

PART

1

The Setting

Introduction

More than 3 billion people – almost half of the world’s population – live in rural areas. Roughly 2.5 billion of these rural people derive their livelihoods from agriculture. For many economies, especially those of developing countries, agriculture can be an important engine of economic growth. Approximately three-quarters of the world’s agricultural value added is generated in developing countries, and in many of these, the agriculture sector contributes as much as 30 percent to gross domestic product (GDP). According to the World Bank, 1 percent growth in GDP from agriculture increases the expenditures of the three poorest deciles by at least 2.5 times as much as 1 percent growth from the rest of the economy. Agriculture can also provide an important haven against global economic and financial turmoil, often more effectively than other sectors.

A look back through history reveals that growth in agriculture has tended to be followed by wider economic development. From the industrial revolution that began in the United Kingdom of Great Britain

and Northern Ireland in the eighteenth century and spread to other now developed countries, through to more recent examples in China or Viet Nam, growth in agriculture has always been the precursor to the rise of industry and services.

In many poor developing countries, primary activities such as agriculture still constitute the backbone of the economy. However, the sector often faces many challenges. A profound and prolonged lack of investment in agriculture is evident in many countries. Notably, infrastructure is missing or weak in rural areas, agricultural productivity is stagnant, and lack of opportunities for income diversification combines with poorly functioning markets to undermine economic growth. There is often a gender divide. Although women make significant contributions to the rural economy, they often have less access to productive resources than men, and families often rely on children's work for survival.

Downward trends in the global economy are slowly turning, with improved accessibility to financial resources. Agriculture is reaping the benefits of technological innovation, and there is also a growing recognition among governments and donor agencies that agriculture must be the mainstay of any development agenda and of policies promoting economic growth. The reaffirmation of the sector's role in development and growth provides fresh impetus for fostering investments that raise productivity and incomes in agriculture.

Within this context, FAO – together with international partners – is promoting the Global Strategy to Improve Agricultural and Rural Statistics. This multi-year, collaborative project builds capacity in developing countries to produce and use agricultural and rural statistics for more effective food security, sustainable agricultural and rural development policies, and helps ensure that information is available to farmers and policy-makers when and where they need it.

Key Resources

The State of Food and Agriculture

The State of Food and Agriculture, FAO's major annual flagship publication, aims at bringing to a wider audience balanced science-based assessments of important issues in the field of food and agriculture. Each edition of the report contains a comprehensive, yet easily accessible, overview of a selected topic of major relevance for rural and agricultural development and for global food security. This is supplemented by a synthetic overview of the current global agricultural situation.

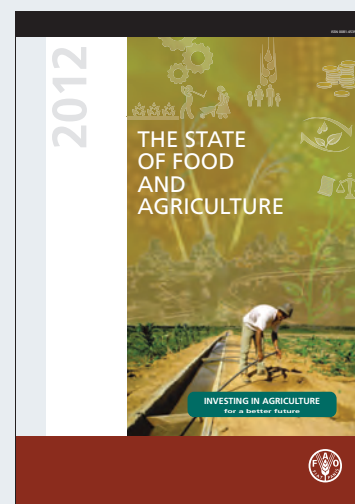
2012: Investing in agriculture for a better future

2010-11: Women in Agriculture, Closing the gender gap for development

2009: Livestock in the balance

Publication cycle: Annual

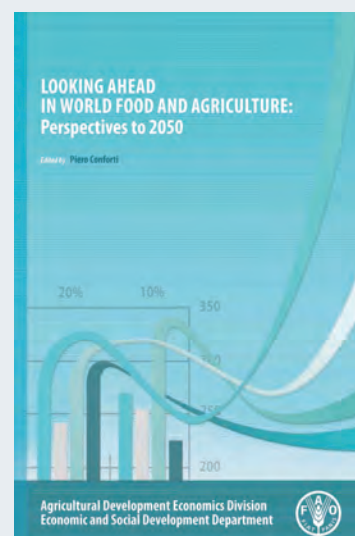
Webpage: www.fao.org/publications/sofa



Looking Ahead in World Food and Agriculture

How will the world feed itself in 2050? This volume, which is a compilation of papers authored by world-class experts, addresses this very question. Agricultural and food demand is expected to slow over the next decades, following slowing population growth and rising incomes. However, population will still grow considerably in the coming decades, and require world agricultural production to increase substantially by 2050. Other areas explored in the volume are natural resources – notably land and water – as well as capital, investment and technology.

Webpage: www.fao.org/economic/esa/esag/en/



Overview

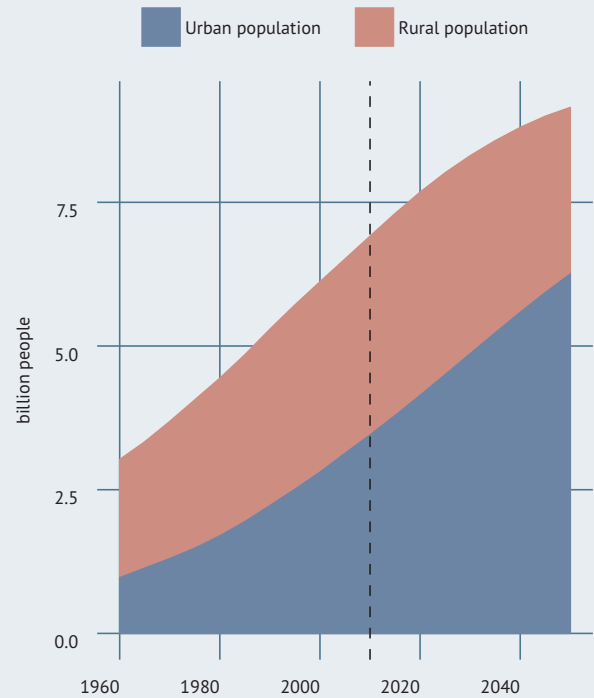
Although demographic growth rates have been slowing since the late 1970s, the world's population has doubled since then – to approximately 7 billion people – and is projected to increase considerably over the coming decades. In many developing countries, a combination of declining mortality rates, prolonged life expectancy and age structures characterized by youth and high fertility suggests that considerable population increases are likely to continue until the end of the twenty-first century.

The agricultural population is defined as all people depending on agriculture, forestry, fishing and hunting for their livelihoods. It comprises all the people economically active in agriculture and their non-working dependants, but the agricultural population does not necessarily live exclusively in rural areas. More than a third of the world's population relies on agriculture for its livelihood, with the largest portion being in Asia.

The trajectory of the world's future population rests heavily on assumptions about fertility rates. If rates in high-fertility countries continue to grow as projected, there will be an additional 2 billion people by 2050, with a much larger proportion living in urban settings. This situation emphasizes the importance of empowering women through education, expanded economic opportunities and access to finance and family planning, especially in the poorest countries where population growth rates are currently the fastest.

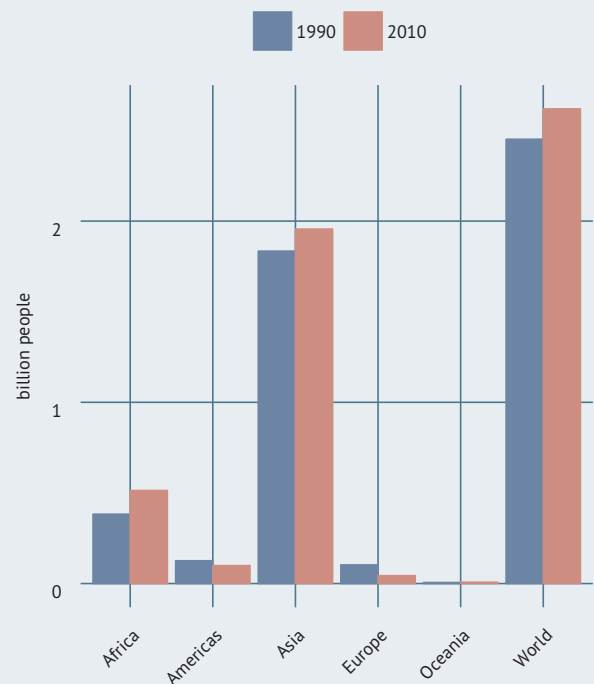
Worldwide, people can expect to live longer than ever before. In the past decade, average global life expectancy has risen by three years, to 70 years. In all countries, the wealthy generally live longer than the poor, and in most populations women usually outlive men. Many African countries, including several that have suffered from war in recent years, have increased their populations' life expectancy considerably. Improved access to clean water, better nutrition, living and working conditions, and greater access to health services can account for increases in life expectancy. These factors have also led to declines in mortality rates, with world averages for under-five mortality dropping significantly.

CHART 1: World rural and urban population (1960-2050)



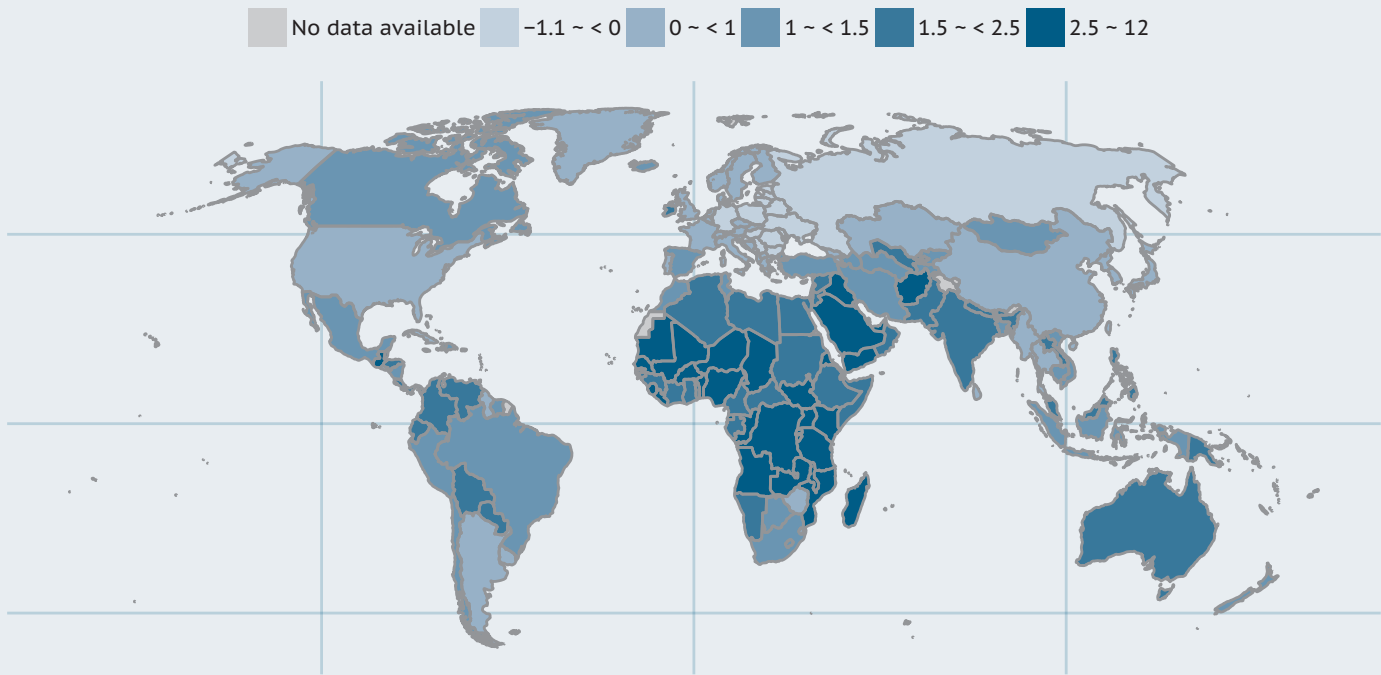
Source: United Nations Population Division. Data after 2011 are projections.

CHART 2: Agricultural population (1990 and 2010)



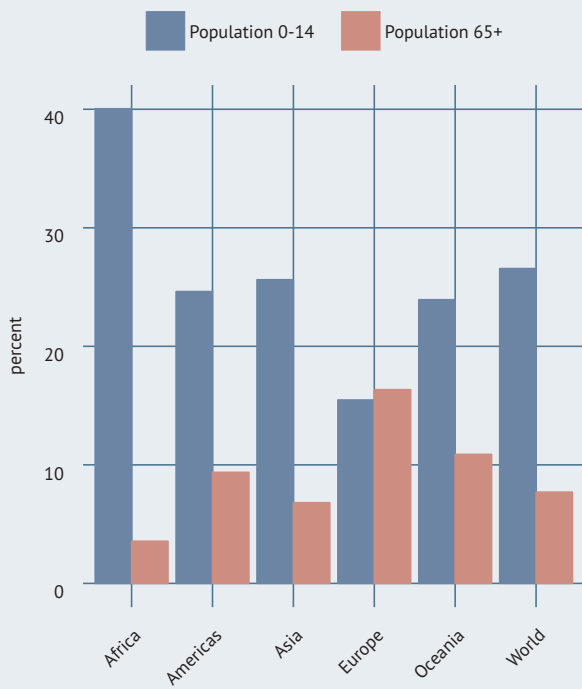
Source: FAO, Statistics Division (FAOSTAT).

MAP 1: World population annual growth (percent, 2000-2011)



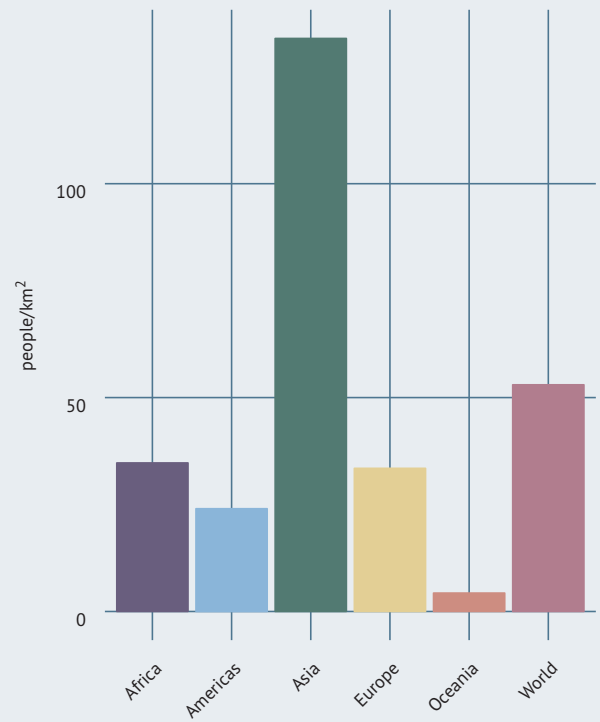
Source: World Bank (WDI).

CHART 3: Population ages 0-14 and 65+, share of total (2011)



Source: World Bank (WDI).

CHART 4: Population density (2010)



Source: World Bank (WDI).

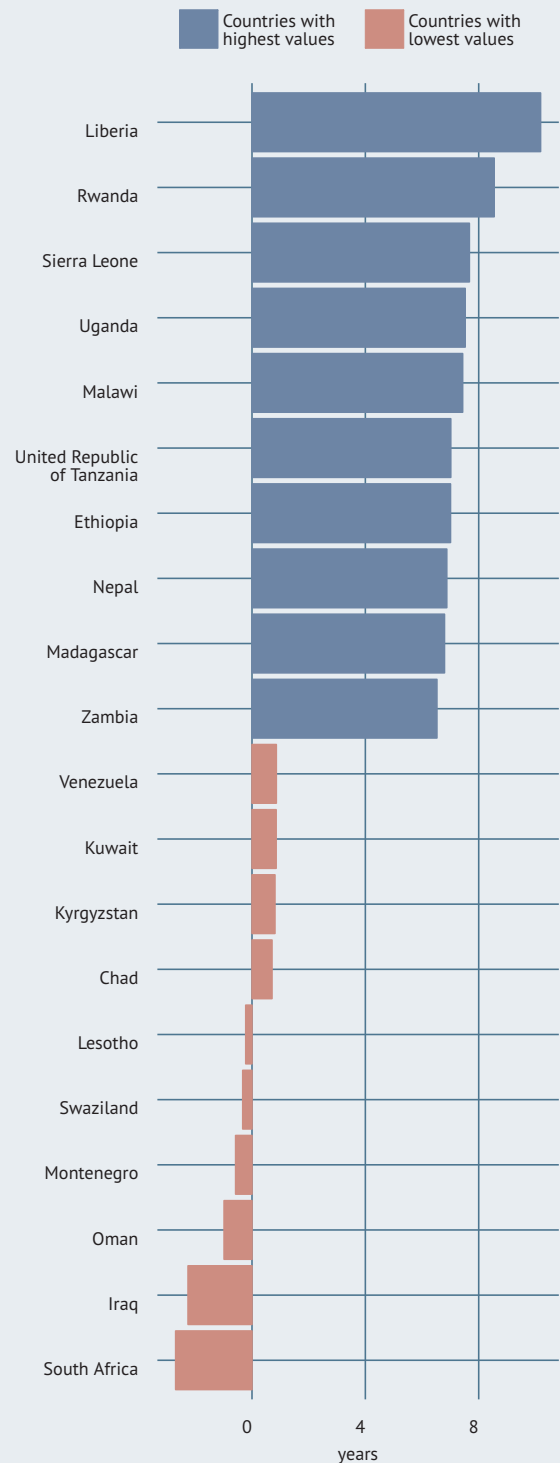
The world's population is ageing. Today, roughly 27 percent of people worldwide are below the age of 15, and approximately 8 percent are 65 years or older. Two decades ago, these statistics stood at 33 and 6 percent, respectively. This ageing profile is being shaped by rising longevity twinned with low fertility rates in the more developed countries.

Unprecedented change has also occurred in where people reside. In 2008 – for the first time – the world's urban population became larger than its rural population. Now, about 52 percent of the world's population lives in cities. Only part of the increase was caused by growing rural-urban migration; other reasons include the transformation of rural settlements into urban areas and, most important, natural growth of urban populations. However, this trend has not occurred in all regions of the world: 61 percent of people in Africa and 55 percent in Asia still live in rural settings.

Allied to rising urbanization is an increase in population densities. In 2010, at the world level, there were an average of 53 people living in every square kilometre. Regional differences are significant. In Asia, for instance, population density stands at 134/km² compared with 29/km² in Latin America and the Caribbean.

As well as birth and death rates, international migration is the only other factor that directly accounts for a country's population growth. Legal immigration from developing to developed countries over the period 1990 to 2010 amounted to 45 million people. Currently, about 214 million people – more than 3 percent of the world's population – live outside their home countries.

CHART 5: Change in life expectancy between 2000-2010 (with data available in 2010)

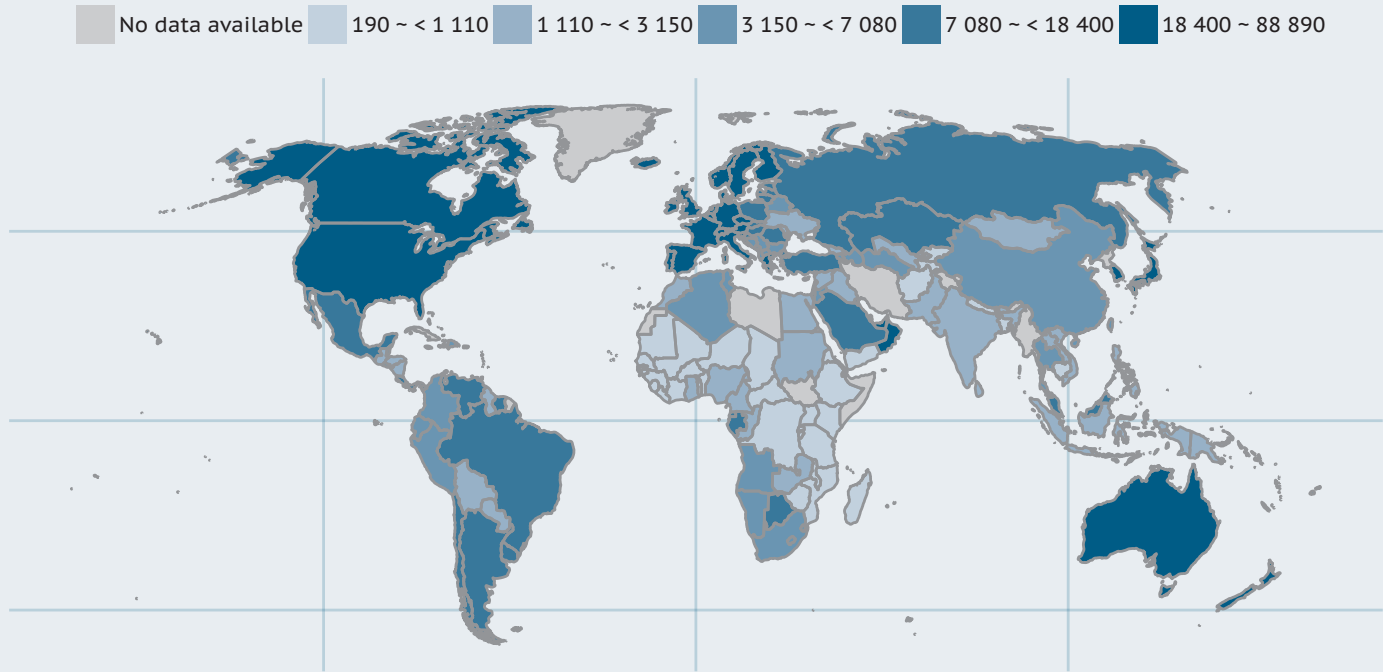


Source: World Bank (WDI).

Further reading

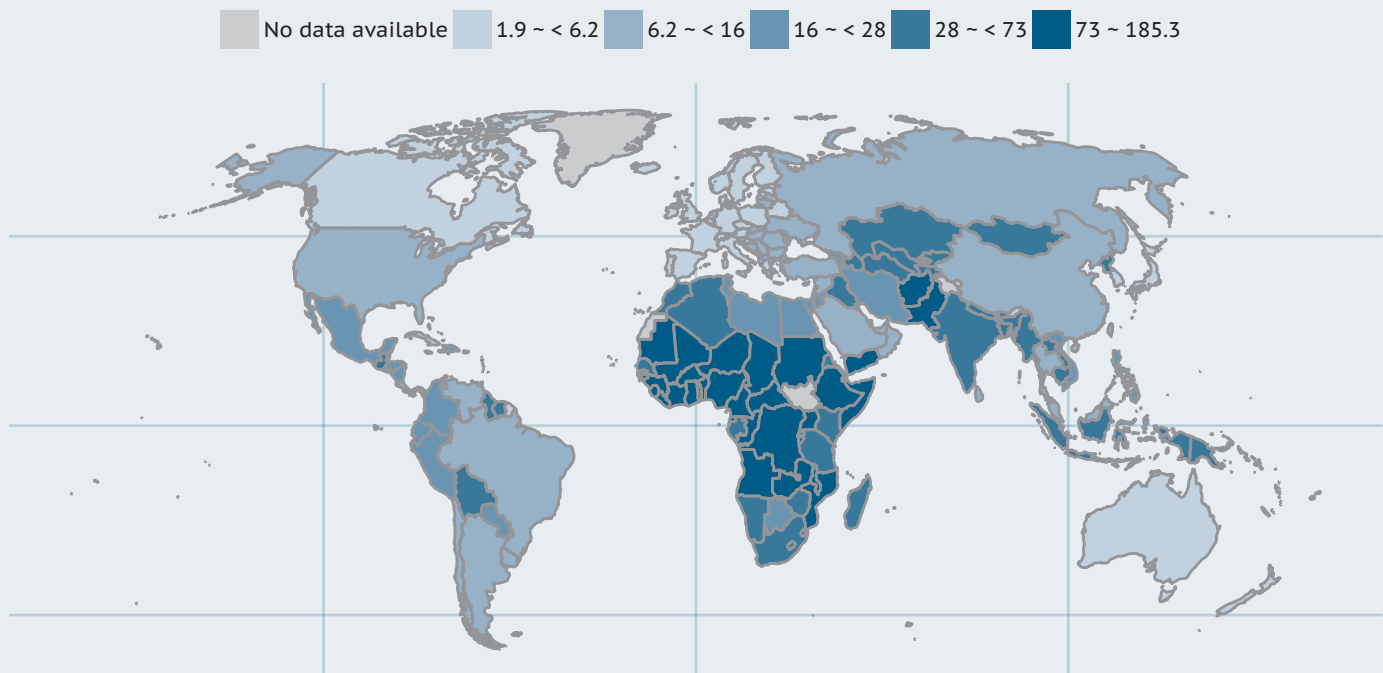
- World Population Prospects: the 2011 revision (www.un.org/esa/population/)
- UN Population Fund (www.unfpa.org/)
- FAO Food and Nutrition Security in Urban Environments (www.fao.org/ag/agn/nutrition/urban_security_en.stm)

MAP 2: GNI per capita, current US\$ (percent, 2010-2011*)



Source: World Bank (WDI).

MAP 3: Under-5 mortality rate (per 1 000 live births, 2010-2011*)



Source: World Bank (WDI).

Economy

Changes in the wider economy and macroeconomic policies continue to affect the performance of the agricultural economy. Although recovery continues, growth in the advanced economies remains too low to reduce unemployment notably. In particular, fiscal consolidation, a financial system that is still weak, and a general feeling of uncertainty have had a negative impact on incomes, and hence demand. This situation, in turn, affects emerging market and developing economies through trade and financial channels, including volatile capital flows. Given the growing integration of the global economy, macroeconomic policies play an increasingly important role in determining the performance of agriculture sectors.

Following the onset of the fastest and deepest slowdown in global economic activity since the great depression of the 1930s, governments around the world have responded with an unprecedented array of stimulus measures that may now be beginning to bear results. However, global current account imbalances still demand decisive policy action. More adjustment in external-deficit economies and more internal demand in external-surplus economies would contribute not only to a safer global economy but also to stronger growth prospects for all. In emerging market and developing economies, although policy-makers are increasingly conscious of the need to rebuild fiscal and monetary policy space, they are sometimes still uncertain regarding how best to calibrate policies in the face of continued external downside risks that can thwart capital flows and have a negative impact on future aid flows.

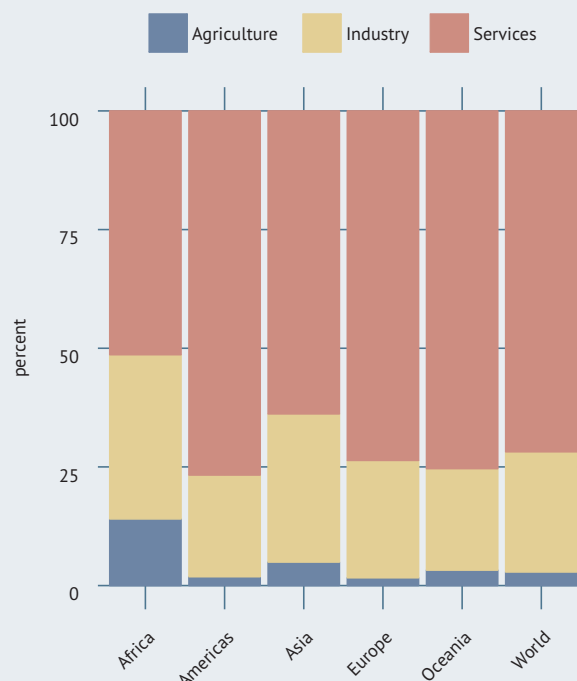
The agriculture sector does not provide a large part of global GDP – which continues to be dominated in all regions by services – but it plays an important role, especially because approximately one-third of the world’s population still obtains its livelihood from agriculture. In addition, while agriculture’s overall contribution to output has declined over the last two decades, agricultural productivity per worker has increased.

Buoyed by very high commodity prices, the agriculture sector has also demonstrated astonishing resilience during global economic turmoil. In 2010, agricultural value added at the world level rose by 4 percent, which can be contrasted to a 1 percent increase in sector-wide GDP. The economic recovery in developing countries has also been facilitated by a large influx of capital flows from developed economies. This is especially true of trade; after a decline in 2009, world merchandise trade has rebounded over recent years. Exporters in developing countries have recorded overall strong performance, as exemplified by Asia’s ability to meet regional demand.

Further reading

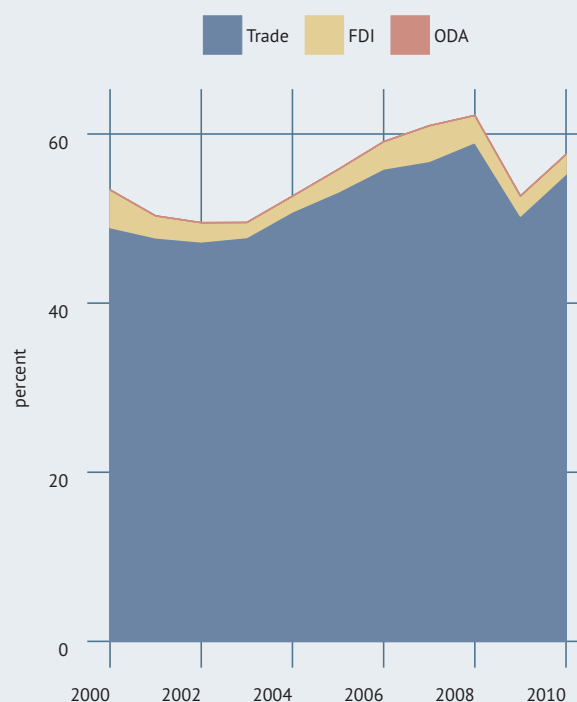
- World Bank: Global Economic Prospects (www.worldbank.org/prospects/)
- International Monetary Fund: World Economic Outlook (www.imf.org/external/index.htm)

CHART 6: Value added in agriculture, industry and services as shares of GDP (2009)



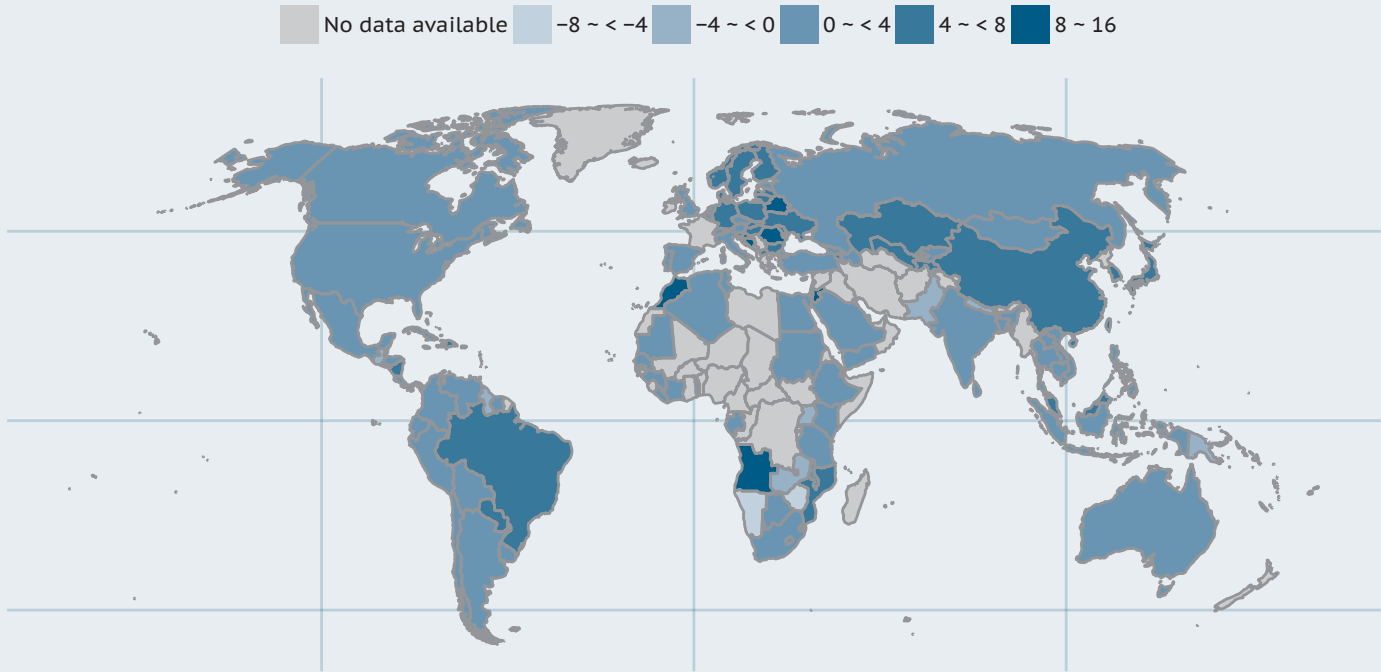
Source: World Bank (WDI).

CHART 7: Trade, FDI and ODA as shares of GDP (2000-2010)



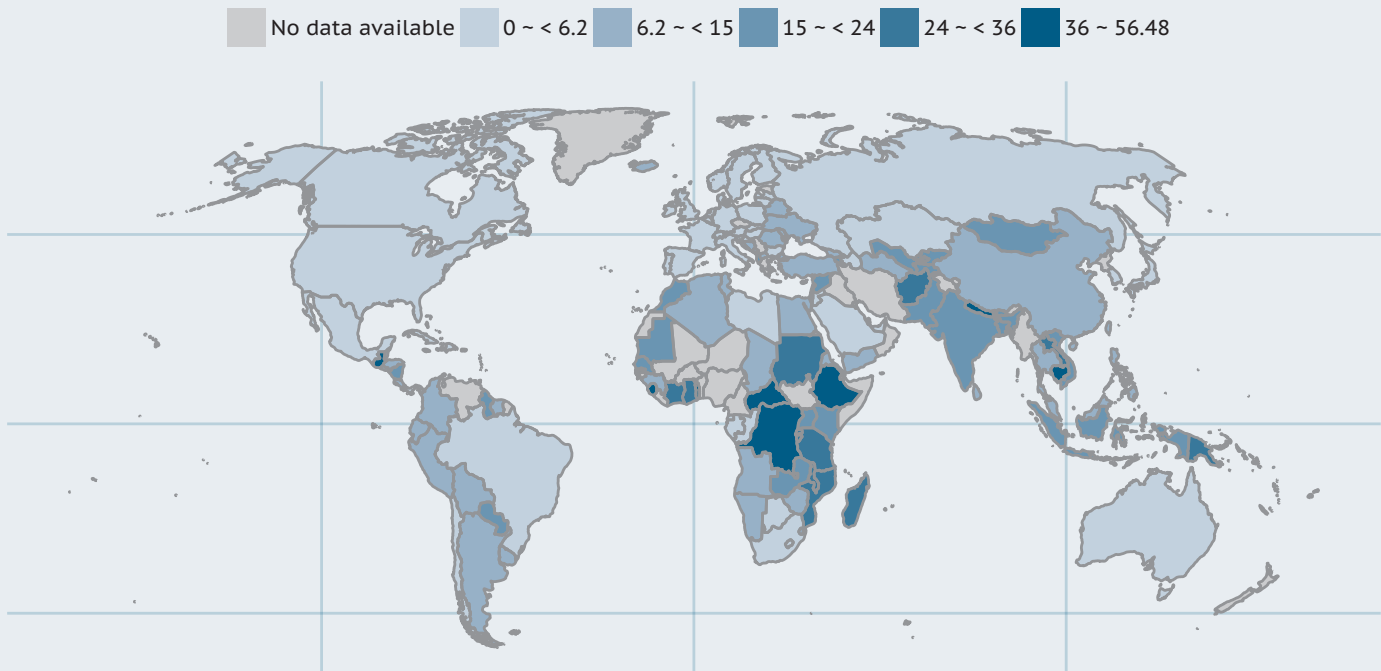
Source: World Bank (WDI).

MAP 4: Agriculture, value added per worker annual growth (percent, 2000-2010)



Source: World Bank (WDI).

MAP 5: Agriculture, value added as share of GDP (percent, 2008-2011*)



Source: World Bank (WDI).

Land and Water

There is little scope for easy expansion of agricultural land. At present, more than 1.5 billion ha – about 12 percent of the world's land area – is used for crop production (arable land plus land under permanent crops). Although considerable amounts of land are potentially suitable for agriculture, much of this land is covered by forests, protected for environmental reasons or used for urban settlements.

Potentially accessible agricultural land is very unevenly distributed among regions and countries. Some 90 percent is in Latin America and sub-Saharan Africa, with half concentrated in just seven countries – Brazil, the Democratic Republic of the Congo, Angola, the Sudan, Argentina, Colombia and the Plurinational State of Bolivia. At the other extreme, there is virtually no spare land available for agricultural expansion in Southern Asia, the Western Asia and Northern Africa.

