renewable water resources per cap. (m <sup>3</sup> )	2 203	1 650	1 027
Land area equipped for irrigation (1 000 ha)	200	200	200
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	86.9	86.7	86.2
Employment in agriculture, female (%)	92.4	92.4	91.9
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)			
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		1 718	1 888
Average dietary energy supply adequacy (%)		80	87
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)			
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)		42.1	
Wasting, children under 5 (%)		13.2	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 379	1 615	1 691
Agriculture, value added (% GDP)	62	53	53
Food (excl. fish) exports (mill. USD)	111	110	478
Food (excl. fish) imports (mill. USD)	79	258	1 129
<b>Production indices (2004–06 = 100)</b>			
Food	88	103	108
Crops	85	102	91
Cereals	84	108	41
Vegetable oils	86	102	97
Roots and tubers	55	101	112
Fruit and vegetables	89	100	107
Sugar	109	82	115
Livestock	88	103	110
Milk	99	104	99
Meat	76	103	124
Fish	114	88	106
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-38	-106	-328
Fruit and vegetables	9	-10	-33
Meat and meat preparations	0	0	-3
Dairy products (milk equivalent)	-4	-1	-83
Fish	10	4	-9
<b>Environment</b>			
Forest area (% total land area)	13	11	10
Agricultural area (% total land area)	70	71	70
Freshwater withdrawal (% tot renewable)		22.4	
Terrestrial protected areas (% total land area)			1
Organic area (ha)		0	
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	19 792	22 185	20 199
Net emissions in land use (CO <sub>2</sub> eq. Gg)	15 767	17 600	13 201



## South Africa

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	42.1	48.8	56.7
Rural population, total (mill.)	18.9	19.5	18.5
Govt. expenditure on agric. (% total outlays)		2.1	1.5
Area harvested, crops (mill. ha)	6.9	5.9	4.9
Cropping intensity ratio	0.5	0.4	0.4
Total renewable water resources per cap. (m <sup>3</sup> )	1 196	1 033	917
Land area equipped for irrigation (1 000 ha)	1 355	1 518	1 670
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	18.7	7.5	5.6
Employment in agriculture, female (%)	19.8	6.0	3.9
Fertilizers use, nitrogen (1 000 t nutrients)		347.3	402.8
Fertilizers use, phosphate (1 000 t nutrients)		159.5	208.4
Fertilizers use, potash (1 000 t nutrients)		116.8	120.2
Agric. value added per worker (constant USD)	2 505	7 677	9 800
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 940	2 955
Average dietary energy supply adequacy (%)		123	123
Dietary energy supply, cereals/roots/tubers (%)		55	52
Prevalence of undernourishment (%)		4.4	6.1
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		10 783	12 287
Cereal import dependency ratio (%)		10.2	3.9
Stunting, children under 5 (%)		32.8	27.4
Wasting, children under 5 (%)		7.4	2.5
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	7 359	10 673	12 106
Agriculture, value added (% GDP)	3	2	2
Food (excl. fish) exports (mill. USD)	1 536	2 661	6 217
Food (excl. fish) imports (mill. USD)	1 372	1 778	4 508
<b>Production indices (2004–06 = 100)</b>			
Food	71	103	117
Crops	73	106	105
Cereals	63	119	86
Vegetable oils	83	99	136
Roots and tubers	78	98	119
Fruit and vegetables	75	101	119
Sugar	83	105	75
Livestock	73	100	131
Milk	82	106	126
Meat	69	98	134
Fish	74	105	79
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-207	-109	-730
Fruit and vegetables	792	1 482	3 248
Meat and meat preparations	-158	-221	-199
Dairy products (milk equivalent)	17	-43	68
Fish	87	317	260
<b>Environment</b>			
Forest area (% total land area)	8	8	8
Agricultural area (% total land area)	80	80	80
Freshwater withdrawal (% tot renewable)	25.1		30.2
Terrestrial protected areas (% total land area)			14
Organic area (ha)		50	14
Wood pellet production (1 000 t)			5
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	28 931	30 366	29 085
Net emissions in land use (CO <sub>2</sub> eq. Gg)	2 082	2 736	2 022

## South Sudan

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)			12.6
Rural population, total (mill.)			10.4
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)			1.8
Cropping intensity ratio			0.7
Total renewable water resources per cap. (m <sup>3</sup> )			4 047
Land area equipped for irrigation (1 000 ha)			38
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	64.6	56.5	64.4
Employment in agriculture, female (%)	61.8	55.8	62.0
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)			
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)			1 570
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)			1 770
Agriculture, value added (% GDP)			4
Food (excl. fish) exports (mill. USD)			7
Food (excl. fish) imports (mill. USD)			71
<b>Production indices (2004–06 = 100)</b>			
Food			
Crops			
Cereals			
Vegetable oils			
Roots and tubers			
Fruit and vegetables			
Sugar			
Livestock			
Milk			
Meat			
Fish			
<b>Net trade (mill. USD)</b>			
Cereals and preparations			-109
Fruit and vegetables			-2
Meat and meat preparations			
Dairy products (milk equivalent)			-5
Fish	0	0	0
<b>Environment</b>			
Forest area (% total land area)			
Agricultural area (% total land area)			
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			16
Organic area (ha)			130
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)			45 086
Net emissions in land use (CO <sub>2</sub> eq. Gg)			

# Spain

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	39.9	44.0	46.4
Rural population, total (mill.)	9.5	9.9	9.5
Govt. expenditure on agric. (% total outlays)		0.4	0.2
Area harvested, crops (mill. ha)	13.8	13.3	12.8
Cropping intensity ratio	0.7	0.7	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	2 788	2 466	2 406
Land area equipped for irrigation (1 000 ha)	3 527	3 858	3 923
Agric. area actually irrigated (% agric. area)		11.7	13.8
Employment in agriculture (%)	9.0	5.3	4.2
Employment in agriculture, female (%)	7.1	3.5	2.1
Fertilizers use, nitrogen (1 000 t nutrients)		923.8	982.2
Fertilizers use, phosphate (1 000 t nutrients)		513.5	415.0
Fertilizers use, potash (1 000 t nutrients)		398.2	379.0
Agric. value added per worker (constant USD)	21 333	30 065	47 281
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 231	3 174
Average dietary energy supply adequacy (%)		128	127
Dietary energy supply, cereals/roots/tubers (%)		25	28
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			1.4
GDP per capita (USD, PPP)		32 902	33 320
Cereal import dependency ratio (%)		36.3	31.8
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		98.5	98.2
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	20 723	28 096	30 518
Agriculture, value added (% GDP)	4	3	3
Food (excl. fish) exports (mill. USD)	10 984	20 468	37 399
Food (excl. fish) imports (mill. USD)	8 620	14 180	21 337
<b>Production indices (2004–06 = 100)</b>			
Food	71	96	104
Crops	63	92	109
Cereals	57	74	113
Vegetable oils	39	80	133
Roots and tubers	146	98	80
Fruit and vegetables	69	98	103
Sugar	111	108	48
Livestock	80	100	95
Milk	93	100	78
Meat	77	100	100
Fish	123	94	104
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-1 125	-2 045	-2 034
Fruit and vegetables	5 260	8 170	13 325
Meat and meat preparations	-80	1 339	4 543
Dairy products (milk equivalent)	-557	-816	-485
Fish	-1 915	-3 053	-3 008
<b>Environment</b>			
Forest area (% total land area)	31	35	37
Agricultural area (% total land area)	60	58	53
Freshwater withdrawal (% tot renewable)	30.9	31.4	
Terrestrial protected areas (% total land area)			28
Organic area (ha)		623	2 019
Wood pellet production (1 000 t)			428
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	33 645	37 636	37 454
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-46 622	-46 520	-33 039

## Sri Lanka

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	18.2	19.5	20.9
Rural population, total (mill.)	14.9	16.3	17.9
Govt. expenditure on agric. (% total outlays)		4.0	5.6
Area harvested, crops (mill. ha)	2.2	2.1	2.3
Cropping intensity ratio	1.1	1.0	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	2 857	2 665	2 539
Land area equipped for irrigation (1 000 ha)	570	570	633
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	39.6	33.8	27.5
Employment in agriculture, female (%)	42.3	37.8	30.8
Fertilizers use, nitrogen (1 000 t nutrients)		181.6	117.8
Fertilizers use, phosphate (1 000 t nutrients)		36.9	34.9
Fertilizers use, potash (1 000 t nutrients)		62.4	18.8
Agric. value added per worker (constant USD)	1 369	1 445	2 509
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 358	2 577
Average dietary energy supply adequacy (%)		102	112
Dietary energy supply, cereals/roots/tubers (%)		58	56
Prevalence of undernourishment (%)		18.2	10.9
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		6 476	11 446
Cereal import dependency ratio (%)		37.2	26.0
Stunting, children under 5 (%)		17.3	17.3
Wasting, children under 5 (%)		14.7	15.1
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 887	1 990	2 553
Agriculture, value added (% GDP)	12	8	8
Food (excl. fish) exports (mill. USD)	133	253	893
Food (excl. fish) imports (mill. USD)	556	831	1 729
<b>Production indices (2004–06 = 100)</b>			
Food	97	102	131
Crops	95	102	131
Cereals	91	106	139
Vegetable oils	106	90	147
Roots and tubers	121	100	122
Fruit and vegetables	103	103	127
Sugar	122	95	72
Livestock	102	104	113
Milk	170	100	106
Meat	84	106	107
Fish	85	79	197
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-195	-225	-271
Fruit and vegetables	-17	-17	-120
Meat and meat preparations	-2	-2	-1
Dairy products (milk equivalent)	-83	-132	-247
Fish	-2	30	-66
<b>Environment</b>			
Forest area (% total land area)	36	34	33
Agricultural area (% total land area)	37	40	44
Freshwater withdrawal (% tot renewable)		24.5	
Terrestrial protected areas (% total land area)			30
Organic area (ha)		10	96
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	6 278	5 561	6 149
Net emissions in land use (CO <sub>2</sub> eq. Gg)	5 182	6 421	4 459

# Sudan

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)			40.5
Rural population, total (mill.)			27.3
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)			18.9
Cropping intensity ratio			0.9
Total renewable water resources per cap. (m <sup>3</sup> )			955
Land area equipped for irrigation (1 000 ha)			1 855
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	61.0	54.8	52.5
Employment in agriculture, female (%)	54.0	46.1	45.9
Fertilizers use, nitrogen (1 000 t nutrients)			129.8
Fertilizers use, phosphate (1 000 t nutrients)			9.5
Fertilizers use, potash (1 000 t nutrients)			2.9
Agric. value added per worker (constant USD)	2 583	3 461	4 200
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)			2 336
Average dietary energy supply adequacy (%)			106
Dietary energy supply, cereals/roots/tubers (%)			39
Prevalence of undernourishment (%)			25.2
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		2 713	4 386
Cereal import dependency ratio (%)			18.3
Stunting, children under 5 (%)			38.2
Wasting, children under 5 (%)			16.3
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)			6 718
Agriculture, value added (% GDP)			32
Food (excl. fish) exports (mill. USD)			918
Food (excl. fish) imports (mill. USD)			1 429
<b>Production indices (2004–06 = 100)</b>			
Food			
Crops			
Cereals			
Vegetable oils			
Roots and tubers			
Fruit and vegetables			
Sugar			
Livestock			
Milk			
Meat			
Fish			
<b>Net trade (mill. USD)</b>			
Cereals and preparations			-586
Fruit and vegetables			-28
Meat and meat preparations			9
Dairy products (milk equivalent)			-87
Fish	0	0	-6
<b>Environment</b>			
Forest area (% total land area)			
Agricultural area (% total land area)			
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			2
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)			66 962
Net emissions in land use (CO <sub>2</sub> eq. Gg)			

# Suriname

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	0.4	0.5	0.6
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	1.1	1.0	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	214 471	197 605	177 302
Land area equipped for irrigation (1 000 ha)	49	55	60
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	6.0	7.0	2.6
Employment in agriculture, female (%)	1.8	3.8	1.0
Fertilizers use, nitrogen (1 000 t nutrients)		4.2	12.2
Fertilizers use, phosphate (1 000 t nutrients)		0.3	1.1
Fertilizers use, potash (1 000 t nutrients)		0.7	0.9
Agric. value added per worker (constant USD)	35 902	27 544	93 719
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 601	2 780
Average dietary energy supply adequacy (%)		111	117
Dietary energy supply, cereals/roots/tubers (%)		43	42
Prevalence of undernourishment (%)		10.9	7.6
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		12 168	13 878
Cereal import dependency ratio (%)		21.6	-4.6
Stunting, children under 5 (%)		10.7	
Wasting, children under 5 (%)		4.9	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	104	86	138
Agriculture, value added (% GDP)	30	11	9
Food (excl. fish) exports (mill. USD)	45	27	74
Food (excl. fish) imports (mill. USD)	51	89	162
<b>Production indices (2004–06 = 100)</b>			
Food	118	98	157
Crops	122	97	153
Cereals	125	94	162
Vegetable oils	283	97	130
Roots and tubers	144	100	150
Fruit and vegetables	109	105	136
Sugar	138	81	145
Livestock	92	102	125
Milk	127	100	64
Meat	76	101	122
Fish	45	94	149
<b>Net trade (mill. USD)</b>			
Cereals and preparations	24	-7	-12
Fruit and vegetables	7	5	19
Meat and meat preparations	-3	-19	-30
Dairy products (milk equivalent)	-8		-13
Fish	39	42	91
<b>Environment</b>			
Forest area (% total land area)	99	99	98
Agricultural area (% total land area)	1	0	1
Freshwater withdrawal (% tot renewable)		0.6	
Terrestrial protected areas (% total land area)			15
Organic area (ha)			0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	847	649	766
Net emissions in land use (CO <sub>2</sub> eq. Gg)	4 523	4 154	4 549

# Sweden

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	8.8	9.0	9.9
Rural population, total (mill.)	1.4	1.4	1.4
Govt. expenditure on agric. (% total outlays)		0.7	0.4
Area harvested, crops (mill. ha)	1.3	1.3	1.2
Cropping intensity ratio	0.5	0.5	0.5
Total renewable water resources per cap. (m <sup>3</sup> )	19 641	19 010	17 687
Land area equipped for irrigation (1 000 ha)	123	167	155
Agric. area actually irrigated (% agric. area)		1.5	1.7
Employment in agriculture (%)	3.1	2.0	1.9
Employment in agriculture, female (%)	1.5	0.9	1.0
Fertilizers use, nitrogen (1 000 t nutrients)		161.5	186.0
Fertilizers use, phosphate (1 000 t nutrients)		35.3	30.0
Fertilizers use, potash (1 000 t nutrients)		40.0	32.0
Agric. value added per worker (constant USD)	44 798	74 836	82 161
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 120	3 179
Average dietary energy supply adequacy (%)		122	126
Dietary energy supply, cereals/roots/tubers (%)		28	27
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			1.0
GDP per capita (USD, PPP)		41 227	46 568
Cereal import dependency ratio (%)		-22.8	-12.0
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		98.0	98.0
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	2 738	2 800	2 787
Agriculture, value added (% GDP)	2	1	1
Food (excl. fish) exports (mill. USD)	1 087	2 505	3 512
Food (excl. fish) imports (mill. USD)	2 451	4 801	8 132
<b>Production indices (2004–06 = 100)</b>			
Food	98	100	100
Crops	94	103	115
Cereals	93	104	114
Vegetable oils	88	94	125
Roots and tubers	115	106	96
Fruit and vegetables	77	98	113
Sugar	108	104	87
Livestock	103	99	93
Milk	103	100	89
Meat	103	99	92
Fish	152	97	83
<b>Net trade (mill. USD)</b>			
Cereals and preparations	8	82	137
Fruit and vegetables	-976	-1 460	-2 216
Meat and meat preparations	-187	-685	-1 178
Dairy products (milk equivalent)	0	-149	-618
Fish	-146	-418	-769
<b>Environment</b>			
Forest area (% total land area)	69	69	69
Agricultural area (% total land area)	8	8	7
Freshwater withdrawal (% tot renewable)	1.6	1.5	
Terrestrial protected areas (% total land area)			14
Organic area (ha)		223	553
Wood pellet production (1 000 t)			1 738
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	7 625	6 821	6 584
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-19 887	-51 116	-4 216

# Switzerland

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	7.0	7.4	8.5
Rural population, total (mill.)	1.9	2.0	2.2
Govt. expenditure on agric. (% total outlays)		4.1	3.4
Area harvested, crops (mill. ha)	0.3	0.3	0.2
Cropping intensity ratio	0.7	0.6	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	7 546	7 077	6 368
Land area equipped for irrigation (1 000 ha)	25	50	63
Agric. area actually irrigated (% agric. area)			2.2
Employment in agriculture (%)	4.5	3.9	3.4
Employment in agriculture, female (%)	3.7	2.8	2.9
Fertilizers use, nitrogen (1 000 t nutrients)		53.3	52.9
Fertilizers use, phosphate (1 000 t nutrients)		15.8	14.6
Fertilizers use, potash (1 000 t nutrients)		23.5	18.0
Agric. value added per worker (constant USD)	24 398	25 761	25 270
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 410	3 376
Average dietary energy supply adequacy (%)		133	131
Dietary energy supply, cereals/roots/tubers (%)		23	22
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			1.3
GDP per capita (USD, PPP)		52 771	57 422
Cereal import dependency ratio (%)		40.8	54.7
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		93.3	95.5
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	2 444	2 389	2 493
Agriculture, value added (% GDP)	1	1	1
Food (excl. fish) exports (mill. USD)	1 668	2 288	3 693
Food (excl. fish) imports (mill. USD)	3 193	4 271	7 025
<b>Production indices (2004–06 = 100)</b>			
Food	101	99	103
Crops	104	97	92
Cereals	117	100	70
Vegetable oils	69	101	116
Roots and tubers	118	104	80
Fruit and vegetables	105	93	102
Sugar	60	103	93
Livestock	102	99	106
Milk	99	99	104
Meat	104	100	107
Fish	95	102	124
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-170	-156	-330
Fruit and vegetables	-1 213	-1 418	-2 386
Meat and meat preparations	-404	-531	-773
Dairy products (milk equivalent)	227	199	253
Fish	-411	-459	-787
<b>Environment</b>			
Forest area (% total land area)	30	31	32
Agricultural area (% total land area)	40	39	38
Freshwater withdrawal (% tot renewable)	4.8	4.7	
Terrestrial protected areas (% total land area)			10
Organic area (ha)		117	141
Wood pellet production (1 000 t)			183
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	5 868	5 241	5 026
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-1 919	-1 552	-1 552



## Syrian Arab Republic

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	14.3	18.3	18.3
Rural population, total (mill.)	7.2	8.4	9.7
Govt. expenditure on agric. (% total outlays)		5.4	
Area harvested, crops (mill. ha)	5.0	4.9	4.1
Cropping intensity ratio	0.9	0.9	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	1 109	865	912
Land area equipped for irrigation (1 000 ha)	1 089	1 428	1 310
Agric. area actually irrigated (% agric. area)		10.3	9.4
Employment in agriculture (%)	28.4	21.2	22.8
Employment in agriculture, female (%)	60.2	33.2	22.1
Fertilizers use, nitrogen (1 000 t nutrients)		266.4	27.1
Fertilizers use, phosphate (1 000 t nutrients)		121.9	6.5
Fertilizers use, potash (1 000 t nutrients)		8.8	1.5
Agric. value added per worker (constant USD)			
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 091	3 090
Average dietary energy supply adequacy (%)		136	134
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)			
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)		28.6	
Wasting, children under 5 (%)		10.3	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	3 845	6 136	5 295
Agriculture, value added (% GDP)	28	20	21
Food (excl. fish) exports (mill. USD)	469	617	348
Food (excl. fish) imports (mill. USD)	580	1 253	1 452
<b>Production indices (2004–06 = 100)</b>			
Food	62	99	85
Crops	67	100	78
Cereals	98	98	62
Vegetable oils	50	74	83
Roots and tubers	81	105	109
Fruit and vegetables	75	98	94
Sugar	112	88	61
Livestock	57	99	82
Milk	60	101	95
Meat	54	99	78
Fish	68	99	41
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-44	-354	-345
Fruit and vegetables	183	-17	-38
Meat and meat preparations	-7	-1	-23
Dairy products (milk equivalent)	-25	-65	-59
Fish	-62	-23	-36
<b>Environment</b>			
Forest area (% total land area)	2	3	3
Agricultural area (% total land area)	75	75	76
Freshwater withdrawal (% tot renewable)	85.9	84.2	
Terrestrial protected areas (% total land area)			1
Organic area (ha)		26	20
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	6 010	8 154	6 423
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-1 533	-1 551	-1 212