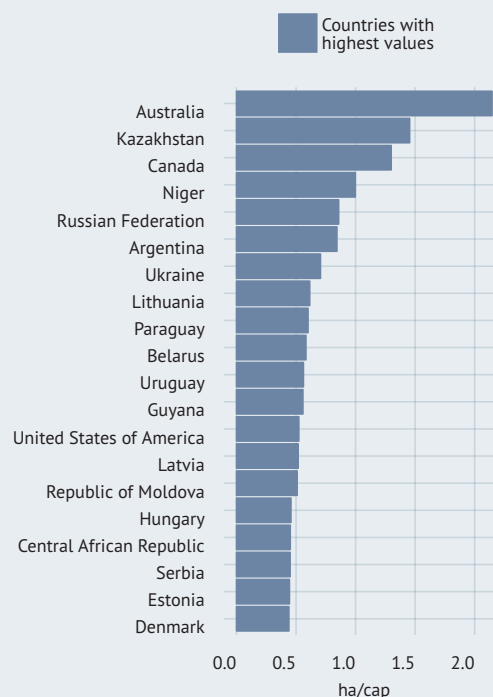
So far, land and water management systems have been able to meet the rapidly rising demands placed on them. This situation has been made possible through gains in yields resulting from increased use of inputs, technology and irrigation.

World agricultural production has grown on average between 2 and 4 percent per year over the last 50 years, while the cultivated area (permanent cropland and arable land) has grown by only 1 percent annually. More than 40 percent of the increase in food production has come from irrigated areas, which have doubled in size. Not only is the land that could be brought into production unevenly distributed over a few countries, but also much of it is characterized by significant agronomic and suitability constraints.

In the same period, global cultivated land per person has gradually declined from 0.44 ha to less than 0.25 ha – a clear measure of successful agricultural intensification. However, the distribution of land suitable for cropping is skewed against those countries that have most need to raise production.

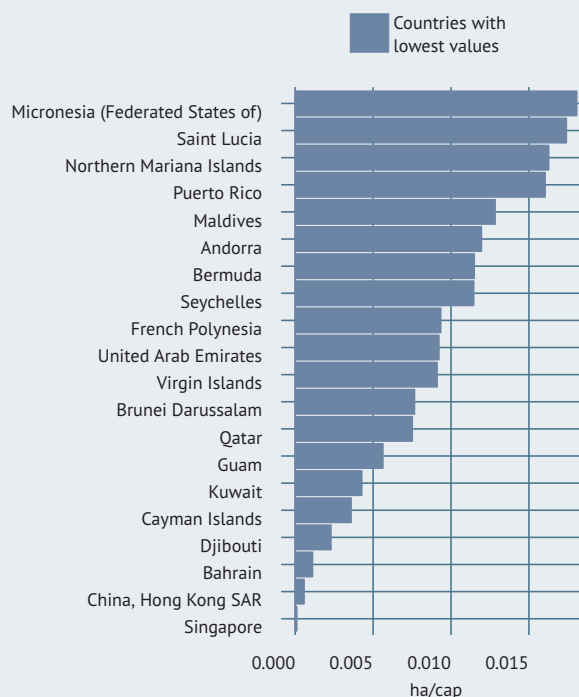
Availability of land for cultivation does not necessarily equate to equitable access, as women, indigenous people and ethnic minorities often lack access to land for farming enterprise. Stark gender disparities in landholding exist across regions. Women account for less than 5 percent of all agricultural holders in many countries in Northern Africa and Western Asia; Latin America has the highest average share of female landholders. Men also tend typically to control larger landholdings than women.

CHART 8: Arable land per capita, top 20 countries (2009)



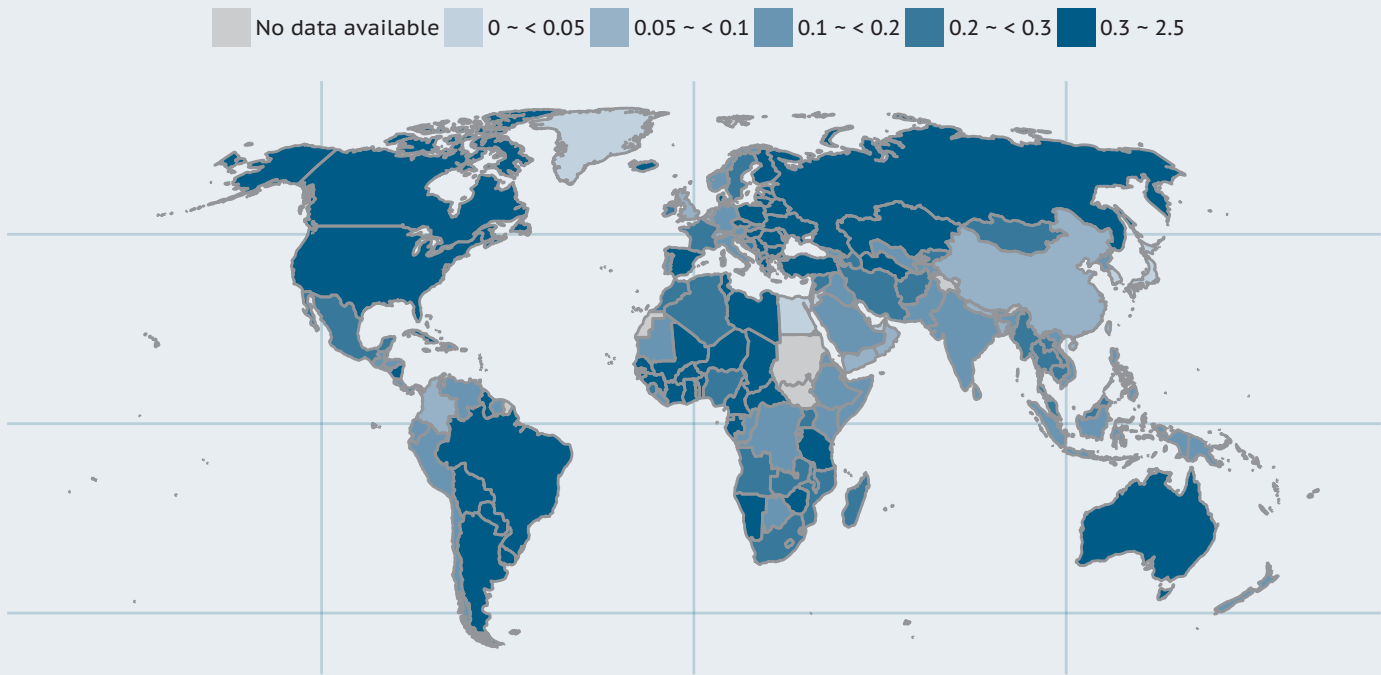
Sources: FAO, Statistics Division (FAOSTAT) and World Bank (WDI).

CHART 9: Arable land per capita, bottom 20 countries (2009)



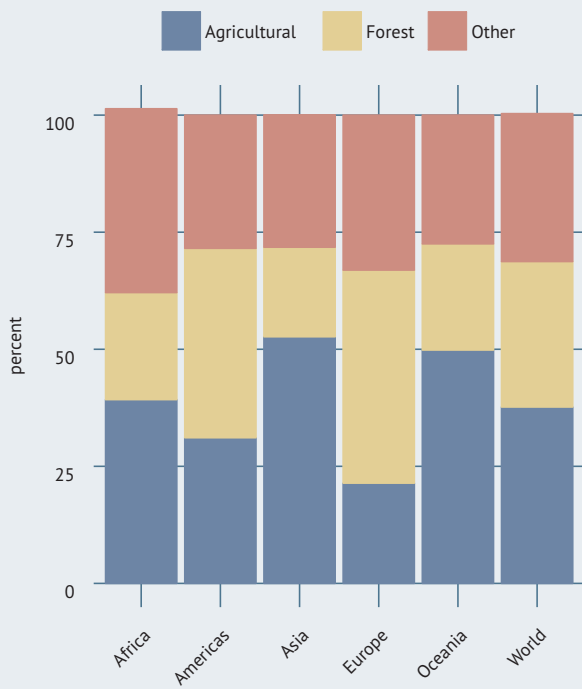
Sources: FAO, Statistics Division (FAOSTAT) and World Bank (WDI).

MAP 6: Cropland per capita (ha/cap, 2009)



Sources: FAO, Statistics Division (FAOSTAT) and World Bank (WDI).

CHART 10: Land area (2009)



Source: FAO, Statistics Division (FAOSTAT).

CHART 11: Agricultural area (2009)



Source: FAO, Statistics Division (FAOSTAT).

The concentration of high-input irrigated agriculture on prime land has relieved pressure on land expansion to some extent. However, many irrigation systems are performing far below their potential, and there is considerable scope for improving the productivity and efficiency of land and water use in agriculture. While much of the prime agricultural land suitable for irrigation has been developed, the global expansion of irrigated equipped area has virtually stalled at 0.6 percent per year after growing twice as rapidly in the 1990s. Growth remains fractional, even when the stagnation of irrigation-intensive rice cultivation in Asia is taken into account.

Rainfed agriculture is the world's predominant agricultural production system, but increasing climate variability is bringing greater uncertainty in production levels. Current productivity in rainfed systems is, on average, little more than half of its potential. In the poorest countries, only one-fifth of potential productivity is obtainable given the limited availability of required agricultural inputs and appropriate management capacity.

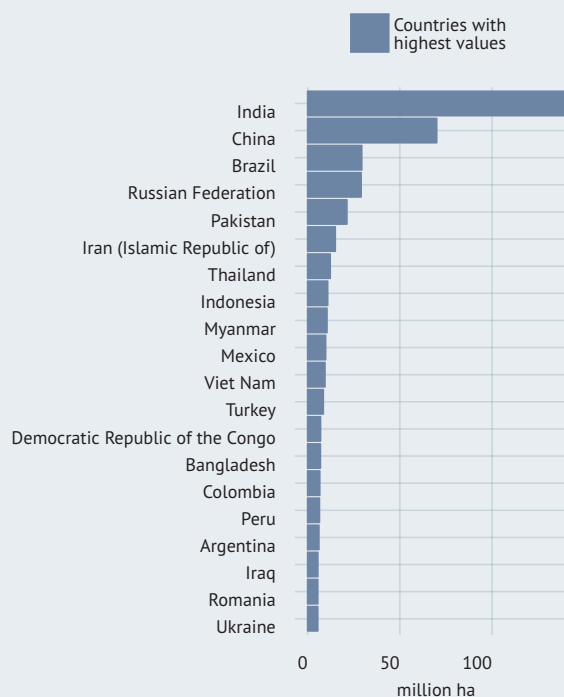
Water availability is a growing constraint in areas where a high proportion of renewable water resources is already being used, or where transboundary water resource management cannot be developed because agreements on cooperative use are not in place. Increasing water scarcity constrains irrigated production, particularly in the most highly stressed countries and areas. Because many important food production zones depend on groundwater, declining aquifer levels and extraction of non-renewable groundwater present a growing risk to food production systems.

In the coming decades, climate change may bring further risks and unpredictability to harvests, from warming and related aridity, shifts in rainfall patterns, or the frequency and duration of extreme weather events. Water availability and its distribution may also be profoundly affected. While warming may extend the frontier of agriculture in higher-latitude areas (in both the northern and southern hemispheres), it is anticipated that key agricultural systems will have to cope with new temperature, humidity and water stress. This makes the need to increase the efficiency of land and water use even more urgent.

Further reading

- FAO The State of the World's Land and Water Resources for Food and Agriculture (SOLAW) - Managing Systems at Risk 2011 (www.fao.org/nr/solaw/solaw-home/en/)
- Bruinsma (2011)
- FAO Natural Resources and Environment Department (www.fao.org/nr/)
- AQUASTAT, FAO's global information system on water and agriculture (www.fao.org/nr/aquastat)

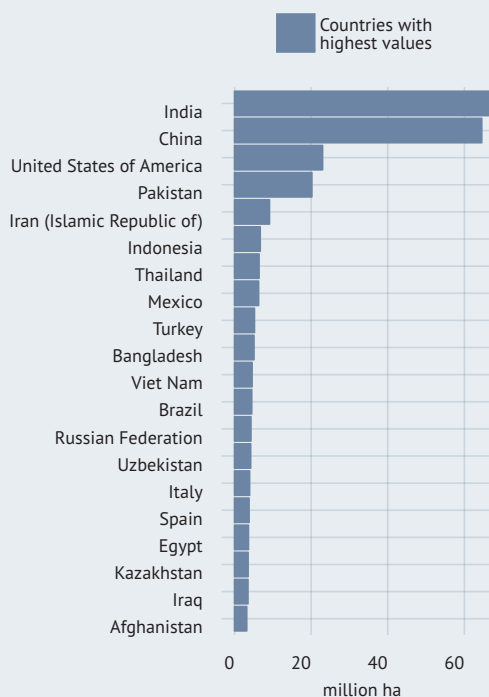
CHART 12: Irrigation potential, top 20 countries (2012)



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

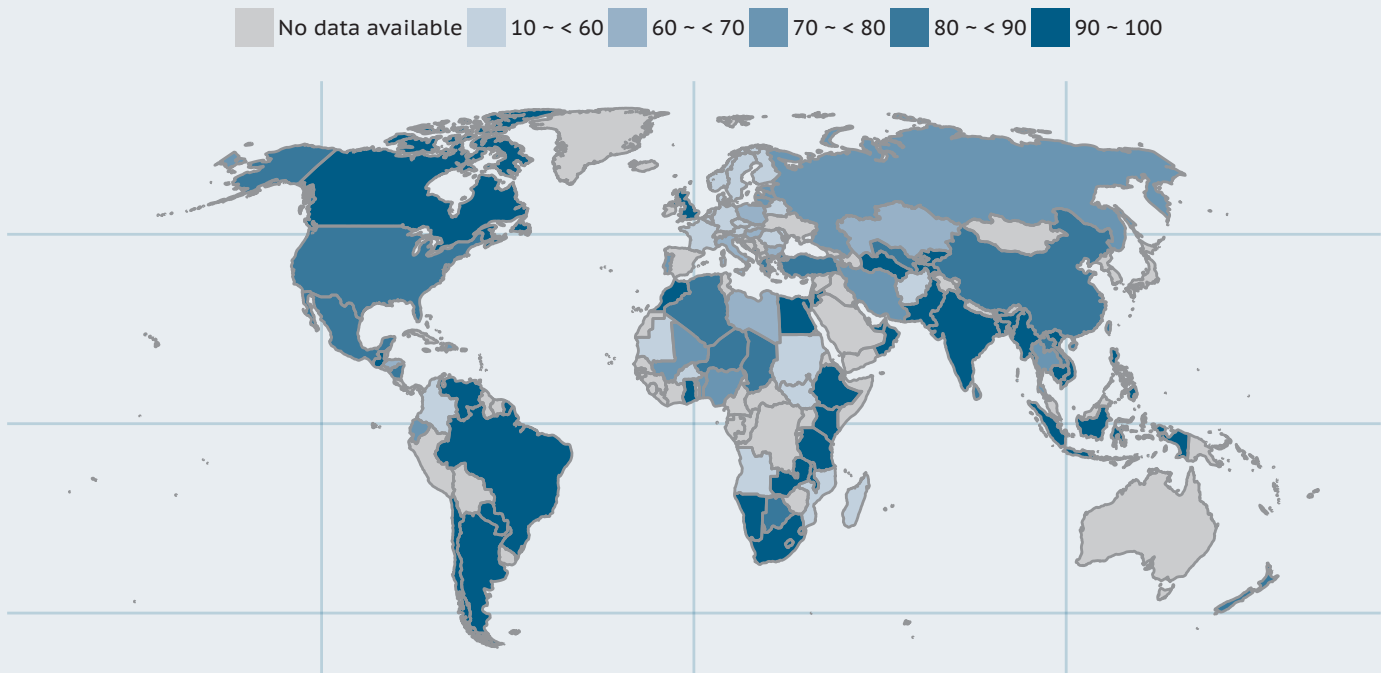
The irrigation potential area includes the area already equipped for irrigation.


CHART 13: Total equipped area, top 20 countries (2009)



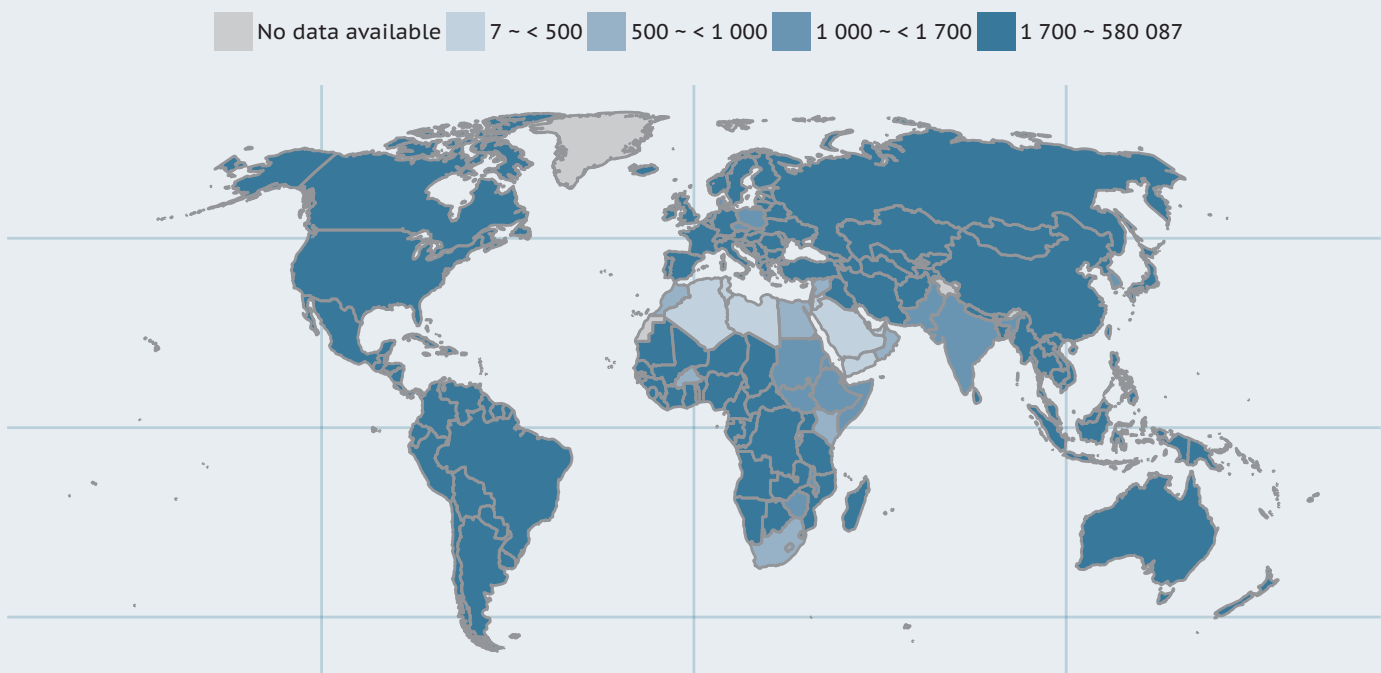
Source: FAO, Land and Water Division (AQUASTAT).


MAP 7: Share of equipped area actually irrigated (percent, 2000-2012*)



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

MAP 8: Water resources per capita ($m^3/yr/cap$, 2010)



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

Labour

In developing regions, employment growth is driven mostly by demographic changes. The majority of workers do not enter into formal wage employment but instead are engaged in self-employment or unpaid family work, such as in agriculture, especially subsistence farming. As a large share of the working poor are involved in agriculture, developments in this sector have a major impact on welfare throughout much of the world. Nearly eight out of ten working poor with less than US\$1.25/day live in rural areas. This means that most jobs in rural areas do not ensure sufficient levels of income for workers to afford adequate food for themselves and their families (ILO, 2012).

Labour force participation rates are usually highest in the poorest countries. In these countries, low unemployment in conjunction with high labour participation rates results in large swathes of the population being engaged in vulnerable employment and many people in working poverty. In Southern Asia, the region with the highest vulnerable employment rate in 2011, 51 percent of workers were in the agriculture sector. Women make up approximately 43 percent of the agricultural labour force in developing countries. Their contribution varies greatly, depending on the type of crops produced and the specific crop activities. However, women often have less access than men to productive activities because of their limited access to resources, education, extension and financial services and labour markets.

The agriculture sector also has the highest incidences of both unpaid child labour and early entry into the workforce, which often occurs between the ages of five and seven years. Around 60 percent of all child labourers – about 129 million girls and boys – work in agriculture. According to ILO, more than half of these children engage in hazardous work.

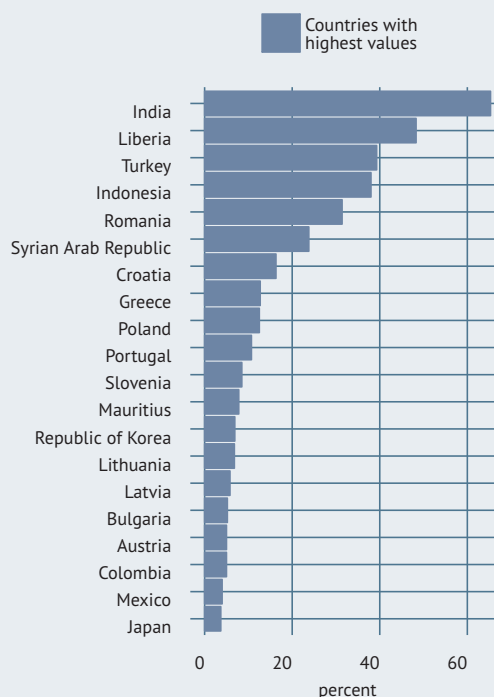
Youth account for a disproportionate share (23.5 per cent) of the working poor (ILO, 2012). The majority of these poor youth live in rural areas (ILO, 2012). Rural youth are more likely to be underemployed and less likely to be in school than urban youth. Rural youth also have higher rates of vulnerable employment and food poverty (OECD *et al.*, 2012; ILO, 2012). Because of limited job prospects, many young people leave rural areas to seek employment opportunities elsewhere. However, agriculture and the rural economy have much potential as an engine of inclusive growth and youth employment.

Decent employment and social protection are essential to achieving food security and reducing rural poverty. However, unemployment, underemployment, poor working conditions and exposure to occupational hazards continue to prevail in many rural areas. Less than 20 percent of agricultural workers have access to basic social protection (ILO, 2012). These challenges negatively affect the labour productivity of agricultural workers. Economies around the world are not generating sufficient and quality employment opportunities to absorb additions to the working-age population and ensure gainful and decent employment for all.

Further reading

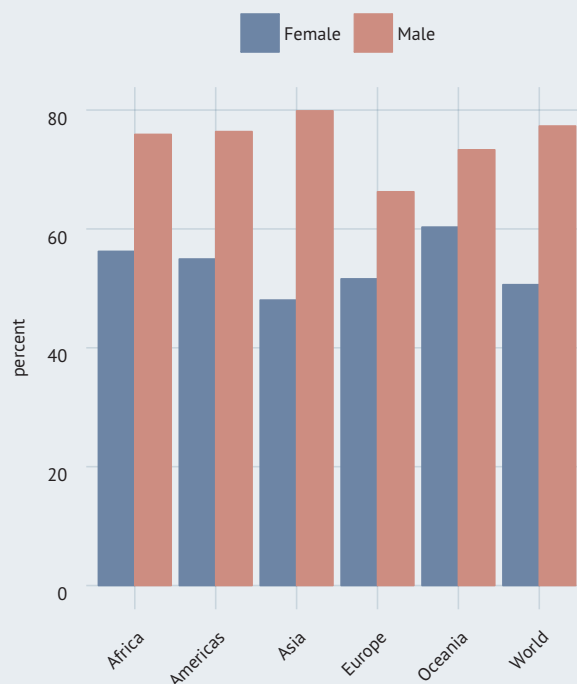
- FAO Gender, Equity and Rural Employment Division (www.fao.org/economic/esw/)

CHART 14: Female employment in agriculture, share of female employment (2010)



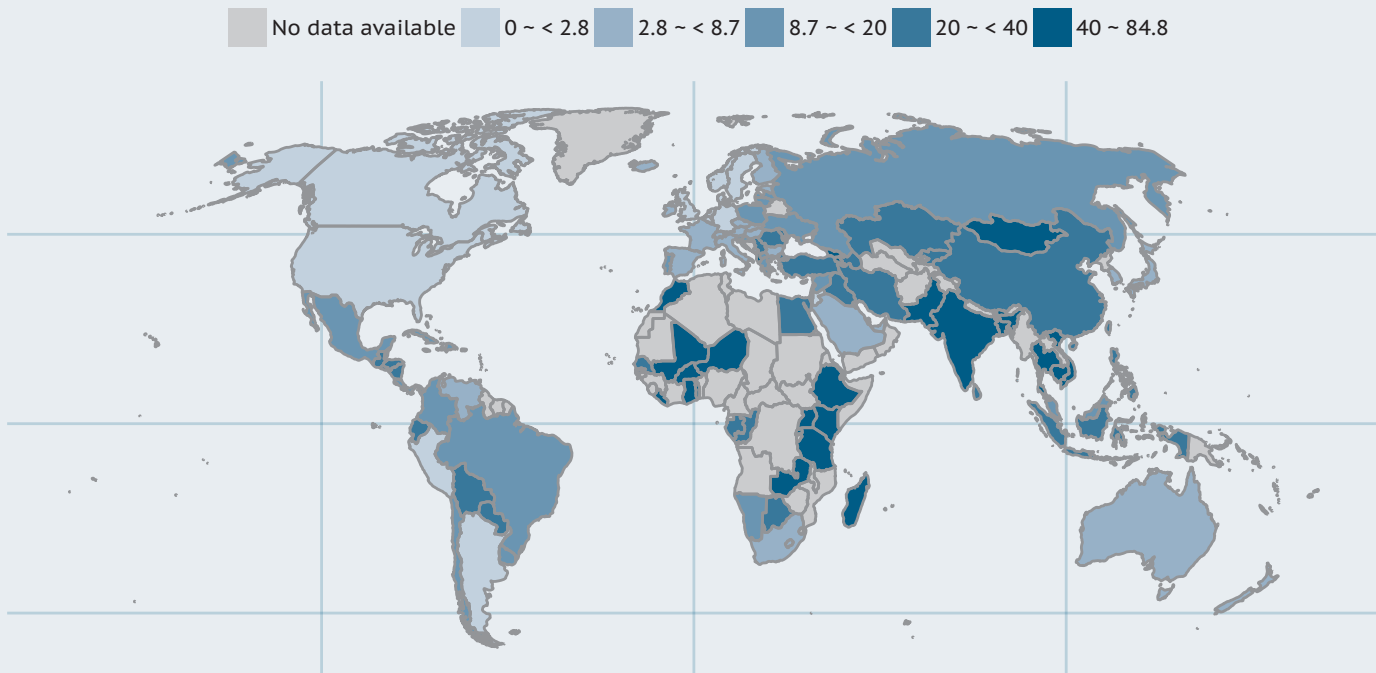
Source: World Bank (WDI).

CHART 15: Labour force participation rate by gender, ages 15+ (2010)



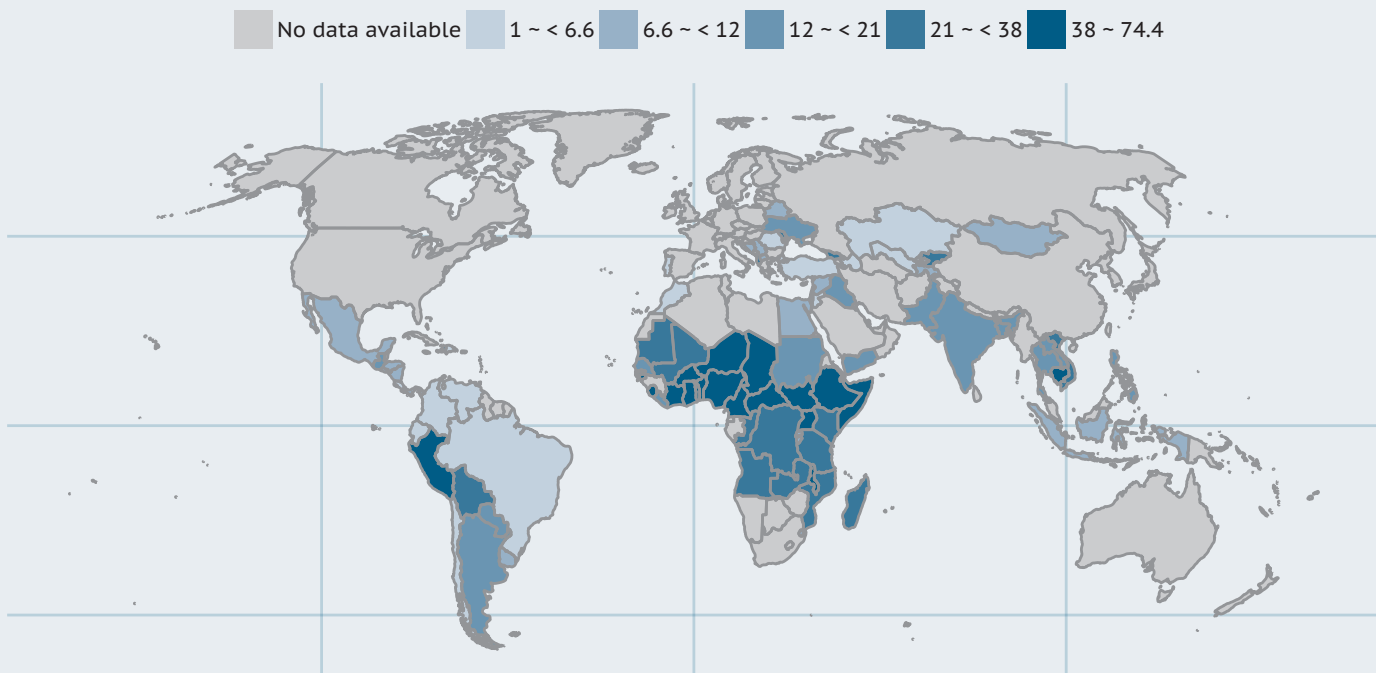
Source: World Bank (WDI).

MAP 9: Employment in agriculture, share of total employment (percent, 2005-2010*)



Source: World Bank (WDI).

MAP 10: Children in employment, total (percentage of children ages 7-14, 2008-2010*)



Source: World Bank (WDI).

Inputs

Throughout Asia and in parts of Latin America, expanding seed and fertilizer use has been accompanied by investments in irrigation, rural roads, marketing infrastructure and financial services, paving the way for dynamic commercial input markets. Developing such markets is essential for agricultural productivity growth. Where data gaps currently exist, having more gender-disaggregated information for inputs could lead to more effective policies for achieving this end.

Machinery is a major input in agriculture and can improve efficiency. Agricultural tractors are generally wheel-and-crawler or track-laying tractors (excluding garden tractors) used in agriculture.

Today, Asian farmers are major users of fertilizers. One-third of the increase in cereal production worldwide and half of the increase in India's grain production during the 1970s and 1980s have been attributed to increased fertilizer consumption. The use of fertilizers is becoming even more crucial in light of such factors as the impact of more intensive cultivation practices and shorter fallow periods on soil fertility. Fertilizer consumption measures the quantity of plant nutrients used per unit of arable land. Misuse of fertilizers can lead to negative results on the environment and on farmers' health.

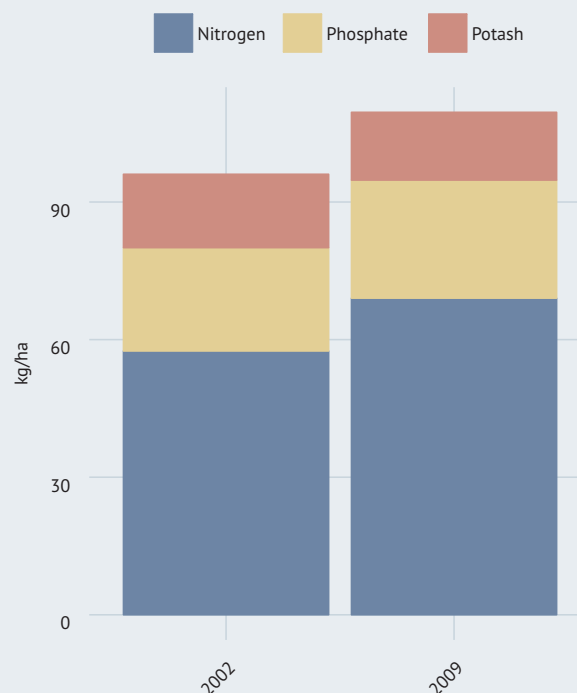
Pesticides can also increase agricultural productivity. Pesticides are the insecticides, fungicides, herbicides, disinfectants and other substances or mixtures of substances used to prevent, destroy or control any pest. Pests include vectors of human or animal disease, and unwanted species of plants or animals that harm or interfere with the production, processing, storage, transport or marketing of food, agricultural commodities, wood and wood products or animal feedstuffs, or the substances that may be administered to animals for the control of insects, arachnids or other pests in or on their bodies. Pesticides include substances intended for use as plant growth regulators, defoliants, desiccants or agents 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. Data refer to quantities of pesticides applied to crops and seeds in the agriculture sector.

When pesticides are handled improperly, they are toxic to humans and other species. Usage can be reduced through integrated pest management (IPM), which uses information on pest populations to estimate losses and adjust pesticide doses accordingly. IPM has brought tremendous benefits to farm profitability, the environment and human health. Adoption has often been limited because of its complexity, but results can be extraordinarily successful. In Eastern Africa, for instance, the cassava mealybug – which caused significant losses – was successfully controlled by introducing a parasitoid wasp that is the mealybug's natural enemy.

Further reading

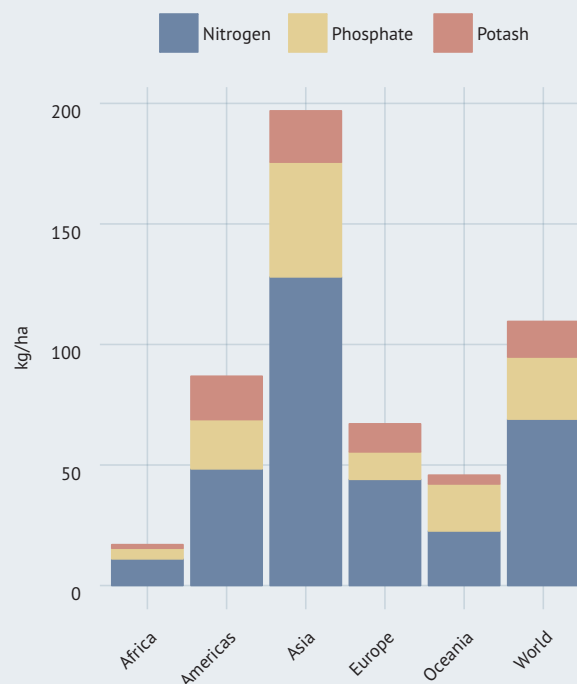
- Schmidhuber, J. and Bruinsma, J. (2011)
- FAO Agriculture Department (www.fao.org/ag/portal/index_en/en/)

CHART 16: Fertilizer consumption in nutrients per ha of arable land (2002 and 2009)



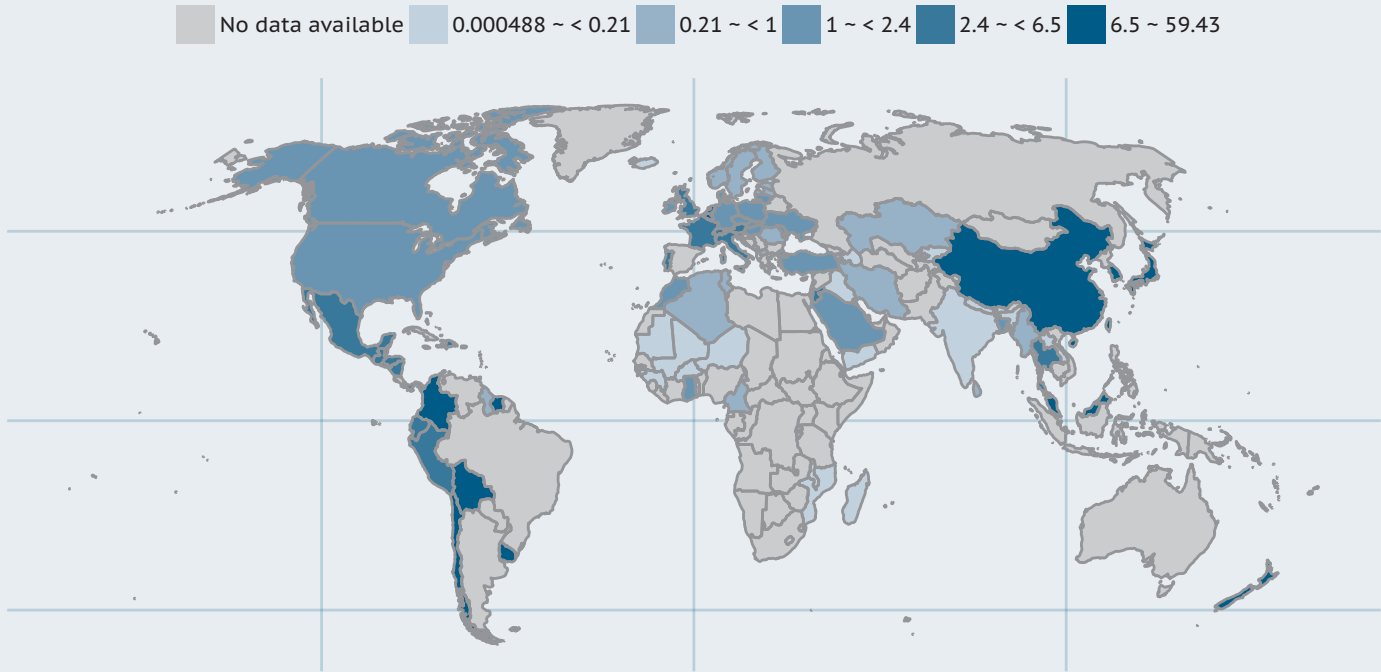
Source: FAO, Statistics Division (FAOSTAT).