# Tajikistan

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	5.8	6.9	8.9
Rural population, total (mill.)	4.1	5.0	6.6
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	0.7	0.9	0.8
Cropping intensity ratio	0.7	1.0	1.0
Total renewable water resources per cap. (m <sup>3</sup> )	3 690	3 086	2 508
Land area equipped for irrigation (1 000 ha)	719	728	742
Agric. area actually irrigated (% agric. area)		15.1	
Employment in agriculture (%)	60.9	56.7	50.7
Employment in agriculture, female (%)	78.5	75.1	68.8
Fertilizers use, nitrogen (1 000 t nutrients)		28.6	56.7
Fertilizers use, phosphate (1 000 t nutrients)		0.0	2.4
Fertilizers use, potash (1 000 t nutrients)		0.0	0.3
Agric. value added per worker (constant USD)	453	621	1 002
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 034	2 213
Average dietary energy supply adequacy (%)		89	97
Dietary energy supply, cereals/roots/tubers (%)		66	58
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			7.8
GDP per capita (USD, PPP)		1 707	2 763
Cereal import dependency ratio (%)		44.2	47.1
Stunting, children under 5 (%)		33.1	
Wasting, children under 5 (%)		8.7	
Safely managed drinking water (% pop. using)		40.9	47.4
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	638	756	1 214
Agriculture, value added (% GDP)	34	21	21
Food (excl. fish) exports (mill. USD)	21	51	37
Food (excl. fish) imports (mill. USD)	160	238	573
<b>Production indices (2004–06 = 100)</b>			
Food	82	97	155
Crops	68	98	160
Cereals	25	102	157
Vegetable oils	86	93	93
Roots and tubers	20	101	163
Fruit and vegetables	80	96	234
Sugar			
Livestock	89	99	128
Milk	98	94	72
Meat	83	104	161
Fish	179	90	722
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-57	-87	-250
Fruit and vegetables	13	37	9
Meat and meat preparations		-6	-31
Dairy products (milk equivalent)		-2	-15
Fish	0	-1	-2
<b>Environment</b>			
Forest area (% total land area)	3	3	3
Agricultural area (% total land area)	33	33	34
Freshwater withdrawal (% tot renewable)	52.6	51.1	
Terrestrial protected areas (% total land area)			22
Organic area (ha)		0	13
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	3 114	3 425	5 929
Net emissions in land use (CO <sub>2</sub> eq. Gg)	92	0	0

## Thailand

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	59.5	65.4	69.0
Rural population, total (mill.)	41.1	41.0	32.0
Govt. expenditure on agric. (% total outlays)		5.2	7.6
Area harvested, crops (mill. ha)	17.0	18.3	18.9
Cropping intensity ratio	0.8	1.0	0.9
Total renewable water resources per cap. (m <sup>3</sup> )	7 244	6 610	6 369
Land area equipped for irrigation (1 000 ha)	5 004	6 187	6 415
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	52.0	42.6	33.3
Employment in agriculture, female (%)	53.5	40.7	30.8
Fertilizers use, nitrogen (1 000 t nutrients)		1 042.7	1 827.0
Fertilizers use, phosphate (1 000 t nutrients)		322.0	322.6
Fertilizers use, potash (1 000 t nutrients)		348.7	568.8
Agric. value added per worker (constant USD)	1 477	2 088	2 798
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 723	2 784
Average dietary energy supply adequacy (%)		111	114
Dietary energy supply, cereals/roots/tubers (%)		51	49
Prevalence of undernourishment (%)		12.5	9.0
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		11 525	15 706
Cereal import dependency ratio (%)		-46.0	-29.4
Stunting, children under 5 (%)		15.7	10.5
Wasting, children under 5 (%)		4.7	5.4
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	17 767	21 715	25 375
Agriculture, value added (% GDP)	9	9	8
Food (excl. fish) exports (mill. USD)	5 415	7 194	18 559
Food (excl. fish) imports (mill. USD)	1 128	2 155	6 928
<b>Production indices (2004–06 = 100)</b>			
Food	80	98	115
Crops	73	98	116
Cereals	75	103	86
Vegetable oils	50	87	181
Roots and tubers	79	84	153
Fruit and vegetables	69	99	108
Sugar	94	92	162
Livestock	99	100	131
Milk	36	105	130
Meat	107	100	129
Fish	88	101	61
<b>Net trade (mill. USD)</b>			
Cereals and preparations	1 802	2 180	3 947
Fruit and vegetables	1 298	1 577	3 219
Meat and meat preparations	544	898	2 882
Dairy products (milk equivalent)	-297	-213	-264
Fish	3 624	3 072	2 828
<b>Environment</b>			
Forest area (% total land area)	30	32	32
Agricultural area (% total land area)	42	38	43
Freshwater withdrawal (% tot renewable)		13.1	
Terrestrial protected areas (% total land area)			19
Organic area (ha)		22	57
Wood pellet production (1 000 t)			40
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	58 457	59 789	56 974
Net emissions in land use (CO <sub>2</sub> eq. Gg)	12 734	5 790	15 333

## Timor-Leste

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	0.9	1.0	1.3
Rural population, total (mill.)	0.7	0.7	0.8
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 renewable water resources per cap. (m <sup>3</sup> )	9 621	8 046	6 475
Land area equipped for irrigation (1 000 ha)	23	35	35
Agric. area actually irrigated (% agric. area)		7.5	
Employment in agriculture (%)	50.9	60.4	24.8
Employment in agriculture, female (%)	53.2	59.8	27.6
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)		1 322	3 047
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 036	2 131
Average dietary energy supply adequacy (%)		100	102
Dietary energy supply, cereals/roots/tubers (%)		73	67
Prevalence of undernourishment (%)		31.3	27.2
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		6 294	7 297
Cereal import dependency ratio (%)		24.9	15.7
Stunting, children under 5 (%)		53.9	50.2
Wasting, children under 5 (%)		24.5	11.0
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	102	100	118
Agriculture, value added (% GDP)	21	7	7
Food (excl. fish) exports (mill. USD)	0	1	1
Food (excl. fish) imports (mill. USD)	28	30	98
<b>Production indices (2004–06 = 100)</b>			
Food	102	101	119
Crops	95	102	110
Cereals	101	106	142
Vegetable oils	87	97	97
Roots and tubers	118	96	59
Fruit and vegetables	79	99	147
Sugar			
Livestock	103	99	114
Milk	124	101	104
Meat	102	100	115
Fish		100	89
<b>Net trade (mill. USD)</b>			
Cereals and preparations			-28
Fruit and vegetables	-7	-7	-6
Meat and meat preparations			
Dairy products (milk equivalent)			
Fish	0	0	-5
<b>Environment</b>			
Forest area (% total land area)	61	54	45
Agricultural area (% total land area)	23	26	26
Freshwater withdrawal (% tot renewable)		14.3	
Terrestrial protected areas (% total land area)			13
Organic area (ha)		22	28
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	552	719	896
Net emissions in land use (CO <sub>2</sub> eq. Gg)	3 577	6 749	6 102

# Togo

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	4.3	5.7	7.8
Rural population, total (mill.)	3.0	3.6	4.4
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	1.3	1.4	2.2
Cropping intensity ratio	0.6	0.6	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	3 262	2 496	1 933
Land area equipped for irrigation (1 000 ha)	7	7	7
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	44.0	42.5	39.0
Employment in agriculture, female (%)	39.7	38.1	34.5
Fertilizers use, nitrogen (1 000 t nutrients)		6.9	12.3
Fertilizers use, phosphate (1 000 t nutrients)		6.7	10.3
Fertilizers use, potash (1 000 t nutrients)		6.7	6.5
Agric. value added per worker (constant USD)	1 010	1 068	1 058
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 256	2 520
Average dietary energy supply adequacy (%)		103	114
Dietary energy supply, cereals/roots/tubers (%)		73	71
Prevalence of undernourishment (%)		26.0	16.2
Prevalence of severe food insecurity (%)			30.5
GDP per capita (USD, PPP)		1 180	1 389
Cereal import dependency ratio (%)		18.3	17.2
Stunting, children under 5 (%)		27.8	27.5
Wasting, children under 5 (%)		16.3	6.7
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	438	624	910
Agriculture, value added (% GDP)	25	31	25
Food (excl. fish) exports (mill. USD)	10	50	81
Food (excl. fish) imports (mill. USD)	48	70	179
<b>Production indices (2004–06 = 100)</b>			
Food	70	99	145
Crops	78	96	141
Cereals	71	100	152
Vegetable oils	90	94	128
Roots and tubers	84	95	134
Fruit and vegetables	95	100	112
Sugar			
Livestock	55	101	143
Milk	63	101	121
Meat	51	101	147
Fish	45	103	119
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-19	-25	-67
Fruit and vegetables	-3	-3	-12
Meat and meat preparations	-2	-2	-13
Dairy products (milk equivalent)	-6	0	2
Fish	-13	-5	-25
<b>Environment</b>			
Forest area (% total land area)	11	7	3
Agricultural area (% total land area)	61	60	70
Freshwater withdrawal (% tot renewable)		1.2	
Terrestrial protected areas (% total land area)			28
Organic area (ha)		0	22
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	1 410	2 619	2 812
Net emissions in land use (CO <sub>2</sub> eq. Gg)	6 720	6 632	6 589

# Tonga

	1995	2005	2016
<b>The setting</b>			
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	0.7	0.8	0.8
Total renewable water resources per cap. (m <sup>3</sup> )			
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	35.1	31.9	30.0
Employment in agriculture, female (%)	5.1	4.2	3.7
Fertilizers use, nitrogen (1 000 t nutrients)		0.5	0.7
Fertilizers use, phosphate (1 000 t nutrients)		0.8	0.0
Fertilizers use, potash (1 000 t nutrients)		0.1	0.0
Agric. value added per worker (constant USD)	5 458	5 842	5 483
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)			
Average dietary energy supply adequacy (%)			
Dietary energy supply, cereals/roots/tubers (%)			
Prevalence of undernourishment (%)			
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		4 947	5 327
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	22	23	33
Agriculture, value added (% GDP)	20	18	17
Food (excl. fish) exports (mill. USD)	10	5	5
Food (excl. fish) imports (mill. USD)	17	29	45
<b>Production indices (2004–06 = 100)</b>			
Food	93	97	138
Crops	97	97	142
<b>Cereals</b>			
Vegetable oils	69	92	216
Roots and tubers	197	100	86
Fruit and vegetables	84	100	101
<b>Sugar</b>			
Livestock	93	99	107
Milk	48	100	104
Meat	94	99	107
Fish	129	102	78
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-3	-5	-8
Fruit and vegetables	6	3	2
Meat and meat preparations		-17	-24
Dairy products (milk equivalent)			-5
Fish	1	1	2
<b>Environment</b>			
Forest area (% total land area)	13	13	13
Agricultural area (% total land area)	46	42	46
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			16
Organic area (ha)			2
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	62	69	70
Net emissions in land use (CO <sub>2</sub> eq. Gg)	0	0	0