CHART 17: Fertilizer consumption in nutrients per ha of arable land (2009)



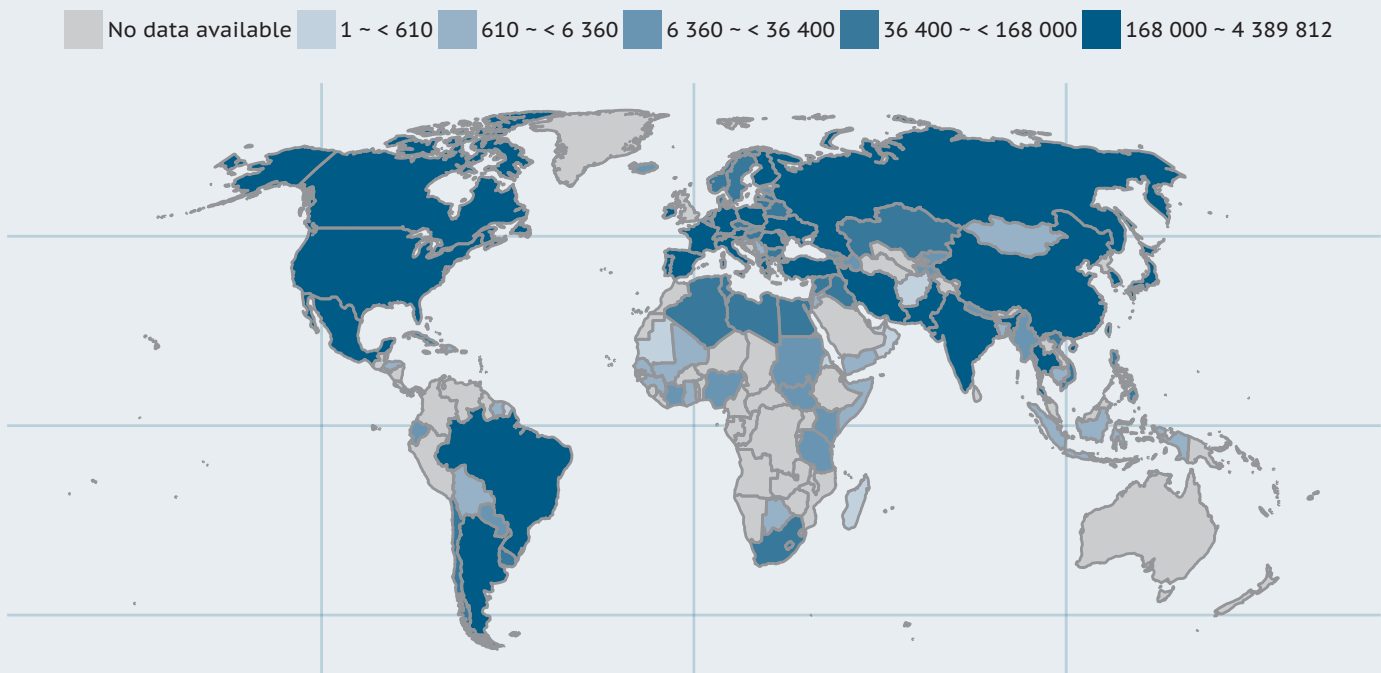
Source: FAO, Statistics Division (FAOSTAT).

MAP 11: Pesticides per ha of arable land (kg/ha, 2005-2009*)



Source: FAO, Statistics Division.

MAP 12: Agricultural tractors, total (tractors, 2000-2010*)



Source: FAO, Statistics Division (FAOSTAT).

Capital and Investment

In many instances, the gaps between high-income and low-income countries are widening as a result of low investment rates and/or growing labour forces. This is particularly true in countries with low levels of agricultural capital stock (ACS) per worker.

Vulnerable and food-insecure people are likely to channel their savings into assets that reduce their vulnerability to shocks rather than investments that increase resource productivity. In this context, credit to agriculture, including investment-oriented loans provided by the banking sector, relates directly to the rate at which ACS is being accumulated.

Although most investments are mobilized by the farmers themselves, expenditures by general government units and public (financial and non-financial) corporations can create a conducive environment – economic incentives – and ensure sufficient availability of public goods such as basic rural infrastructure and market openness. The efficiency of public expenditure for agriculture is therefore a key element of the overall policy mix and will require a reversal of the declining trend observed over the last 20 years.

Until low-income, food-deficit countries (LIFDCs) are able to increase their incomes to levels at which they can generate sufficient savings to meet their investment needs, they will rely on external resources (transfers and some measure of official finance) to generate funds for agricultural development. Official development assistance (ODA) is an important complement to domestic resources and, over time, there can be dramatic changes in the composition – and impact – of these resources.

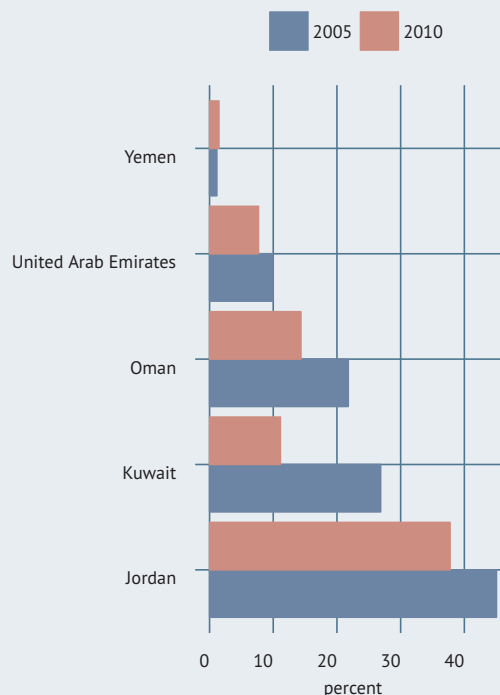
Owing to the imperfect information available to potential investors, and the perceived high risks of longer-term investment, the allocation of foreign direct investment (FDI) to agriculture, including to the manufacture of food and beverages, has tended to bypass most LIFDCs, where generating additional food supplies and the incomes necessary for access to food remains a critical challenge.

FAO is collaborating with the International Fund for Agricultural Development (IFAD), the International Food Policy Research Institute (IFPRI), the International Monetary Fund (IMF), the Organisation for Economic Co-operation and Development (OECD), the United Nations Conference on Trade and Development (UNCTAD) and the World Bank Group to strengthen the monitoring of these resource flows. The Principles for Responsible Agricultural Investment that Respects Rights, Livelihoods and Resources informs this initiative to establish an integrated investment data set.

Further reading

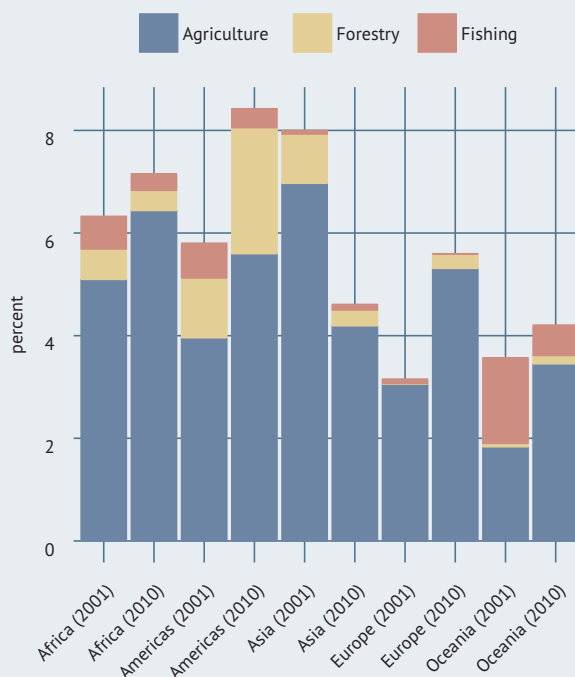
- FAO How to Feed the World in 2050: Investment Brief (www.fao.org/wsfs/forum2050/)
- FAO Foreign Investment in Agriculture (www.fao.org/economic/est/investments/)
- Principles for Responsible Agricultural Investment that Respects Rights, Livelihoods and Resources (www.unctad.org/en/Pages/Home.aspx)
- Foreign Agriculture Investment Database (www.fao.org/tc/policy-support/investment-policy/fdi/en/)

CHART 18: Credit to agriculture, share of value added in agriculture, selected countries (2005 and 2010)



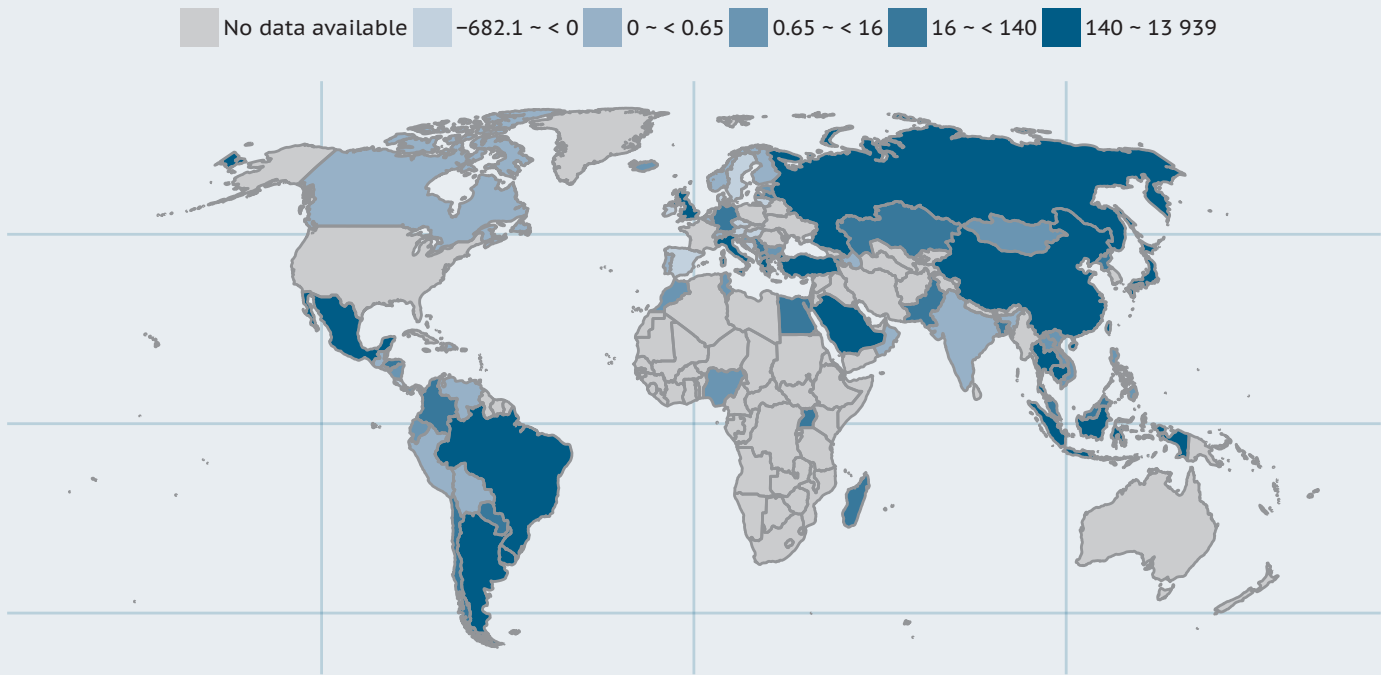
Source: FAO, Statistics Division.

CHART 19: ODA received in agriculture, forestry and fishing sectors, share of total ODA (2001 and 2010)



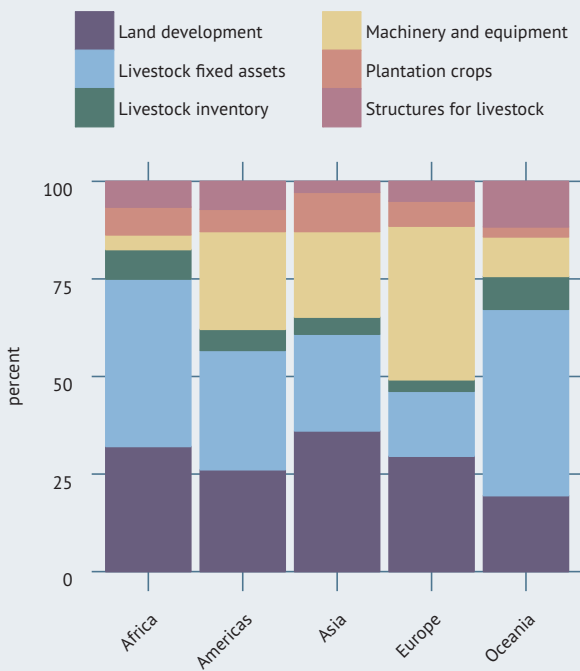
Sources: OECD and FAO, Statistics Division.

MAP 13: FDI (inward flows) to agriculture (million US\$, 2010)



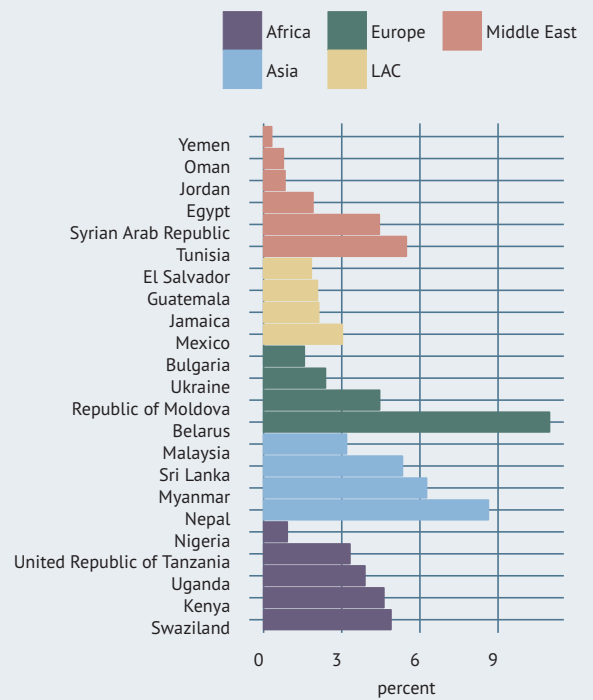
Sources: UNCTAD and FAO, Statistics Division.

CHART 20: Share of components in capital stock (2007)



Source: FAO, Statistics Division (FAOSTAT).

CHART 21: Government expenditures in agriculture, forestry, fishing and hunting (2010)



Sources: IMF and FAO, Statistics Division.

Innovation

Economic growth is fostered not only by inputs but also through innovation. The ability to innovate and use the results in the international market helps make countries more competitive. Globalization has brought the benefits of innovation – especially new technologies such as information and communication technology – to many parts of the world, leading to rapid advances and improved productivity, even in agriculture.

Information and communications technology has revolutionized development. Increased financing, privatization and market liberalization, which are the result of increased global integration, have led to greater access. Mobile telephony and the Internet have become essential tools in development, and developing countries' share in these tools has become increasingly significant over time. Between 2005 and 2010, developing countries' share of worldwide mobile telephone subscriptions increased from approximately 50 to 75 percent. Mobile technology is especially important for farmers and people living in rural areas. Most of the next billion mobile subscribers will most likely be rural poor.

For innovation to occur, investments in research and development (R&D) must take place, including within agriculture. Systematic data on agricultural R&D spending are essential, to identify areas where investment can lead to increased agricultural productivity and – ultimately – greater food security. IFPRI's Agricultural Science and Technology Indicators (ASTI) initiative collects this type of data. The *ASTI global assessment of agricultural R&D spending* reported that between 2000 and 2008 (the latest year for which data were available) agricultural R&D investments were on an upswing.

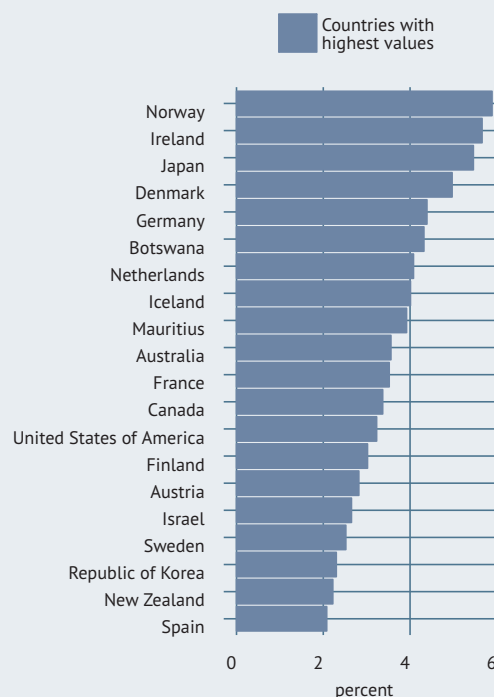
Following a decade of slowing growth in the 1990s, global public spending on agricultural R&D increased steadily from US\$26.1 billion in 2000 to US\$31.7 billion in 2008. Most of this increase was driven by developing countries. China and India accounted for close to half of the global increase of US\$5.6 billion, but other countries – particularly Argentina, Brazil, the Islamic Republic of Iran, Nigeria and the Russian Federation – also significantly increased their spending on public agricultural R&D.

These trends mask the negative developments that have taken place in numerous smaller, poorer and more technologically challenged countries, which are often highly vulnerable to severe volatility in funding and often see the continuity and viability of their research programmes deteriorate. In addition to financial challenges, many R&D agencies in these countries lack the necessary human, operating and infrastructural resources to develop, adapt and disseminate successful science and technology innovations.

Further reading

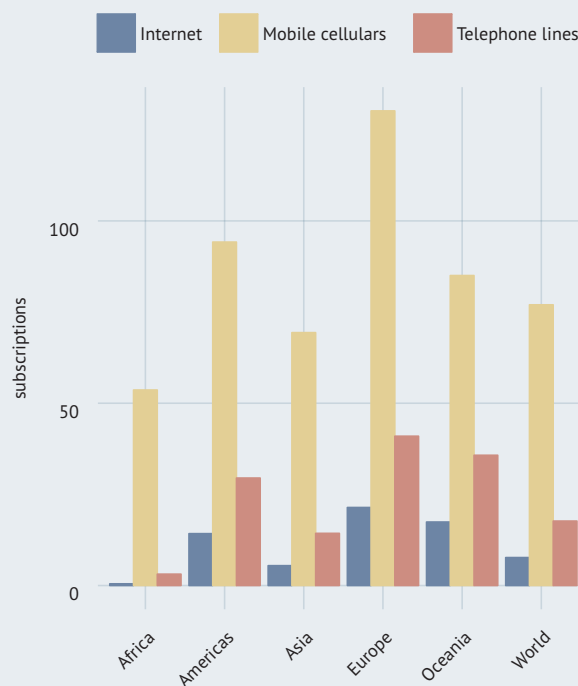
- Agricultural Science and Technology Indicators (www.asti.cgiar.org/)
- ASTI Global Assessment of Agricultural R & D Spending (www.ifpri.org/sites/default/files/publications/astiglobalassessment.pdf)

CHART 22: Total public agricultural research expenditure, share of agricultural GDP, top 20 countries (2006-2010*)



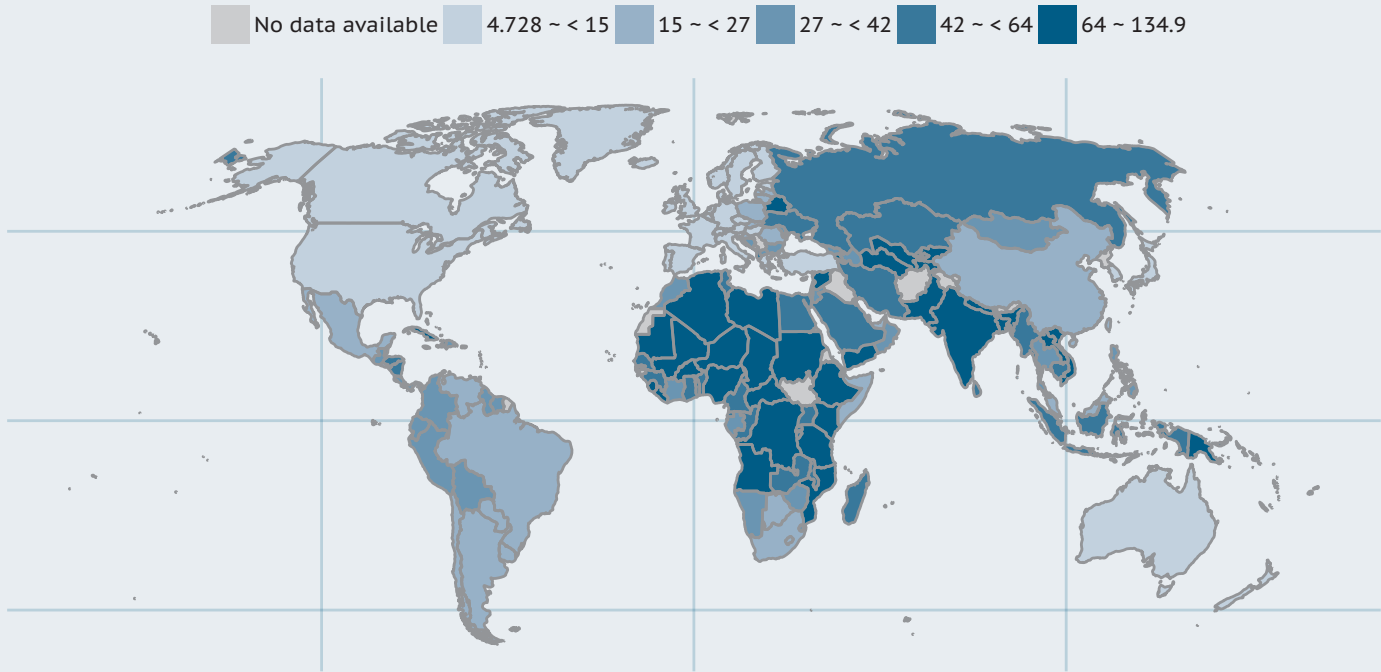
Source: IFPRI/ASTI.

CHART 23: Mobile cellular, broadband Internet and telephone line subscribers per 100 people (2010)



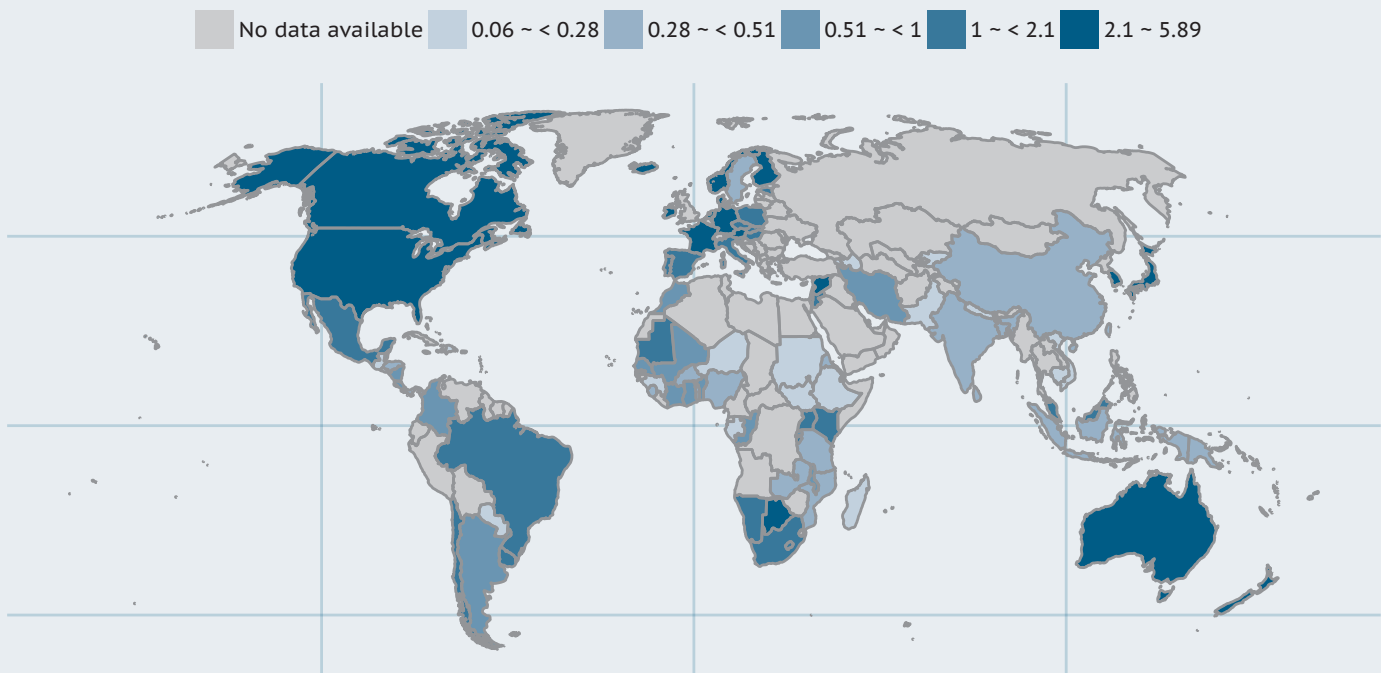
Source: World Bank (WDI).

MAP 14: Access to mobile cellular phone subscriptions annual growth (percent, 2000-2010)



Source: World Bank (WDI).

MAP 15: Total public agricultural research expenditure, share of agricultural GDP (percent, 2006-2010*)



Source: IFPRI/ASTI.

TABLE 1: Population and structure

	Population										Age composition	
	total		rural		urban		density	agricultural		between	over	
	thousand people	thousand people	%	%	%	%	people/km ²	share of total	share of total	0-14	65+	
	2000	2011	2000	2011	2000	2011	2010	%	%	2011	2011	
World	6 118 131	6 973 738	53.4	48.0	46.6	52.0	53.0	29.6	26.8	26.6	7.7	
Africa	809 180	1 044 353	64.5	60.5	35.5	39.5	34.7	53.9	49.1	40.0	3.6	
Eastern Africa	250 689	331 449	79.5	76.3	20.5	23.7	53.3	77.8	73.4	43.1	3.1	
Burundi	6 374	8 575	91.8	89.1	8.2	10.9	326.4	90.8	89.2	37.5	2.9	
Comoros	562	754	71.9	71.9	28.1	28.1	395.0	73.6	69.4	42.6	2.7	
Djibouti	732	906	23.5	22.9	76.5	77.1	38.3	78.3	74.0	35.4	3.4	
Eritrea	3 668	5 415	82.4	78.6	17.6	21.4	52.0	77.1	73.8	41.6	2.5	
Ethiopia	65 578	84 734	85.3	83.0	14.7	17.0	82.9	82.3	77.3	40.8	3.4	
Kenya	31 254	41 610	80.1	76.0	19.9	24.0	71.2	75.4	70.6	42.4	2.7	
Madagascar	15 364	21 315	72.9	67.4	27.1	32.6	35.6	74.8	70.1	42.7	3.1	
Malawi	11 229	15 381	85.4	84.3	14.6	15.7	158.0	78.0	72.9	45.8	3.1	
Mauritius	1 187	1 286	57.3	58.2	42.7	41.8	631.0	11.6	8.1	21.4	7.2	
Mayotte												
Mozambique	18 201	23 930	70.9	68.8	29.1	31.2	29.7	78.5	76.0	43.9	3.3	
Réunion												
Rwanda	8 098	10 943	86.2	80.9	13.8	19.1	430.6	90.8	89.4	42.8	2.7	
Seychelles	81	86	49.6	46.4	50.4	53.6	188.1	76.4	74.0			
Somalia	7 399	9 557	66.8	62.2	33.2	37.8	14.9	70.1	65.6	44.9	2.7	
Uganda	24 213	34 509	87.9	84.4	12.1	15.6	167.3	79.0	73.5	48.3	2.5	
United Republic of Tanzania	34 038	46 218	77.7	73.3	22.3	26.7	50.6	78.3	73.3	44.8	3.2	
Zambia	10 202	13 475	65.2	60.8	34.8	39.2	17.4	69.1	64.0	46.5	3.1	
Zimbabwe	12 509	12 754	66.2	61.4	33.8	38.6	32.5	62.9	56.3	38.4	4.2	
Middle Africa	96 187	129 981	63.8	58.5	36.2	41.5	19.5	62.6	56.3	44.6	2.9	
Angola	13 926	19 618	51.0	40.9	49.0	59.1	15.3	71.8	69.2	46.3	2.5	
Cameroon	15 678	20 030	54.5	47.9	45.5	52.1	41.5	53.2	40.9	40.4	3.5	
Central African Republic	3 702	4 487	62.4	60.9	37.6	39.1	7.1	72.6	63.2	40.1	4.0	
Chad	8 222	11 525	78.5	78.2	21.5	21.8	8.9	75.4	65.7	45.3	2.9	
Congo	3 136	4 140	41.3	36.4	58.7	63.6	11.8	40.0	31.9	40.5	3.7	
Democratic Republic of the Congo	49 626	67 758	70.7	65.7	29.3	34.3	29.1	62.1	57.2	46.0	2.7	
Equatorial Guinea	520	720	61.2	60.5	38.8	39.5	25.0	69.4	64.2	39.1	2.8	
Gabon	1 235	1 534	19.9	13.9	80.1	86.1	5.8	37.7	25.7	35.0	4.3	
Sao Tome and Principe	141	169	46.6	37.4	53.4	62.6	172.3	62.4	57.4	39.9	3.8	
Northern Africa	175 958	212 519	52.8	50.2	47.2	49.8	25.8	30.4	24.6	30.9	4.9	
Algeria	30 534	35 980	39.2	27.1	60.8	72.9	14.9	24.2	20.9	26.8	4.6	
Egypt	67 648	82 537	57.2	56.5	42.8	43.5	81.5	34.7	27.9	31.3	5.2	
Libya	5 231	6 423	23.7	22.3	76.3	77.7	3.6	5.8	3.0	30.6	4.4	
Morocco	28 793	32 273	46.7	43.0	53.3	57.0	71.6	33.7	25.9	27.6	5.6	
South Sudan	6 631	10 314	83.5	81.9	16.5	18.1						
Sudan	27 556	34 318	67.5	66.8	32.5	33.2	18.3			39.8	3.6	
Sudan (former)												
Tunisia	9 564	10 674	36.6	33.7	63.4	66.3	67.9	23.6	20.4	23.2	7.0	
Western Sahara												
Southern Africa	50 628	58 203	46.3	41.0	53.7	59.0	21.7	18.0	13.7	30.6	4.7	
Botswana	1 758	2 031	46.8	38.4	53.2	61.6	3.5	43.9	42.1	32.2	4.1	
Lesotho	1 964	2 194	80.0	72.4	20.0	27.6	71.5	41.7	38.9	37.0	4.3	
Namibia	1 896	2 324	67.6	61.6	32.4	38.4	2.8	49.1	40.9	35.9	3.7	
South Africa	44 000	50 587	43.1	38.0	56.9	62.0	41.2	14.1	9.8	29.9	4.8	
Swaziland	1 011	1 068	77.4	78.7	22.6	21.3	61.4	37.3	32.4	37.9	3.4	
Western Africa	235 717	312 201	61.5	55.1	38.5	44.9	50.2	50.2	44.0	42.9	3.2	
Benin	6 518	9 100	61.7	55.1	38.3	44.9	80.0	54.0	44.3	43.5	3.0	
Burkina Faso	12 294	16 968	82.2	73.5	17.8	26.5	60.2	92.2	92.1	45.2	2.2	
Cape Verde	437	501	46.6	37.4	53.4	62.6	123.1	23.1	16.9	30.9	5.8	
Côte d'Ivoire	16 582	20 153	56.5	48.7	43.5	51.3	62.1	48.8	37.9	40.7	3.8	
Gambia	1 297	1 776	51.2	42.8	48.8	57.2	172.8	79.1	76.0	43.7	2.2	
Ghana	19 165	24 966	56.0	48.1	44.0	51.9	107.2	56.4	53.8	38.4	3.9	
Guinea	8 344	10 222	69.0	64.5	31.0	35.5	40.6	83.8	79.8	42.7	3.3	
Guinea-Bissau	1 241	1 547	64.1	56.1	35.9	43.9	53.9	82.5	79.3	41.1	3.3	
Liberia	2 847	4 129	55.7	51.8	44.3	48.2	41.5	67.5	62.0	43.5	2.8	
Mali	11 295	15 840	71.9	65.1	28.1	34.9	12.6	80.7	74.9	47.1	2.2	
Mauritania	2 643	3 542	60.0	58.5	40.0	41.5	3.4	52.7	50.3	39.7	2.7	
Niger	10 922	16 069	83.8	82.1	16.2	17.9	12.2	85.7	82.9	48.9	2.2	
Nigeria	123 689	162 471	57.6	50.4	42.4	49.6	173.9	33.3	24.9	42.8	3.4	
Saint Helena, Ascension and Tristan da Cunha												
Senegal	9 506	12 768	59.7	57.4	40.3	42.6	64.6	73.5	70.2	43.5	2.4	
Sierra Leone	4 143	5 997	64.2	60.7	35.8	39.3	81.9	65.0	60.0	42.9	1.9	
Togo	4 794	6 155	67.1	62.0	32.9	38.0	110.8	59.7	53.4	39.3	3.4	

TABLE 1: Population and structure (continued)

	Population									Age composition	
	total		rural		urban		density	agricultural		between	over
	thousand people	thousand people	%	%	%	%	people/km ²	share of total	share of total	0-14	65+
	2000	2011	2000	2011	2000	2011	2010	%	%	2011	2011
Americas	833 421	941 468	23.2	19.8	76.8	80.2	24.0	13.6	10.6	24.6	9.4
Latin America and the Caribbean	520 370	595 272	24.5	20.9	75.5	79.1	29.2	20.4	15.8	27.5	7.0
Anguilla											
Antigua and Barbuda	78	90	67.9	70.1	32.1	29.9	201.6	23.2	20.3		
Argentina	36 931	40 765	9.9	7.5	90.1	92.5	14.8	9.5	7.7	24.6	10.7
Aruba	90	108	53.3	53.1	46.7	46.9	597.2	23.3	20.5	18.7	9.8
Bahamas	298	347	18.0	15.7	82.0	84.3	34.3	3.7	2.3	22.0	7.0
Barbados	268	274	61.7	55.6	38.3	44.4	635.7	4.1	2.6	17.0	11.6
Belize	250	357	52.3	55.2	47.7	44.8	15.1	27.2	21.5	34.4	4.0
Bolivia (Plurinational State of)	8 307	10 088	38.2	33.2	61.8	66.8	9.2	42.7	39.9	35.7	4.7
Bonaire, Sint Eustatius and Saba											
Brazil	174 425	196 655	18.8	15.4	81.2	84.6	23.0	15.9	10.8	25.0	7.2
British Virgin Islands											
Cayman Islands	40	57	0.0	0.0	100.0	100.0	234.3	22.4	19.6		
Chile	15 420	17 270	14.1	10.9	85.9	89.1	23.0	15.9	13.3	21.7	9.5
Colombia	39 764	46 927	27.9	24.7	72.1	75.3	41.7	20.0	15.1	28.4	5.8
Costa Rica	3 919	4 727	41.0	35.4	59.0	64.6	91.2	20.5	15.8	24.4	6.7
Cuba	11 104	11 254	24.4	24.8	75.6	75.2	105.8	16.6	12.9	16.9	12.7
Curaçao	134	146					323.8				
Dominica	70	68	32.8	32.8	67.2	67.2	90.3	23.0	20.7		
Dominican Republic	8 592	10 056	38.3	30.4	61.7	69.6	205.4	16.9	11.2	30.7	6.4
Ecuador	12 345	14 666	39.7	32.6	60.3	67.4	58.2	26.0	19.8	29.9	6.4
El Salvador	5 940	6 227	41.1	35.2	58.9	64.8	298.9	32.0	26.2	31.2	7.1
Falkland Islands (Malvinas)											
French Guiana											
Grenada	102	105	64.1	60.8	35.9	39.2	307.3	23.6	20.1	27.2	7.1
Guadeloupe											
Guatemala	11 237	14 757	54.9	50.2	45.1	49.8	134.3	50.9	42.1	41.1	4.4
Guyana	733	756	71.3	71.6	28.7	28.4	3.8	17.5	14.6	32.5	4.4
Haiti	8 645	10 124	64.4	46.7	35.6	53.3	362.6	64.1	58.8	35.5	4.4
Honduras	6 218	7 755	54.5	47.8	45.5	52.2	67.9	34.3	26.5	36.2	4.4
Jamaica	2 589	2 709	48.2	47.9	51.8	52.1	249.5	20.9	17.8	28.5	7.9
Martinique											
Mexico	99 960	114 793	25.3	21.9	74.7	78.1	58.3	23.6	17.9	28.7	6.5
Montserrat											
Nicaragua	5 074	5 870	45.3	42.4	54.7	57.6	48.1	22.3	15.4	33.9	4.6
Panama	2 956	3 571	34.2	24.8	65.8	75.2	47.3	23.1	17.8	28.6	6.7
Paraguay	5 344	6 568	44.7	38.1	55.3	61.9	16.2	35.0	29.9	33.1	5.2
Peru	25 862	29 400	27.0	22.8	73.0	77.2	22.7	28.4	24.0	29.6	6.2
Puerto Rico	3 811	3 707	5.4	1.1	94.6	98.9	419.6	2.9	1.5	20.7	13.1
Saint Barthélemy											
Saint Kitts and Nevis	44	53	67.2	68.0	32.8	32.0	201.5	24.8	21.0		
Saint Lucia	156	176	72.0	82.4	28.0	17.6	285.2	23.1	20.1	25.4	6.8
Saint-Martin (French Part)	28	31					555.8				
Saint Vincent and the Grenadines	108	109	54.8	50.7	45.2	49.3	280.3	23.2	20.1	26.1	6.8
Sint Maarten (Dutch Part)	31	37					1 113.2				
Suriname	467	529	35.1	30.3	64.8	69.7	3.4	18.8	16.8	28.2	6.5
Trinidad and Tobago	1 292	1 346	89.2	86.3	10.8	13.7	261.5	8.5	6.6	20.5	7.1
Turks and Caicos Islands	19	39	15.4	6.3	84.5	93.7	40.4	21.2	20.9		
United States Virgin Islands	109	110	7.4	4.6	92.6	95.4	313.6	21.2	18.2	19.9	15.1
Uruguay	3 301	3 369	8.7	7.5	91.3	92.5	19.2	11.1	10.0	22.3	13.8
Venezuela (Bolivarian Republic of)	24 311	29 278	10.1	6.5	89.9	93.5	32.7	9.5	6.2	29.1	5.8
Northern America	313 050	346 196	20.9	17.8	79.1	82.2	18.4	2.3	1.7	19.7	13.4
Bermuda	62	65	0.0	0.0	100.0	100.0	1 284.7	1.6	1.6		
Canada	30 770	34 483	20.5	19.3	79.5	80.7	3.8	2.5	1.8	16.3	14.4
Greenland	56	57	18.4	15.3	81.6	84.7	0.1	1.8	1.8		
Saint Pierre and Miquelon											
United States of America	282 162	311 592	20.9	17.6	79.1	82.4	33.8	2.2	1.7	20.1	13.3
Asia	3 717 168	4 210 777	62.7	55.1	37.3	44.9	134.0	32.2	28.7	25.6	6.8
Central Asia	55 107	63 489	58.4	59.4	41.6	40.6	15.9	26.6	20.7	28.7	4.8
Kazakhstan	14 884	16 558	44.3	46.4	55.7	53.6	6.0	19.6	15.3	24.8	6.7
Kyrgyzstan	4 898	5 507	64.7	64.6	35.3	35.4	28.4	26.2	20.4	29.9	4.3
Tajikistan	6 173	6 977	73.5	73.4	26.5	26.6	49.1	33.9	27.4	36.5	3.4
Turkmenistan	4 501	5 105	54.1	51.3	45.9	48.7	10.7	33.4	29.7	28.9	4.1
Uzbekistan	24 650	29 341	62.6	63.8	37.4	36.2	67.1	27.8	20.6	28.8	4.3

TABLE 1: Population and structure (continued)

	Population									Age composition	
	total		rural		urban		density	agricultural		between	over
	thousand people	thousand people	%	%	%	%	people/km ²	share of total	share of total	0-14	65+
	2000	2011	2000	2011	2000	2011	2010	2000	2010	2011	2011
Ireland	3 805	4 487	40.9	37.8	59.1	62.2	64.9	9.5	6.6	21.3	11.9
Isle of Man	77	83	48.2	49.4	51.8	50.6	145.4				
Jersey											
Latvia	2 373	2 220	31.9	32.3	68.1	67.7	36.0	12.1	9.3	14.0	17.8
Lithuania	3 500	3 203	33.0	32.9	67.0	67.1	52.4	14.7	9.8	14.7	16.2
Norway	4 491	4 952	23.9	20.6	76.1	79.4	16.0	5.1	3.7	18.6	15.0
Sark											
Svalbard and Jan Mayen Islands											
Sweden	8 872	9 453	16.0	14.8	84.0	85.2	22.9	3.5	2.5	16.6	18.6
United Kingdom	58 893	62 641	21.3	20.4	78.7	79.6	257.2	1.8	1.5	17.3	16.8
Southern Europe	143 860	154 662	34.3	31.9	65.7	68.1	118.1	8.4	6.1	14.9	18.2
Albania	3 072	3 216	58.3	46.6	41.7	53.4	116.9	48.2	41.8	22.1	9.9
Andorra	65	86	7.6	12.7	92.4	87.3	180.6	9.3	5.9		
Bosnia and Herzegovina	3 694	3 752	57.0	51.7	43.0	48.3	73.7	5.4	2.4	14.7	14.2
Croatia	4 426	4 407	44.4	42.2	55.6	57.8	78.9	8.6	4.3	14.8	17.4
Gibraltar											
Greece	10 917	11 304	40.3	38.5	59.7	61.5	87.8	13.6	9.6	14.6	18.7
Holy See											
Italy	56 942	60 770	32.8	31.6	67.2	68.4	205.6	5.3	3.3	14.1	20.6
Malta	381	419	7.6	5.2	92.4	94.8	1 300.0	1.8	1.0	14.6	14.6
Montenegro	633	632	41.5	36.7	58.5	63.3	47.0		12.8	19.1	12.6
Portugal	10 226	10 637	45.6	39.0	54.4	61.0	116.3	14.6	10.3	15.0	18.2
San Marino	27	32	6.6	5.9	93.4	94.1	525.6	7.4	6.3		
Serbia	9 216	9 055	47.0	43.6	53.0	56.4	92.2		17.4	17.5	14.3
Slovenia	1 989	2 052	49.2	50.1	50.8	49.9	101.7	1.9	0.6	13.9	16.7
Spain	40 263	46 235	23.7	22.6	76.3	77.4	92.4	7.3	4.4	15.1	17.1
The former Yugoslav Republic of Macedonia	2 009	2 064	40.6	40.7	59.4	59.3	81.7	12.9	7.5	17.3	12.0
Western Europe	184 999	191 781	24.3	20.1	75.7	79.9	176.1	3.1	2.0	15.8	18.5
Austria	8 012	8 419	34.2	32.3	65.8	67.7	101.8	5.1	3.4	14.5	17.9
Belgium	10 251	11 008	2.9	2.5	97.1	97.5	359.8	1.8	1.2	16.9	17.6
France	60 911	65 437	23.1	14.3	76.9	85.7	118.8	3.2	2.0	18.4	17.1
Germany	82 212	81 726	26.9	26.1	73.1	73.9	234.6	2.5	1.6	13.4	20.6
Liechtenstein	33	36	84.9	85.6	15.1	14.4	225.2	3.0	2.8		
Luxembourg	436	517	16.2	14.6	83.8	85.4	195.7	2.3	1.4	17.5	13.9
Monaco	35	35	0.0	0.0	100.0	100.0	17 703.5	2.8	2.8		
Netherlands	15 926	16 696	23.2	16.9	76.8	83.1	492.6	3.3	2.5	17.5	15.7
Switzerland	7 184	7 907	26.7	26.3	73.3	73.7	195.7	6.5	4.9	15.1	17.0
Oceania	31 073	37 128	29.5	29.3	70.5	70.7	4.3	21.0	20.0	23.9	10.9
Australia and New Zealand	23 011	27 026	13.1	11.3	86.9	88.7	3.4	5.3	4.5	19.2	13.6
Australia	19 153	22 621	12.8	10.8	87.2	89.2	2.9	4.6	3.9	18.9	13.7
New Zealand	3 858	4 405	14.3	13.8	85.7	86.2	16.6	8.8	7.7	20.4	13.3
Norfolk Island											
Melanesia	6 998	8 929	80.9	81.4	19.1	18.6	16.5	70.9	66.4	37.4	3.2
Fiji	812	868	52.1	47.8	47.9	52.2	47.1	39.5	35.9	28.9	5.0
New Caledonia	213	249	38.2	38.2	61.8	61.8	13.5	36.1	30.8	24.9	8.3
Papua New Guinea	5 379	7 014	86.8	87.5	13.2	12.5	15.1	78.2	72.7	38.7	2.8
Solomon Islands	409	552	84.2	79.5	15.8	20.5	19.2	71.7	67.6	39.5	3.2
Vanuatu	185	246	78.3	75.1	21.7	24.9	19.7	36.7	30.5	37.9	3.5
Micronesia	486	531	35.1	33.7	64.9	66.3	167.0	27.4	23.8	30.4	5.9
Guam	155	182	6.9	6.8	93.1	93.2	333.1	29.0	25.0	27.0	7.3
Kiribati	84	101	57.0	56.1	43.0	43.9	122.9	26.2	23.1		
Marshall Islands	52	55	31.6	28.2	68.4	71.8	300.2	26.8	22.2		
Micronesia (Federated States of)	107	112	77.7	77.4	22.3	22.6	158.7	27.1	23.4	36.1	3.7
Nauru											
Northern Mariana Islands	68	61	9.8	8.5	90.2	91.5	132.4	26.3	23.0		
Palau	19	21	30.0	15.9	70.0	84.1	44.5	26.1	24.4		
Polynesia	579	642	58.3	57.6	41.7	42.4	85.5	34.5	27.0	31.2	6.0
American Samoa	58	70	11.2	6.8	88.8	93.2	342.1	34.7	26.3		
Cook Islands											
French Polynesia	238	274	47.6	48.6	52.4	51.4	74.0	34.5	27.0	24.8	6.6
Niue											
Pitcairn Islands											
Samoa	177	184	78.0	80.1	22.0	19.9	64.7	34.6	27.3	37.4	5.1
Tokelau											
Tonga	98	105	77.0	76.5	23.0	23.5	144.5	34.7	26.9	37.4	5.9
Tuvalu	9	10	54.0	49.4	46.0	50.6	327.6	31.9	30.5		
Wallis and Futuna Islands											

TABLE 2: Demographic indicators

	GNI per capita		Infant mortality		Under-5 mortality		Life expectancy at birth	
	current US\$		per 1,000 live births		per 1,000 live births		total	
	US\$ 2000	US\$ 2011	rate 2000	rate 2011	rate 2000-01*	rate 2010-11*	years 2000	years 2010
World	5 269	9 296	51.9		72.5	54.3	67	70
Africa	678	1 653	87.5		138.1	103.8	53	57
Eastern Africa	275	569	85.4		132.0	86.2	50	56
Burundi	130	250	100.1	86.3	162.7	139.1	46	50
Comoros	380	770	71.7		97.7	81.3	58	61
Djibouti	750		83.0	71.8	103.9	89.5	54	58
Eritrea	170	430	63.5	46.3	94.8	67.8	56	61
Ethiopia	130	400	86.0	51.5	131.5	77.0	52	59
Kenya	420	820	70.0	48.3	109.2	72.8	52	56
Madagascar	250	430	66.8	42.8	98.9	61.6	60	66
Malawi	160	340	98.4	52.9	156.6	82.6	46	53
Mauritius	3 870	8 240	16.4	12.8	17.7	15.1	72	73
Mayotte								
Mozambique	230	470	116.0	71.6	165.8	103.1	47	50
Réunion								
Rwanda	250	570	108.8	38.1	165.4	54.1	47	55
Seychelles	7 420	11 130	11.6		13.7	13.9		73
Somalia			108.3	108.3	180.0	180.0	48	51
Uganda	260	510	85.6	57.9	134.9	89.9	46	54
United Republic of Tanzania	310	540	77.9	45.4	120.4	67.6	50	57
Zambia	310	1 160	91.0	52.7	148.3	82.9	42	48
Zimbabwe	490	640	62.8	42.8	105.2	67.1	45	50
Middle Africa	301	1 224	110.2		175.1	160.0	47	49
Angola	420	4 060	118.7	96.4	195.4	157.6	45	51
Cameroon	630	1 210	86.3	79.2	138.9	127.2	50	51
Central African Republic	280	470	112.3	108.2	171.4	163.5	44	48
Chad	180	690	105.0	97.1	186.7	169.0	48	49
Congo	560	2 270	69.5	63.8	108.0	98.8	54	57
Democratic Republic of the Congo	90	190	117.3	110.6	181.4	167.7	46	48
Equatorial Guinea	1 270	14 540	97.6	79.6	149.1	118.1	49	51
Gabon	3 080	7 980	60.3	49.3	81.6	65.6	60	62
Sao Tome and Principe		1 360	60.3	58.2	92.3	88.8	62	64
Northern Africa	1 309	3 187	43.9		56.8	40.5	68	71
Algeria	1 600	4 470	38.8	25.6	43.6	29.8	70	73
Egypt	1 440	2 600	35.6	18.0	41.5	21.1	69	73
Libya			21.5	12.8	25.9	16.2	73	75
Morocco	1 310	2 970	44.2	28.2	50.5	32.8	69	72
South Sudan			100.1	76.0	164.5	120.5		
Sudan	320		66.6	56.6	102.3	86.0	57	61
Sudan (former)								
Tunisia	2 300	4 070	24.7		27.9	17.2	73	75
Western Sahara								
Southern Africa	2 884	6 604	54.2		79.5	54.7	54	52
Botswana	3 120	7 480	50.5	20.3	80.8	25.9	51	53
Lesotho	530	1 220	82.6	62.6	119.0	86.0	48	47
Namibia	1 950	4 700	48.2	29.6	74.5	41.5	58	62
South Africa	3 050	6 960	52.3		76.3	52.6	55	52
Swaziland	1 600	3 300	77.1	69.0	118.1	103.6	49	48
Western Africa	316	1 013	102.8		170.4	126.6	49	54
Benin	370	780	86.6	67.9	136.2	106.0	53	56
Burkina Faso	230	570	94.6	81.6	177.9	146.4	50	55
Cape Verde	1 330	3 540	31.6	18.2	36.9	21.3	69	74
Côte d'Ivoire	650	1 100	94.9	81.2	136.7	114.9	50	55
Gambia	630	610	67.0	57.6	127.5	100.6	55	58
Ghana	340	1 410	63.8	51.8	96.8	77.6	58	64
Guinea	400	440	105.3	78.9	169.0	125.8	48	54
Guinea-Bissau	180	600	111.4	98.0	183.6	160.6	45	48
Liberia	190	240	112.0	58.2	153.6	78.3	46	56
Mali	230	610	113.9	98.2	210.6	175.6	47	51
Mauritania	530	1 000	77.9	75.6	117.2	112.1	57	58
Niger	180	360	97.0	66.4	205.1	124.5	48	54
Nigeria	270	1 200	112.5	78.0	181.3	124.1	46	51
Saint Helena, Ascension and Tristan da Cunha								
Senegal	530	1 070	67.0	46.7	124.8	64.8	56	59
Sierra Leone	150	340	145.5	119.2	235.5	185.3	40	47
Togo	300	560	78.7	72.9	126.0	110.1	55	57

TABLE 2: Demographic indicators (continued)

	GNI per capita		Infant mortality		Under-5 mortality		Life expectancy at birth	
	current US\$		per 1,000 live births		per 1,000 live births		total	
	US\$ 2000	US\$ 2011	rate 2000	rate 2011	rate 2000-01*	rate 2010-11*	years 2000	years 2010
Americas	15 092	23 144	22.2		25.7	17.8	74	76
Latin America and the Caribbean	3 938	8 594	28.1		32.3	22.3	72	74
Anguilla					14.8			
Antigua and Barbuda	8 490	12 060	12.7					
Argentina	7 460	9 740	18.1	12.6	19.7	14.1	74	76
Aruba							74	75
Bahamas	20 350		13.8	14.1	16.7	16.2	72	75
Barbados	9 090		15.1	17.7	17.3	19.7	75	77
Belize	3 110	3 690	22.2		25.2	17.6	74	76
Bolivia (Plurinational State of)	1 000	2 040	59.1	39.3	77.1	50.6	63	66
Bonaire, Sint Eustatius and Saba								
Brazil	3 860	10 720	31.2	13.9	33.6	15.6	70	73
British Virgin Islands								
Cayman Islands								
Chile	4 840	12 280	9.1	7.7	10.4	8.7	77	79
Colombia	2 350	6 110	21.1	15.4	24.3	17.7	71	73
Costa Rica	3 710	7 660	11.0	8.6	12.3	10.1	78	79
Cuba	2 620		6.6	4.5	8.1	5.8	76	79
Curaçao								
Dominica	3 500	7 090						
Dominican Republic	2 620	5 240	31.3	20.9	37.0	24.7	71	73
Ecuador	1 330	4 140	28.1	19.6	32.9	22.8	73	75
El Salvador	2 110	3 480	28.0	13.1	31.6	15.2	70	72
Falkland Islands (Malvinas)								
French Guiana								
Grenada	4 150	7 220	13.1	10.3	15.5	12.8	73	76
Guadeloupe								
Guatemala	1 730	2 870	37.2	24.2	46.2	30.4	68	71
Guyana	890		38.9	29.4	47.9	35.9	64	70
Haiti		700	73.2	52.9	98.5	70.0	58	62
Honduras	940	1 970	28.8	18.2	33.5	21.4	70	73
Jamaica	3 310	4 980	21.5		24.8	19.0	70	73
Martinique								
Mexico	5 010	9 240	24.1		27.5	16.6	74	77
Montserrat								
Nicaragua	730	1 170	34.1	21.6	40.4	25.6	70	74
Panama	3 730	7 910	21.0	16.7	25.1	19.5	74	76
Paraguay	1 350	2 970	29.0	19.1	33.8	22.4	70	72
Peru	2 060	5 500	29.8	14.1	36.3	18.1	70	74
Puerto Rico	10 550						77	79
Saint Barthélemy								
Saint Kitts and Nevis	6 880	12 480			15.1			
Saint Lucia	4 170	6 680	15.1	13.8	17.9	15.6	71	74
Saint-Martin (French Part)								
Saint Vincent and the Grenadines	3 130	6 100	18.7	19.5	21.7	20.9	70	72
Sint Maarten (Dutch Part)								
Suriname	1 930		34.6	26.0	38.6	29.5	68	70
Trinidad and Tobago	5 200	15 040	28.2	24.5	31.6	27.7	68	70
Turks and Caicos Islands								
United States Virgin Islands							78	79
Uruguay	7 100	11 860	14.8		16.6	10.8	75	76
Venezuela (Bolivarian Republic of)	4 100	11 920	19.0		21.5	15.6	73	74
Northern America	33 633	48 162	7.0		8.2	7.3	77	78
Bermuda							78	79
Canada	22 130	45 560	5.3		6.2	5.6	79	81
Greenland	20 290						66	
Saint Pierre and Miquelon								
United States of America	34 890	48 450	7.1		8.4	7.5	77	78
Asia	2 323	5 034	48.3		61.9	44.0	67	70
Central Asia	719	3 347	52.1		60.8	45.3	66	68
Kazakhstan	1 260	8 220	36.5		40.7	29.2	66	68
Kyrgyzstan	280	920	40.6		45.3	31.7	69	69
Tajikistan	170	870	75.5	52.8	91.6	63.3	64	67
Turkmenistan	650	4 110	58.7	44.6	69.3	52.5	64	65
Uzbekistan	630	1 510	51.0		59.4	49.6	67	68

TABLE 2: Demographic indicators (continued)

	GNI per capita		Infant mortality		Under-5 mortality		Life expectancy at birth	
	current US\$		per 1,000 live births		per 1,000 live births		total	
	US\$ 2000	US\$ 2011	rate 2000	rate 2011	rate 2000-01*	rate 2010-11*	years 2000	years 2010
Eastern Asia	4 336	8 950	26.8		30.6	15.3	72	74
China, Hong Kong SAR	26 570	35 160					81	83
China, Macao SAR	14 640						79	81
China	930	4 940	28.8		32.7	15.9	71	73
Democratic People's Republic of Korea			41.8	26.3	48.9	33.2	65	69
Japan	35 040	45 180	3.3		4.3	3.2	81	83
Mongolia	460	2 320	48.6	25.5	59.4	30.7	63	68
Republic of Korea	9 910	20 870	4.9		5.7	4.9	76	81
South-Eastern Asia	1 135	3 322	34.8		45.0	30.3	67	70
Brunei Darussalam	14 960		7.3	5.6	9.4	7.2	76	78
Cambodia	290	830	76.4	36.2	94.5	42.5	57	63
Indonesia	560	2 940	37.6	24.8	50.5	31.8	66	69
Lao People's Democratic Republic	280	1 130	60.1	33.8	76.4	41.9	61	67
Malaysia	3 420	8 420	9.1	5.6	10.1	6.5	72	74
Myanmar			61.5	47.9	81.7	62.4	62	65
Philippines	1 050	2 210	29.4	20.2	37.3	25.4	67	68
Singapore	24 500	42 930	2.9		3.7	2.6	78	82
Thailand	1 930	4 420	15.9	10.6	17.9	12.3	73	74
Timor-Leste			85.7	45.8	102.8	54.1	56	62
Viet Nam	390	1 260	26.2		32.5	22.6	72	75
Southern Asia	501	1 319	65.0		85.0	63.1	62	66
Afghanistan			94.9		132.8	103.9	45	48
Bangladesh	380	770	62.0	36.7	80.0	46.0	65	69
Bhutan	720	2 070	65.0	42.0	85.2	53.7	61	67
India	450	1 410	64.2	47.2	85.0	61.3	62	65
Iran (Islamic Republic of)	1 630		35.3		41.4	26.2	70	73
Maldives	2 140	6 530	41.3	9.2	45.3	10.7	70	77
Nepal	220	540	61.8	39.0	78.9	48.0	62	68
Pakistan	470	1 120	75.9		93.0	73.7	63	65
Sri Lanka	860	2 580	16.4		18.4	12.6	71	75
Western Asia	4 361	10 846	33.0		40.6	31.1	70	73
Armenia	660	3 360	26.3	15.6	28.3	17.5	71	74
Azerbaijan	610	5 290	56.7		66.4	46.4	67	71
Bahrain	10 940		10.7	8.6	12.2	10.0	74	75
Cyprus	13 440		5.4	2.6	6.2	3.1	78	79
Georgia	750	2 860	28.6		31.3	21.5	72	73
Iraq		2 640	34.4		42.3	38.6	71	68
Israel	17 830	28 930	5.6		6.6	4.5	79	82
Jordan	1 790	4 380	23.9		27.2	21.1	72	73
Kuwait	18 950		10.5		12.5	11.0	74	75
Lebanon	4 730	9 110	16.3	8.0	17.8	9.3	71	72
Occupied Palestinian Territory	1 560		26.1		29.3	22.6	71	73
Oman	7 130		17.7	7.3	20.1	8.7	74	73
Qatar		80 440	10.5	6.4	12.1	7.7	76	78
Saudi Arabia	8 390	17 820	17.6		19.1	9.9	71	74
Syrian Arab Republic	990		19.4		22.0	15.9	74	76
Turkey	4 170	10 410	28.4	11.5	32.8	15.2	69	74
United Arab Emirates		40 760	10.6	5.6	11.7	6.6	75	77
Yemen	420	1 070	71.4	57.0	96.9	76.5	60	65
Europe	13 752	27 087	9.2		10.5	7.2	74	77
Eastern Europe	2 055	9 484	15.6		17.6	10.9	68	71
Belarus	1 380	5 830	10.9		12.8	6.1	69	70
Bulgaria	1 620	6 550	17.7		19.9	12.7	72	74
Czech Republic		18 520	5.6		6.3	4.1	75	77
Hungary	4 580	12 730	9.5		10.4	6.6	71	74
Poland	4 600	12 480	8.3		9.0	6.1	74	76
Republic of Moldova	370	1 980	20.2	13.8	22.9	16.0	67	69
Romania	1 690	7 910	23.2		25.7	13.6	71	73
Russian Federation	1 710	10 400	17.8		20.3	12.5	65	69
Slovakia	5 440	16 070	9.9		11.2	8.0	73	75
Ukraine	700	3 120	15.9		17.6	10.7	68	70
Northern Europe	25 705	41 965	5.5		6.4	4.8	77	80
Åland Islands								
Channel Islands	43 420						78	80
Denmark	31 830	60 390	4.6		5.5	3.9	77	79
Estonia		15 200	8.4		10.1	4.1	70	75
Faroe Islands							79	
Finland	25 440	48 420	3.5		4.2	3.0	77	80
Guernsey								
Iceland	30 800	35 020	3.0		3.7	2.6	80	81

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	US\$ 2000	US\$ 2011	rate 2000	rate 2011	rate 2000-01*	rate 2010-11*	years 2000	years 2010
Ireland		38580	5.8		6.7	4.1	77	80
Isle of Man	21920							
Jersey								
Latvia	3210	12350	14.5		16.1	8.9	70	73
Lithuania	3200	12280	9.4		11.2	6.2	72	73
Norway	35860	88890	3.8		4.7	3.2	79	81
Sark								
Svalbard and Jan Mayen Islands								
Sweden	29490	53230	3.4		4.0	2.9	80	81
United Kingdom	26010	37780	5.6		6.5	5.3	78	80
Southern Europe	15200	27839	6.6		7.3	4.8	78	80
Albania	1170	3980	23.3	12.8	25.0	14.3	74	77
Andorra	18790		4.0		4.8	3.5		
Bosnia and Herzegovina	1510	4780	8.2	6.7	9.3	7.7	74	75
Croatia	5220	13850	7.3		8.0	5.3	73	76
Gibraltar								
Greece	12460	25030	6.8		7.2	4.6	78	80
Holy See								
Italy	21010	35330	4.8		5.3	3.9	79	82
Malta	10510		6.5		7.5	6.1	78	81
Montenegro		7060	11.3	6.5	12.0	7.2	75	74
Portugal	12100	21250	5.5		6.7	3.6	76	79
San Marino						1.9	81	83
Serbia	1400	5252	11.0		11.9	7.4	71	73
Slovenia	11150	23610	4.5		5.2	3.0	75	79
Spain	15420	30990	5.5		6.4	4.5	79	82
The former Yugoslav Republic of Macedonia	1830	4730	14.3	8.7	15.6	9.6	73	75
Western Europe	25753	45691	4.5		5.3	4.2	78	81
Austria	26000	48300	4.6		5.4	4.3	78	80
Belgium	25430	46160	4.7		5.6	4.4	78	80
France	24270	42420	4.4		5.2	4.2	79	81
Germany	25300	43980	4.4		5.2	4.1	78	80
Liechtenstein	79660		5.3		5.5	2.1		
Luxembourg	43660	78130	3.9		4.7	3.3	78	80
Monaco	82960							
Netherlands	26580	49730	5.1		6.0	4.2	78	81
Switzerland	40270	76380	4.7		5.6	4.5	80	82
Oceania	15287	1896	23.9		30.9	24.8	75	77
Australia and New Zealand	20002		5.3		6.3	4.9	79	82
Australia	21260		5.1		6.1	4.7	79	82
New Zealand	13760		6.0	4.7	7.2	5.9	79	81
Norfolk Island								
Melanesia	1259	1715	48.2		62.6	52.5	61	64
Fiji	2230	3680	19.0	14.1	21.8	16.4	68	69
New Caledonia	14020						75	76
Papua New Guinea	620	1480	54.0	44.8	70.7	57.8	59	62
Solomon Islands	1020	1110	25.4	18.4	29.6	21.6	63	67
Vanuatu	1430	2870	19.5	11.4	21.9	13.2	68	71
Micronesia	2370	3126	37.0		46.0	42.0	68	73
Guam							74	76
Kiribati	1380	2110					60	
Marshall Islands	2850	3910					65	
Micronesia (Federated States of)	2220	2900	38.5	33.5	48.0	41.5	67	69
Nauru								
Northern Mariana Islands								
Palau	6250	7250	19.7		24.3		70	
Polynesia	8288	3386	18.5		21.2	17.7	71	74
American Samoa								
Cook Islands								
French Polynesia	15970						72	75
Niue								
Pitcairn Islands								
Samoa	1420	3190	19.3	16.0	22.3	18.7	69	72
Tokelau								
Tonga	2030	3580	16.8	13.2	19.1	15.4	71	72
Tuvalu		5010						
Wallis and Futuna Islands								

TABLE 3: Economy

	Gross domestic product		Value added, share of GDP			Share of GDP		
	total current US\$		agriculture	industry	services	trade	FDI	ODA
	billion US\$ 2000	billion US\$ 2011	% 2009-11*	% 2009-11*	% 2009-11*	% 2010	% 2010	% 2010
World	31 972	68 474	2.9	25.3	71.8	55.3	2.3	0.0
Africa	589	1 825	14.0	34.6	51.4	62.8	2.3	0.0
Eastern Africa	66	188	27.4	21.8	50.9	72.4	3.4	0.1
Burundi	1	2	35.2	18.6	46.3	42.6	0.0	0.3
Comoros	0	1	46.3	12.1	41.6		1.7	0.1
Djibouti	1							
Eritrea	1	3	14.5	22.4	63.0		2.6	0.1
Ethiopia	8	32	41.9	12.6	45.5	43.9	1.0	0.1
Kenya	13	34	23.1	19.2	57.7	65.4	0.6	0.1
Madagascar	4	10	29.1	16.0	54.9		9.9	0.1
Malawi	2	6	30.5	16.1	53.4	77.8	2.8	0.2
Mauritius	5	11	3.5	26.6	69.9	116.3	4.4	0.0
Mayotte								
Mozambique	4	13	32.0	24.2	43.8	71.3	8.6	0.2
Réunion								
Rwanda	2	6	32.2	15.0	52.8	41.5	0.8	0.2
Seychelles	1	1	1.8	17.9	80.3		17.4	0.1
Somalia								
Uganda	6	17	23.4	25.4	51.1	57.7	3.2	0.1
United Republic of Tanzania	10	24	27.1	26.5	46.4	63.8	1.9	0.1
Zambia	3	19	20.7	37.7	41.5	79.1	10.7	0.1
Zimbabwe	7	10	12.8	22.9	64.3	126.3	1.4	0.1
Middle Africa	35	206	20.1	47.5	32.5	84.3	2.5	0.0
Angola	9	101	10.1	60.2	29.8	105.3	-3.9	0.0
Cameroon	10	25				61.0	-0.0	0.0
Central African Republic	1	2	56.5	14.8	28.7		3.6	0.1
Chad	1	9				100.0	9.1	0.1
Congo	3	15	3.7	76.8	19.4	139.8	23.5	0.1
Democratic Republic of the Congo	4	16	42.9	24.0	33.0	64.9	22.4	0.3
Equatorial Guinea	1	20	3.2	92.6	4.2		4.8	0.0
Gabon	5	17	3.7	60.6	35.6	97.3	1.3	0.0
Sao Tome and Principe		0					12.3	0.2
Northern Africa	259	619	12.9	40.5	46.6	58.1	2.3	0.0
Algeria	55	189	6.9	62.1	31.0	52.3	1.4	0.0
Egypt	100	230	13.9	36.7	49.3	47.5	2.9	0.0
Libya	34							
Morocco	37	100	15.1	29.9	55.1	75.9	1.4	0.0
South Sudan								
Sudan	12	55	27.2	39.8	33.0	38.7	3.1	0.0
Sudan (former)								
Tunisia	21	46	8.3	33.3	58.3	102.8	3.2	0.0
Western Sahara								
Southern Africa	145	445	3.3	31.8	64.9	57.8	0.6	0.0
Botswana	6	18	2.5	46.8	50.8	72.9	1.8	0.0
Lesotho	1	2	7.8	33.7	58.5	157.7	5.4	0.1
Namibia	4	12	7.3	19.6	73.1	83.9	7.1	0.0
South Africa	133	408	2.4	30.6	67.0	54.9	0.3	0.0
Swaziland	2	4	7.9	45.8	46.3	123.0	3.7	0.0
Western Africa	84	368	25.2	26.0	48.8	71.7	3.6	0.0
Benin	2	7				42.3	1.7	0.1
Burkina Faso	3	10					0.4	0.1
Côte d'Ivoire	10	24	24.3	30.3	45.4	76.7	1.8	0.0
Cape Verde	1	2	10.4	17.8	71.8	105.7	6.7	0.2
Gambia	1	1	29.9	12.0	58.1	60.8	3.6	0.1
Ghana	5	39	27.3	25.3	47.4	70.6	7.9	0.1
Guinea	3	5	13.0	47.2	39.4	74.1	2.1	0.1
Guinea-Bissau	0	1					1.1	0.2
Liberia	1	1				134.5	45.8	1.8
Mali	2	11					1.6	0.1
Mauritania	1	4	16.3	46.2	37.5	135.6	0.4	0.1
Niger	2	6					17.5	0.1
Nigeria	46	236				69.1	3.1	0.0
Saint Helena, Ascension and Tristan da Cunha								
Senegal	5	14	17.8	23.7	58.4	67.8	1.8	0.1
Sierra Leone	1	2	44.4	18.2	37.4	46.6	4.5	0.2
Togo	1	4	43.2	15.9	40.9	91.1	1.3	0.1

TABLE 3: Economy (continued)