## Trinidad and Tobago

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	1.3	1.3	1.4
Rural population, total (mill.)	1.1	1.2	1.2
Govt. expenditure on agric. (% total outlays)		3.4	0.9
Area harvested, crops (mill. ha)	0.1	0.0	0.0
Cropping intensity ratio	1.1	1.0	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	3 045	2 934	2 813
Land area equipped for irrigation (1 000 ha)	4	7	7
Agric. area actually irrigated (% agric. area)		9.3	
Employment in agriculture (%)	10.6	4.3	3.8
Employment in agriculture, female (%)	5.0	1.7	1.8
Fertilizers use, nitrogen (1 000 t nutrients)		5.3	6.5
Fertilizers use, phosphate (1 000 t nutrients)		0.3	0.5
Fertilizers use, potash (1 000 t nutrients)		0.4	1.9
Agric. value added per worker (constant USD)	3 411	4 183	3 987
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 778	3 138
Average dietary energy supply adequacy (%)		114	129
Dietary energy supply, cereals/roots/tubers (%)		34	36
Prevalence of undernourishment (%)		11.8	4.9
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		26 429	29 541
Cereal import dependency ratio (%)		97.1	100.0
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	135	144	140
Agriculture, value added (% GDP)	2	1	0
Food (excl. fish) exports (mill. USD)	120	156	138
Food (excl. fish) imports (mill. USD)	237	400	698
<b>Production indices (2004–06 = 100)</b>			
Food	92	99	96
Crops	138	89	60
Cereals	381	110	101
Vegetable oils	111	100	103
Roots and tubers	65	101	98
Fruit and vegetables	87	100	89
Sugar	219	69	
Livestock	61	105	121
Milk	124	106	31
Meat	59	105	123
Fish	77	114	87
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-47	-39	-108
Fruit and vegetables	-27	-41	-103
Meat and meat preparations	-14	-31	-108
Dairy products (milk equivalent)	-37	-48	-81
Fish	4	-13	-14
<b>Environment</b>			
Forest area (% total land area)	46	45	46
Agricultural area (% total land area)	15	11	11
Freshwater withdrawal (% tot renewable)	7.7	8.0	
Terrestrial protected areas (% total land area)			31
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	192	233	295
Net emissions in land use (CO <sub>2</sub> eq. Gg)	293	96	-498

# Tunisia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	9.1	10.1	11.5
Rural population, total (mill.)	3.5	3.5	3.8
Govt. expenditure on agric. (% total outlays)		6.6	
Area harvested, crops (mill. ha)	2.7	3.9	3.3
Cropping intensity ratio	0.6	0.8	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	492	448	405
Land area equipped for irrigation (1 000 ha)	361	418	476
Agric. area actually irrigated (% agric. area)		3.6	3.9
Employment in agriculture (%)	25.8	20.8	13.7
Employment in agriculture, female (%)	26.8	23.0	12.1
Fertilizers use, nitrogen (1 000 t nutrients)		76.1	94.9
Fertilizers use, phosphate (1 000 t nutrients)		79.3	69.4
Fertilizers use, potash (1 000 t nutrients)		10.2	7.6
Agric. value added per worker (constant USD)	3 024	4 931	8 526
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 247	3 345
Average dietary energy supply adequacy (%)		137	142
Dietary energy supply, cereals/roots/tubers (%)		52	51
Prevalence of undernourishment (%)		5.6	4.9
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		8 803	10 762
Cereal import dependency ratio (%)		55.8	59.7
Stunting, children under 5 (%)		9.0	
Wasting, children under 5 (%)		3.4	
Safely managed drinking water (% pop. using)		62.5	92.7
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	1 933	3 328	3 857
Agriculture, value added (% GDP)	10	9	9
Food (excl. fish) exports (mill. USD)	396	782	1 130
Food (excl. fish) imports (mill. USD)	816	861	1 731
<b>Production indices (2004–06 = 100)</b>			
Food	59	102	118
Crops	53	102	112
Cereals	28	108	65
Vegetable oils	31	108	72
Roots and tubers	65	88	128
Fruit and vegetables	67	99	147
Sugar			
Livestock	75	100	131
Milk	61	100	156
Meat	84	100	117
Fish	75	99	116
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-400	-307	-768
Fruit and vegetables	9	112	267
Meat and meat preparations	-12	-27	-3
Dairy products (milk equivalent)	-49	-17	2
Fish	66	116	75
<b>Environment</b>			
Forest area (% total land area)	5	6	7
Agricultural area (% total land area)	60	63	65
Freshwater withdrawal (% tot renewable)	61.7		
Terrestrial protected areas (% total land area)			8
Organic area (ha)		143	181
Wood pellet production (1 000 t)			6
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	3 408	4 284	4 340
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-659	-440	-291



## Turkey

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	58.5	67.9	80.7
Rural population, total (mill.)	22.2	21.8	20.1
Govt. expenditure on agric. (% total outlays)		4.1	3.0
Area harvested, crops (mill. ha)	21.0	20.4	17.8
Cropping intensity ratio	0.8	0.8	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	3 504	3 044	2 661
Land area equipped for irrigation (1 000 ha)	4 186	5 215	5 215
Agric. area actually irrigated (% agric. area)		12.7	13.6
Employment in agriculture (%)	43.4	25.7	19.5
Employment in agriculture, female (%)	70.8	46.2	28.6
Fertilizers use, nitrogen (1 000 t nutrients)		1 372.1	1 896.0
Fertilizers use, phosphate (1 000 t nutrients)		601.6	792.2
Fertilizers use, potash (1 000 t nutrients)		93.8	118.3
Agric. value added per worker (constant USD)	6 058	12 188	15 108
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 622	3 724
Average dietary energy supply adequacy (%)		155	158
Dietary energy supply, cereals/roots/tubers (%)		51	45
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		16 310	23 757
Cereal import dependency ratio (%)		-4.8	4.0
Stunting, children under 5 (%)		15.6	9.5
Wasting, children under 5 (%)		1.1	1.7
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	23 705	29 348	38 811
Agriculture, value added (% GDP)	11	9	6
Food (excl. fish) exports (mill. USD)	3 530	6 612	13 571
Food (excl. fish) imports (mill. USD)	2 031	2 361	7 819
<b>Production indices (2004–06 = 100)</b>			
Food	82	102	134
Crops	81	102	119
Cereals	78	104	103
Vegetable oils	60	86	130
Roots and tubers	106	92	110
Fruit and vegetables	81	104	127
Sugar	78	106	135
Livestock	87	99	164
Milk	95	99	160
Meat	76	99	174
Fish	106	88	95
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-31	628	1 331
Fruit and vegetables	2 092	4 090	5 637
Meat and meat preparations	-60	39	353
Dairy products (milk equivalent)	-15	-6	202
Fish	36	142	413
<b>Environment</b>			
Forest area (% total land area)	13	14	15
Agricultural area (% total land area)	51	54	50
Freshwater withdrawal (% tot renewable)	14.9	18.9	
Terrestrial protected areas (% total land area)			0
Organic area (ha)		204	524
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	38 186	35 135	43 449
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-21 463	-29 896	-64 854

# Turkmenistan

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	4.2	4.8	5.8
Rural population, total (mill.)	2.3	2.5	2.7
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	1.4	1.7	2.3
Cropping intensity ratio	0.8	0.8	1.2
Total renewable water resources per cap. (m <sup>3</sup> )	5 713	5 099	4 374
Land area equipped for irrigation (1 000 ha)	1 750	1 990	1 995
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	19.3	19.1	8.4
Employment in agriculture, female (%)	22.6	23.8	11.2
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)			
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 827	2 779
Average dietary energy supply adequacy (%)		122	121
Dietary energy supply, cereals/roots/tubers (%)		61	58
Prevalence of undernourishment (%)		4.8	5.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		6 495	15 648
Cereal import dependency ratio (%)			
Stunting, children under 5 (%)		18.9	11.5
Wasting, children under 5 (%)		7.2	4.2
Safely managed drinking water (% pop. using)		73.6	86.1
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	954	1 637	1 819
Agriculture, value added (% GDP)	16	19	13
Food (excl. fish) exports (mill. USD)	2	10	11
Food (excl. fish) imports (mill. USD)	153	77	383
<b>Production indices (2004–06 = 100)</b>			
Food	59	102	113
Crops	77	104	83
Cereals	33	98	58
Vegetable oils	136	112	65
Roots and tubers	9	102	146
Fruit and vegetables	57	102	131
Sugar		99	105
Livestock	62	100	118
Milk	85	101	43
Meat	50	99	150
Fish	76	100	100
<b>Net trade (mill. USD)</b>			
Cereals and preparations			-176
Fruit and vegetables	-13	-10	-27
Meat and meat preparations	-25		-40
Dairy products (milk equivalent)	-3		-27
Fish	0	-1	-5
<b>Environment</b>			
Forest area (% total land area)	9	9	9
Agricultural area (% total land area)	76	74	72
Freshwater withdrawal (% tot renewable)	95.7	112.5	
Terrestrial protected areas (% total land area)			3
Organic area (ha)			
Wood pellet production (1 000 t)			0
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	4 633	7 542	8 873
Net emissions in land use (CO <sub>2</sub> eq. Gg)	0	-293	0