	Gross domestic product		Value added, share of GDP			Share of GDP		
	total current US\$		agriculture	industry	services	trade	FDI	ODA
	billion US\$ 2000	billion US\$ 2011	% 2009-11*	% 2009-11*	% 2009-11*	% 2010	% 2010	% 2010
Americas	12 763	22 428	1.9	21.4	76.7	33.7	1.8	0.0
Latin America and the Caribbean	2 135	5 598	5.9	31.1	63.0	47.3	2.4	0.0
Anguilla								
Antigua and Barbuda	1	1	2.0	19.9	78.1	102.8	8.4	0.0
Argentina	284	446	9.1	26.3	64.6	40.1	1.9	0.0
Aruba	2							
Bahamas	6	8	2.2	16.0	81.8	91.6	11.2	0.0
Barbados	3	4	3.0	23.2	73.8	99.7	16.3	
Belize	1	1					6.9	0.0
Bolivia (Plurinational State of)	8	24	11.7	34.1	54.2	75.5	3.2	0.0
Bonaire, Sint Eustatius and Saba								
Brazil	645	2 477	5.5	27.5	67.0	22.8	2.3	0.0
British Virgin Islands								
Cayman Islands								
Chile	75	249	3.4	39.1	57.5	70.0	7.0	0.0
Colombia	100	332	6.8	31.6	61.6	33.6	2.4	0.0
Costa Rica	16	41	7.0	27.4	65.6	78.4	4.0	0.0
Cuba	31		5.0	20.5	74.5	38.6		
Curaçao								
Dominica	0	0	13.2	14.9	71.9	86.1	5.2	0.1
Dominican Republic	24	56	6.1	32.5	61.4	56.3	3.2	0.0
Ecuador	16	67	7.5	40.9	51.6	71.6	0.3	0.0
El Salvador	13	23	12.7	27.0	60.2	69.1	-0.0	0.0
Falkland Islands (Malvinas)								
French Guiana								
Grenada	1	1	5.3	13.9	80.7	69.9	7.7	0.0
Guadeloupe								
Guatemala	19	47	40.5	29.9	29.6	62.1	2.1	0.0
Guyana	1		21.0	33.1	45.9		11.9	0.1
Haiti	4	7				74.5	2.3	0.5
Honduras	7	17	12.4	26.4	61.2	108.5	5.2	0.0
Jamaica	9	15	5.9	21.1	73.0	70.8	1.6	0.0
Martinique								
Mexico	581	1 155	3.7	34.1	62.2	62.0	2.0	0.0
Montserrat								
Nicaragua	4	7	21.5	31.1	47.4	112.3	7.7	0.1
Panama	12	31	4.0	16.9	79.1	143.1	8.8	0.0
Paraguay	7	24	22.0	19.2	58.8	112.1	1.9	0.0
Peru	53	177	7.8	33.7	58.4	48.4	4.8	-0.0
Puerto Rico	62		0.6	50.1	49.3	170.2		0.0
Saint Barthélemy								
Saint Kitts and Nevis	0	1	1.7	16.4	81.8	69.3	17.9	0.0
Saint Lucia	1	1	3.2	16.6	80.2	107.5	9.2	0.0
Saint-Martin (French Part)								
Saint Vincent and the Grenadines	0	1	6.9	19.2	73.9	84.0	15.3	0.0
Sint Maarten (Dutch Part)								
Suriname	1		10.9	37.8	51.3		-5.9	0.0
Trinidad and Tobago	8	22	0.6	52.4	47.0		2.6	0.0
Turks and Caicos Islands								
United States Virgin Islands								
Uruguay	23	47	10.1	24.7	65.2	52.9	4.1	0.0
Venezuela (Bolivarian Republic of)	117	316				45.6	0.3	0.0
Northern America	10 628	16 830	1.1	19.6	79.3	31.1	1.6	0.0
Bermuda	3		0.8	7.8	91.4		7.0	
Canada	725	1 736				60.7	1.5	0.0
Greenland	1							
Saint Pierre and Miquelon								
United States of America	9 899	15 094	1.2	20.0	78.8	29.0	1.6	0.0
Asia	8 870	21 920	5.0	31.2	63.8	60.2	2.3	0.0
Central Asia	37	268	12.9	37.6	49.5	73.7	6.5	0.0
Kazakhstan	18	186	5.3	44.3	50.4	73.2	7.3	0.0
Kyrgyzstan	1	6	19.8	28.7	51.5	141.4	9.1	0.1
Tajikistan	1	7	19.9	20.2	60.0	76.3	0.3	0.1
Turkmenistan	3	24	12.0	54.0	34.0	106.3	10.4	0.0
Uzbekistan	14	45	18.9	36.1	45.0	61.8	2.1	0.0

TABLE 3: Economy (continued)

	Gross domestic product		Value added, share of GDP			Share of GDP		
	total current US\$		agriculture	industry	services	trade	FDI	ODA
	billion US\$ 2000	billion US\$ 2011	% 2009-11*	% 2009-11*	% 2009-11*	% 2010	% 2010	% 2010
Eastern Asia	6 639	14 591	2.8	29.7	67.5	51.0	2.0	0.0
China, Hong Kong SAR	169	244	0.1	7.4	92.6	440.3	31.7	0.0
China, Macao SAR	6	36	0.0	7.4	92.6	156.7	12.3	0.0
China	1 198	7 318	10.0	46.6	43.3	55.2	3.1	0.0
Democratic People's Republic of Korea								
Japan	4 731	5 867	1.2	27.4	71.5	29.2	-0.0	0.0
Mongolia	1	9	15.3	36.3	48.3	117.1	23.5	0.1
Republic of Korea	533	1 116	2.6	39.3	58.2	102.0	-0.0	0.0
South-Eastern Asia	601	2 082	10.9	40.0	49.2	156.9	4.5	0.0
Brunei Darussalam	6		0.8	66.8	32.5	114.3	4.0	
Cambodia	4	13	36.0	23.3	40.7	113.6	7.0	0.1
Indonesia	165	847	16.9	44.9	38.3	47.5	1.9	0.0
Lao People's Democratic Republic	2	8	30.8	34.7	34.5	73.5	3.9	0.1
Malaysia	94	279	10.6	44.4	45.0	176.8	3.9	0.0
Myanmar								
Philippines	81	225	13.0	30.0	56.9	71.4	0.7	0.0
Singapore	96	240	0.0	26.6	73.4	385.9	18.1	0.0
Thailand	123	346	12.4	43.5	44.1	135.1	3.0	-0.0
Timor-Leste	0	1					32.0	0.1
Viet Nam	31	124	19.7	40.6	39.7	165.3	7.5	0.0
Southern Asia	720	2 272	18.3	27.3	54.4	47.5	1.4	0.0
Afghanistan		20	29.9	22.2	47.9	69.0	0.4	0.4
Bangladesh	47	111	18.4	28.6	53.0	43.4	0.9	0.0
Bhutan	0	2	18.7	43.2	38.1		1.3	0.1
India	475	1 848	17.2	26.4	56.4	49.7	1.4	0.0
Iran (Islamic Republic of)	101							
Maldives	1	2	3.1	14.5	82.3	107.6	7.9	0.1
Nepal	5	19	38.1	15.3	46.6	46.0	0.5	0.1
Pakistan	74	211	21.6	25.3	53.1	32.3	1.1	0.0
Sri Lanka	16	59	13.7	27.8	58.5	52.5	1.0	0.0
Western Asia	872	2 707	6.3	41.6	52.2	80.0	2.5	0.0
Armenia	2	10	20.7	37.1	42.2	65.4	6.1	0.0
Azerbaijan	5	63	5.8	66.8	27.4	73.9	1.1	0.0
Bahrain	8						0.7	0.0
Cyprus	9	25				86.7	3.5	0.0
Georgia	3	14	7.2	18.2	74.6	87.3	7.0	0.1
Iraq	26	115					1.8	0.0
Israel	125	243				71.8	2.4	0.0
Jordan	8	29	3.3	31.1	65.6	116.8	6.4	0.0
Kuwait	38	177				86.4	0.1	0.0
Lebanon	17	42	6.2	21.4	72.4	64.7	11.0	0.0
Occupied Palestinian Territory	4							
Oman	20	72					2.0	-0.0
Qatar	18	173					4.3	0.0
Saudi Arabia	188	577	2.5	59.8	37.8	96.7	4.8	0.0
Syrian Arab Republic	19		22.9	30.6	46.5	71.1	2.5	0.0
Turkey	267	773	9.2	27.1	63.8	48.0	1.2	0.0
United Arab Emirates	104	360	0.9	55.5	43.6	146.7	1.3	0.0
Yemen	10	34	7.7	29.4	62.9	65.1	0.2	0.0
Europe	9 268	20 909	1.6	24.7	73.6	78.5	2.9	0.0
Eastern Europe	660	3 284	4.7	32.3	63.0	85.3	1.2	0.0
Belarus	13	55	8.1	41.0	50.9	121.8	2.5	0.0
Bulgaria	13	54	5.3	31.4	63.4	117.4	3.3	0.0
Czech Republic	59	215				132.5	3.1	0.0
Hungary	46	140	3.5	31.0	65.4	166.6	-29.2	0.0
Poland	171	514	3.5	31.6	64.8	85.7	1.9	0.0
Republic of Moldova	1	7	13.5	12.4	74.2	117.8	3.4	0.1
Romania	37	180	7.0	25.4	67.6	53.2	1.8	0.0
Russian Federation	260	1 858	4.0	36.7	59.3	51.5	2.9	0.0
Slovakia	29	96	3.9	34.9	61.2	163.8	0.6	0.0
Ukraine	31	165	8.3	31.4	60.3	104.3	4.8	0.0
Northern Europe	2 315	4 379	1.0	23.7	75.3	75.3	2.3	0.0
Åland Islands								
Channel Islands	6							
Denmark	160	333	1.2	21.9	76.9	95.4	-2.5	0.0
Estonia	6	22				152.0	8.2	0.0
Faroe Islands	1							
Finland	122	266	2.9	29.0	68.1	79.4	2.9	0.0
Guernsey								
Iceland	9	14	7.2	25.2	67.6	102.2	2.1	0.0

TABLE 3: Economy (continued)

	Gross domestic product		Value added, share of GDP			Share of GDP		
	total current US\$		agriculture	industry	services	trade	FDI	ODA
	billion US\$ 2000	billion US\$ 2011	% 2009-11*	% 2009-11*	% 2009-11*	% 2010	% 2010	% 2010
Ireland	98	217	1.0	31.9	67.1	183.1	13.2	0.0
Isle of Man	2							
Jersey								
Latvia	8	28	4.1	21.8	74.1	109.0	1.5	0.0
Lithuania	11	43	3.5	28.2	68.3	138.2	2.1	0.0
Norway	168	486	1.6	40.2	58.2	69.9	2.8	0.0
Sark								
Svalbard and Jan Mayen Islands								
Sweden	247	538	1.8	26.4	71.8	93.2	-0.4	0.0
United Kingdom	1 477	2 432	0.7	21.7	77.6	62.8	2.4	0.0
Southern Europe	1 995	4 441	2.3	25.5	72.2	57.5	1.4	0.0
Albania	4	13	20.0	19.4	60.6	81.0	9.4	0.0
Andorra	1							
Bosnia and Herzegovina	6	18	8.7	26.2	65.1	92.3	1.4	0.0
Croatia	22	64	5.5	27.4	67.1	77.2	0.7	0.0
Gibraltar								
Greece	124	299				51.9	0.1	0.0
Holy See								
Italy	1 104	2 195	1.9	25.2	72.9	55.2	0.5	0.0
Malta	4	9	1.9	32.7	65.4	172.9	12.2	0.0
Montenegro	1	5	10.1	20.0	69.9	99.2	18.5	0.0
Portugal	117	238	2.4	23.1	74.5	69.2	1.2	0.0
San Marino	1							
Serbia	8	51					4.1	0.0
Slovenia	20	50	2.5	31.6	65.9	130.3	0.8	0.0
Spain	580	1 491	2.7	26.0	71.3	56.1	3.0	0.0
The former Yugoslav Republic of Macedonia	4	10	11.1	27.5	60.9	113.9	2.3	0.0
Western Europe	4 298	8 805	1.2	23.9	74.9	88.3	4.5	0.0
Austria	192	418	1.5	29.1	69.4	103.6	-6.7	0.0
Belgium	233	512	0.7	21.8	77.5	157.2	17.7	0.0
France	1 326	2 773	1.8	19.1	79.2	53.3	1.3	0.0
Germany	1 886	3 571	0.9	28.2	71.0	88.2	1.4	0.0
Liechtenstein	2							
Luxembourg	20	59	0.3	13.3	86.4	298.8	392.3	0.0
Monaco	3							
Netherlands	385	836	2.0	23.9	74.1	148.6	-1.4	0.0
Switzerland	250	636	1.1	27.1	71.8	95.8	4.1	0.0
Oceania	482	1 392	3.3	21.4	75.4	43.4	2.5	0.0
Australia and New Zealand	468	1 372	2.4	21.3	76.4	41.7	2.5	0.0
Australia	417	1 372	2.3	19.8	77.9	39.9	2.7	0.0
New Zealand	52					54.8	0.5	0.0
Norfolk Island								
Melanesia	9	18	28.4	33.2	38.4	110.4	3.6	0.1
Fiji	2	4	12.1	19.8	68.6	117.4	6.2	0.0
New Caledonia	3							
Papua New Guinea	4	13	35.9	44.6	19.5	108.9	0.3	0.1
Solomon Islands	0	1	38.9	6.1	55.0	92.6	35.1	0.6
Vanuatu	0	1	19.7	9.9	70.4	102.4	5.6	0.2
Micronesia	1	1	28.6	9.5	61.8		3.2	0.3
Guam								
Kiribati	0	0	28.6	9.5	61.8		2.4	0.1
Marshall Islands	0	0					5.3	0.5
Micronesia (Federated States of)	0	0					3.4	0.4
Nauru								
Northern Mariana Islands								
Palau	0	0					1.4	0.2
Polynesia	4	1	15.1	23.2	61.7	83.3	1.9	0.2
American Samoa								
Cook Islands								
French Polynesia	3							
Niue								
Pitcairn Islands								
Samoa	0	1	9.8	28.2	62.0	90.8	0.1	0.3
Tokelau								
Tonga	0	0	20.3	17.8	61.9	72.4	4.5	0.2
Tuvalu	0	0					4.8	0.3
Wallis and Futuna Islands								

TABLE 4: Land

	Land area				Agricultural area				Cropland per capita
	total	agricultural	forest	other	total	arable	permanent		
	million ha	%	%	%	thousand ha	%	crops	meadows & pastures	ha/cap
							%	%	
	2009	2009	2009	2009	2009	2009	2009	2009	2009
World	13 003	37.6	31.1	31.7	4 889 048	28.3	3.1	68.8	0.2
Africa	2 965	39.2	22.9	39.3	1 161 062	19.3	2.5	78.4	0.2
Eastern Africa	606	50.4	30.2	24.2	305 094	19.4	2.4	78.2	0.2
Burundi	3	83.7	6.8	9.5	2 150	41.9	16.3	41.9	0.2
Comoros	0	83.3	1.8	14.9	155	51.6	38.7	9.7	0.2
Djibouti	2	73.4	0.2	26.3	1 702	0.1		99.9	0.0
Eritrea	10	75.2	15.2	9.6	7 592	9.1	0.0	90.9	0.1
Ethiopia	100	35.0	12.4	52.6	34 985	39.9	3.0	57.2	0.2
Kenya	57	48.1	6.1	45.8	27 350	19.7	2.4	77.9	0.2
Madagascar	58	70.2	21.7	8.1	40 845	7.2	1.5	91.3	0.2
Malawi	9	59.1	34.7	6.2	5 572	64.6	2.2	33.2	0.3
Mauritius	0	48.3	17.2	34.5	98	88.8	4.1	7.1	0.1
Mayotte	0	53.3	37.4	9.3	20	35.0	65.0		
Mozambique	79	62.7	49.9		49 300	10.2	0.5	89.2	0.2
Réunion	0	18.8	35.0	46.2	47	69.6	6.2	24.2	
Rwanda	2	81.1	17.2	1.7	2 000	65.0	14.0	21.0	0.2
Seychelles	0	6.5	88.5	5.0	3	33.3	66.7		0.0
Somalia	63	70.2	10.9	18.9	44 028	2.3	0.1	97.7	0.1
Uganda	20	69.9	15.4	14.7	13 962	47.3	16.1	36.6	0.3
United Republic of Tanzania	89	40.1	38.2	21.7	35 500	28.2	4.2	67.6	0.3
Zambia	74	31.5	66.8	1.8	23 385	14.3	0.1	85.5	0.3
Zimbabwe	39	42.4	41.2	16.4	16 400	25.5	0.7	73.8	0.3
Middle Africa	650	24.7	48.3	28.3	160 732	14.9	1.8	83.3	0.2
Angola	125	46.8	47.0	6.2	58 290	6.9	0.5	92.6	0.2
Cameroon	47	19.8	42.6	37.6	9 363	63.7	15.0	21.4	0.4
Central African Republic	62	8.4	36.3	55.3	5 235	37.2	1.6	61.1	0.5
Chad	126	39.2	9.2	51.6	49 332	8.7	0.1	91.2	0.4
Congo	34	30.9	65.7	3.4	10 560	4.7	0.6	94.7	0.1
Democratic Republic of the Congo	227	9.9	68.1	22.0	22 450	29.8	3.3	66.8	0.1
Equatorial Guinea	3	10.9	58.4	30.7	306	43.1	22.9	34.0	0.3
Gabon	26	19.9	85.4		5 140	6.3	2.9	90.8	0.3
Sao Tome and Principe	0	58.3	28.1	13.5	56	17.9	80.4	1.8	0.3
Northern Africa	838	28.9	9.4	61.7	242 143	17.8	2.3	81.2	0.2
Algeria	238	17.4	0.6	82.0	41 325	18.1	2.3	79.6	0.2
Egypt	100	3.7	0.1	96.2	3 689	78.2	21.8		0.0
Libya	176	8.8	0.1	91.0	15 550	11.3	1.9	86.8	0.3
Morocco	45	67.3	11.5	21.2	30 055	26.8	3.3	69.9	0.3
South Sudan									
Sudan									
Sudan (former)	238	57.5	29.5	13.0	136 731	14.7	0.2	85.1	
Tunisia	16	63.0	6.1	30.9	9 789	27.7	22.8	49.6	0.5
Western Sahara									
Southern Africa	265	63.1	10.9	26.2	167 449	9.5	0.6	89.9	0.3
Botswana	57	45.6	20.4	33.9	25 852	1.0	0.0	99.0	0.1
Lesotho	3	77.0	1.4	21.5	2 339	14.3	0.2	85.5	0.2
Namibia	82	47.1	8.9	43.9	38 808	2.1	0.0	97.9	0.4
South Africa	121	81.7	7.6	10.7	99 228	14.5	1.0	84.6	0.3
Swaziland	2	71.0	32.5		1 222	14.3	1.2	84.5	0.2
Western Africa	606	47.1	12.3	41.0	285 644	28.8	4.3	66.9	0.3
Benin	11	29.8	41.7	28.5	3 300	74.2	9.1	16.7	0.3
Burkina Faso	27	43.7	20.9	35.4	11 965	49.3	0.5	50.1	0.4
Côte d'Ivoire	32	63.8	32.7	3.4	20 300	13.8	21.2	65.0	0.4
Cape Verde	0	21.8	21.0	57.1	88	68.2	3.4	28.4	0.1
Gambia	1	66.5	47.8		665	60.2	0.8	39.1	0.2
Ghana	23	68.1	22.2	9.7	15 500	28.4	18.1	53.5	0.3
Guinea	25	58.0	26.8	15.3	14 240	20.0	4.8	75.1	0.4
Guinea-Bissau	3	58.0	72.3		1 630	18.4	15.3	66.3	0.4
Liberia	10	27.1	45.3	27.6	2 610	15.3	8.0	76.6	0.2
Mali	122	33.7	10.3	56.0	41 101	15.5	0.2	84.3	0.4
Mauritania	103	38.5	0.2	61.3	39 651	1.0	0.0	99.0	0.1
Niger	127	34.6	1.0	64.5	43 782	34.1	0.1	65.7	1.0
Nigeria	91	81.8	10.4	7.8	74 500	45.6	4.0	50.3	0.2
Saint Helena, Ascension and Tristan da Cunha	0	30.8	5.1	64.1	12	33.3		66.7	
Senegal	19	49.4	44.2	6.4	9 505	40.5	0.6	58.9	0.3
Sierra Leone	7	47.7	38.3	14.0	3 415	31.8	3.8	64.4	0.2
Togo	5	62.1	5.6	32.2	3 380	65.1	5.3	29.6	0.4

TABLE 4: Land (continued)

	Land area				Agricultural area				Cropland per capita
	total	agricultural	forest	other	total	arable	permanent		
	million ha	%	%	%	thousand ha	%	crops	meadows & pastures	ha/cap
	2009	2009	2009	2009	2009	2009	2009	2009	2009
Americas	3 889	30.7	40.5	28.9	1 193 648	30.0	2.5	67.6	0.4
Latin America and the Caribbean	2 024	35.7	47.4	16.9	722 358	20.7	2.8	76.5	0.3
Anguilla	0		61.1	38.9					
Antigua and Barbuda	0	29.5	22.3	48.2	13	61.5	7.7	30.8	0.1
Argentina	274	51.3	10.8	37.8	140 500	22.1	0.7	77.2	0.8
Aruba	0	11.1	2.2	86.7	2	100.0			0.0
Bahamas	1	1.4	51.4	47.2	14	57.1	28.6	14.3	0.0
Barbados	0	44.2	19.4	36.4	19	84.2	5.3	10.5	0.1
Belize	2	6.7	61.9	31.4	152	46.1	21.1	32.9	0.3
Bolivia (Plurinational State of)	108	34.1	53.1	12.8	36 954	10.1	0.6	89.3	0.4
Bonaire, Sint Eustatius and Saba									
Brazil	846	31.3	61.7	7.1	264 500	23.1	2.8	74.1	0.4
British Virgin Islands	0	46.7	24.3	29.1	7	14.3	14.3	71.4	
Cayman Islands	0	11.2	52.9	35.8	3	7.4	18.5	74.1	0.0
Chile	74	21.2	21.8	57.0	15 742	8.1	2.9	89.0	0.1
Colombia	111	38.3	54.6	7.0	42 540	4.2	3.7	92.1	0.1
Costa Rica	5	35.3	50.6	14.2	1 800	11.1	16.7	72.2	0.1
Cuba	11	62.5	26.6	10.8	6 655	54.8	5.6	39.5	0.4
Curaçao									
Dominica	0	32.7	59.9	7.4	24	24.5	67.3	8.2	0.3
Dominican Republic	5	51.1	40.8	8.1	2 467	32.4	19.1	48.5	0.1
Ecuador	25	30.3	40.5	29.1	7 534	15.9	17.9	66.2	0.2
El Salvador	2	74.5	14.1	11.4	1 544	43.8	14.9	41.3	0.1
Falkland Islands (Malvinas)	1	91.2	0.0	8.8	1 110			100.0	
French Guiana	8	0.3	98.4	1.4	23	50.0	17.4	32.6	
Grenada	0	36.8	50.0	13.3	12	20.0	72.0	8.0	0.1
Guadeloupe	0	25.6	38.3	36.2	43	48.6	7.4	44.0	
Guatemala	11	41.0	34.7	24.3	4 395	34.1	21.5	44.4	0.2
Guyana	20	8.5	77.2	14.2	1 675	25.1	1.5	73.4	0.6
Haiti	3	66.8	3.7	29.5	1 840	57.1	16.3	26.6	0.1
Honduras	11	28.5	47.5	24.0	3 190	32.0	12.9	55.2	0.2
Jamaica	1	41.5	31.2	27.4	449	26.7	22.3	51.0	0.1
Martinique	0	25.5	45.8	28.8	27	38.9	24.4	36.7	
Mexico	194	52.9	33.4	13.7	102 833	24.4	2.6	72.9	0.2
Montserrat	0	30.0	25.0	45.0	3	66.7		33.3	
Nicaragua	12	42.8	26.5	30.8	5 146	36.9	4.5	58.6	0.4
Panama	7	30.0	43.9	26.1	2 230	24.6	6.6	68.8	0.2
Paraguay	40	52.6	44.7	2.7	20 900	18.2	0.5	81.3	0.6
Peru	128	16.8	53.2	30.0	21 440	17.0	3.7	79.3	0.2
Puerto Rico	1	21.4	61.2	17.3	190	31.6	21.1	47.4	0.0
Saint Barthélemy									
Saint Kitts and Nevis	0	21.2	42.3	36.5	6	72.7	3.6	23.6	0.1
Saint Lucia	0	18.0	77.0	4.9	11	27.3	63.6	9.1	0.1
Saint-Martin (French Part)									
Saint Vincent and the Grenadines	0	25.6	68.3	6.1	10	50.0	30.0	20.0	0.1
Sint Maarten (Dutch Part)									
Suriname	16	0.5	94.6	4.9	81	71.3	7.4	21.4	0.1
Trinidad and Tobago	1	10.5	44.3	45.2	54	46.3	40.7	13.0	0.0
Turks and Caicos Islands	0	1.1	36.2	62.7	1	100.0			0.0
United States Virgin Islands	0	11.4	58.3	30.3	4	25.0	25.0	50.0	0.0
Uruguay	18	84.6	9.7	5.7	14 807	12.7	0.2	87.1	0.6
Venezuela (Bolivarian Republic of)	88	24.3	52.8	22.9	21 400	12.9	3.0	84.1	0.1
Northern America	1 865	25.3	32.9	41.8	471 290	44.1	2.1	53.8	0.6
Bermuda	0	14.8	20.0	65.2	1	100.0			0.0
Canada	909	7.4	34.1	58.5	67 600	66.7	10.4	22.9	1.5
Greenland	41	0.6	0.0	99.4	235			100.0	
Saint Pierre and Miquelon	0	13.0	12.7	74.3	3	100.0			
United States of America	915	44.1	33.2	22.7	403 451	40.3	0.7	59.0	0.5
Asia	3 094	53.0	19.1	28.0	1 638 836	28.9	4.7	66.7	0.1
Central Asia	393	72.1	3.1	24.8	283 108	11.2	0.2	88.6	0.5
Kazakhstan	270	77.2	1.2	21.5	208 480	11.2	0.0	88.7	1.5
Kyrgyzstan	19	55.4	4.9	39.8	10 617	12.0	0.7	87.3	0.3
Tajikistan	14	33.9	2.9	63.1	4 750	15.6	2.8	81.6	0.1
Turkmenistan	47	69.4	8.8	21.8	32 610	5.7	0.2	94.1	0.4
Uzbekistan	43	62.6	7.7	29.6	26 651	16.1	1.3	82.5	0.2

TABLE 4: Land (continued)

	Land area				Agricultural area				Cropland per capita
	total	agricultural	forest	other	total	arable	permanent		
	million ha	%	%	%	thousand ha	%	crops	meadows & pastures	
							%	%	
	2009	2009	2009	2009	2009	2009	2009	2009	2009
Eastern Asia	1 146	56.7	22.1	21.4	649 489	18.4	2.3	80.0	0.1
China, Hong Kong SAR	0	5.7			6	66.7	16.7	16.7	0.0
China, Macao SAR	0								
China	1 865	56.2	21.9	21.9	1 048 636	21.0	2.7	76.3	0.1
Democratic People's Republic of Korea	12	24.1	48.1	27.8	2 905	91.2	7.1	1.7	0.1
Japan	36	12.6	68.5	18.8	4 609	93.2	6.8		0.0
Mongolia	155	74.5	7.1	18.4	115 800	0.8	0.0	99.2	0.4
Republic of Korea	10	19.1	64.1	16.8	1 854	86.0	10.8	3.1	0.0
South-Eastern Asia	434	28.6	49.6	21.8	124 216	55.4	30.8	13.7	0.2
Brunei Darussalam	1	2.2	72.4	25.5	11	26.3	43.9	29.8	0.0
Cambodia	18	31.5	57.9	10.6	5 555	70.2	2.8	27.0	0.3
Indonesia	181	29.6	52.5	17.9	53 600	44.0	35.4	20.5	0.2
Lao People's Democratic Republic	23	10.2	68.6	21.3	2 346	58.0	4.6	37.4	0.2
Malaysia	33	24.0	62.5	13.5	7 870	22.9	73.5	3.6	0.3
Myanmar	65	19.0	49.1	31.9	12 440	88.7	8.8	2.5	0.3
Philippines	30	40.1	25.5	34.4	11 950	45.2	42.3	12.6	0.1
Singapore	0	1.0	3.3	95.7	1	71.4	28.6		0.0
Thailand	51	38.7	37.1	24.1	19 795	77.3	18.7	4.0	0.3
Timor-Leste	1	25.2	50.7	24.1	375	44.0	16.0	40.0	0.2
Viet Nam	31	33.1	44.0	22.8	10 272	61.1	32.6	6.2	0.1
Southern Asia	640	48.3	14.5	37.2	309 192	69.4	5.4	25.2	0.1
Afghanistan	65	58.1	2.1	39.8	37 910	20.6	0.3	79.1	0.2
Bangladesh	13	70.3	11.1	18.6	9 149	82.7	10.7	6.6	0.1
Bhutan	4	13.2	84.3	2.5	507	14.8	4.9	80.3	0.1
India	297	60.5	23.0	16.5	179 963	87.8	6.5	5.7	0.1
Iran (Islamic Republic of)	163	29.8	6.8	63.4	48 515	35.5	3.7	60.9	0.3
Maldives	0	26.7	3.0	70.3	8	50.0	37.5	12.5	0.0
Nepal	14	29.6	25.4	45.0	4 250	56.5	2.8	40.7	0.1
Pakistan	77	34.1	2.2	63.7	26 280	77.7	3.2	19.0	0.1
Sri Lanka	6	41.6	29.9	28.5	2 610	46.0	37.2	16.9	0.1
Western Asia	481	56.8	3.9	39.3	272 831	14.2	2.1	83.7	0.2
Armenia	3	61.6	9.3	29.1	1 754	26.1	3.0	70.9	0.2
Azerbaijan	8	57.6	11.3	31.1	4 757	39.4	4.8	55.8	0.2
Bahrain	0	10.3	0.7	89.1	8	16.7	32.1	51.3	0.0
Cyprus	1	13.5	18.7	67.7	125	69.5	27.1	3.4	0.1
Georgia	7	36.1	39.5	24.4	2 508	17.9	4.8	77.4	0.1
Iraq	43	20.1	1.9	78.0	8 750	51.4	2.9	45.7	0.2
Israel	2	24.1	7.1	68.7	523	58.2	15.0	26.8	0.1
Jordan	9	11.5	1.1	87.4	1 025	19.6	8.0	72.4	0.0
Kuwait	2	8.5	0.3	91.2	151	7.5	2.5	90.1	0.0
Lebanon	1	67.3	13.4	19.4	688	21.1	20.8	58.1	0.1
Occupied Palestinian Territory	1	61.0	1.5	37.5	367	27.2	31.9	40.9	0.1
Oman	31	5.9	0.0	94.1	1 836	5.4	2.0	92.6	0.1
Qatar	1	5.6	0.0	94.4	65	18.5	4.6	76.9	0.0
Saudi Arabia	215	80.7	0.5	18.9	173 435	1.8	0.1	98.0	0.1
Syrian Arab Republic	18	75.7	2.6	21.6	13 908	33.6	7.1	59.3	0.3
Turkey	77	50.6	14.6	34.9	38 911	54.9	7.6	37.6	0.3
United Arab Emirates	8	6.8	3.8	89.4	569	11.2	35.1	53.6	0.0
Yemen	53	44.4	1.0	54.5	23 452	5.0	1.2	93.8	0.1
Europe	2 207	21.4	45.5	33.1	472 631	58.8	3.3	37.9	0.4
Eastern Europe	1 805	17.4	47.3	35.2	314 860	62.0	1.4	36.6	0.7
Belarus	20	44.0	42.4	13.6	8 927	62.1	1.3	36.6	0.6
Bulgaria	11	46.3	35.7	18.0	5 030	62.4	3.4	34.2	0.4
Czech Republic	8	54.9	34.4	10.8	4 239	75.0	1.8	23.2	0.3
Hungary	9	63.9	22.3	13.8	5 783	79.3	3.4	17.4	0.5
Poland	30	53.0	30.6	16.4	16 119	77.8	2.5	19.7	0.3
Republic of Moldova	3	75.2	11.6	13.2	2 472	73.5	12.2	14.3	0.6
Romania	23	58.8	28.4	12.8	13 523	65.0	2.7	32.3	0.4
Russian Federation	1 638	13.2	49.4	37.4	215 561	56.5	0.8	42.7	0.9
Slovakia	5	40.1	40.2	19.7	1 930	71.6	1.2	27.2	0.3
Ukraine	58	71.2	16.7	12.0	41 276	78.7	2.2	19.1	0.7
Northern Europe	164	23.3	44.0	32.7	38 325	49.9	0.3	49.8	0.2
Åland Islands									
Channel Islands	0	45.4	4.1	50.5	9	46.6		53.4	0.0
Denmark	4	62.1	12.8	25.1	2 634	92.3	0.2	7.5	0.4
Estonia	4	22.0	52.5	25.6	931	64.0	0.9	35.1	0.5
Faroe Islands	0	2.1	0.1	97.8	3	100.0			0.1
Finland	30	7.6	72.9	19.5	2 296	98.3	0.2	1.5	0.4
Guernsey									
Iceland	10	22.8	0.3	77.0	2 281	0.3		99.7	0.0

TABLE 4: Land (continued)

	Land area				Agricultural area				Cropland per capita
	total	agricultural	forest	other	total	arable	permanent		
	million ha	%	%	%	thousand ha	%	crops	meadows & pastures	
							%	%	
	2009	2009	2009	2009	2009	2009	2009	2009	2009
Ireland	7	60.8	10.6	28.6	4 189	26.0	0.1	73.9	0.2
Isle of Man	0	74.0	6.1	19.9	42	12.3		87.7	0.1
Jersey									
Latvia	6	29.5	53.8	16.8	1 833	63.7	0.3	36.0	0.5
Lithuania	6	42.9	34.3	22.8	2 689	76.4	1.0	22.6	0.6
Norway	31	3.3	32.7	64.0	1 014	82.3	0.5	17.2	0.2
Sark									
Svalbard and Jan Mayen Islands									
Sweden	41	7.5	68.7	23.8	3 079	85.5	0.3	14.2	0.3
United Kingdom	24	71.6	11.9	16.5	17 325	34.9	0.2	64.8	0.1
Southern Europe	129	50.3	34.6	15.1	65 182	45.4	15.2	39.4	0.3
Albania	3	44.0	28.4	27.7	1 204	50.8	7.2	42.0	0.2
Andorra	0	38.3	34.0	27.7	18	5.6		94.4	0.0
Bosnia and Herzegovina	5	41.7	42.8	15.4	2 128	46.9	4.8	48.4	0.3
Croatia	6	23.2	34.2	42.5	1 300	66.8	6.8	26.4	0.2
Gibraltar	0		0.0	100.0					
Greece	13	63.6	30.0	6.3	8 199	31.1	14.0	54.9	0.3
Holy See									
Italy	29	47.3	30.8	21.9	13 908	49.5	18.7	31.8	0.2
Malta	0	29.1	0.9	70.0	9	86.0	14.0		0.0
Montenegro	1	38.2	40.4	21.4	514	33.7	3.1	63.2	0.3
Portugal	9	40.3	37.7	22.0	3 684	30.5	21.1	48.3	0.2
San Marino	0	16.7	0.0	83.3	1	100.0			0.0
Serbia	9	57.8	30.5	11.7	5 055	65.2	5.9	28.9	0.5
Slovenia	2	23.2	62.1	14.6	468	37.4	5.6	57.1	0.1
Spain	50	55.5	36.1	8.4	27 680	45.1	17.0	37.8	0.4
The former Yugoslav Republic of Macedonia	3	40.2	39.4	20.4	1 013	41.5	3.5	55.1	0.2
Western Europe	109	50.0	30.6	19.4	54 264	62.7	2.6	34.7	0.2
Austria	8	38.4	47.1	14.5	3 168	43.3	2.1	54.6	0.2
Belgium	3	45.0	22.4	32.6	1 364	61.6	1.6	36.8	0.1
France	55	53.4	29.0	17.5	29 266	62.7	3.6	33.7	0.3
Germany	35	48.4	31.8	19.8	16 886	70.7	1.2	28.1	0.1
Liechtenstein	0	40.6	43.1	16.2	6	53.8		46.2	0.1
Luxembourg	0	50.6	33.5	15.9	131	47.3	1.5	51.1	0.1
Monaco									
Netherlands	3	56.8	10.8	32.3	1 917	55.0	1.9	43.1	0.1
Switzerland	4	38.1	30.9	31.0	1 525	26.7	1.5	71.8	0.1
Oceania	849	49.8	22.7	27.5	422 870	11.4	0.4	88.2	1.4
Australia and New Zealand	795	52.9	19.9	27.1	420 520	11.3	0.1	88.6	1.8
Australia	768	53.2	19.6	27.2	409 029	11.5	0.1	88.4	2.2
New Zealand	26	43.6	31.4	24.9	11 490	4.1	0.6	95.3	0.1
Norfolk Island	0	25.0	11.5	63.5	1			100.0	
Melanesia	53	3.9	63.0	33.0	2 090	22.2	46.6	31.3	0.2
Fiji	2	22.9	55.3	21.8	418	38.3	19.9	41.9	0.3
New Caledonia	2	13.7	45.9	40.4	251	2.8	2.0	95.2	0.0
Papua New Guinea	45	2.5	63.7	33.7	1 150	22.6	60.9	16.5	0.1
Solomon Islands	3	3.0	79.3	17.7	84	19.0	71.4	9.5	0.1
Vanuatu	1	15.3	36.1	48.6	187	10.7	66.8	22.5	0.6
Micronesia	0	30.4	58.5	25.7	96	9.4	73.0	27.4	0.2
Guam	0	35.2	47.9	16.9	19	5.3	52.6	42.1	0.1
Kiribati	0	42.0	15.0	43.0	34	5.9	94.1		0.3
Marshall Islands	0	72.2	70.2		13	15.4	61.5	23.1	0.2
Micronesia (Federated States of)	0	31.4	91.6		22	9.1	77.3	13.6	0.2
Nauru	0	20.0	0.0	80.0	0		100.0		
Northern Mariana Islands	0	6.5	66.3	27.2	3	33.3	33.3	33.3	0.0
Palau	0	10.9	87.6	1.5	5	20.0	40.0	40.0	0.1
Polynesia	1	20.3	48.2	32.8	164	30.7	52.7	19.0	0.2
American Samoa	0	25.0	88.8		5	40.0	60.0		0.1
Cook Islands	0	12.5	64.6	22.9	3	66.7	33.3		
French Polynesia	0	12.2	41.0	46.9	44	5.6	49.4	44.9	0.1
Niue	0	19.2	71.9	8.8	5	20.0	60.0	20.0	
Pitcairn Islands	0		74.5	25.5					
Samoa	0	23.7	60.4	15.9	67	37.3	58.2	4.5	0.4
Tokelau	0	60.0	0.0	40.0	1		100.0		
Tonga	0	43.1	12.5	44.4	31	51.6	35.5	12.9	0.3
Tuvalu	0	60.0	33.3	6.7	2		100.0		0.2
Wallis and Futuna Islands	0	42.9	41.9	15.3	6	16.7	83.3		