# Uganda

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	20.6	28.5	42.9
Rural population, total (mill.)	18.3	25.0	35.6
Govt. expenditure on agric. (% total outlays)		3.1	4.0
Area harvested, crops (mill. ha)	5.6	7.0	7.0
Cropping intensity ratio	0.8	0.9	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	2 772	2 004	1 449
Land area equipped for irrigation (1 000 ha)	9	10	11
Agric. area actually irrigated (% agric. area)			0.1
Employment in agriculture (%)	73.9	75.3	70.4
Employment in agriculture, female (%)	81.3	82.1	75.8
Fertilizers use, nitrogen (1 000 t nutrients)		2.6	8.5
Fertilizers use, phosphate (1 000 t nutrients)		2.0	2.4
Fertilizers use, potash (1 000 t nutrients)		1.2	2.2
Agric. value added per worker (constant USD)	664	656	575
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 317	2 033
Average dietary energy supply adequacy (%)		111	95
Dietary energy supply, cereals/roots/tubers (%)		45	44
Prevalence of undernourishment (%)		24.1	41.4
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		1 223	1 687
Cereal import dependency ratio (%)		15.8	8.6
Stunting, children under 5 (%)		38.7	28.9
Wasting, children under 5 (%)		6.3	3.6
Safely managed drinking water (% pop. using)		4.6	6.4
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	3 559	4 863	4 756
Agriculture, value added (% GDP)	37	27	23
Food (excl. fish) exports (mill. USD)	58	78	345
Food (excl. fish) imports (mill. USD)	137	324	423
<b>Production indices (2004–06 = 100)</b>			
Food	74	101	98
Crops	81	100	82
Cereals	82	103	136
Vegetable oils	48	103	100
Roots and tubers	55	103	58
Fruit and vegetables	95	98	54
Sugar	48	99	156
Livestock	59	101	132
Milk	47	101	132
Meat	64	101	130
Fish	52	107	126
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-23	-144	3
Fruit and vegetables	5	-21	36
Meat and meat preparations	0	0	0
Dairy products (milk equivalent)	-3	-2	5
Fish	26	139	120
<b>Environment</b>			
Forest area (% total land area)	22	17	10
Agricultural area (% total land area)	61	66	72
Freshwater withdrawal (% tot renewable)		1.1	
Terrestrial protected areas (% total land area)			16
Organic area (ha)		182	262
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	11 386	16 699	26 570
Net emissions in land use (CO <sub>2</sub> eq. Gg)	20 648	20 771	26 105

# Ukraine

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	50.9	46.9	44.2
Rural population, total (mill.)	16.9	15.2	13.2
Govt. expenditure on agric. (% total outlays)		2.3	0.5
Area harvested, crops (mill. ha)	20.5	22.0	25.6
Cropping intensity ratio	0.6	0.7	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	3 499	3 790	3 945
Land area equipped for irrigation (1 000 ha)	2 585	2 183	2 166
Agric. area actually irrigated (% agric. area)		1.8	0.8
Employment in agriculture (%)	19.1	19.4	15.0
Employment in agriculture, female (%)	18.1	20.0	13.3
Fertilizers use, nitrogen (1 000 t nutrients)		376.9	1 197.4
Fertilizers use, phosphate (1 000 t nutrients)		101.6	287.0
Fertilizers use, potash (1 000 t nutrients)		79.4	244.5
Agric. value added per worker (constant USD)	1 997	2 327	4 812
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 216	2 948
Average dietary energy supply adequacy (%)		127	119
Dietary energy supply, cereals/roots/tubers (%)		45	41
Prevalence of undernourishment (%)		<2.5	3.3
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		7 246	7 668
Cereal import dependency ratio (%)		-38.0	-79.5
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		70.4	92.2
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	17 706	17 134	28 592
Agriculture, value added (% GDP)	13	9	12
Food (excl. fish) exports (mill. USD)	2 299	3 594	9 838
Food (excl. fish) imports (mill. USD)	602	1 446	2 371
<b>Production indices (2004–06 = 100)</b>			
Food	105	101	169
Crops	85	100	192
Cereals	84	102	184
Vegetable oils	58	105	331
Roots and tubers	70	97	109
Fruit and vegetables	90	103	232
Sugar	163	85	77
Livestock	131	99	97
Milk	118	101	74
Meat	160	96	122
Fish	162	114	37
<b>Net trade (mill. USD)</b>			
Cereals and preparations	227	1 390	4 087
Fruit and vegetables	84	-33	-172
Meat and meat preparations	282	-11	25
Dairy products (milk equivalent)	298	505	8
Fish	-48	-256	-445
<b>Environment</b>			
Forest area (% total land area)	16	17	17
Agricultural area (% total land area)	72	71	72
Freshwater withdrawal (% tot renewable)	14.8	8.6	
Terrestrial protected areas (% total land area)			4
Organic area (ha)		242	381
Wood pellet production (1 000 t)			390
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	60 683	29 629	27 655
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-46 047	-23 113	-4 645

## United Arab Emirates

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	2.4	4.6	9.4
Rural population, total (mill.)	0.5	0.7	1.4
Govt. expenditure on agric. (% total outlays)			0.0
Area harvested, crops (mill. ha)	0.0	0.2	0.1
Cropping intensity ratio	0.6	0.8	1.3
Total renewable water resources per cap. (m <sup>3</sup> )	58	25	16
Land area equipped for irrigation (1 000 ha)	68	227	92
Agric. area actually irrigated (% agric. area)			21.6
Employment in agriculture (%)	8.0	4.9	0.2
Employment in agriculture, female (%)	0.1	0.1	0.0
Fertilizers use, nitrogen (1 000 t nutrients)		32.1	15.1
Fertilizers use, phosphate (1 000 t nutrients)		6.2	4.2
Fertilizers use, potash (1 000 t nutrients)		7.1	12.2
Agric. value added per worker (constant USD)			238 446
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 227	3 409
Average dietary energy supply adequacy (%)		122	126
Dietary energy supply, cereals/roots/tubers (%)		44	43
Prevalence of undernourishment (%)		4.1	2.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		91 798	67 706
Cereal import dependency ratio (%)		100.0	100.0
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	423	676	657
Agriculture, value added (% GDP)	2	1	1
Food (excl. fish) exports (mill. USD)	497	1 726	4 862
Food (excl. fish) imports (mill. USD)	2 053	3 317	12 730
<b>Production indices (2004–06 = 100)</b>			
Food	66	105	102
Crops	70	104	83
Cereals	200	99	142
Vegetable oils			
Roots and tubers	47	100	52
Fruit and vegetables	70	104	83
Sugar			
Livestock	60	111	150
Milk	57	103	132
Meat	60	114	153
Fish	114	94	80
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-268	-321	-1 659
Fruit and vegetables	-474	-212	-2 523
Meat and meat preparations	-227	-310	-1 608
Dairy products (milk equivalent)	-170	-99	-839
Fish	-17	192	-475
<b>Environment</b>			
Forest area (% total land area)	4	4	5
Agricultural area (% total land area)	5	8	5
Freshwater withdrawal (% tot renewable)	1 149.0	1 867.0	
Terrestrial protected areas (% total land area)			13
Organic area (ha)		0	5
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	780	1 146	1 834
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-1 192	-51	-213

## United Kingdom

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	58.0	60.3	66.2
Rural population, total (mill.)	12.6	12.1	10.9
Govt. expenditure on agric. (% total outlays)		0.6	0.3
Area harvested, crops (mill. ha)	4.5	4.2	4.3
Cropping intensity ratio	0.7	0.7	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	2 523	2 404	2 234
Land area equipped for irrigation (1 000 ha)	125	228	99
Agric. area actually irrigated (% agric. area)		1.2	0.3
Employment in agriculture (%)	2.1	1.4	1.1
Employment in agriculture, female (%)	1.2	0.7	0.6
Fertilizers use, nitrogen (1 000 t nutrients)		1 003.0	1 040.0
Fertilizers use, phosphate (1 000 t nutrients)		235.0	198.0
Fertilizers use, potash (1 000 t nutrients)		325.0	286.0
Agric. value added per worker (constant USD)	28 062	44 114	49 139
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 440	3 424
Average dietary energy supply adequacy (%)		137	138
Dietary energy supply, cereals/roots/tubers (%)		31	31
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			3.4
GDP per capita (USD, PPP)		37 160	39 309
Cereal import dependency ratio (%)		-1.6	9.1
Stunting, children under 5 (%)			
Wasting, children under 5 (%)			
Safely managed drinking water (% pop. using)		95.7	95.7
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	17 106	15 750	16 363
Agriculture, value added (% GDP)	1	1	1
Food (excl. fish) exports (mill. USD)	8 254	9 432	13 359
Food (excl. fish) imports (mill. USD)	16 647	30 367	39 392
<b>Production indices (2004–06 = 100)</b>			
Food	109	100	104
Crops	98	101	98
Cereals	101	99	102
Vegetable oils	70	107	98
Roots and tubers	104	99	89
Fruit and vegetables	112	104	117
Sugar	101	104	68
Livestock	111	100	107
Milk	103	100	105
Meat	119	100	107
Fish	120	101	108
<b>Net trade (mill. USD)</b>			
Cereals and preparations	350	-637	-1 535
Fruit and vegetables	-5 002	-9 140	-11 714
Meat and meat preparations	-1 291	-5 335	-5 829
Dairy products (milk equivalent)	-298	-1 623	-1 445
Fish	-715	-1 302	-1 567
<b>Environment</b>			
Forest area (% total land area)	12	12	13
Agricultural area (% total land area)	72	70	72
Freshwater withdrawal (% tot renewable)	8.2	5.8	
Terrestrial protected areas (% total land area)			28
Organic area (ha)		605	491
Wood pellet production (1 000 t)			329
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	54 521	46 377	44 503
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-12 160	-12 183	-12 174

## United Republic of Tanzania

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	30.0	39.4	57.3
Rural population, total (mill.)	23.8	29.2	37.1
Govt. expenditure on agric. (% total outlays)		3.2	1.1
Area harvested, crops (mill. ha)	6.5	11.3	16.7
Cropping intensity ratio	0.7	1.0	1.1
Total renewable water resources per cap. (m <sup>3</sup> )	3 053	2 319	1 732
Land area equipped for irrigation (1 000 ha)	150	250	364
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	78.0	74.7	67.2
Employment in agriculture, female (%)	81.3	78.1	70.3
Fertilizers use, nitrogen (1 000 t nutrients)		33.5	107.6
Fertilizers use, phosphate (1 000 t nutrients)		16.8	54.6
Fertilizers use, potash (1 000 t nutrients)		5.5	8.0
Agric. value added per worker (constant USD)	497	604	669
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 125	2 241
Average dietary energy supply adequacy (%)		101	106
Dietary energy supply, cereals/roots/tubers (%)		59	55
Prevalence of undernourishment (%)		34.4	32.0
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		1 820	2 584
Cereal import dependency ratio (%)		12.6	12.2
Stunting, children under 5 (%)		44.4	34.4
Wasting, children under 5 (%)		3.5	4.5
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	3 941	5 491	9 585
Agriculture, value added (% GDP)	33	28	29
Food (excl. fish) exports (mill. USD)	102	145	819
Food (excl. fish) imports (mill. USD)	140	291	754
<b>Production indices (2004–06 = 100)</b>			
Food	69	97	169
Crops	63	97	175
Cereals	76	92	184
Vegetable oils	36	107	411
Roots and tubers	95	102	142
Fruit and vegetables	41	87	151
Sugar	57	102	130
Livestock	88	102	133
Milk	50	104	110
Meat	109	102	150
Fish	100	105	105
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-51	-112	-205
Fruit and vegetables	69	56	573
Meat and meat preparations	0	-2	1
Dairy products (milk equivalent)	-3	-3	-11
Fish	20	142	115
<b>Environment</b>			
Forest area (% total land area)	61	56	52
Agricultural area (% total land area)	37	40	45
Freshwater withdrawal (% tot renewable)		5.4	
Terrestrial protected areas (% total land area)			38
Organic area (ha)		45	269
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	33 587	40 849	54 518
Net emissions in land use (CO <sub>2</sub> eq. Gg)	235 605	256 508	220 636

## United States of America

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	265.7	295.1	324.5
Rural population, total (mill.)	61.0	59.8	59.6
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	99.3	99.4	103.6
Cropping intensity ratio	0.5	0.6	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	11 247	10 174	9 526
Land area equipped for irrigation (1 000 ha)	27 051	26 762	26 708
Agric. area actually irrigated (% agric. area)		5.6	
Employment in agriculture (%)	2.8	1.6	1.7
Employment in agriculture, female (%)	1.5	0.8	0.9
Fertilizers use, nitrogen (1 000 t nutrients)		11 013.7	12 038.7
Fertilizers use, phosphate (1 000 t nutrients)		4 120.8	4 274.9
Fertilizers use, potash (1 000 t nutrients)		4 448.1	4 789.1
Agric. value added per worker (constant USD)	31 003	70 683	83 736
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		3 807	3 757
Average dietary energy supply adequacy (%)		150	147
Dietary energy supply, cereals/roots/tubers (%)		23	24
Prevalence of undernourishment (%)		<2.5	<2.5
Prevalence of severe food insecurity (%)			1.1
GDP per capita (USD, PPP)		49 762	53 399
Cereal import dependency ratio (%)		-30.6	-19.1
Stunting, children under 5 (%)		3.2	
Wasting, children under 5 (%)		0.8	
Safely managed drinking water (% pop. using)		99.0	99.0
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	159 335	188 609	232 334
Agriculture, value added (% GDP)	1	1	1
Food (excl. fish) exports (mill. USD)	41 993	47 386	108 092
Food (excl. fish) imports (mill. USD)	19 321	40 496	81 436
<b>Production indices (2004–06 = 100)</b>			
Food	84	99	122
Crops	80	100	122
Cereals	76	101	130
Vegetable oils	73	101	132
Roots and tubers	100	96	102
Fruit and vegetables	93	99	98
Sugar	89	91	108
Livestock	89	100	110
Milk	88	100	120
Meat	89	100	106
Fish	103	99	98
<b>Net trade (mill. USD)</b>			
Cereals and preparations	14 235	9 601	13 685
Fruit and vegetables	-47	-4 646	-11 383
Meat and meat preparations	4 184	735	7 562
Dairy products (milk equivalent)	-93	-420	1 394
Fish	-3 758	-8 534	-14 734
<b>Environment</b>			
Forest area (% total land area)	33	33	34
Agricultural area (% total land area)	46	45	44
Freshwater withdrawal (% tot renewable)		15.6	
Terrestrial protected areas (% total land area)			13
Organic area (ha)		1 641	2 031
Wood pellet production (1 000 t)			6 393
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	352 348	348 458	359 950
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-316 310	-334 988	-40 620



# Uruguay

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	3.2	3.3	3.5
Rural population, total (mill.)	0.3	0.2	0.2
Govt. expenditure on agric. (% total outlays)		2.3	
Area harvested, crops (mill. ha)	0.8	1.0	2.0
Cropping intensity ratio	0.6	0.7	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	52 644	51 557	50 000
Land area equipped for irrigation (1 000 ha)	160	218	238
Agric. area actually irrigated (% agric. area)		1.1	1.5
Employment in agriculture (%)	4.8	5.7	8.2
Employment in agriculture, female (%)	1.5	1.9	3.9
Fertilizers use, nitrogen (1 000 t nutrients)		73.9	156.6
Fertilizers use, phosphate (1 000 t nutrients)		119.2	146.0
Fertilizers use, potash (1 000 t nutrients)		2.6	43.7
Agric. value added per worker (constant USD)	38 596	37 188	25 383
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 821	3 206
Average dietary energy supply adequacy (%)		118	133
Dietary energy supply, cereals/roots/tubers (%)		42	39
Prevalence of undernourishment (%)		4.3	<2.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		12 976	20 094
Cereal import dependency ratio (%)		-94.0	-153.1
Stunting, children under 5 (%)		13.9	
Wasting, children under 5 (%)		3.0	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	2 271	3 256	3 735
Agriculture, value added (% GDP)	7	9	6
Food (excl. fish) exports (mill. USD)	822	1 653	4 194
Food (excl. fish) imports (mill. USD)	208	201	735
<b>Production indices (2004–06 = 100)</b>			
Food	71	102	117
Crops	64	98	156
Cereals	69	93	133
Vegetable oils	36	103	269
Roots and tubers	77	106	72
Fruit and vegetables	81	103	81
Sugar	129	110	234
Livestock	78	103	101
Milk	77	104	123
Meat	73	104	95
Fish	99	99	40
<b>Net trade (mill. USD)</b>			
Cereals and preparations	221	279	574
Fruit and vegetables	14	42	-52
Meat and meat preparations	272	817	1 531
Dairy products (milk equivalent)	102	241	539
Fish	88	120	51
<b>Environment</b>			
Forest area (% total land area)	6	9	11
Agricultural area (% total land area)	85	85	83
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			4
Organic area (ha)		759	1 657
Wood pellet production (1 000 t)			0
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	23 232	24 611	24 159
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-25 529	-13 791	-10 496

# Uzbekistan

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	22.9	26.5	31.9
Rural population, total (mill.)	14.1	16.5	19.3
Govt. expenditure on agric. (% total outlays)			15.6
Area harvested, crops (mill. ha)	3.7	3.6	3.9
Cropping intensity ratio	0.8	0.8	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	2 082	1 838	1 554
Land area equipped for irrigation (1 000 ha)	4 252	4 198	4 215
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	37.5	34.7	21.9
Employment in agriculture, female (%)	43.3	39.9	26.2
Fertilizers use, nitrogen (1 000 t nutrients)		540.0	721.3
Fertilizers use, phosphate (1 000 t nutrients)		145.0	225.8
Fertilizers use, potash (1 000 t nutrients)		30.0	76.8
Agric. value added per worker (constant USD)	1 153	1 513	3 439
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 471	2 730
Average dietary energy supply adequacy (%)		105	115
Dietary energy supply, cereals/roots/tubers (%)		60	55
Prevalence of undernourishment (%)		14.5	7.4
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		3 069	6 039
Cereal import dependency ratio (%)		5.8	22.2
Stunting, children under 5 (%)		19.6	
Wasting, children under 5 (%)		4.5	
Safely managed drinking water (% pop. using)		51.6	
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	4 857	6 293	10 095
Agriculture, value added (% GDP)	28	26	17
Food (excl. fish) exports (mill. USD)	108	295	509
Food (excl. fish) imports (mill. USD)	708	327	1 052
<b>Production indices (2004–06 = 100)</b>			
Food	76	98	157
Crops	80	100	167
Cereals	51	102	123
Vegetable oils	107	103	93
Roots and tubers	44	97	318
Fruit and vegetables	67	94	270
Sugar			
Livestock	83	100	134
Milk	89	101	91
Meat	80	99	157
Fish	219	106	1 037
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-272	-86	-432
Fruit and vegetables	66	260	447
Meat and meat preparations	-256	-20	-17
Dairy products (milk equivalent)	-15	-18	-22
Fish	0	-2	-5
<b>Environment</b>			
Forest area (% total land area)	7	8	8
Agricultural area (% total land area)	65	63	63
Freshwater withdrawal (% tot renewable)	110.0	100.6	
Terrestrial protected areas (% total land area)			3
Organic area (ha)		2	0
Wood pellet production (1 000 t)			0
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	15 179	14 503	30 559
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-2 238	-2 567	-16 407

# Vanuatu

	1995	2005	2016
<b>The setting</b>			
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)		2.7	
Area harvested, crops (mill. ha)	0.1	0.1	0.1
Cropping intensity ratio	0.7	0.8	0.8
Total renewable water resources per cap. (m <sup>3</sup> )	57 143	45 455	36 982
Land area equipped for irrigation (1 000 ha)			
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	61.8	64.2	62.6
Employment in agriculture, female (%)	63.5	65.7	64.2
Fertilizers use, nitrogen (1 000 t nutrients)			
Fertilizers use, phosphate (1 000 t nutrients)			
Fertilizers use, potash (1 000 t nutrients)			
Agric. value added per worker (constant USD)	2 417	2 374	2 508
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 775	2 810
Average dietary energy supply adequacy (%)		128	128
Dietary energy supply, cereals/roots/tubers (%)		50	46
Prevalence of undernourishment (%)		7.0	7.1
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		2 610	2 857
Cereal import dependency ratio (%)		97.1	96.1
Stunting, children under 5 (%)		25.9	28.5
Wasting, children under 5 (%)		5.9	4.4
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	61	60	75
Agriculture, value added (% GDP)	29	22	25
Food (excl. fish) exports (mill. USD)	17	13	19
Food (excl. fish) imports (mill. USD)	13	20	52
<b>Production indices (2004–06 = 100)</b>			
Food	102	100	124
Crops	99	100	128
Cereals	91	103	121
Vegetable oils	107	100	133
Roots and tubers	73	100	119
Fruit and vegetables	81	101	110
Sugar			
Livestock	109	102	111
Milk	100	104	111
Meat	110	102	111
Fish	26	104	20
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-5	-11	-24
Fruit and vegetables	0	-2	-4
Meat and meat preparations	2	0	-8
Dairy products (milk equivalent)	-1	-1	-4
Fish	58	82	66
<b>Environment</b>			
Forest area (% total land area)	36	36	36
Agricultural area (% total land area)	14	15	15
Freshwater withdrawal (% tot renewable)			
Terrestrial protected areas (% total land area)			4
Organic area (ha)		9	12
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	355	343	429
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-25	-13	-14