TABLE 5: Water resources and irrigation

	Water resources			Irrigation			
	per capita			potential	total area equipped	equipped area actually irrigated	
	m ³ /yr/cap	m ³ /yr/cap	m ³ /yr/cap			thousand ha	year
1990	2000	2010	2012	2009			
World							
Africa							
Eastern Africa							
Burundi	2 238	1 967	1 496	215	23		
Comoros	2 740	2 135	1 633	0	0	1987	65
Djibouti	534	410	337	2	1	1999	38
Eritrea		1 718	1 199	188	21	1993	62
Ethiopia		1 860	1 471	2 700	290	2001	100
Kenya	1 309	982	758	539	103	2 003	94
Madagascar	29 873	21 934	16 269	1 517	1 086	2000	51
Malawi	1 842	1 539	1 160	162	59	2002	96
Mauritius	2 595	2 300	2 118	33	22	2002	98
Mayotte							
Mozambique	16 026	11 928	9 281	3 072	118	2001	34
Réunion							
Rwanda	1 336	1 173	894	165	9		
Seychelles				1	0	2003	86
Somalia	2 228	1 987	1 575	240	200		
Uganda	3 729	2 726	1 975	90	9	1998	64
United Republic of Tanzania	3 778	2 828	2 147	2 132	184	2002	100
Zambia	13 384	10 312	8 037	523	156	2002	100
Zimbabwe	1 910	1 599	1 591	366	174	1999	85
Middle Africa							
Angola	14 320	10 628	7 756	3 700	80	2005	13
Cameroon	23 438	18 210	14 567	290	29		
Central African Republic	49 199	39 006	32 811	1 900	1	1987	51
Chad	7 154	5 230	3 830	335	30	2002	87
Congo	348 263	265 306	205 788	340	2	1993	11
Democratic Republic of the Congo	35 241	25 853	19 449	7 000	11		
Equatorial Guinea	69 519	50 000	37 143	30			
Gabon	176 534	132 794	108 970	440	4		
Sao Tome and Principe	18 793	15 461	13 212	11	10		
Northern Africa							
Algeria	461	382	329	510	570	2001	80
Egypt	1 008	847	706	4 420	3 650	2002	100
Libya	162	134	110	40	470	2000	67
Morocco	1 170	1 007	908	1 664	1 458	2004	98
Sudan (former)	2 435	1 887	1 481	2 784	1 863	2000	43
Tunisia	559	486	438	560	445		
Western Sahara							
Southern Africa							
Botswana	8 857	6 962	6 099	13	2	2002	85
Lesotho	3 191	2 663	2 409	13	3	1999	3
Namibia	12 523	9 346	7 762	47	8	2002	100
South Africa	1 359	1 117	997	1 500	1 498	2000	100
Swaziland	5 226	4 239	3 803	93	50	2000	90
Western Africa							
Benin	5 529	4 049	2 982	322	12	2002	75
Burkina Faso	1 341	1 017	759	165	30	2001	54
Cape Verde	862	686	605	3	3	1997	66
Côte d'Ivoire	6 482	4 893	4 111	475	73	1994	92
Gambia	8 282	6 168	4 630	80	2	1999	47
Ghana	3 596	2 776	2 181	1 900	34	2000	90
Guinea	39 243	27 085	22 641	520	95		
Guinea-Bissau	30 482	24 980	20 462	281	25	1996	100
Liberia	109 074	81 489	58 087	600	3		
Mali	11 530	8 853	6 506	566	236	2000	75
Mauritania	5 711	4 313	3 295	250	45	2004	51
Niger	4 321	3 081	2 169	270	74	2005	89
Nigeria	2 934	2 314	1 807	2 331	293	2004	75
Saint Helena, Ascension and Tristan da Cunha							
Senegal	5 358	4 082	3 120	409	120		
Sierra Leone	40 181	38 619	27 267	807	30		
Togo	4 010	3 066	2 439	180	7	1996	86

TABLE 5: Water resources and irrigation (continued)

	Water resources			Irrigation			
	per capita			potential	total area equipped	equipped area actually irrigated	
	m ³ /yr/cap	m ³ /yr/cap	m ³ /yr/cap			thousand ha	year
1990	2000	2010	2012	2009			
Americas							
Latin America and the Caribbean							
Anguilla							
Antigua and Barbuda	839	667	584	0	0		
Argentina	24 937	22 041	20 143	6 128	1 650	2011	92
Aruba							
Bahamas	78	67	58		1		
Barbados	308	299	293	4	5		
Belize	97 632	73 904	59 455		4	1997	100
Bolivia (Plurinational State of)	93 497	74 937	62 689	2 000	175	1999	100
Bonaire, Sint Eustatius and Saba							
Brazil	55 015	47 201	42 232	29 350	4 500	2006	100
British Virgin Islands							
Cayman Islands							
Chile	69 912	59 792	53 874	2 500	1 900	2007	91
Colombia	64 211	53 616	46 052	6 589	900	2011	36
Costa Rica	36 612	28 681	24 125	430	108	1997	100
Cuba	3 606	3 433	3 386	2 700	870	1997	85
Curaçao							
Dominica							
Dominican Republic	2 919	2 444	2 115	710	275	2004	71
Ecuador	41 360	34 378	29 340	3 136	960	2000	73
El Salvador	4 731	4 247	4 074	200	45		
Falkland Islands (Malvinas)							
French Guiana	1 145 299	812 121	580 087		6	2007	100
Grenada					2		
Guadeloupe							
Guatemala	12 473	9 905	7 735	2 620	200	2003	100
Guyana	332 414	328 786	319 629		150		
Haiti	1 969	1 623	1 404	143	92	1991	71
Honduras	19 622	15 428	12 621	500	80	2006	69
Jamaica	3 976	3 642	3 431	188	25	2009	100
Martinique							
Mexico	5 423	4 574	4 031	9 766	6 300	2003	84
Montserrat							
Nicaragua	47 707	38 747	33 967	700	61	2001	85
Panama	61 258	50 068	42 081	187	43	1997	81
Paraguay	79 171	62 874	52 053		67	2012	100
Peru	88 214	73 970	65 791	6 411	1 196	1998	93
Puerto Rico	2 012	1 862	1 894		22	2005	72
Saint Barthélemy							
Saint Kitts and Nevis	585	522	462		0		
Saint Lucia					3		
Saint-Martin (French Part)							
Saint Vincent and the Grenadines					1		
Sint Maarten (Dutch Part)							
Suriname	299 754	261 242	232 381		57	1998	100
Trinidad and Tobago	3 160	2 972	2 864	30	7	1997	85
Turks and Caicos Islands							
United States Virgin Islands							
Uruguay	44 709	41 880	41 259	1 760	218	1998	100
Venezuela (Bolivarian Republic of)	62 637	50 641	42 547	1 700	580	2008	93
Northern America							
Bermuda							
Canada	104 762	94 629	85 310		855	2010	100
Greenland							
Saint Pierre and Miquelon							
United States of America	12 114	10 864	9 888		23 000	2005	83
Asia							
Central Asia							
Kazakhstan	6 546	7 328	6 839	3 768	3 556	2010	61
Kyrgyzstan	11 138	9 879	9 177	2 247	1 018	2005	100
Tajikistan	3 013	2 589	2 323	1 580	719	2 009	91
Turkmenistan	6 739	5 492	4 903	2 353	1 800	2006	100
Uzbekistan	2 457	2 035	1 837	4 915	4 223	2005	88

TABLE 5: Water resources and irrigation (continued)

	Water resources			Irrigation			
	per capita			potential	total area equipped	equipped area actually irrigated	
	m ³ /yr/cap	m ³ /yr/cap	m ³ /yr/cap			thousand ha	thousand ha
				1990	2000		
Eastern Asia							
China	2 424	2 188	2 070	70 000	64 540	2006	86
Democratic People's Republic of Korea	3 830	3 370	3 169		1 460	1995	93
Japan	3 517	3 420	3 398		2 506	1993	100
Mongolia	15 869	14 434	12 627	518	84	1993	75
Republic of Korea	1 622	1 516	1 447	1 782	806		
South-Eastern Asia							
Brunei Darussalam	33 730	25 994	21 303		1	1995	100
Cambodia	49 948	38 250	33 675		285	2006	90
Indonesia	10 952	9 461	8 417	10 886	6 722	2005	100
Lao People's Democratic Republic	79 556	62 723	53 782	600	310	2005	87
Malaysia	31 852	24 770	20 422	414	365		
Myanmar	29 744	25 980	24 352	10 500	2 275	2004	100
Philippines	7 772	6 196	5 136	3 126	1 540	2006	100
Singapore	199	153	118				
Thailand	7 685	6 945	6 345	12 245	6 415	2007	79
Timor-Leste	11 057	9 898	7 309		35	2002	83
Viet Nam	13 175	11 226	10 064	9 400	4 600	2005	100
Southern Asia							
Afghanistan	4 988	2 844	2 069		3 199	2002	59
Bangladesh	11 657	9 468	8 252	6 933	5 100	2008	100
Bhutan	139 535	136 602	107 438		28	2007	100
India	2 187	1 813	1 560	139 500	66 700	2008	94
Iran (Islamic Republic of)	2 506	2 104	1 859	15 000	9 133	2006	77
Maldives	137	110	95				
Nepal	11 016	8 614	7 016	2 178	1 168		
Pakistan	2 207	1 708	1 422	21 300	20 200	2008	100
Sri Lanka	3 046	2 817	2 531	570	570	2006	81
Western Asia							
Armenia	2 192	2 526	2 513	666	274	2006	64
Azerbaijan		4 276	3 774	3 200	1 433		
Bahrain	235	182	92	4	4	2000	100
Cyprus	1 017	827	707	37	46	2007	68
Georgia	11 599	13 344	14 552	725	433		
Iraq	4 352	3 169	2 387	5 554	3 525	1990	55
Israel	396	296	240		225		
Jordan	274	194	151	85	95	2004	95
Kuwait	10	10	7	25	11	2007	82
Lebanon	1 527	1 203	1 065	178	90		
Occupied Palestinian Territory	402	262	207	80	21	2001	100
Oman	749	618	503		59	2004	100
Qatar	122	98	33	52	13	2001	49
Saudi Arabia	149	120	87		1 731		
Syrian Arab Republic	1 363	1 051	823		1 238		
Turkey	3 946	3 357	2 936	8 500	5 215	2006	87
United Arab Emirates	83	49	20		230	2003	100
Yemen	176	118	87		680		
Europe							
Eastern Europe							
Belarus	5 653	5 767	6 045		131	2003	27
Bulgaria	2 415	2 661	2 842		102	2007	69
Czech Republic		1 284	1 253		21	2007	52
Hungary	10 023	10 185	10 417		140	2007	62
Poland	1 619	1 608	1 609		116	2007	62
Republic of Moldova	2 670	2 837	3 261	1 500	228	2011	14
Romania	9 131	9 548	9 862	5 500	3 157	2007	28
Russian Federation	30 399	30 717	31 534	29 000	4 300	2008	79
Slovakia		9 269	9 172		135	2007	23
Ukraine	2 690	2 855	3 072	5 500	2 175		
Northern Europe							
Aland Islands							
Channel Islands							
Denmark	1 167	1 124	1 081		435	2007	58
Estonia	8 154	9 344	9 553	150	4	2010	71
Faroe Islands							
Finland	22 062	21 264	20 503		77	2010	22
Guernsey							
Iceland	666 667	604 982	531 250				

TABLE 5: Water resources and irrigation (continued)

	Water resources			Irrigation			
	per capita			potential	total area equipped	equipped area actually irrigated	
	m ³ /yr/cap	m ³ /yr/cap	m ³ /yr/cap			thousand ha	year
	1990	2000	2010	2012	2009		
Ireland	14 727	13 670	11 633			1998	100
Isle of Man							
Jersey							
Latvia	13 272	14 864	15 742		1	2007	75
Lithuania	6 690	7 114	7 491	200	1	2007	75
Norway	90 073	85 059	78 231		104	2007	48
Sark							
Svalbard and Jan Mayen Islands							
Sweden	20 329	19 639	18 550		160	2007	34
United Kingdom	2 560	2 487	2 361		213	2007	91
Southern Europe							
Albania	12 679	13 574	13 015		365		
Andorra	5 955	4 855	3 713				
Bosnia and Herzegovina		10 152	9 973		3		
Croatia		23 413	23 961		31		
Gibraltar							
Greece	7 307	6 758	6 537		1 555	2007	82
Holy See							
Italy	3 366	3 357	3 159		3 950	2007	67
Malta	137	127	121	2	3	2007	88
Montenegro					2	2010	100
Portugal	6 922	6 647	6 435		584	2007	72
San Marino							
Serbia			16 457		89		
Slovenia	16 616	16 055	15 700		10	2010	46
Spain	2 867	2 768	2 420		3 818		
The former Yugoslav Republic of Macedonia	3 353	3 186	3 105		128		
Western Europe							
Austria	10 129	9 706	9 257		117	2007	37
Belgium	1 842	1 798	1 708		23	2007	24
France	3 721	3 573	3 361		2 600	2007	57
Germany	1 947	1 870	1 871		485	2006	45
Liechtenstein							
Luxembourg	8 117	7 126	6 114				
Monaco							
Netherlands	6 111	5 737	5 478		460	2007	44
Switzerland	8 016	7 464	6 981		25		
Oceania							
Australia and New Zealand							
Australia	28 779	25 673	22 094		2 550		
New Zealand	96 233	84 759	74 863		619	2007	82
Norfolk Island							
Melanesia							
Fiji	39 217	35 160	33 159		3		
New Caledonia							
Papua New Guinea	192 641	148 912	116 798	36			
Solomon Islands	144 194	109 291	83 086				
Vanuatu							
Micronesia							
Guam							
Kiribati							
Marshall Islands							
Micronesia (Federated States of)							
Nauru	0	0					
Northern Mariana Islands							
Palau							
Polynesia							
American Samoa							
Cook Islands							
French Polynesia							
Niue	0	0					
Pitcairn Islands							
Samoa							
Tokelau							
Tonga							
Tuvalu							
Wallis and Futuna Islands							

TABLE 6: Labour

	Employment		Employment in agriculture			Labor force		Children in employment
	female	male	share of total	female	male	participation rate		% of children ages 7-14 total
				share of female employment	share of male employment	female	male	
	million people 2010	million people 2010	% 2005-10*	% 2005-10*	% 2005-10*	% 2010	% 2010	% 2000-10*
World	1 204	1 828				50.6	77.3	
Africa	155	216				56.2	75.9	
Eastern Africa	66	71				77.4	84.5	
Burundi	2	2				83.7	81.9	11.7
Comoros	0	0				34.7	80.4	
Djibouti						35.5	67.0	
Eritrea	1	1				79.6	90.0	
Ethiopia	18	21	79.3	10.3	8.7	78.3	89.9	56.0
Kenya	6	8	61.1	68.0	54.5	61.2	71.5	37.7
Madagascar	5	5	80.4	81.1	79.8	83.5	88.7	26.0
Malawi	3	3				85.0	81.2	40.3
Mauritius	0	0	8.7	7.8	9.5	43.9	75.7	
Mayotte								
Mozambique	5	5				86.3	83.0	27.4
Réunion								
Rwanda	3	2	78.8			86.3	85.2	7.5
Seychelles								
Somalia	1	2				37.6	77.0	43.5
Uganda	6	7	65.6	81.7	68.6	76.2	79.6	38.2
United Republic of Tanzania	10	10	76.5	80.0	72.7	88.3	90.3	31.1
Zambia	2	2	72.2	78.9	65.9	73.3	85.7	34.4
Zimbabwe	3	3				82.9	89.5	
Middle Africa	22	24				67.5	75.0	
Angola	3	4				62.7	77.0	30.1
Cameroon	4	4				63.9	77.3	43.4
Central African Republic	1	1				72.5	85.2	67.0
Chad	2	2				64.5	80.2	60.4
Congo	1	1	35.4	39.3	31.3	68.2	72.7	30.1
Democratic Republic of the Congo	12	12				70.2	72.4	30.5
Equatorial Guinea	0	0				80.6	92.3	
Gabon	0	0	24.2	33.7	17.3	56.0	64.9	
Sao Tome and Principe						43.2	76.4	
Northern Africa	16	54				23.9	74.1	
Algeria	2	8				14.7	71.7	
Egypt	5	19	31.6	45.6	28.2	23.5	74.2	7.9
Libya	1	2				30.4	76.9	
Morocco	3	8	40.9	59.2	34.2	25.9	74.7	4.5
South Sudan								45.6
Sudan	3	7				30.8	76.5	12.5
Sudan (former)								
Tunisia	1	2				25.3	69.7	
Western Sahara								
Southern Africa	7	9				45.9	62.2	
Botswana	0	0	29.9	24.3	35.1	71.6	81.5	
Lesotho	0	0				58.7	73.3	2.6
Namibia	0	0	16.3	8.2	22.7	58.4	69.8	
South Africa	6	8	5.1	3.7	6.3	43.8	60.4	
Swaziland	0	0				43.5	70.7	11.2
Western Africa	44	57				53.2	71.0	
Benin	2	2				67.1	78.3	74.4
Burkina Faso	4	4	84.8	87.2	82.3	77.5	90.5	42.1
Côte d'Ivoire	3	5				51.5	81.3	45.7
Cape Verde	0	0				50.2	83.1	
Gambia	0	0				72.4	83.2	35.9
Ghana	5	5	57.2	53.2	61.4	66.8	71.6	48.9
Guinea	2	2				65.2	78.3	
Guinea-Bissau	0	0				67.8	78.2	50.5
Liberia	1	1	48.9	48.3	49.5	57.8	64.0	18.4
Mali	1	3	66.0	63.9	67.8	36.8	69.7	23.0
Mauritania	0	1				28.4	79.1	21.3
Niger	2	3	56.9	37.8	64.1	39.8	90.1	47.1
Nigeria	20	27				47.8	63.0	40.7
Saint Helena, Ascension and Tristan da Cunha								
Senegal	2	3	33.7	33.0	34.1	66.0	88.3	18.5
Sierra Leone	1	1				66.4	68.9	53.7
Togo	1	1	54.1	48.2	60.5	80.3	81.2	38.7

TABLE 6: Labour (continued)

	Employment		Employment in agriculture			Labor force		Children in employment
	female	male	share of total	female	male	participation rate		% of children ages 7-14 total
				share of female employment	share of male employment	female	male	
	million people 2010	million people 2010	% 2005-10*	% 2005-10*	% 2005-10*	% 2010	% 2010	% 2000-10*
Americas	180	240				54.9	76.4	
Latin America and the Caribbean	105	155				53.2	79.9	
Anguilla			2.8					
Antigua and Barbuda			1.2	0.4	1.8	47.0	74.9	12.9
Argentina	7	10	0.7					
Aruba			2.9	0.5	5.1	69.3	79.4	
Bahamas	0	0				64.8	76.3	
Barbados	0	0	19.5	3.3	28.0	48.0	81.8	
Belize	2	2	36.1	38.3	34.3	63.8	81.0	32.1
Bolivia (Plurinational State of)								
Bonaire, Sint Eustatius and Saba								
Brazil	40	54	17.0	12.2	20.5	59.4	81.0	5.0
British Virgin Islands								
Cayman Islands			1.9					
Chile	3	5	11.2	5.5	15.4	46.8	74.3	4.1
Colombia	8	12	17.9	5.0	26.1	55.3	79.7	3.9
Costa Rica	1	1	12.3	4.2	17.2	46.0	78.9	5.7
Cuba	2	3	18.6	8.5	24.7	43.1	70.1	
Curaçao								
Dominica								
Dominican Republic	1	2	14.5	2.1	21.0	50.8	78.7	5.8
Ecuador	2	4	28.7	22.1	33.0	53.7	82.6	6.3
El Salvador	1	1	20.9	4.8	32.8	47.1	78.7	7.4
Falkland Islands (Malvinas)								
French Guiana								
Grenada								
Guadeloupe								
Guatemala	2	3	33.2	16.0	43.8	48.8	88.3	18.2
Guyana	0	0				41.3	79.6	
Haiti	2	2				59.8	70.5	33.4
Honduras	1	2	34.6	10.0	47.7	41.9	82.9	8.7
Jamaica	0	1	20.2	9.6	28.3	56.0	72.0	9.8
Martinique								
Mexico	17	30	13.1	4.0	18.6	43.9	80.5	8.0
Montserrat								
Nicaragua	1	1	29.5	8.4	41.9	46.2	80.0	10.1
Panama	1	1	17.9	7.3	24.2	49.3	82.6	8.9
Paraguay	1	2	26.5	19.2	31.1	57.4	86.4	15.3
Peru	6	8	0.8	0.5	1.0	67.4	84.7	42.2
Puerto Rico	0	1	1.5	0.5	2.3	35.4	54.4	
Saint Barthélemy								
Saint Kitts and Nevis								
Saint Lucia						63.9	77.0	
Saint-Martin (French Part)								
Saint Vincent and the Grenadines						55.5	78.5	
Sint Maarten (Dutch Part)								
Suriname	0	0				40.1	68.7	
Trinidad and Tobago	0	0	3.8	1.8	5.2	54.6	78.0	3.4
Turks and Caicos Islands			1.2					
United States Virgin Islands						53.8	72.5	
Uruguay	1	1	11.0	4.8	15.6	55.4	76.6	7.3
Venezuela (Bolivarian Republic of)	5	8	8.5	1.9	12.7	51.6	80.2	5.1
Northern America	75	85				57.9	70.3	
Bermuda								
Canada	8	9	2.4	1.3	3.3	61.8	71.5	
Greenland								
Saint Pierre and Miquelon								
United States of America	66	76	1.6	0.8	2.3	57.5	70.2	
Asia	710	1 186				48.0	79.9	
Central Asia	11	15				54.2	75.5	
Kazakhstan	4	4	29.4	29.2	31.1	66.4	76.8	3.6
Kyrgyzstan	1	1	34.0	35.4	36.9	55.2	78.2	36.6
Tajikistan	1	1				57.3	74.8	8.9
Turkmenistan	1	1				46.4	75.7	
Uzbekistan	4	7				47.6	74.4	5.1

TABLE 6: Labour (continued)

	Employment		Employment in agriculture			Labor force		Children in employment
	female	male	share of total	female	male	participation rate		% of children ages 7-14 total
				share of female employment	share of male employment	female	male	
	million people 2010	million people 2010	% 2005-10*	% 2005-10*	% 2005-10*	% 2010	% 2010	% 2000-10*
Eastern Asia	391	482				65.7	79.2	
China, Hong Kong SAR	2	2	0.2	0.1	0.2	51.0	68.3	
China, Macao SAR	0	0	0.0	0.2	0.2	66.3	76.9	
China	345	422	39.6			67.9	80.2	
Democratic People's Republic of Korea	7	7				71.8	83.9	
Japan	27	36	3.7	3.7	3.8	49.5	72.0	
Mongolia	1	1	40.0	38.7	41.2	53.9	65.0	10.1
Republic of Korea	10	14	6.6	6.9	6.4	49.2	71.6	
South-Eastern Asia	121	166				58.1	81.9	
Brunei Darussalam	0	0				55.7	76.8	
Cambodia	4	4	72.2	75.0	69.3	79.3	86.6	48.9
Indonesia	41	68	38.3	38.0	39.0	51.0	84.2	6.6
Lao People's Democratic Republic	2	2				76.6	79.4	18.6
Malaysia	4	7	13.5	9.0	16.7	43.7	77.1	
Myanmar	13	14				75.0	82.0	
Philippines	14	22	35.2	24.0	42.3	49.5	79.4	13.3
Singapore	1	2	1.1	0.6	1.5	56.7	77.0	
Thailand	18	21	41.5	39.0	43.7	63.8	80.2	15.1
Timor-Leste	0	0				38.4	74.4	19.9
Viet Nam	24	26	51.7	53.8	49.6	73.1	81.1	21.3
Southern Asia	169	468				30.9	81.0	
Afghanistan	1	7				15.5	80.4	
Bangladesh	28	42	48.1	68.1	41.8	56.9	84.4	16.2
Bhutan	0	0	65.4	72.1	59.1	65.5	76.0	
India	114	341	51.1	65.3	46.2	29.0	80.7	15.3
Iran (Islamic Republic of)	4	19	21.2	30.6	19.3	16.1	71.8	
Maldives	0	0	11.5	7.1	14.0	55.1	76.4	
Nepal	8	8				80.3	87.7	
Pakistan	11	45	44.7	75.0	36.9	22.4	83.3	15.9
Sri Lanka	3	6	32.6	36.6	30.4	34.6	76.2	
Western Asia	18	55				26.5	72.0	
Armenia	0	1	44.2	49.1	39.4	49.0	69.6	
Azerbaijan	2	2	38.6	40.2	37.1	61.1	67.8	5.2
Bahrain	0	1				39.2	87.2	
Cyprus	0	0	3.8	2.6	4.8	57.1	71.3	
Georgia	1	1	53.4	56.6	50.5	55.6	73.8	31.8
Iraq	1	5	23.4	50.7	17.1	14.3	69.3	14.7
Israel	1	2	1.7	0.7	2.5	52.5	62.4	
Jordan	0	1	2.0	1.0	2.2	15.3	65.4	1.0
Kuwait	0	1	2.7	0.0	3.6	43.3	82.2	
Lebanon	0	1				22.5	70.8	
Occupied Palestinian Territory	0	1	13.4	27.5	10.1	14.7	66.3	
Oman	0	1				28.0	79.9	
Qatar	0	1	2.3	0.0	2.7	52.1	95.2	
Saudi Arabia	1	8	4.1	0.2	4.7	17.4	74.2	
Syrian Arab Republic	1	4	14.9	23.8	13.6	12.9	71.6	6.6
Turkey	7	17	23.7	39.3	17.5	28.1	71.4	2.6
United Arab Emirates	1	4	4.2	0.2	5.2	43.7	92.0	
Yemen	1	4				24.8	71.7	18.3
Europe	152	176				51.6	66.2	
Eastern Europe	66	71				52.6	67.3	
Belarus	2	2		8.6	15.3	50.0	62.2	11.7
Bulgaria	1	2	6.8	5.2	8.2	48.5	60.0	
Czech Republic	2	3	3.1	1.9	4.0	49.3	68.2	
Hungary	2	2	4.5	2.3	6.4	43.8	58.4	
Poland	7	9	12.8	12.5	13.1	48.2	64.3	
Republic of Moldova	1	1	31.1	28.4	33.7	37.9	44.5	33.5
Romania	4	5	30.1	31.4	29.1	48.2	64.5	1.4
Russian Federation	34	36	9.7	6.7	10.5	56.1	70.7	
Slovakia	1	1	3.2	1.8	4.4	50.9	68.0	
Ukraine	11	11	15.8			53.0	66.2	17.3
Northern Europe	22	25				56.3	68.2	
Åland Islands								
Channel Islands								
Denmark	1	1	2.4	0.8	3.9	60.0	69.4	
Estonia	0	0	4.2	2.8	5.8	56.5	67.7	
Faroe Islands			11.1					
Finland	1	1	4.4	2.8	6.0	56.1	64.5	
Guernsey								
Iceland	0	0	5.5	2.3	8.7	70.8	78.2	

TABLE 6: Labour (continued)

	Employment		Employment in agriculture			Labor force		Children in employment
	female	male	share of total	female	male	participation rate		% of children ages 7-14 total
				share of female employment	share of male employment	female	male	
	million people 2010	million people 2010	% 2005-10*	% 2005-10*	% 2005-10*	% 2010	% 2010	% 2000-10*
Ireland	1	1	4.6	1.1	7.7	52.4	68.3	
Isle of Man			1.9					
Jersey								
Latvia	0	0	8.8	5.8	12.0	54.7	66.3	
Lithuania	1	1	9.0	6.8	11.5	53.9	63.4	
Norway	1	1	2.5	1.0	3.9	61.5	70.2	
Sark								
Svalbard and Jan Mayen Islands								
Sweden	2	2	2.1	0.9	3.2	59.3	68.2	
United Kingdom	14	16	1.2	0.6	1.7	55.5	68.6	
Southern Europe	24	33				45.0	63.8	
Albania	1	1	44.1			49.7	71.3	22.0
Andorra								
Bosnia and Herzegovina	0	1				35.2	58.5	10.6
Croatia	1	1	14.9	16.3	13.7	46.0	59.6	
Gibraltar								
Greece	2	3	12.5	12.7	12.4	44.5	64.9	
Holy See								
Italy	9	14	3.8	2.8	4.5	37.7	59.6	
Malta	0	0	1.3	0.4	1.8	35.0	67.8	
Montenegro			8.6					
Portugal	2	3	10.9	10.7	11.1	56.4	68.0	3.6
San Marino			0.3					
Serbia			24.0			50.8	67.3	6.9
Slovenia	0	1	8.8	8.5	9.0	53.1	65.2	
Spain	8	10	4.3	2.5	5.7	51.5	67.4	
The former Yugoslav Republic of Macedonia	0	0	19.7	19.8	19.6	42.7	68.9	11.8
Western Europe	41	47				52.8	65.6	
Austria	2	2	5.2	5.0	5.4	53.9	67.8	
Belgium	2	2	1.4	0.9	1.7	47.6	60.8	
France	13	14	2.9	1.8	3.9	51.2	62.1	
Germany	18	21	1.6	1.2	2.0	52.9	66.7	
Liechtenstein								
Luxembourg	0	0	1.0	0.7	1.3	48.9	65.4	
Monaco								
Netherlands	4	5	2.8	1.7	3.7	58.3	71.5	
Switzerland	2	2	3.3	2.4	4.0	60.6	75.4	
Oceania	8	9				60.3	73.3	
Australia and New Zealand	6	7				59.2	72.8	
Australia	5	6	3.3	2.2	4.2	58.7	72.5	
New Zealand	1	1	6.6	4.4	8.6	61.5	74.2	
Norfolk Island								
Melanesia	2	2				65.5	75.0	
Fiji	0	0				39.3	79.6	
New Caledonia			2.7			46.8	68.6	
Papua New Guinea	1	2				70.6	74.1	
Solomon Islands	0	0				53.1	79.9	
Vanuatu			60.5			61.3	79.7	
Micronesia						47.5	73.8	
Guam						47.5	73.8	
Kiribati								
Marshall Islands								
Micronesia (Federated States of)								
Nauru								
Northern Mariana Islands								
Palau								
Polynesia						47.3	72.1	
American Samoa								
Cook Islands								
French Polynesia						47.9	66.7	
Niue								
Pitcairn Islands								
Samoa						42.9	78.2	
Tokelau								
Tonga						53.6	75.2	
Tuvalu								
Wallis and Futuna Islands								

TABLE 7: Inputs

	Agricultural tractors	Pesticide use	Fertilizer consumption		
	total	per ha of arable land and permanent crops	per ha of arable land and permanent crops		
	tractors 2000-09*	kg/ha 2005-09*	nitrogen kg/ha 2009	phosphate kg/ha 2009	potash kg/ha 2009
World			69.3	25.8	14.8
Africa			11.0	4.4	1.5
Eastern Africa			7.5	4.8	1.3
Burundi		0.2	0.7	0.2	0.2
Comoros					
Djibouti	6				
Eritrea	463		0.8	2.0	0.0
Ethiopia			7.9	8.5	0.0
Kenya	12 844		11.1	15.4	2.4
Madagascar	550	0.0	1.3	0.5	0.5
Malawi		0.1	19.0	4.5	4.1
Mauritius		25.5	76.4	30.1	93.7
Mayotte	14				
Mozambique		0.2	2.9	0.9	0.4
Réunion	2 941				
Rwanda	56	0.8	0.3	0.3	0.3
Seychelles			8.0	3.7	5.7
Somalia	1 371				
Uganda			0.8	0.5	0.3
United Republic of Tanzania	21 207		5.8	1.3	0.4
Zambia			18.9	1.8	6.2
Zimbabwe			15.3	9.5	2.5
Middle Africa			1.5	0.3	0.8
Angola			0.7	0.1	0.2
Cameroon		0.9	3.2	0.6	1.6
Central African Republic					
Chad					
Congo			1.6	1.3	1.1
Democratic Republic of the Congo			0.3	0.1	0.1
Equatorial Guinea					
Gabon			1.9	0.6	5.7
Sao Tome and Principe					
Northern Africa			33.6	10.0	1.3
Algeria	104 529	0.2	2.5	2.3	2.2
Egypt	103 188		326.8	61.4	4.8
Libya	39 733		23.2	10.6	0.6
Morocco		1.5	21.6	12.1	2.7
South Sudan					
Sudan					
Sudan (former)	25 564		4.2	3.4	0.2
Tunisia	40 438	0.4	15.5	8.4	0.0
Western Sahara					
Southern Africa			25.8	11.2	6.9
Botswana	3 371				
Lesotho					
Namibia			1.6	0.0	0.0
South Africa	63 200		27.1	11.8	7.3
Swaziland	1 550				
Western Africa			1.9	1.1	0.9
Benin			1.9	1.9	1.9
Burkina Faso		0.2	4.8	2.1	2.1
Côte d'Ivoire	8 981		3.0	1.0	2.3
Cape Verde	56				
Gambia		1.4	3.4	1.7	1.7
Ghana	1 807	2.0	3.5	6.0	3.0
Guinea	5 388	0.1	0.4	0.1	0.0
Guinea-Bissau					
Liberia					
Mali	1 300	0.0	4.7	1.9	0.8
Mauritania	390	0.0			
Niger		0.0	0.2	0.1	0.1
Nigeria	24 800		1.2	0.3	0.4
Saint Helena, Ascension and Tristan da Cunha					
Senegal	645		2.3	1.7	0.9
Sierra Leone					
Togo	129	0.1	0.4	0.5	0.0

TABLE 7: Inputs (continued)

	Agricultural tractors	Pesticide use	Fertilizer consumption		
	total	per ha of arable land and permanent crops	per ha of arable land and permanent crops		
	tractors 2000-09*	kg/ha 2005-09*	nitrogen kg/ha 2009	phosphate kg/ha 2009	potash kg/ha 2009
Americas			49.2	20.8	18.3
Latin America and the Caribbean			36.7	24.3	19.4
Anguilla					
Antigua and Barbuda			2.6	1.7	1.7
Argentina	244 320		14.9	9.3	0.4
Aruba					
Bahamas		59.4			
Barbados			24.9	23.9	10.1
Belize		7.7	57.4	26.7	2.8
Bolivia (Plurinational State of)	6 000	7.1	3.5	2.1	0.2
Bonaire, Sint Eustatius and Saba					
Brazil	788 053		35.8	41.0	34.9
British Virgin Islands					
Cayman Islands					
Chile	53 915	10.7	200.2	55.7	76.7
Colombia		15.3	163.3	60.9	40.1
Costa Rica			142.7	32.1	155.9
Cuba	72 602		7.1	1.8	4.0
Curaçao					
Dominica			8.4	8.1	8.1
Dominican Republic	1 868	4.7	29.3	11.8	0.0
Ecuador	14 652	3.7	59.4	12.5	16.3
El Salvador		3.6	62.5	14.0	3.7
Falkland Islands (Malvinas)	97				
French Guiana	317				
Grenada					
Guadeloupe	853				
Guatemala		5.4	49.3	11.8	4.4
Guyana		0.6	15.1	3.9	0.1
Haiti					
Honduras	5 200	2.6	35.6	8.1	0.8
Jamaica			20.9	10.2	1.1
Martinique	873				
Mexico	238 830	4.5	36.9	5.1	7.2
Montserrat					
Nicaragua		4.4	22.2	3.0	1.8
Panama	8 066	6.6	24.9	5.4	6.7
Paraguay	25 823		15.1	29.8	19.8
Peru		2.4	59.0	22.4	5.3
Puerto Rico	3 255				
Saint Barthélemy					
Saint Kitts and Nevis	22	3.6	5.5	3.3	3.3
Saint Lucia	14				
Saint-Martin (French Part)					
Saint Vincent and the Grenadines	112				
Sint Maarten (Dutch Part)					
Suriname	1 013	15.0	118.2	13.1	12.2
Trinidad and Tobago	5 129		100.9	12.1	33.2
Turks and Caicos Islands					
United States Virgin Islands	119				
Uruguay	36 465	6.7	55.0	51.3	1.5
Venezuela (Bolivarian Republic of)			77.3	18.0	31.7
Northern America			58.9	18.1	17.4
Bermuda					
Canada	733 182	1.0	36.7	10.8	4.8
Greenland					
Saint Pierre and Miquelon					
United States of America	4 389 812	2.2	65.9	20.4	21.4
Asia			128.1	47.6	21.3
Central Asia			23.4	7.1	1.2
Kazakhstan	52 084	0.6	1.3	1.1	0.0
Kyrgyzstan	25 512	0.2	18.2	1.7	0.0
Tajikistan	24 319		55.1	0.0	0.0
Turkmenistan					
Uzbekistan			130.7	40.2	7.9