## Venezuela (Bolivarian Republic of)

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	22.2	26.8	32.0
Rural population, total (mill.)	3.0	3.1	3.5
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	1.7	2.0	1.3
Cropping intensity ratio	0.5	0.6	0.4
Total renewable water resources per cap. (m <sup>3</sup> )	57 339	47 884	41 973
Land area equipped for irrigation (1 000 ha)	530	950	1 055
Agric. area actually irrigated (% agric. area)		3.2	
Employment in agriculture (%)	13.5	9.8	9.8
Employment in agriculture, female (%)	1.9	2.0	4.3
Fertilizers use, nitrogen (1 000 t nutrients)		268.9	234.3
Fertilizers use, phosphate (1 000 t nutrients)		83.5	126.0
Fertilizers use, potash (1 000 t nutrients)		90.3	135.1
Agric. value added per worker (constant USD)	13 904	18 808	19 482
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 499	2 454
Average dietary energy supply adequacy (%)		108	105
Dietary energy supply, cereals/roots/tubers (%)		41	39
Prevalence of undernourishment (%)		10.5	11.7
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		14 948	16 745
Cereal import dependency ratio (%)		37.7	61.8
Stunting, children under 5 (%)		16.2	
Wasting, children under 5 (%)		4.8	
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	4 288	5 620	5 916
Agriculture, value added (% GDP)	6	4	5
Food (excl. fish) exports (mill. USD)	273	245	44
Food (excl. fish) imports (mill. USD)	1 237	1 797	2 993
<b>Production indices (2004–06 = 100)</b>			
Food	78	102	108
Crops	83	103	78
Cereals	66	95	42
Vegetable oils	65	110	42
Roots and tubers	73	101	86
Fruit and vegetables	96	106	117
Sugar	66	104	36
Livestock	77	100	130
Milk	106	101	138
Meat	72	100	130
Fish	112	93	68
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-333	-440	-1 081
Fruit and vegetables	-129	-172	-83
Meat and meat preparations	3	-175	-515
Dairy products (milk equivalent)	-159	-164	-396
Fish	45	96	22
<b>Environment</b>			
Forest area (% total land area)	57	54	53
Agricultural area (% total land area)	25	24	24
Freshwater withdrawal (% tot renewable)		1.7	
Terrestrial protected areas (% total land area)			54
Organic area (ha)		2	0
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	29 215	34 965	33 998
Net emissions in land use (CO <sub>2</sub> eq. Gg)	112 761	115 958	67 448

## Viet Nam

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	75.2	84.3	95.5
Rural population, total (mill.)	59.2	61.8	61.8
Govt. expenditure on agric. (% total outlays)		1.6	3.4
Area harvested, crops (mill. ha)	10.4	12.8	14.3
Cropping intensity ratio	1.5	1.4	1.2
Total renewable water resources per cap. (m <sup>3</sup> )	11 414	10 308	9 349
Land area equipped for irrigation (1 000 ha)	3 000	4 585	4 600
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	70.6	54.6	41.9
Employment in agriculture, female (%)	71.1	56.7	43.5
Fertilizers use, nitrogen (1 000 t nutrients)		1 047.2	1 767.9
Fertilizers use, phosphate (1 000 t nutrients)		552.9	783.1
Fertilizers use, potash (1 000 t nutrients)		258.1	456.7
Agric. value added per worker (constant USD)	471	731	1 080
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 476	2 828
Average dietary energy supply adequacy (%)		108	123
Dietary energy supply, cereals/roots/tubers (%)		64	57
Prevalence of undernourishment (%)		18.2	10.8
Prevalence of severe food insecurity (%)			2.3
GDP per capita (USD, PPP)		3 406	5 838
Cereal import dependency ratio (%)		-13.1	-12.6
Stunting, children under 5 (%)		33.2	24.6
Wasting, children under 5 (%)		10.7	6.4
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	12 721	20 628	28 025
Agriculture, value added (% GDP)	27	19	16
Food (excl. fish) exports (mill. USD)	805	2 402	7 520
Food (excl. fish) imports (mill. USD)	453	1 131	17 503
<b>Production indices (2004–06 = 100)</b>			
Food	62	100	136
Crops	60	99	135
Cereals	68	100	122
Vegetable oils	78	105	101
Roots and tubers	46	99	148
Fruit and vegetables	66	100	157
Sugar	68	95	103
Livestock	50	101	151
Milk	54	105	365
Meat	49	101	145
Fish	43	100	188
<b>Net trade (mill. USD)</b>			
Cereals and preparations	393	1 064	-953
Fruit and vegetables	51	589	-2 660
Meat and meat preparations	11	-15	-3 589
Dairy products (milk equivalent)	-75	-251	-514
Fish	509	2 488	5 997
<b>Environment</b>			
Forest area (% total land area)	32	42	48
Agricultural area (% total land area)	22	32	39
Freshwater withdrawal (% tot renewable)		9.3	
Terrestrial protected areas (% total land area)			8
Organic area (ha)		7	54
Wood pellet production (1 000 t)			1 350
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	48 747	58 706	65 622
Net emissions in land use (CO <sub>2</sub> eq. Gg)	-44 756	-16 872	-18 836

# Yemen

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	15.3	20.6	28.3
Rural population, total (mill.)	11.4	14.3	17.1
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	1.0	1.1	1.1
Cropping intensity ratio	0.6	0.7	0.7
Total renewable water resources per cap. (m <sup>3</sup> )	128	97	76
Land area equipped for irrigation (1 000 ha)	485	680	680
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	55.4	30.1	36.0
Employment in agriculture, female (%)	88.1	40.0	57.2
Fertilizers use, nitrogen (1 000 t nutrients)		3.9	18.2
Fertilizers use, phosphate (1 000 t nutrients)		0.9	1.4
Fertilizers use, potash (1 000 t nutrients)		0.1	0.8
Agric. value added per worker (constant USD)	844	1 740	555
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 095	2 069
Average dietary energy supply adequacy (%)		99	95
Dietary energy supply, cereals/roots/tubers (%)		61	63
Prevalence of undernourishment (%)		30.1	34.4
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		4 155	1 479
Cereal import dependency ratio (%)		84.4	95.3
Stunting, children under 5 (%)		57.7	46.5
Wasting, children under 5 (%)		15.2	16.3
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	832	1 251	1 809
Agriculture, value added (% GDP)	17	9	15
Food (excl. fish) exports (mill. USD)	26	81	60
Food (excl. fish) imports (mill. USD)	750	1 192	2 398
<b>Production indices (2004–06 = 100)</b>			
Food	65	98	142
Crops	68	97	129
Cereals	131	90	129
Vegetable oils	68	96	129
Roots and tubers	87	102	139
Fruit and vegetables	56	98	128
Sugar			
Livestock	62	99	158
Milk	71	100	115
Meat	62	99	170
Fish	45	99	64
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-331	-482	-1 188
Fruit and vegetables	-31	-47	-126
Meat and meat preparations	-38	-121	-119
Dairy products (milk equivalent)	-64	-132	-160
Fish	15	119	94
<b>Environment</b>			
Forest area (% total land area)	1	1	1
Agricultural area (% total land area)	45	45	45
Freshwater withdrawal (% tot renewable)		168.6	
Terrestrial protected areas (% total land area)			1
Organic area (ha)			
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	4 347	6 176	7 689
Net emissions in land use (CO <sub>2</sub> eq. Gg)	0	0	0

# Zambia

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	9.1	12.1	17.1
Rural population, total (mill.)	5.6	7.3	9.6
Govt. expenditure on agric. (% total outlays)		4.5	10.3
Area harvested, crops (mill. ha)	1.1	1.2	2.4
Cropping intensity ratio	0.4	0.5	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	10 733	8 227	6 317
Land area equipped for irrigation (1 000 ha)	79	156	156
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	71.4	72.8	53.3
Employment in agriculture, female (%)	79.0	80.6	62.9
Fertilizers use, nitrogen (1 000 t nutrients)		51.6	279.6
Fertilizers use, phosphate (1 000 t nutrients)		4.8	31.2
Fertilizers use, potash (1 000 t nutrients)		19.9	29.6
Agric. value added per worker (constant USD)	1 016	659	590
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		1 859	2 017
Average dietary energy supply adequacy (%)		88	93
Dietary energy supply, cereals/roots/tubers (%)		74	70
Prevalence of undernourishment (%)		51.1	44.5
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		2 483	3 652
Cereal import dependency ratio (%)		8.9	-21.4
Stunting, children under 5 (%)		45.8	40.0
Wasting, children under 5 (%)		5.6	6.3
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	758	1 025	1 878
Agriculture, value added (% GDP)	14	15	5
Food (excl. fish) exports (mill. USD)	25	151	159
Food (excl. fish) imports (mill. USD)	64	156	275
<b>Production indices (2004–06 = 100)</b>			
Food	73	98	180
Crops	55	99	171
Cereals	64	79	228
Vegetable oils	41	113	183
Roots and tubers	71	101	109
Fruit and vegetables	88	99	127
Sugar	55	97	181
Livestock	81	102	201
Milk	99	102	122
Meat	75	102	237
Fish	107	102	164
<b>Net trade (mill. USD)</b>			
Cereals and preparations	-48	-43	61
Fruit and vegetables	0	4	-48
Meat and meat preparations	0	0	-9
Dairy products (milk equivalent)	-2	-5	-12
Fish	-1	-4	-101
<b>Environment</b>			
Forest area (% total land area)	70	68	65
Agricultural area (% total land area)	29	31	32
Freshwater withdrawal (% tot renewable)	1.5	1.5	
Terrestrial protected areas (% total land area)			38
Organic area (ha)		3	8
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	19 096	21 723	22 649
Net emissions in land use (CO <sub>2</sub> eq. Gg)	365 443	443 369	344 511