TABLE 7: Inputs (continued)

	Agricultural tractors	Pesticide use	Fertilizer consumption		
	total	per ha of arable land and permanent crops	per ha of arable land and permanent crops		
	tractors 2000-09*	kg/ha 2005-09*	nitrogen kg/ha 2009	phosphate kg/ha 2009	potash kg/ha 2009
Eastern Asia			286.4	108.2	40.3
China, Hong Kong SAR		9.2	30.4	0.0	0.0
China, Macao SAR					
China	989 139	10.3	296.8	109.4	39.7
Democratic People's Republic of Korea					
Japan	2 027 674	13.1	120.1	106.0	45.0
Mongolia	4 700		7.8	0.0	0.0
Republic of Korea	191 631	11.6	136.8	89.7	95.1
South-Eastern Asia			69.5	15.3	17.6
Brunei Darussalam			25.4	2.2	2.2
Cambodia	2 166		4.2	4.8	0.2
Indonesia	4 013		68.8	11.9	19.8
Lao People's Democratic Republic		0.0			
Malaysia		7.2	127.0	8.8	46.9
Myanmar	10 606	0.3	4.2	0.4	0.4
Philippines	58 800		41.5	6.8	16.8
Singapore			3 631.4	365.7	0.0
Thailand	439 139	4.3	74.0	13.5	8.2
Timor-Leste		0.0			
Viet Nam	162 746		158.9	71.7	33.1
Southern Asia			92.9	38.9	17.7
Afghanistan	110		4.5	0.0	0.0
Bangladesh	1 000	1.6	164.3	50.2	34.9
Bhutan	117	0.1	16.1	4.7	3.1
India	2 091 000	0.2	91.7	42.5	21.4
Iran (Islamic Republic of)	228 000	0.4	41.4	18.1	3.6
Maldives			2.7	0.4	0.0
Nepal	26 300	0.1	11.2	4.8	0.8
Pakistan	326 595		163.2	44.5	0.8
Sri Lanka		0.5	83.7	24.2	34.7
Western Asia			49.0	16.6	5.4
Armenia	13 122	0.4	25.9	0.2	0.0
Azerbaijan	27 052	0.1	9.2	1.3	1.5
Bahrain	15	3.1	321.8	2.1	15.3
Cyprus	14 309	8.6	58.2	42.5	30.1
Georgia	17 199		33.7	0.4	0.2
Iraq	46 078	0.2	36.2	9.8	9.8
Israel	23 500		94.4	16.2	48.9
Jordan	5 732	3.1	18.2	0.0	235.7
Kuwait	89		0.0	0.0	40.0
Lebanon			43.8	23.2	18.2
Occupied Palestinian Territory	7 520	8.1			
Oman	180		116.3	12.1	43.6
Qatar	82		2 545.3	0.0	8.0
Saudi Arabia		1.2	37.6	0.0	3.1
Syrian Arab Republic	97 660		37.1	15.3	1.5
Turkey	941 835	1.4	58.2	23.9	2.7
United Arab Emirates	380		243.6	1.1	5.7
Yemen	6 340	0.1	9.5	0.0	0.2
Europe			44.1	11.4	11.7
Eastern Europe			24.0	7.6	8.1
Belarus	48 100		97.7	40.9	136.5
Bulgaria	53 100		111.8	47.9	1.2
Czech Republic	83 813	1.6	69.4	10.8	6.3
Hungary	120 477	1.9	57.5	9.2	10.0
Poland	1 577 290	1.3	79.4	27.3	30.7
Republic of Moldova	35 984	1.1	6.9	0.8	0.4
Romania	176 841	0.7	32.4	11.0	3.2
Russian Federation	329 980		10.0	3.2	2.2
Slovakia	21 372	1.1	61.8	9.4	5.8
Ukraine	333 529	1.1	21.1	5.7	2.2
Northern Europe			110.2	22.9	25.4
Åland Islands					
Channel Islands					
Denmark	113 402	1.0	76.7	8.4	17.8
Estonia	33 744	0.6	45.2	9.4	13.9
Faroe Islands					
Finland	175 232	0.7	76.4	27.7	3.7
Guernsey					
Iceland	11 432	0.8	1 714.3	542.9	414.3

TABLE 7: Inputs (continued)

	Agricultural tractors	Pesticide use	Fertilizer consumption		
	total	per ha of arable land and permanent crops	per ha of arable land and permanent crops		
	tractors 2000-09*	kg/ha 2005-09*	nitrogen kg/ha 2009	phosphate kg/ha 2009	potash kg/ha 2009
Ireland	174 800	2.0	331.9	61.5	82.6
Isle of Man					
Jersey					
Latvia	59 562	0.8	45.6	9.5	9.5
Lithuania	117 580	1.1	24.0	22.6	4.7
Norway	132 673	0.6	115.3	24.4	50.2
Sark					
Svalbard and Jan Mayen Islands					
Sweden	159 590	0.7	53.9	7.0	8.2
United Kingdom		3.0	166.8	30.2	41.2
Southern Europe			53.0	17.5	11.7
Albania	7 438		47.9	29.5	0.5
Andorra	353				
Bosnia and Herzegovina			20.6	4.3	4.3
Croatia	4 242		183.4	36.4	6.5
Gibraltar					
Greece	259 613		35.7	12.6	8.0
Holy See					
Italy	1 754 401	5.6	51.3	17.5	16.1
Malta	1 092	13.0	41.9	10.6	12.6
Montenegro		0.0	5.8	2.5	2.1
Portugal	176 394	6.4	52.5	25.2	21.3
San Marino					
Serbia	5 844		88.1	26.2	14.6
Slovenia	103 756	5.7	139.4	35.7	35.5
Spain	1 038 726		45.4	15.3	9.6
The former Yugoslav Republic of Macedonia	53 606	0.2	38.3	7.6	6.6
Western Europe			111.3	19.5	23.9
Austria	331 528	2.4	55.4	12.5	11.3
Belgium	95 010	10.3			
France	1 176 425	2.9	98.3	20.6	21.3
Germany	989 488	2.3	129.2	19.4	29.9
Liechtenstein					
Luxembourg	6 446		261.7	10.4	20.2
Monaco					
Netherlands	144 600	8.8	205.6	9.1	15.7
Switzerland	106 200	4.9	118.6	27.2	34.2
Oceania			22.6	19.5	3.7
Australia and New Zealand			22.8	20.1	3.5
Australia			17.9	13.5	3.3
New Zealand		9.5	450.2	600.8	19.3
Norfolk Island					
Melanesia			18.2	1.6	9.7
Fiji	5 983		11.3	2.4	1.4
New Caledonia	1 941	2.7	29.7	27.1	32.5
Papua New Guinea			19.8	1.1	11.6
Solomon Islands					
Vanuatu					
Micronesia			0.0	0.0	0.0
Guam					
Kiribati					
Marshall Islands			0.0	0.0	0.0
Micronesia (Federated States of)					
Nauru					
Northern Mariana Islands	99				
Palau					
Polynesia			39.4	2.1	2.2
American Samoa	36				
Cook Islands		1.1	2.7	2.7	2.7
French Polynesia		1.8	11.0	8.6	8.2
Niue					
Pitcairn Islands					
Samoa	94		0.2	0.2	0.2
Tokelau					
Tonga	243		162.0	0.9	1.7
Tuvalu	1				
Wallis and Futuna Islands					

TABLE 8: Agricultural capital stock

	Gross capital stock								
	total			share					
	million US\$ 2007	p.a. growth		land development %	plantation crops %	livestock fixed assets %	livestock inventory %	structures for livestock %	machinery & equipment %
		1990-2000	2000-07						
World	5 356 831	0.6	0.7	31.2	7.7	27.4	4.8	5.1	23.8
Africa	526 417	1.6	1.8	32.1	7.1	42.9	7.6	6.6	3.8
Eastern Africa	160 262	0.5	2.5	19.4	4.6	55.8	9.8	7.3	3.2
Burundi	1 685	-1.0	4.5	16.0	17.8	46.7	8.2	3.4	7.7
Comoros	140	1.9	0.7	17.3	47.5	21.3	3.8	3.8	6.3
Djibouti	386	1.9	0.1	2.4	0.0	73.2	12.9	9.1	2.4
Eritrea	3 396		-0.5	17.8	0.1	63.4	11.2	5.8	1.8
Ethiopia	48 891		5.7	5.9	1.2	69.1	12.2	9.3	2.3
Kenya	18 542	-0.8	2.0	15.4	4.1	59.0	10.4	7.2	3.8
Madagascar	17 689	0.3	-0.2	46.5	4.2	36.3	6.4	4.9	1.6
Malawi	3 125	2.8	3.1	35.5	4.0	42.8	7.6	3.3	6.7
Mauritius	274	0.5	0.4	60.9	1.8	24.8	4.4	1.0	7.2
Mayotte									
Mozambique	4 953	2.1	1.4	37.0	5.3	38.9	6.9	3.4	8.7
Réunion	334	1.5	1.2	47.4	1.9	23.4	4.1	1.1	22.0
Rwanda	2 007	0.6	5.1	11.4	9.0	57.5	10.1	5.2	6.8
Seychelles	11	0.5	-5.1	3.6	43.0	33.9	6.0	1.0	12.5
Somalia	13 261	-0.3	0.1	21.7	0.4	59.3	10.5	7.3	0.8
Uganda	8 730	1.8	2.5	12.8	19.8	45.9	8.1	8.3	5.2
United Republic of Tanzania	21 894	1.7	1.2	27.9	11.1	42.6	7.5	7.9	2.9
Zambia	5 987	0.9	1.5	30.9	0.8	50.7	8.9	4.6	4.1
Zimbabwe	8 957	-0.6	-0.4	7.7	0.6	68.5	12.1	5.8	5.3
Middle Africa	30 385	1.0	1.0	27.0	10.9	43.3	7.6	7.3	3.8
Angola	6 663	0.7	0.6	32.7	7.4	42.5	7.5	5.9	4.0
Cameroon	7 423	0.9	0.3	24.0	17.5	41.4	7.3	7.8	1.9
Central African Republic	2 492	2.5	1.8	15.8	2.6	56.0	9.9	13.8	1.8
Chad	7 111	2.7	3.1	19.5	0.5	57.5	10.1	10.9	1.5
Congo	636	1.1	1.5	32.5	12.6	40.1	7.1	2.0	5.7
Democratic Republic of the Congo	5 023	-1.2	-0.2	38.4	16.6	27.5	4.9	2.1	10.6
Equatorial Guinea	369	0.1	-2.1	27.1	66.8	3.4	0.6	0.1	1.9
Gabon	444	1.0	-0.7	26.4	38.3	22.7	4.0	0.9	7.7
Sao Tome and Principe	225	0.7	0.2	54.1	42.7	1.9	0.3	0.2	0.8
Northern Africa	143 374	2.4	1.1	50.8	4.5	30.3	5.3	4.1	5.1
Algeria	14 545	1.0	1.2	42.0	6.9	28.8	5.1	1.4	15.8
Egypt	36 793	2.3	1.5	73.6	2.3	15.1	2.7	2.3	4.0
Libya	7 531	-0.1	0.7	64.6	5.6	15.4	2.7	0.5	11.1
Morocco	26 006	0.7	0.0	63.2	4.9	22.9	4.0	1.2	3.7
South Sudan									
Sudan									
Sudan (former)	48 106	4.5	1.4	29.4	0.4	50.9	9.0	9.0	1.3
Tunisia	10 304	1.8	0.8	40.5	25.5	19.2	3.4	0.9	10.5
Western Sahara									
Southern Africa	50 257	0.1	-0.3	31.3	7.3	32.6	5.7	17.2	6.0
Botswana	1 870	-0.3	-1.5	4.6	0.1	65.8	11.6	12.7	5.2
Lesotho	1 082	0.9	-0.8	12.2	0.5	64.7	11.4	7.1	4.0
Namibia	2 653	0.8	0.4	14.8	0.5	61.4	10.8	9.4	3.1
South Africa	43 832	0.1	-0.2	33.8	8.3	28.4	5.0	18.3	6.3
Swaziland	820	-0.3	-0.7	37.5	2.4	44.3	7.8	6.7	1.3
Western Africa	142 138	2.6	2.7	28.9	11.8	44.7	7.9	4.5	2.3
Benin	2 957	3.5	2.0	29.8	11.8	42.8	7.5	6.1	2.0
Burkina Faso	10 177	3.8	4.1	11.0	0.5	65.5	11.6	8.8	2.6
Côte d'Ivoire	7 852	1.1	0.9	16.9	65.3	11.4	2.0	1.6	2.7
Cape Verde	207	2.2	4.4	19.1	1.9	64.5	11.4	2.5	0.7
Gambia	376	1.3	4.2	21.8	1.1	51.2	9.0	11.2	5.5
Ghana	7 209	2.6	2.9	16.7	37.0	34.4	6.1	2.3	3.6
Guinea	5 399	5.4	4.8	12.4	8.0	59.3	10.5	7.2	2.6
Guinea-Bissau	1 821	3.9	0.8	24.9	29.3	35.6	6.3	3.0	0.9
Liberia	637	1.7	0.9	23.8	45.4	20.7	3.6	0.9	5.7
Mali	12 642	4.1	3.4	30.2	1.1	51.5	9.1	6.8	1.4
Mauritania	4 331	3.1	1.2	8.9	0.3	70.9	12.5	6.6	0.7
Niger	13 096	3.5	3.1	27.7	0.3	54.1	9.5	7.3	1.1
Nigeria	60 871	2.1	2.6	40.1	11.0	36.6	6.5	3.2	2.7
Saint Helena, Ascension and Tristan da Cunha	3	2.6	-0.3	65.8	0.0	22.4	3.9	2.2	5.5
Senegal	10 561	1.5	1.1	11.9	0.4	70.3	12.4	3.5	1.4
Sierra Leone	2 224	1.0	6.2	44.2	9.7	34.5	6.1	3.3	2.1
Togo	1 775	0.7	1.7	34.7	9.0	43.2	7.6	2.6	2.9

TABLE 8: Agricultural capital stock (continued)

	Gross capital stock								
	total			share					
	million US\$ 2007	p.a. growth		land development %	plantation crops %	livestock fixed assets %	livestock inventory %	structures for livestock %	machinery & equipment %
		1990-2000	2000-07						
Americas	1 446 805	0.3	0.6	26.1	5.7	30.6	5.4	7.2	25.1
Latin America and the Caribbean	727 156	0.5	0.9	24.3	6.9	47.1	8.3	5.2	8.1
Anguilla									
Antigua and Barbuda	39	0.3	0.9	11.6	5.6	56.7	10.0	4.3	11.8
Argentina	79 463	-0.8	0.7	15.2	1.4	52.4	9.2	6.2	15.6
Aruba									
Bahamas	30	1.7	0.6	28.5	31.4	26.3	4.6	0.7	8.5
Barbados	88	-1.6	-3.3	17.7	1.3	45.9	8.1	1.3	25.7
Belize	197	1.8	1.7	21.6	28.4	33.6	5.9	3.6	6.9
Bolivia (Plurinational State of)	9 239	2.2	2.6	20.6	3.9	55.0	9.7	8.3	2.4
Bonaire, Sint Eustatius and Saba									
Brazil	212 210	1.0	1.6	21.2	6.9	42.3	7.5	8.8	13.4
British Virgin Islands	9	-0.5	0.0	4.8	20.5	58.9	10.4	3.3	2.1
Cayman Islands									
Chile	22 663	1.6	-0.2	44.4	5.0	30.8	5.4	1.7	12.8
Colombia	102 648	0.3	0.7	7.8	5.4	70.7	12.5	2.6	1.1
Costa Rica	2 165	-0.6	0.3	24.1	27.5	27.2	4.8	5.5	10.9
Cuba	24 317	-1.1	-0.6	21.4	3.5	55.7	9.8	1.6	8.1
Curaçao									
Dominica	61	1.2	1.1	4.2	57.0	27.6	4.9	2.1	4.2
Dominican Republic	10 301	0.2	2.2	24.2	16.3	47.8	8.4	2.6	0.5
Ecuador	18 931	0.4	-0.8	36.7	22.3	30.8	5.4	2.4	2.4
El Salvador	2 686	-0.0	1.1	28.2	26.8	27.9	4.9	4.9	7.2
Falkland Islands (Malvinas)	144	-0.6	-0.2	0.0	0.0	84.3	14.9	0.3	0.5
French Guiana	40	-0.3	-0.5	33.2	19.0	32.6	5.8	2.1	7.3
Grenada	39	-0.3	1.7	14.0	56.7	22.8	4.0	1.2	1.3
Guadeloupe	157	-0.0	0.6	18.5	4.2	59.0	10.4	4.6	3.4
Guatemala	9 433	1.6	4.6	25.0	30.5	32.2	5.7	3.2	3.3
Guyana	1 049	0.2	-0.1	70.9	4.5	13.6	2.4	1.0	7.6
Haiti	4 949	2.7	0.2	17.3	11.8	55.6	9.8	3.9	1.6
Honduras	4 388	-1.2	2.2	25.5	25.9	30.9	5.5	5.7	6.5
Jamaica	2 273	0.5	0.6	9.7	13.4	59.6	10.5	1.9	5.0
Martinique	93	-0.9	-2.7	30.5	14.7	39.4	7.0	2.6	5.8
Mexico	121 134	0.5	0.1	47.5	7.1	32.3	5.7	2.9	4.5
Montserrat									
Nicaragua	6 120	3.1	0.6	41.9	17.0	28.8	5.1	5.7	1.5
Panama	3 592	0.5	1.3	12.8	8.8	56.0	9.9	4.3	8.1
Paraguay	8 465	1.3	1.5	20.7	1.9	51.2	9.0	11.5	5.7
Peru	23 685	1.2	0.8	34.2	8.1	45.3	8.0	2.4	2.0
Puerto Rico	774	-2.8	-1.5	14.7	9.3	54.6	9.6	4.5	7.3
Saint Barthélemy									
Saint Kitts and Nevis	17	-1.6	-4.0	13.3	0.0	67.8	12.0	3.9	2.9
Saint Lucia	57	0.2	-2.4	23.7	24.8	40.4	7.1	2.3	1.7
Saint-Martin (French Part)									
Saint Vincent and the Grenadines	28	-1.9	-0.4	23.1	21.9	41.5	7.3	1.8	4.3
Sint Maarten (Dutch Part)									
Suriname	677	0.5	-1.8	79.7	5.0	9.5	1.7	0.7	3.4
Trinidad and Tobago	321	-1.9	0.7	14.6	16.2	44.0	7.8	1.2	16.3
Turks and Caicos Islands									
United States Virgin Islands	17	-0.5	-0.2	2.7	11.6	62.1	11.0	4.7	8.0
Uruguay	25 136	0.3	1.7	5.9	0.3	73.7	13.0	4.6	2.5
Venezuela (Bolivarian Republic of)	29 509	0.7	0.7	20.1	7.9	50.7	8.9	5.3	7.0
Northern America	719 649	0.2	0.2	27.9	4.4	13.9	2.4	9.1	42.2
Bermuda									
Canada	100 518	-0.1	0.5	23.4	22.5	8.8	1.6	7.8	35.9
Greenland	6	-0.4	-0.4	0.0	0.0	47.7	8.4	0.0	43.9
Saint Pierre and Miquelon									
United States of America	619 125	0.2	0.2	28.6	1.5	14.7	2.6	9.3	43.3
Asia	2 225 311	1.2	1.1	36.1	10.1	24.8	4.4	2.8	21.9
Central Asia	106 480		1.1	59.6	1.9	19.2	3.4	1.7	14.2
Kazakhstan	47 162		0.9	73.6	1.0	14.4	2.5	1.4	7.0
Kyrgyzstan	6 394		-0.1	63.0	3.3	18.2	3.2	2.2	10.2
Tajikistan	6 429		1.4	55.8	6.4	26.3	4.6	2.3	4.6
Turkmenistan	19 528		1.7	47.2	1.3	19.1	3.4	1.0	28.1
Uzbekistan	26 967		1.4	44.1	2.6	26.2	4.6	2.5	19.9

TABLE 8: Agricultural capital stock (continued)

	Gross capital stock								
	total			share					
	million US\$ 2007	p.a. growth		land development	plantation crops	livestock fixed assets	livestock inventory	structures for livestock	machinery & equipment
		%	%	%	%	%	%	%	%
	1990-2000	2000-07	2007	2007	2007	2007	2007	2007	
Eastern Asia	887 564	0.8	0.7	23.1	5.7	28.4	5.0	1.7	36.1
China, Hong Kong SAR									
China, Macao SAR									
China	559 504	1.7	1.3	33.6	8.7	32.4	5.7	2.0	17.5
Democratic People's Republic of Korea	7 366	-0.5	0.6	43.5	8.7	20.8	3.7	1.2	22.2
Japan	292 402	-1.1	-0.5	3.9	0.3	18.8	3.3	0.8	72.9
Mongolia	10 992	3.4	0.5	2.7	0.0	77.4	13.7	5.5	0.7
Republic of Korea	17 301	4.6	1.9	12.1	3.8	32.1	5.7	1.4	44.9
South-Eastern Asia	286 230	2.2	2.0	24.0	41.5	19.1	3.4	2.0	10.0
Brunei Darussalam	83	4.6	4.9	5.0	29.6	54.1	9.5	0.6	1.1
Cambodia	5 553	1.5	1.4	37.6	8.9	35.7	6.3	6.8	4.8
Indonesia	100 102	1.5	1.6	19.6	49.3	16.1	2.8	1.4	10.8
Lao People's Democratic Republic	3 798	1.9	2.4	24.1	7.1	51.4	9.1	6.0	2.3
Malaysia	22 014	1.1	0.3	5.8	82.4	7.4	1.3	0.4	2.7
Myanmar	23 638	2.1	3.2	33.0	14.9	33.6	5.9	6.0	6.6
Philippines	30 360	0.8	0.7	16.0	53.5	22.0	3.9	2.0	2.7
Singapore									
Thailand	32 726	0.1	1.4	38.9	29.1	20.0	3.5	2.3	6.2
Timor-Leste	689	4.4	2.2	13.2	30.1	42.7	7.5	4.5	2.0
Viet Nam	67 267	5.9	3.5	28.9	31.4	17.0	3.0	1.3	18.3
Southern Asia	686 365	1.4	1.4	43.9	6.1	27.8	4.9	5.5	11.9
Afghanistan	30 924	1.1	-0.0	80.6	0.4	14.9	2.6	1.5	0.0
Bangladesh	66 126	1.1	2.1	14.1	3.0	65.1	11.5	4.3	2.0
Bhutan	350	-0.6	0.8	23.3	23.4	33.6	5.9	10.7	3.0
India	369 127	1.6	1.2	42.7	8.4	20.6	3.6	7.0	17.7
Iran (Islamic Republic of)	85 173	1.0	1.6	63.5	1.7	17.9	3.2	1.2	12.6
Maldives	15	2.0	-2.6	11.6	83.1	0.0	0.0	0.0	5.2
Nepal	8 855	1.4	1.3	32.5	3.9	39.1	6.9	12.4	5.2
Pakistan	119 020	1.7	2.2	42.6	2.6	39.9	7.0	4.9	2.9
Sri Lanka	6 774	-1.2	-0.1	25.5	52.7	14.3	2.5	2.1	2.9
Western Asia	258 672	1.3	0.9	63.3	4.0	13.0	2.3	0.9	16.4
Armenia	2 952		1.2	59.8	8.2	20.1	3.5	1.9	6.5
Azerbaijan	13 465		0.6	49.5	5.6	21.4	3.8	1.7	18.0
Bahrain	58	3.7	-0.1	62.3	7.1	24.0	4.2	1.8	0.6
Cyprus	1 194	1.4	0.6	47.2	5.1	17.8	3.1	0.7	26.0
Georgia	5 619		-1.5	40.3	7.9	25.7	4.5	1.8	19.8
Iraq	31 881	-0.0	0.2	83.2	0.9	8.8	1.5	0.5	5.1
Israel	2 484	-0.0	0.1	41.2	9.9	16.4	2.9	8.8	20.7
Jordan	1 530	1.8	1.1	51.1	7.4	27.1	4.8	0.9	8.8
Kuwait	310	6.2	3.9	26.4	1.6	58.1	10.2	1.4	2.2
Lebanon	2 845	0.6	0.1	73.2	16.8	6.5	1.1	0.4	2.0
Occupied Palestinian Territory	716	4.2	0.7	21.8	17.8	20.6	3.6	0.9	35.4
Oman	1 329	2.9	0.5	42.3	4.2	41.2	7.3	3.7	1.3
Qatar	192	6.9	-1.5	63.6	2.2	26.6	4.7	2.1	0.8
Saudi Arabia	23 710	0.8	0.1	87.5	1.7	7.9	1.4	0.3	1.2
Syrian Arab Republic	25 731	4.1	2.4	73.9	4.2	11.2	2.0	0.5	8.3
Turkey	129 094	0.8	0.8	54.8	4.0	12.4	2.2	0.8	25.7
United Arab Emirates	3 747	12.4	1.5	75.6	10.0	11.0	1.9	1.1	0.4
Yemen	11 815	2.8	4.0	66.0	4.4	21.7	3.8	1.9	2.2
Europe	980 267	-0.6	-0.7	29.6	6.4	16.6	2.9	5.1	39.4
Eastern Europe	402 793	-0.7	-1.2	45.7	5.5	15.6	2.7	1.1	29.4
Belarus	14 991		-2.3	21.5	2.8	36.5	6.4	2.5	30.3
Bulgaria	5 902	-4.8	-4.9	28.5	10.0	23.8	4.2	1.2	32.3
Czech Republic	11 636		-1.1	29.4	14.9	14.3	2.5	1.1	37.7
Hungary	11 224	0.2	-1.1	44.8	10.9	10.0	1.8	0.6	31.8
Poland	78 345	0.1	1.2	18.4	3.9	6.4	1.1	0.7	69.4
Republic of Moldova	4 906		-1.9	44.7	25.6	11.0	1.9	0.7	16.0
Romania	42 851	-1.5	-0.2	67.6	6.2	14.6	2.6	0.8	8.2
Russian Federation	167 552		-2.0	54.3	4.4	18.9	3.3	1.2	17.8
Slovakia	6 187		-2.0	63.7	4.0	8.9	1.6	0.8	21.1
Ukraine	59 200		-1.8	50.8	6.4	15.0	2.7	1.0	24.1
Northern Europe	133 000	-0.3	-0.2	10.5	0.4	25.4	4.5	9.4	49.8
Åland Islands									
Channel Islands									
Denmark	12 551	-1.4	-0.5	23.3	0.2	29.5	5.2	7.0	34.8
Estonia	2 189		-3.2	19.9	2.0	11.1	2.0	1.0	64.0
Faroe Islands									
Finland	12 581	-1.8	-0.6	8.2	0.2	11.5	2.0	4.3	73.8
Guernsey									
Iceland	1 027	-1.7	2.2	0.4	0.0	20.1	3.6	7.8	68.1

TABLE 8: Agricultural capital stock (continued)

	Gross capital stock								
	total			share					
	p.a. growth			land development	plantation crops	livestock fixed assets	livestock inventory	structures for livestock	machinery & equipment
	million US\$ 2007	% 1990-2000	% 2000-07	% 2007	% 2007	% 2007	% 2007	% 2007	% 2007
Ireland	19 709	1.0	-0.2	3.1	0.1	42.4	7.5	18.6	28.4
Isle of Man									
Jersey									
Latvia	3 899		1.6	20.7	1.2	6.1	1.1	0.9	69.9
Lithuania	8 691		0.7	17.5	2.0	8.9	1.6	0.9	69.1
Norway	9 077	-0.8	-0.3	11.4	0.2	13.2	2.3	5.6	67.2
Sark									
Svalbard and Jan Mayen Islands									
Sweden	14 388	-0.2	-0.5	10.6	0.2	27.0	4.8	6.2	51.3
United Kingdom	48 889	-0.2	-0.3	8.2	0.4	28.1	5.0	11.8	46.5
Southern Europe	223 235	0.6	-0.1	27.5	15.8	11.5	2.0	4.2	39.1
Albania	5 157	-1.4	0.0	67.3	15.6	11.6	2.1	1.2	2.3
Andorra	0	0.0	0.0	100.8	0.0	0.0	0.0	0.0	0.0
Bosnia and Herzegovina	2 034		0.3	21.7	14.1	26.3	4.6	2.3	31.0
Croatia	2 064		2.4	31.1	16.4	36.9	6.5	2.2	6.9
Gibraltar									
Greece	22 178	0.6	1.0	40.9	21.3	12.3	2.2	2.9	20.4
Holy See									
Italy	81 781	0.7	-0.9	22.6	9.9	7.5	1.3	4.5	54.2
Malta	98	-0.4	1.0	19.0	5.0	48.6	8.6	11.4	7.3
Montenegro	407			29.4	15.7	25.5	4.5	1.4	23.5
Portugal	13 942	-0.4	-2.0	27.0	18.6	15.3	2.7	5.7	30.6
San Marino									
Serbia	7 742			29.4	15.7	25.5	4.5	1.4	23.5
Slovenia	2 830		-0.8	4.5	3.3	15.1	2.7	1.5	72.9
Spain	83 480	0.8	0.7	26.6	20.2	12.0	2.1	4.6	34.5
The former Yugoslav Republic of Macedonia	1 522		1.5	46.7	7.9	13.4	2.4	1.8	27.9
Western Europe	221 239	-1.6	-0.9	13.9	2.1	18.5	3.3	10.7	51.5
Austria	15 218	-0.9	-0.4	7.3	1.5	13.6	2.4	7.4	67.8
Belgium	6 811			7.3	1.2	36.6	6.5	21.3	27.0
France	96 594	-0.6	-0.4	19.6	3.7	19.3	3.4	11.1	42.8
Germany	81 256	-3.1	-1.7	8.9	0.8	13.4	2.4	8.8	65.8
Liechtenstein	14	-0.3	0.0	13.7	0.0	29.0	5.1	22.6	29.5
Luxembourg	489			7.3	1.2	36.6	6.5	21.3	27.0
Monaco									
Netherlands	12 285	-0.8	-0.7	21.0	1.0	34.1	6.0	17.3	20.5
Switzerland	8 571	-0.9	-0.3	3.4	0.9	29.9	5.3	10.3	50.3
Oceania	178 030	0.1	-0.1	19.5	2.6	47.8	8.4	11.7	10.1
Australia and New Zealand	172 115	0.1	-0.1	20.0	0.8	48.3	8.5	12.0	10.3
Australia	115 091	0.3	-0.4	27.2	1.0	39.2	6.9	13.4	12.2
New Zealand	57 024	-0.4	0.5	5.5	0.5	66.5	11.7	9.2	6.6
Norfolk Island									
Melanesia	4 948	1.4	0.6	4.4	49.5	34.1	6.0	1.4	4.6
Fiji	1 009	1.3	-0.2	10.0	32.5	40.4	7.1	3.4	6.5
New Caledonia	617	-0.6	0.8	2.6	1.9	74.3	13.1	1.9	6.2
Papua New Guinea	2 465	1.9	0.5	3.3	57.2	29.3	5.2	0.4	4.7
Solomon Islands	199	0.6	1.2	2.9	76.6	14.8	2.6	0.6	2.5
Vanuatu	657	1.3	1.6	1.9	82.9	10.8	1.9	2.2	0.4
Micronesia	361	-1.2	0.1	1.0	89.0	6.9	1.2	0.4	1.4
Guam	30	-0.0	0.1	2.0	78.0	8.5	1.5	0.1	9.9
Kiribati	206	-1.4	0.1	0.8	96.3	2.0	0.3	0.0	0.5
Marshall Islands	40		0.0	0.0	99.4	0.0	0.0	0.0	0.6
Micronesia (Federated States of)	79		0.1	1.4	68.9	23.2	4.1	1.7	0.7
Nauru									
Northern Mariana Islands									
Palau	5		0.0	6.4	91.2	0.0	0.0	0.0	2.3
Polynesia	607	-0.0	0.9	5.2	55.7	31.1	5.5	1.0	1.6
American Samoa	12	0.3	0.0	5.3	56.4	31.8	5.6	0.1	0.8
Cook Islands									
French Polynesia	93	0.8	-0.3	2.5	55.8	29.0	5.1	1.1	6.5
Niue	8	0.1	1.1	3.9	83.1	9.9	1.7	0.1	1.1
Pitcairn Islands									
Samoa	344	-0.3	1.4	5.7	62.3	26.2	4.6	0.8	0.4
Tokelau									
Tonga	125	0.2	0.5	6.6	37.5	44.9	7.9	1.7	1.4
Tuvalu									
Wallis and Futuna Islands	25	0.2	0.0	1.3	47.1	43.3	7.6	0.3	0.3

TABLE 9: Foreign direct investment and official development assistance

	FDI, inward flows				ODA				
	agriculture, hunting, forestry, fishing		food, beverages, tobacco		total receipts		agriculture	forestry	fishery
	million US\$ 2000-01*	million US\$ 2010-11*	million US\$ 2000-01*	million US\$ 2010-11*	million US\$ 2000	million US\$ 2010	share of total % 2010	share of total % 2010	share of total % 2010
World									
Africa									
Eastern Africa									
Burundi					212	576	19.2	0.0	0.0
Comoros					37	82	2.1		0.1
Djibouti					122	175	0.8	0.1	0.0
Eritrea					523	107	3.0	0.0	10.6
Ethiopia	15		38		1 466	3 479	6.7	0.6	0.0
Kenya					1 475	3 489	9.9	0.4	0.4
Madagascar		16		0	630	343	5.6	0.6	0.2
Malawi					871	1 061	6.6	1.9	0.0
Mauritius	0	6	0	0	36	322	0.0		0.0
Mayotte					1	610	1.4		0.0
Mozambique	6		0		2 260	2 225	2.5	0.6	0.6
Réunion									
Rwanda					730	1 050	6.6	0.9	0.0
Seychelles					5	56	0.0		2.0
Somalia					140	394	0.3		0.0
Uganda	0	43	0	0	1 589	2 102	10.8	0.0	0.0
United Republic of Tanzania	-11		0		1 952	3 217	4.5	0.2	0.0
Zambia					1 593	852	4.8	0.0	0.0
Zimbabwe					279	602	15.5	0.0	
Middle Africa									
Angola					449	501	6.0	0.1	0.0
Cameroon					635	763	7.6	1.7	0.0
Central African Republic					170	256	0.7	0.4	0.0
Chad					521	549	1.8	0.0	
Congo					76	1 344	0.1	0.0	0.0
Democratic Republic of the Congo					276	3 726	2.7	0.3	0.0
Equatorial Guinea					34	83	0.0	0.1	0.3
Gabon					110	208	10.9	3.9	0.6
Sao Tome and Principe					64	41	6.4		2.6
Northern Africa									
Algeria					225	294	0.4	0.0	2.8
Egypt	16	30	36	0	1 970	2 531	6.0	0.0	0.0
Libya						46	0.1		
Morocco	6	10	0	0	996	2 138	6.8	0.0	1.9
South Sudan									
Sudan									
Sudan (former)					377	2 230	7.3	0.1	0.0
Tunisia	6	0	12	0	746	818	0.5	0.0	0.1
Western Sahara									
Southern Africa									
Botswana					45	120	0.6	0.1	0.0
Lesotho					75	262	0.1	0.0	
Namibia					160	395	2.0	1.3	0.6
South Africa					614	1 211	1.2	0.7	0.1
Swaziland					38	126	5.0	0.0	
Western Africa									
Benin					526	665	3.3	0.2	0.1
Burkina Faso					687	929	8.4	0.3	0.1
Cape Verde					118	239	1.1		0.6
Côte d'Ivoire					738	831	10.8	2.1	0.0
Gambia					67	194	9.0		0.1
Ghana					961	1 780	7.0	0.8	0.3
Guinea					230	153	5.5	0.4	0.1
Guinea-Bissau					151	146	0.9	0.1	7.2
Liberia					33	1 573	2.4	0.2	0.0
Mali					856	1 028	22.8	0.2	1.9
Mauritania	0				277	379	1.0	0.0	2.5
Niger					500	608	8.1	0.0	0.0
Nigeria	0	2	0	0	1 024	1 449	5.5		0.0
Saint Helena, Ascension and Tristan da Cunha					13	51			1.4
Senegal					1 012	1 493	17.4	1.3	1.0
Sierra Leone					437	516	16.7		0.0
Togo					113	549	7.6	0.0	0.0