# Zimbabwe

	1995	2005	2016
<b>The setting</b>			
Population, total (mill.)	11.3	12.9	16.5
Rural population, total (mill.)	7.9	8.4	10.8
Govt. expenditure on agric. (% total outlays)			
Area harvested, crops (mill. ha)	2.7	3.3	2.6
Cropping intensity ratio	0.8	0.8	0.6
Total renewable water resources per cap. (m <sup>3</sup> )	1 658	1 504	1 238
Land area equipped for irrigation (1 000 ha)	135	174	175
Agric. area actually irrigated (% agric. area)			
Employment in agriculture (%)	59.8	72.6	67.4
Employment in agriculture, female (%)	69.7	80.2	71.8
Fertilizers use, nitrogen (1 000 t nutrients)		48.4	42.6
Fertilizers use, phosphate (1 000 t nutrients)		20.8	29.6
Fertilizers use, potash (1 000 t nutrients)		15.8	19.4
Agric. value added per worker (constant USD)	708	380	274
<b>Hunger dimensions</b>			
Average dietary energy supply (kcal/cap/day)		2 023	1 952
Average dietary energy supply adequacy (%)		91	87
Dietary energy supply, cereals/roots/tubers (%)		59	58
Prevalence of undernourishment (%)		42.2	46.6
Prevalence of severe food insecurity (%)			
GDP per capita (USD, PPP)		1 663	1 880
Cereal import dependency ratio (%)		28.7	42.5
Stunting, children under 5 (%)		35.8	26.8
Wasting, children under 5 (%)		7.3	3.2
Safely managed drinking water (% pop. using)			
<b>Food supply</b>			
Food production value, net (2004–06 mill. I\$)	902	1 205	1 197
Agriculture, value added (% GDP)	13	11	10
Food (excl. fish) exports (mill. USD)	258	131	103
Food (excl. fish) imports (mill. USD)	103	139	887
<b>Production indices (2004–06 = 100)</b>			
Food	67	89	89
Crops	85	87	96
Cereals	42	68	42
Vegetable oils	75	81	84
Roots and tubers	74	100	127
Fruit and vegetables	77	100	121
Sugar	100	93	92
Livestock	72	100	106
Milk	89	98	108
Meat	67	100	106
Fish	126	98	196
<b>Net trade (mill. USD)</b>			
Cereals and preparations	21	-49	-570
Fruit and vegetables	25	34	-15
Meat and meat preparations	24	6	-9
Dairy products (milk equivalent)	10	0	-8
Fish	-14	-1	-17
<b>Environment</b>			
Forest area (% total land area)	53	45	36
Agricultural area (% total land area)	36	42	42
Freshwater withdrawal (% tot renewable)		17.9	
Terrestrial protected areas (% total land area)			27
Organic area (ha)		0	3
Wood pellet production (1 000 t)			
Emissions in agriculture (CO <sub>2</sub> eq. Gg)	9 459	10 182	11 273
Net emissions in land use (CO <sub>2</sub> eq. Gg)	37 853	37 867	36 111



# Definitions

## **Agricultural land**

Land used for cultivation of crops and animal husbandry. 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 primary renewable and secondary 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 primary and secondary 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 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 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)**

Value added per worker is a measure of labour productivity in agricultural sector - value added per unit of input. Value added per worker is calculated by dividing 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

## **Aid commitment flows to agriculture, forestry and fishing**

The DAC uses a sector classification specifically developed to track aid flows and to permit measuring the share of each sector (e.g. health, energy, agriculture) or other purpose category "non-sector allocable aid" (e.g. general budget support, humanitarian aid) in total aid. The sector of destination is assigned by answering the question "Which specific area of the recipient's economic and social structure is the transfer intended to foster?".

Source: OECD  
Owner: OECD

### **Anaemia among women of reproductive age, prevalence**

Prevalence of anaemia among women of reproductive age refers to the combined prevalence of non-pregnant women with haemoglobin levels below 12 g/dL and pregnant women with haemoglobin levels below 11 g/dL.

Source: World Bank

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

### **Animal fats**

Include 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 licences, are the harvest of fisheries. In the case of capture-based aquaculture, only the incremental growth (or weight gain) in captivity, could and should be reported as the production from aquaculture. Data included here cover aquaculture production of fish, molluscs, crustaceans and miscellaneous aquatic animals but exclude 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**

Refer 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. Net area differs from 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 flow (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 (cereal imports - cereal exports)/(cereal production + cereal imports - cereal exports) \* 100. Given this formula the indicator assumes only values <= 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**

Include 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)**

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**

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**

Refers to group Milk equivalent including: 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)**

Contains all the emissions produced in the different agricultural emissions subdomains, providing a picture of the contribution to the total amount of GHG emissions from agriculture. GHG emissions from agriculture consist of non-CO<sub>2</sub> gases, namely methane (CH<sub>4</sub>) and nitrous oxide (N<sub>2</sub>O), produced by crop and livestock production and management activities. Land use includes CO<sub>2</sub> emissions by sources and removals by sinks from forest land, cropland and grassland, as well as emissions of non-CO<sub>2</sub> from fires of biomass and organic soils.

*Source:* FAO, Statistics Division and Global Forest Resources Assessments

*Owner:* FAO

**Emissions in agriculture**

Emissions in agriculture contains 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-CO<sub>2</sub> gases, namely methane (CH<sub>4</sub>) and nitrous oxide (N<sub>2</sub>O), 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**

Land Use Total contains 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 CO<sub>2</sub> (carbon dioxide), CH<sub>4</sub> (methane) and N<sub>2</sub>O (nitrous oxide) associated with land management activities. CO<sub>2</sub> 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. CH<sub>4</sub> and N<sub>2</sub>O, and additional CO<sub>2</sub> 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 (CO<sub>2</sub>eq) 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)**

Information on people of working age (15–64) who, during a specified brief period, were classified in the following categories: (i) paid employment (whether at work or with a job but not at work); (ii) self-employment (whether at work or with an enterprise but not at work). Data are disaggregated by economic activity according to the latest version of the International Standard Industrial Classification of All Economic Activities

(ISIC) available for that year. The economic activity is the main activity of the establishment in which a person worked during the reference period. It does not depend on the specific duties or functions implied by the job; it rather depends on the characteristics of the economic unit in which this person works.

*Source:* ILO

*Owner:* ILO

#### **Export value**

Export values are reported as FOB (free on board – that is, 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**

Collected through individual countries in product weight through the new FAO Questionnaire on Agricultural Resources – Fertilizers, and then converted to nutrients and validated for consistency regarding summary totals of production, import, export, non-fertilizer use and consumption for the three types of fertilizers: nitrogen (N), phosphate ( $P_2O_5$ ), potash ( $K_2O$ ) and including complex fertilizers (NP, PK, NK and NPK). Fertilizers may be organic, inorganic or mineral. Organic fertilizers play an important role in crop production and are derived from animals, plants and compost. Mineral fertilizers are available to farmers in solid or liquid form, and are delivered to the farm either in bulk, in bags or in pressurized containers. All fertilizers contain at least one of the major plant nutrients: nitrogen (N), phosphorus (P) or potassium (K).

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

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

*Owner:* FAO

#### **Food**

Food comprises the commodities in 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 (net)**

Value of net production has been compiled by multiplying net production in physical terms by output prices at the farm gate. Thus, value of production measures production in monetary terms at the farm gate level. Intermediate uses within the agricultural sector (seed and feed) have been subtracted from production data to calculate net 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**

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 industrial roundwood, coniferous (production); Other industrial roundwood, non-coniferous (production); Other paper and paperboard; Particle board and OSB; Plywood; Printing and writing papers; Pulp from fibres other than wood; Pulpwood and particles, coniferous (production, 1961–97); Pulpwood and particles, non-coniferous (production, 1961–97); 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, 2001 (GFSM 2001). Statistics on expenditure in AFF are used to compile an 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 – that is, 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**

Value indices represent 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 primary renewable and secondary 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**

Inflation rate for any month refers to the percentage change in the Index number for the month as compared to the Index number 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

#### **Total renew. water resources**

Total renew. 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 under permanent crops.

*Source:* FAO, Statistics Division

*Owner:* FAO

#### **Land under permanent meadows and pastures**

Land used permanently (five years or more) to grow herbaceous forage crops through cultivation or naturally (wild prairie or grazing land). 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:* UNPD World Population Prospects 2010

#### **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**

Multilateral flows are channelled via an international organization active in development (e.g. World Bank, UNDP). Commitments of aid are reported as the sum of (i) any disbursements in the year reported on which have not previously been notified as commitments and (ii) expected disbursements in the following year.

*Source:* OECD

*Owner:* OECD

#### **Net emissions/removal from forest land**

Net CO<sub>2</sub> 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 1, 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/removal**

Annual net CO<sub>2</sub> emission/removal 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 - 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

#### **Organic area**

Sum of areas under "Agricultural area certified organic" and "Agricultural area in conversion to organic". Agricultural 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. Agricultural 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

#### **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

#### **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**

Refer to 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 (that is, it is 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, World Urbanization Prospects – the 2014 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, World Population Prospects – the 2017 Revision

### **Population, urban**

De facto population living in areas classified as rural (that is, it is 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, World Urbanization Prospects – the 2014 Revision

### **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**

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. It should be noted that when calculating indices of agricultural, food and non-food production, all intermediate primary inputs of agricultural origin are deducted.

*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

#### **Rail lines density**

Rail lines density corresponds to the ratio between the length of railway route available for train services, irrespective of the number of parallel tracks (rail lines, total route in km) with the area of the country.

*Source:* FAO, Statistics Division

*Owner:* World Bank

#### **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**

Total renewable water resources 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

#### **Safely managed drinking water services (% of population using)**

The percentage of people using drinking water from an improved source that is accessible on premises, available when needed and free from faecal and priority chemical contamination. 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)

### **Sanitation services, at least basic**

The percentage of people using at least basic sanitation services, that is, improved sanitation facilities that are not shared with other households. This indicator encompasses people using basic sanitation services as well as those using safely managed sanitation services. Improved sanitation facilities include flush/pour flush to piped sewer systems, septic tanks or pit latrines, ventilated improved pit latrines, composting toilets or pit latrines with slabs.

*Source:* World Bank

*Owner:* World Bank

### **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

### **Severe food insecurity, prevalence**

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 HFIAS, the EBIA, the ELCSA, etc.). 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 lack of money or other resources. It is an indicator of lack of food access.

*Source:* FAO, Statistics Division

*Owner:* FAO

### **Severely food insecure people, number**

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 Environmental Program 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

#### **Undernourishment, prevalence**

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

#### **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

#### **Wasting, children under 5 years of age**

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

*Source:* World Bank

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

#### **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.

*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

Good decisions are based on accurate information. Since its foundation, FAO is at the forefront of providing internationally comparable, sound and timely data on world agriculture and food security. This pocketbook offers easy access to the most important FAOSTAT data, at a glance.

To access and download complete data and documentation, check the FAOSTAT website, available in Arabic, Chinese, English, French, Russian and Spanish.

[www.fao.org/faostat/](http://www.fao.org/faostat/)

ISBN 978-92-5-131012-0



9 789251 310120

CA1796EN/2/02.19