TABLE 9: Foreign direct investment and official development assistance (continued)

	FDI, inward flows				ODA				
	agriculture, hunting, forestry, fishing		food, beverages, tobacco		total receipts		agriculture	forestry	fishery
	million US\$ 2000-01*	million US\$ 2010-11*	million US\$ 2000-01*	million US\$ 2010-11*	million US\$ 2000	million US\$ 2010	share of total % 2010	share of total % 2010	share of total % 2010
Americas									
Latin America and the Caribbean									
Anguilla					5	0			
Antigua and Barbuda					10	13			2.1
Argentina	0	663	6	841	75	157	4.0	0.5	20.5
Aruba									
Bahamas									
Barbados					4	23	1.7		0.0
Belize		4	0		26	54	46.7		0.1
Bolivia (Plurinational State of)	0	0	0	0	1 285	775	15.5	2.5	0.1
Bonaire, Sint Eustatius and Saba									
Brazil	73	618	453	1 592	292	1 035	1.9	20.5	0.0
British Virgin Islands									
Cayman Islands									
Chile		194		0	69	136	1.0	0.2	0.5
Colombia	12	131	0	0	1 587	1 263	9.0	0.0	0.1
Costa Rica	0	35	0	0	76	95	2.3	0.0	0.2
Cuba					88	122	7.1	0.0	0.3
Curaçao									
Dominica					21	9	0.0		0.3
Dominican Republic	0	0	0	0	355	464	4.1	0.1	0.0
Ecuador	19	-3	0	0	274	280	10.1	5.1	0.5
El Salvador	30	0	0	0	173	336	3.3	0.0	0.3
Falkland Islands (Malvinas)									
French Guiana									
Grenada					18	16	0.1		0.7
Guadeloupe									
Guatemala		0		0	328	480	9.7	0.1	0.1
Guyana					224	341	7.5	0.0	0.0
Haiti					218	3 655	2.0	0.1	0.0
Honduras	40	17	0	0	898	625	7.5	4.6	0.1
Jamaica	0	0	0	0	140	118	24.7	0.1	0.1
Martinique									
Mexico	95	17	230	2 949	346	1 177	0.2	1.7	0.0
Montserrat					48	25	0.0		
Nicaragua	4	0	0	0	646	640	9.6	0.9	0.0
Panama		16	0	0	38	62	4.1	1.3	2.9
Paraguay	-3	-1	40	10	62	223	10.2	0.2	0.1
Peru	0	0	0	0	1 016	770	8.2	2.0	0.6
Puerto Rico									
Saint Barthélemy									
Saint Kitts and Nevis					6	26	0.4		1.8
Saint Lucia					37	12	1.9		2.1
Saint-Martin (French Part)									
Saint Vincent and the Grenadines					17	11	3.0	0.0	
Sint Maarten (Dutch Part)									
Suriname					37	36	0.0	0.0	
Trinidad and Tobago	0	0	-18	4	15	49	0.4		
Turks and Caicos Islands					4				
United States Virgin Islands									
Uruguay	-15	314	-6	59	22	36	3.7	0.0	2.8
Venezuela (Bolivarian Republic of)	0	0			230	48	0.7	0.1	0.0
Northern America									
Bermuda									
Canada	0	0	0	0					
Greenland									
Saint Pierre and Miquelon									
United States of America									
Asia									
Central Asia									
Kazakhstan	5	4	90	209	302	311	0.6		0.0
Kyrgyzstan	0		0		379	550	1.8	0.1	0.0
Tajikistan					162	480	6.2	0.0	0.0
Turkmenistan					18	51	2.5	0.0	0.0
Uzbekistan					94	786	0.7		0.0

TABLE 9: Foreign direct investment and official development assistance (continued)

	FDI, inward flows				ODA				
	agriculture, hunting, forestry, fishing		food, beverages, tobacco		total receipts		agriculture	forestry	fishery
	million US\$ 2000-01*	million US\$ 2010-11*	million US\$ 2000-01*	million US\$ 2010-11*	million US\$ 2000	million US\$ 2010	share of total % 2010	share of total % 2010	share of total % 2010
Eastern Asia									
China, Hong Kong SAR			0	0					
China, Macao SAR			0	0					
China	917	2 009	76	0	3 271	2 383	0.6	2.5	0.0
Democratic People's Republic of Korea	-22	6	542	65	128	74	0.8		
Japan		-5	290	286					
Mongolia	1	0	0	4	311	611	3.1	0.4	1.4
Republic of Korea									
South-Eastern Asia									
Brunei Darussalam	0	0	0	0					
Cambodia	5	157	13	5	641	1 027	5.3	0.1	0.1
Indonesia	-1 566	317	0	0	2 310	3 294	3.6	2.1	0.2
Lao People's Democratic Republic	1	4	0	0	322	595	2.9	0.4	0.1
Malaysia	0	40	0	0	1 239	95	0.6	5.8	0.3
Myanmar	6		0		81	346	6.7	0.5	0.3
Philippines	0	4	0	0	1 119	1 344	3.3	0.4	0.5
Singapore			-7						
Thailand	-4	22	156	220	1 107	567	1.4	0.5	0.3
Timor-Leste					435	406	2.7	0.1	0.1
Viet Nam	120	77	0	0	2 128	4 007	6.2	0.1	0.0
Southern Asia									
Afghanistan					218	7 666	8.7	0.0	
Bangladesh	1	6	11	23	1 849	2 759	4.6	0.2	0.2
Bhutan					94	113	5.5	0.2	
India		0	49	0	2 840	7 765	2.8	0.0	0.0
Iran (Islamic Republic of)			42		182	128	1.4	0.3	
Maldives					46	95	0.1		0.0
Nepal					407	1 174	2.5	0.3	0.0
Pakistan	0	0	0	98	1 298	5 099	3.2	0.0	0.0
Sri Lanka			18		453	1 126	1.1	0.0	0.1
Western Asia									
Armenia	0	5	3	29	296	386	1.8	0.0	
Azerbaijan	0	0	0		247	206	1.6	0.0	
Bahrain					0				
Cyprus	0		0						
Georgia					308	892	2.8	0.0	
Iraq					136	2 337	2.5		
Israel	0		29						
Jordan	5		0		709	1 113	0.2	0.0	0.0
Kuwait									
Lebanon					133	490	6.2	0.2	0.0
Occupied Palestinian Territory					1 517	4 979	1.6	0.0	0.0
Oman		0		0	11	21	0.3		
Qatar									
Saudi Arabia		6	0	177	3				
Syrian Arab Republic					143	494	6.1		
Turkey		32	0	650	597	1 767	15.4		0.0
United Arab Emirates									
Yemen					673	937	2.7	0.0	2.4
Europe									
Eastern Europe									
Belarus						147	0.2		
Bulgaria	1	13	0	0					
Czech Republic	29	9	247	47					
Hungary	125	44	402	-110					
Poland	9		111						
Republic of Moldova					157	875	12.8		
Romania									
Russian Federation	48	235	528	1 801					
Slovakia	1		0						
Ukraine						578	0.5	0.0	
Northern Europe									
Åland Islands									
Channel Islands									
Denmark	0	0	1 019	726					
Estonia	-2	58	0	0					
Faroe Islands									
Finland			0	0					
Guernsey									
Iceland	-0	6	-20	-0					

TABLE 9: Foreign direct investment and official development assistance (continued)

	FDI, inward flows				ODA				
	agriculture, hunting, forestry, fishing		food, beverages, tobacco		total receipts		agriculture	forestry	fishery
	million US\$ 2000-01*	million US\$ 2010-11*	million US\$ 2000-01*	million US\$ 2010-11*	million US\$ 2000	million US\$ 2010	share of total % 2010	share of total % 2010	share of total % 2010
Ireland				-246					
Isle of Man									
Jersey									
Latvia	-13	28	0	0					
Lithuania	2	6	36	60					
Norway	0	0	0	0					
Sark									
Svalbard and Jan Mayen Islands									
Sweden	1		1 019	204					
United Kingdom	16	-702	632	14 640					
Southern Europe									
Albania		-1		0	508	491	3.0	0.8	0.0
Andorra									
Bosnia and Herzegovina				19	1 123	617	1.9	0.0	
Croatia	1	49	29	-4	146	233	16.7		0.0
Gibraltar									
Greece		-4		-82					
Holy See									
Italy	171	444	991	1 012					
Malta				0	1				
Montenegro					0	104	1.3	2.6	
Portugal	7	0	-142	0					
San Marino									
Serbia		14		101	2 567	1 252	2.9	0.5	
Slovenia					70				
Spain	-12	-118	0	0					
The former Yugoslav Republic of Macedonia	2	1	15	39	368	245	9.7	0.0	
Western Europe									
Austria	0	0	34	142					
Belgium				0					
France	11		569						
Germany	51	-1	-1 079	20					
Liechtenstein									
Luxembourg									
Monaco									
Netherlands									
Switzerland			0	0					
Oceania									
Australia and New Zealand									
Australia	-13		0						
New Zealand									
Norfolk Island									
Melanesia									
Fiji	0		1		15	65	18.9	0.1	1.5
New Caledonia									
Papua New Guinea					898	971	4.6	0.2	0.1
Solomon Islands					130	381	3.3	0.1	1.6
Vanuatu	0		0		36	76	2.0	0.5	0.2
Micronesia									
Guam									
Kiribati					30	34	0.8		4.5
Marshall Islands					56	82	0.1		0.6
Micronesia (Federated States of)					114	113	0.0		0.9
Nauru					0	19			1.3
Northern Mariana Islands									
Palau					18	20	0.7		1.6
Polynesia									
American Samoa									
Cook Islands					2	22			2.2
French Polynesia									
Niue					1	12			0.0
Pitcairn Islands									
Samoa					47	117	1.4	0.1	0.1
Tokelau					0	11			0.0
Tonga					31	95	1.1	0.0	0.4
Tuvalu					3	23	0.1		1.8
Wallis and Futuna Islands					0	124	0.5	0.8	

TABLE 10: Government expenditures

	Agriculture, forestry, fishing, and hunting				Environmental protection	
	% of total outlays		% of agricultural GDP		% of total outlays	
	cash	non-cash	cash	non-cash	cash	non-cash
	%	%	%	%	%	%
	2009-11*	2009-11*	2009-11*	2009-11*	2009-11*	2009-11*
World						
Africa						
Eastern Africa						
Burundi						
Comoros						
Djibouti						
Eritrea						
Ethiopia	17.5		6.1		0.0	
Kenya	4.6		5.7		0.8	
Madagascar						
Malawi						
Mauritius		3.8		30.1		3.4
Mayotte						
Mozambique					0.4	
Réunion						
Rwanda						
Seychelles	1.5				4.7	
Somalia						
Uganda	3.9		3.4		0.2	
United Republic of Tanzania	1.6		2.5			
Zambia						
Zimbabwe	16.0					
Middle Africa						
Angola	4.1		21.5		0.6	
Cameroon						
Central African Republic		2.3		0.8		0.0
Chad						
Congo		3.6		24.6		2.3
Democratic Republic of the Congo						
Equatorial Guinea	0.8		12.5		4.0	
Gabon						
Sao Tome and Principe		3.1				0.5
Northern Africa						
Algeria		3.6		23.4		0.3
Egypt	1.9		4.3		0.4	
Libya						
Morocco						
South Sudan						
Sudan						
Sudan (former)						
Tunisia	5.5		17.3		1.6	
Western Sahara						
Southern Africa						
Botswana	3.0		50.9			
Lesotho	2.4		13.2		0.3	
Namibia	4.1		13.6			
South Africa		1.2		16.5		0.3
Swaziland	4.9		31.5			
Western Africa						
Benin		1.4				0.4
Burkina Faso		2.5				0.2
Cape Verde	3.3		12.6		1.0	
Côte d'Ivoire		0.7		1.3		0.4
Gambia						
Ghana	1.5		0.5		2.9	
Guinea						
Guinea-Bissau						
Liberia	2.4		0.0			
Mali		2.2				0.6
Mauritania						
Niger						
Nigeria	0.9					
Saint Helena, Ascension and Tristan da Cunha						
Senegal						
Sierra Leone	1.1		0.6		0.1	
Togo						

TABLE 10: Government expenditures (continued)

	Agriculture, forestry, fishing, and hunting				Environmental protection	
	% of total outlays		% of agricultural GDP		% of total outlays	
	cash	non-cash	cash	non-cash	cash	non-cash
	%	%	%	%	%	%
	2009-11*	2009-11*	2009-11*	2009-11*	2009-11*	2009-11*
Americas						
Latin America and the Caribbean						
Anguilla						
Antigua and Barbuda						
Argentina						
Aruba						
Bahamas	1.0		9.3			
Barbados						
Belize						
Bolivia (Plurinational State of)						
Bonaire, Sint Eustatius and Saba						
Brazil						
British Virgin Islands						
Cayman Islands						
Chile		1.3		8.6		0.3
Colombia						
Costa Rica		1.1		4.2		0.4
Cuba						
Curaçao						
Dominica						
Dominican Republic		2.7		7.8		0.7
Ecuador						
El Salvador	1.8	1.8	2.7	2.7	0.5	0.5
Falkland Islands (Malvinas)						
French Guiana						
Grenada						
Guadeloupe						
Guatemala	2.1		0.8		0.6	
Guyana						
Haiti						
Honduras						
Jamaica	1.6		11.8		0.1	
Martinique						
Mexico	3.0		16.3			
Montserrat						
Nicaragua						
Panama	1.8		9.9			
Paraguay	3.4		2.8			
Peru						
Puerto Rico						
Saint Barthélemy						
Saint Kitts and Nevis	0.6		15.9			
Saint Lucia						
Saint-Martin (French Part)						
Saint Vincent and the Grenadines						
Sint Maarten (Dutch Part)						
Suriname						
Trinidad and Tobago						
Turks and Caicos Islands						
United States Virgin Islands						
Uruguay						
Venezuela (Bolivarian Republic of)						
Northern America						
Bermuda						
Canada						
Greenland						
Saint Pierre and Miquelon						
United States of America	0.6		14.6		1.2	
Asia						
Central Asia						
Kazakhstan						
Kyrgyzstan	1.8		3.3		0.7	
Tajikistan						
Turkmenistan						
Uzbekistan						

TABLE 10: Government expenditures (continued)

	Agriculture, forestry, fishing, and hunting				Environmental protection	
	% of total outlays		% of agricultural GDP		% of total outlays	
	cash	non-cash	cash	non-cash	cash	non-cash
	%	%	%	%	%	%
2009-11*	2009-11*	2009-11*	2009-11*	2009-11*	2009-11*	
Eastern Asia						
China, Hong Kong SAR						
China, Macao SAR					1.8	
China	1.7		2.3		0.1	
Democratic People's Republic of Korea						
Japan						
Mongolia						
Republic of Korea						
South-Eastern Asia						
Brunei Darussalam						
Cambodia						
Indonesia	0.9		0.9		0.5	
Lao People's Democratic Republic						
Malaysia	3.2		7.9		0.0	
Myanmar	6.3					
Philippines	5.9		8.0		1.0	
Singapore	0.2		117.7		0.0	
Thailand		5.6		9.2		0.2
Timor-Leste						
Viet Nam	2.5		4.1			
Southern Asia						
Afghanistan	3.7		2.7		0.1	
Bangladesh	8.9		6.4		0.1	
Bhutan	11.2		20.4		0.0	
India	6.8		6.4			
Iran (Islamic Republic of)	1.4				0.1	
Maldives	1.3		19.1		0.6	
Nepal	8.5		4.8		0.5	
Pakistan	1.0		1.0		0.0	
Sri Lanka	5.3		9.6			
Western Asia						
Armenia						
Azerbaijan	3.1		16.3		0.1	
Bahrain						0.4
Cyprus		2.5				0.1
Georgia	0.4		1.8		0.3	
Iraq						
Israel						0.3
Jordan	0.8		8.4		0.1	
Kuwait	0.0				0.0	
Lebanon		0.2		1.5		0.0
Occupied Palestinian Territory		0.8				0.1
Oman	0.8					
Qatar					0.5	
Saudi Arabia						
Syrian Arab Republic	4.4		6.0			
Turkey		4.5		14.1		0.2
United Arab Emirates						
Yemen	0.3		1.2		0.9	
Europe						
Eastern Europe						
Belarus	11.0		30.2		0.7	
Bulgaria	1.6		9.1		0.3	
Czech Republic	4.2		62.2		1.8	
Hungary						1.3
Poland		3.5		25.7		0.2
Republic of Moldova	4.5		9.8		0.7	
Romania						
Russian Federation		0.4		2.4		0.1
Slovakia		6.6		42.7		0.8
Ukraine	2.4		9.1		0.8	
Northern Europe						
Åland Islands						
Channel Islands						
Denmark						0.6
Estonia						2.2
Faroe Islands						
Finland		3.6		40.5		0.7
Guernsey						
Iceland		2.9		18.4		0.9

TABLE 10: Government expenditures (continued)

	Agriculture, forestry, fishing, and hunting				Environmental protection	
	% of total outlays		% of agricultural GDP		% of total outlays	
	cash %	non-cash %	cash %	non-cash %	cash %	non-cash %
	2009-11*	2009-11*	2009-11*	2009-11*	2009-11*	2009-11*
Ireland						1.5
Isle of Man						
Jersey						
Latvia	7.4		50.9		3.4	
Lithuania		4.2		32.6		0.8
Norway		1.5		43.2		0.3
Sark						
Svalbard and Jan Mayen Islands						
Sweden		0.7		12.3		0.5
United Kingdom						1.1
Southern Europe						
Albania						
Andorra						
Bosnia and Herzegovina						
Croatia	4.0		30.6		0.4	
Gibraltar						
Greece						0.3
Holy See						
Italy						0.6
Malta						3.4
Montenegro						
Portugal		0.8		13.9		0.6
San Marino						
Serbia	3.0		10.7		0.5	
Slovenia	3.8		45.5		1.4	
Spain		0.5		3.5		0.4
The former Yugoslav Republic of Macedonia						
Western Europe						
Austria						0.6
Belgium						0.1
France						0.7
Germany						1.1
Liechtenstein						
Luxembourg						1.5
Monaco						
Netherlands						0.7
Switzerland		7.0		60.9		1.4
Oceania						
Australia and New Zealand						
Australia						
New Zealand						
Norfolk Island						
Melanesia						
Fiji	2.8		3.3		0.2	
New Caledonia						
Papua New Guinea	2.4		2.4			
Solomon Islands						
Vanuatu	1.9		2.3			
Micronesia						
Guam						
Kiribati						
Marshall Islands						
Micronesia (Federated States of)						
Nauru						
Northern Mariana Islands						
Palau						
Polynesia						
American Samoa						
Cook Islands						
French Polynesia						
Niue						
Pitcairn Islands						
Samoa						
Tokelau						
Tonga						
Tuvalu						
Wallis and Futuna Islands						

TABLE 11: Innovation

	Agricultural R&D spending		Total public agric. research	Fixed broadband Internet	Mobile cellularity	Telephone lines	CPIA business regulatory environment
	million 2005 PPP US\$ 2000	million 2005 PPP US\$ 2008	expenditures	per 100 people	per 100 people	per 100 people	rating
			share of GDP %	subscribers	subscriptions	lines	(1 = low to 6 = high) rating
			2008	2010	2010	2010	2011
World	26 053	31 744		7.7	77.0	17.7	
Africa	1 889	2 324		0.5	53.6	3.1	
Eastern Africa	415	548		0.1	32.2	1.0	
Burundi	4	10	1.8	0.0	13.7	0.4	3.0
Comoros	2	2		0.0	22.5	2.9	2.5
Djibouti	0	0		0.9	18.6	2.1	3.5
Eritrea	8	3	0.4	0.0	3.5	1.0	2.0
Ethiopia	49	69	0.3	0.0	8.3	1.1	3.5
Kenya	151	173	1.3	0.0	61.6	0.9	4.0
Madagascar	9	12	0.3	0.0	37.2	0.7	3.0
Malawi	28	21	0.7	0.1	20.9	1.0	3.0
Mauritius	23	22	3.9	6.1	91.7	29.8	
Mayotte							
Mozambique	4	18	0.4	0.1	30.9	0.4	3.0
Réunion							
Rwanda	14	18	0.5	0.0	33.4	0.4	4.0
Seychelles	0	0	0.7	7.3	135.9	25.5	
Somalia					6.9	1.1	
Uganda	39	88	1.2	0.2	38.4	1.0	4.0
United Republic of Tanzania	38	77	0.5	0.0	46.8	0.4	3.5
Zambia	15	8	0.3	0.1	41.6	0.9	3.5
Zimbabwe	32	28		0.3	61.2	3.0	2.0
Middle Africa	108	150		0.0	31.0	0.8	
Angola	11	39		0.1	46.7	1.6	2.0
Cameroon	32	43		0.0	44.1	2.8	3.0
Central African Republic	8	9		0.0	22.2	0.1	2.0
Chad	14	8		0.0	25.6	0.5	2.0
Congo	3	4	0.8	0.0	98.9	0.2	2.5
Democratic Republic of the Congo	35	44		0.0	17.9	0.1	2.5
Equatorial Guinea	2	2		0.2	57.0	1.9	
Gabon	2	2	0.2	0.3	106.9	2.0	
Sao Tome and Principe	0	0		0.3	62.1	4.7	3.0
Northern Africa	610	628		1.7	86.1	9.7	
Algeria	102	112		2.5	92.4	8.2	
Egypt	298	293		1.8	87.1	11.9	
Libya	23	11		1.1	171.5	19.3	
Morocco	104	96	0.6	1.6	100.1	11.7	
South Sudan							
Sudan				0.0	41.5	1.3	2.5
Sudan (former)	38	52	0.3				
Tunisia	46	63		4.6	106.0	12.3	
Western Sahara							
Southern Africa	328	317		1.3	97.0	8.0	
Botswana	20	19	4.3	0.6	117.8	6.8	
Lesotho	1	1		0.0	45.5	1.8	3.0
Namibia	21	22	2.0	0.4	67.2	6.9	
South Africa	283	273	2.0	1.5	100.5	8.4	
Swaziland	2	2		0.1	61.2	4.5	
Western Africa	428	681		0.1	55.3	0.9	
Benin	13	22	0.6	0.0	79.9	1.5	3.5
Burkina Faso	23	19	0.4	0.1	34.7	0.9	3.5
Cape Verde	1	1		3.2	75.0	14.5	3.5
Côte d'Ivoire	56	43	0.5	0.0	79.0	1.4	3.0
Gambia	3	2	0.5	0.0	85.5	2.8	3.5
Ghana	41	100	0.9	0.2	71.5	1.1	4.5
Guinea	10	4	0.2	0.0	40.1	0.2	2.5
Guinea-Bissau	4	5				0.3	2.5
Liberia	5	5		0.0	39.3	0.1	3.0
Mali	31	25	0.6	0.0	48.4	0.7	3.5
Mauritania	6	6	1.2	0.2	79.3	2.1	3.0
Niger	5	6	0.2	0.0	24.5	0.5	3.0
Nigeria	191	404	0.4	0.1	55.1	0.7	3.5
Saint Helena, Ascension and Tristan da Cunha							
Senegal	25	25	0.9	0.6	67.1	2.7	4.0
Sierra Leone	1	6	0.3		34.1	0.2	3.0
Togo	12	8	0.5	0.1	40.7	3.5	2.5

TABLE 11: Innovation (continued)

	Agricultural R&D spending		Total public agric. research	Fixed broadband Internet	Mobile cellularity	Telephone lines	CPIA business regulatory environment
			expenditures	per 100 people	per 100 people	per 100 people	rating
	million 2005 PPP US\$ 2000	million 2005 PPP US\$ 2008	share of GDP % 2008	subscribers 2010	subscriptions 2010	lines 2010	(1 = low to 6 = high) rating 2011
Americas	7 814	8 763		14.2	94.2	29.5	
Latin America and the Caribbean	2 826	3 302		6.3	97.8	18.2	
Anguilla							
Antigua and Barbuda	0	0		8.0	189.3	40.9	
Argentina	238	441	0.9	9.6	132.9	24.7	
Aruba				17.9	122.6	32.6	
Bahamas	2	2		7.2	124.9	37.7	
Barbados	2	2		20.6	128.1	50.3	
Belize	2	2		2.9	62.3	9.7	
Bolivia (Plurinational State of)	48	46		1.0	72.3	8.6	2.5
Bonaire, Sint Eustatius and Saba							
Brazil	1 244	1 403	1.5	6.8	104.1	21.6	
British Virgin Islands							
Cayman Islands				33.5	177.6	66.4	
Chile	116	103	1.4	10.5	116.0	20.2	
Colombia	170	143	0.6	5.6	96.1	15.5	
Costa Rica	25	33		6.2	65.1	31.8	
Cuba				0.0	8.9	10.3	
Curaçao							
Dominica	1	1		12.3	155.8	22.9	4.0
Dominican Republic	14	15		3.6	89.6	10.2	
Ecuador	89	70		1.4	102.2	14.4	
El Salvador	6	6		2.8	124.3	16.2	
Falkland Islands (Malvinas)							
French Guiana							
Grenada	1	0		13.8	116.7	27.2	4.0
Guadeloupe							
Guatemala	8	7		1.8	125.6	10.4	
Guyana	6	6		1.5	73.6	19.9	3.0
Haiti				0.0	40.0	0.5	2.5
Honduras	11	12		0.0	125.1	8.8	3.5
Jamaica	13	10		4.3	116.1	9.6	
Martinique							
Mexico	483	585	1.1	10.0	80.6	17.5	
Montserrat							
Nicaragua	18	24		1.6	68.5	4.5	3.5
Panama	22	20		7.3	189.0	15.3	
Paraguay	9	5		0.4	91.7	5.6	
Peru	140	167		3.1	100.1	10.9	
Puerto Rico				14.7	78.3	23.8	
Saint Barthélemy							
Saint Kitts and Nevis	0	0		27.9	152.7	37.8	
Saint Lucia	1	1		11.8	113.7	21.5	4.5
Saint-Martin (French Part)							
Saint Vincent and the Grenadines	1	1		11.4	120.5	19.9	4.0
Sint Maarten (Dutch Part)							
Suriname	3	2		3.0	169.6	16.2	
Trinidad and Tobago	3	1		10.8	141.2	21.9	
Turks and Caicos Islands							
United States Virgin Islands				8.3		69.5	
Uruguay	36	61		10.9	131.7	28.6	
Venezuela (Bolivarian Republic of)	115	134		0.8	96.2	24.4	
Northern America	4 988	5 461		27.8	88.0	48.8	
Bermuda				61.7	135.8	89.0	
Canada	705	636	3.4	29.8	70.7	50.0	
Greenland				21.5	100.1	38.1	
Saint Pierre and Miquelon							
United States of America	4 283	4 825	3.2	27.6	89.9	48.7	
Asia	9 521	13 203		5.5	69.4	14.3	
Central Asia	70	153		2.6	90.1	12.0	
Kazakhstan	18	45		8.9	121.1	25.3	
Kyrgyzstan	7	13		0.3	98.9	9.2	3.5
Tajikistan	4	13		0.1	86.4	5.3	3.5
Turkmenistan	7	16		0.0	63.4	10.3	
Uzbekistan	34	67		0.4	76.3	6.9	3.0

TABLE 11: Innovation (continued)

	Agricultural R&D spending		Total public agric. research	Fixed broadband Internet	Mobile cellularity	Telephone lines	CPIA business regulatory environment
	million 2005 PPP US\$ 2000	million 2005 PPP US\$ 2008	expenditures	per 100 people	per 100 people	per 100 people	rating
			share of GDP %	subscribers	subscriptions	lines	(1 = low to 6 = high) rating
			2008	2010	2010	2010	2011
Eastern Asia	5 376	7 844		11.8	67.8	25.5	
China, Hong Kong SAR				29.9	195.6	61.8	
China, Macao SAR				24.2	206.4	30.8	
China	1 907	4 048	0.5	9.4	64.0	21.9	
Democratic People's Republic of Korea					1.8	4.8	
Japan	2 885	3 112	5.5	26.9	97.4	51.9	
Mongolia	1	0		2.6	91.1	7.0	3.5
Republic of Korea	583	685	2.3	35.7	105.4	59.2	
South-Eastern Asia	964	1 156		2.4	89.2	12.9	
Brunei Darussalam	1	0		5.4	109.1	20.0	
Cambodia	14	14		0.3	57.7	2.5	3.5
Indonesia	243	379		1.0	88.1	17.1	
Lao People's Democratic Republic	21	16		0.2	64.6	1.7	3.5
Malaysia	322	349		6.5	119.2	16.1	
Myanmar	6	7		0.0	1.2	1.0	
Philippines	126	133		1.8	85.7	7.3	
Singapore	0	0		25.0	145.2	39.2	
Thailand	190	171		4.6	103.6	10.0	
Timor-Leste				0.0	53.4	0.3	1.5
Viet Nam	40	86		4.2	127.0	16.4	3.5
Southern Asia	2 419	3 235		0.8	59.5	4.3	
Afghanistan				0.0	41.4	0.1	2.5
Bangladesh	142	132		0.0	46.2	1.0	3.5
Bhutan	0	0		1.2	54.3	3.6	3.5
India	1 487	2 121		0.9	61.4	2.9	3.0
Iran (Islamic Republic of)	574	731	1.0	1.3	73.1	34.9	
Maldives	0	0		4.8	156.5	9.0	4.0
Nepal	25	24		0.2	30.7	2.8	3.0
Pakistan	136	188		0.3	57.1	3.5	3.0
Sri Lanka	55	39		1.1	83.2	17.2	4.0
Western Asia	693	814		5.7	96.4	16.9	
Armenia	5	14		2.8	125.0	19.2	4.0
Azerbaijan	9	20		5.0	99.0	16.4	
Bahrain	1	2		5.4	124.2	18.1	
Cyprus	4	4		17.6	93.7	37.4	
Georgia	6	8		5.8	91.4	25.4	5.5
Iraq	40	69		0.0	73.5	5.4	
Israel	83	86	2.6	23.8	122.8	45.9	
Jordan	13	18	1.6	3.2	107.0	7.8	
Kuwait	2	4		1.7	160.8	20.7	
Lebanon	13	18		4.7	68.0	21.0	
Occupied Palestinian Territory							
Oman	18	25		1.6	165.5	10.1	
Qatar	5	8		8.1	124.3	16.6	
Saudi Arabia	132	84		5.5	187.9	15.2	
Syrian Arab Republic	71	74	0.4	0.3	57.8	19.9	
Turkey	235	315		9.7	84.9	22.3	
United Arab Emirates	31	18		10.5	145.5	19.7	
Yemen	25	46		0.3	46.1	4.3	3.0
Europe	5 862	6 722		21.4	130.2	41.0	
Eastern Europe	756	1 116		11.5	141.5	28.5	
Belarus	20	47		17.4	107.7	43.1	
Bulgaria	81	47		14.5	136.1	29.7	
Czech Republic	63	93	1.7	14.5	121.7	22.9	
Hungary	92	96	1.5	20.6	120.3	29.8	
Poland	229	243	1.2	13.0	122.7	20.0	
Republic of Moldova	4	4		7.5	88.6	32.5	3.5
Romania	8	56		14.0	113.6	20.9	
Russian Federation	167	376		11.0	166.3	31.4	
Slovakia	16	42	1.0	12.7	108.5	20.1	
Ukraine	74	110		6.5	118.6	28.5	
Northern Europe	1 130	1 044		30.3	128.3	49.0	
Åland Islands							
Channel Islands							
Denmark	142	77	5.0	37.7	125.8	47.1	
Estonia	8	8	1.3	25.1	123.2	36.0	
Faroe Islands				33.4	122.0	41.4	
Finland	98	135	3.0	29.3	156.4	23.3	
Guernsey							
Iceland	28	25	4.0	33.4	106.5	60.5	

TABLE 11: Innovation (continued)

	Agricultural R&D spending		Total public agric. research	Fixed broadband Internet	Mobile cellularity	Telephone lines	CPIA business regulatory environment
	million 2005 PPP US\$ 2000	million 2005 PPP US\$ 2008	expenditures	per 100 people	per 100 people	per 100 people	rating
			share of GDP %	subscribers	subscriptions	lines	(1 = low to 6 = high) rating
			2008	2010	2010	2010	2011
Ireland	90	113	5.7	21.1	105.2	46.5	
Isle of Man							
Jersey							
Latvia	7	22		19.3	102.4	23.6	
Lithuania	16	29		20.6	147.2	22.1	
Norway	146	149	5.9	35.3	115.7	45.4	
Sark							
Svalbard and Jan Mayen Islands							
Sweden	118	124	2.5	31.8	116.1	52.5	
United Kingdom	476	362		30.8	130.8	53.9	
Southern Europe	1 193	1 503		20.3	126.1	39.2	
Albania	11	20		3.3	84.0	10.4	
Andorra				28.9	77.2	45.0	
Bosnia and Herzegovina	5	9		8.2	82.7	26.6	3.5
Croatia	23	40		18.3	111.9	42.4	
Gibraltar							
Greece	42	57		19.9	108.2	51.7	
Holy See							
Italy	452	564	1.8	21.6	149.6	35.5	
Malta	1	2		28.1	109.4	58.8	
Montenegro	1	2		8.3	185.3	26.8	
Portugal	142	99	2.0	19.9	114.4	41.9	
San Marino				19.0	97.0	62.0	
Serbia	25	33		10.6	122.1	38.3	
Slovenia	19	11	0.9	23.7	104.5	44.9	
Spain	467	654	2.1	22.9	112.0	43.9	
The former Yugoslav Republic of Macedonia	4	10		12.5	104.5	20.0	
Western Europe	2 784	3 059		33.0	117.1	57.4	
Austria	115	132	2.8	24.7	145.8	40.5	
Belgium	189	221		31.5	113.5	43.3	
France	1 121	1 267	3.5	33.9	100.7	56.2	
Germany	882	984	4.4	31.7	127.0	64.2	
Liechtenstein				63.8	98.5	54.4	
Luxembourg	4	3		33.2	143.3	53.7	
Monaco				39.0	66.1	96.4	
Netherlands	429	411	4.1	38.1	115.4	43.5	
Switzerland	44	40		38.0	125.8	64.0	
Oceania	966	732		17.4	85.0	35.7	
Australia and New Zealand	944	714		23.5	102.2	46.8	
Australia	818	590	3.6	23.2	101.0	47.6	
New Zealand	126	124	2.2	24.9	107.8	43.0	
Norfolk Island							
Melanesia	22	18		0.8	37.3	3.8	
Fiji	0	0		2.7	81.1	15.1	
New Caledonia				15.2	88.0	28.8	
Papua New Guinea	21	17		0.1	27.8	1.8	3.0
Solomon Islands	0	0		0.4	27.9	1.5	3.0
Vanuatu	0	0		0.2	119.0	2.1	3.5
Micronesia	0	0		1.2	19.8	22.7	
Guam				1.7		36.4	
Kiribati	0	0		0.8	10.6	8.4	2.5
Marshall Islands					7.0	8.1	2.5
Micronesia (Federated States of)	0	0		0.9	24.8	7.6	2.0
Nauru							
Northern Mariana Islands						41.9	
Palau	0	0		1.2	70.9	34.1	
Polynesia	0	0		6.0	77.4	20.9	
American Samoa						15.2	
Cook Islands							
French Polynesia				11.9	79.7	20.3	
Niue							
Pitcairn Islands							
Samoa	0	0		0.1	91.4	19.3	3.5
Tokelau							
Tonga	0	0		1.1	52.2	29.8	3.0
Tuvalu				2.4	16.3	12.2	
Wallis and Futuna Islands							