



**Standing Committee
for Economic and Commercial Cooperation
of the Organization of Islamic Cooperation (COMCEC)**

COMCEC AGRICULTURE OUTLOOK 2018



**COMCEC COORDINATION OFFICE
September 2018**



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Preface

COMCEC Strategy adopted during the 4th Extraordinary Islamic Summit held in Makkah Al-Mukarramah on 14-15 August 2012, envisages Working Group Meetings as one of the instruments for its implementation. Through the Working Groups, experts from the member countries get the chance of elaborating the issues thoroughly in the respective cooperation areas and sharing their good practices, views and experiences. The Working Groups are established for each cooperation area defined by the Strategy, namely Trade, Transport and Communication, Tourism, Agriculture, Poverty Alleviation, and Finance.

The COMCEC Outlooks are prepared in each cooperation area of the Strategy with a view to exploring the global trends and current situation in the COMCEC in the respective areas and to enrich discussions during the Working Groups Meetings by providing up-to-date data and analysis.

This COMCEC Agriculture Outlook 2018 is revised and updated by Mr. Mehmet TARAKCIOĞLU, Expert for the Agriculture Working Group at the COMCEC Coordination Office with the objective of providing general information on the status of the agricultural sector in the Member States. It aims to be a frequently referred handbook for decision makers and other users; to identify the relationships between agriculture sector and other sectors; to be a source for monitoring and evaluation of current agricultural policies and to assist in formulation of better policies in the Member Countries by combining various data and statistics published or compiled by different institutions. This document also dwells on the major issues with regards to agricultural sector development and provides comparisons for different country groupings to expose the situation in the Member States and thus the cooperation potential.

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Acronyms and Abbreviations

COMCEC	The Standing Committee for Economic and Commercial Cooperation of the Organization of Islamic Cooperation
EIU	Economist Intelligent Unit
FAO	Food and Agriculture Organization
GDP	Gross Domestic Product
GHI	Global Hunger Index
ILO	International Labour Organization
km ³	Cubic Kilometer
m ³	Cubic Meter
OECD	Organization for Economic Co-operation and Development
OIC	Organization of Islamic Cooperation
UN	United Nations
TRADEMAP	Trade Data Repository developed by International Trade Center of UNCTAD/WTO
WTO	World Trade Organization

Introduction

As of 2016, world population has reached 7.44 billion people. Almost half of this lives in rural areas where the main economic activity is agriculture. For many economies, especially those of developing countries, agriculture plays a distinctive role in economic development.

Therefore, it is seen as an important engine of growth and unique source for poverty reduction in most of the developing world. Empirical studies demonstrate that agriculture is the most effective sector in generating income for the poorest segments of the population. Hence, it is accepted as a key sector for economic growth, reducing poverty and sustainable rural development especially in developing countries.

In most of the Organization of Islamic Cooperation (OIC) member countries, agriculture is one of the leading sectors in terms of its contribution to income, employment, and trade. In 2016, OIC agricultural gross domestic production (GDP) reached 649 billion US Dollars with a share of 20 percent in the world's agricultural production. Furthermore, the number of people employed in the agricultural sector in the OIC member countries reached 223 million in 2016, which accounts for 26 percent of world's agricultural employment. Agricultural commodity trade of the 57 OIC member countries has increased considerably in the period from 1990 to 2017 and reached 356 billion US Dollars. Thus, agricultural sector is of critical importance for many OIC member countries for generating income, increasing welfare, eradicating extreme poverty and hunger.

This report highlights the recent state of agricultural sector by analyzing macro agricultural indicators, sectoral indicators and state of food security in the OIC member countries. Agricultural value added, growth, population, employment, trade, resource use, production, productivity and selected dimensions of food security in the OIC member countries are presented and analyzed in this outlook. The report also dwells on the cooperation efforts under the Standing Committee for Economic and Commercial Cooperation of the Organization of Islamic Cooperation (COMCEC).

OIC member countries are analyzed in three groups: African Group, Arab Group and Asian Group. Furthermore, for more detailed analysis, agriculture sector trends in the OIC member countries are compared with the world trends. Lastly, key figures and tables created by COMCEC staff using most recent data from various international organizations are presented with the aim of enriching the understanding of the state of agriculture sector in the OIC.

1. Macro Agricultural Indicators

Macro agricultural indicators provide an overview of agricultural sector in an economy. They present the bigger picture and show the overall agricultural performance in a country. They can also be used to compare the performances of individual or groups of countries over time, among themselves, or with the rest of the world.

The value of total agricultural output, the share of agricultural production in an economy, the growth rate of the sector, agricultural population, contribution of agricultural sector to total employment, the share of agriculture in total exports and imports, and export/import ratios are useful macro indicators to assess the role and performance of agriculture in OIC member countries.

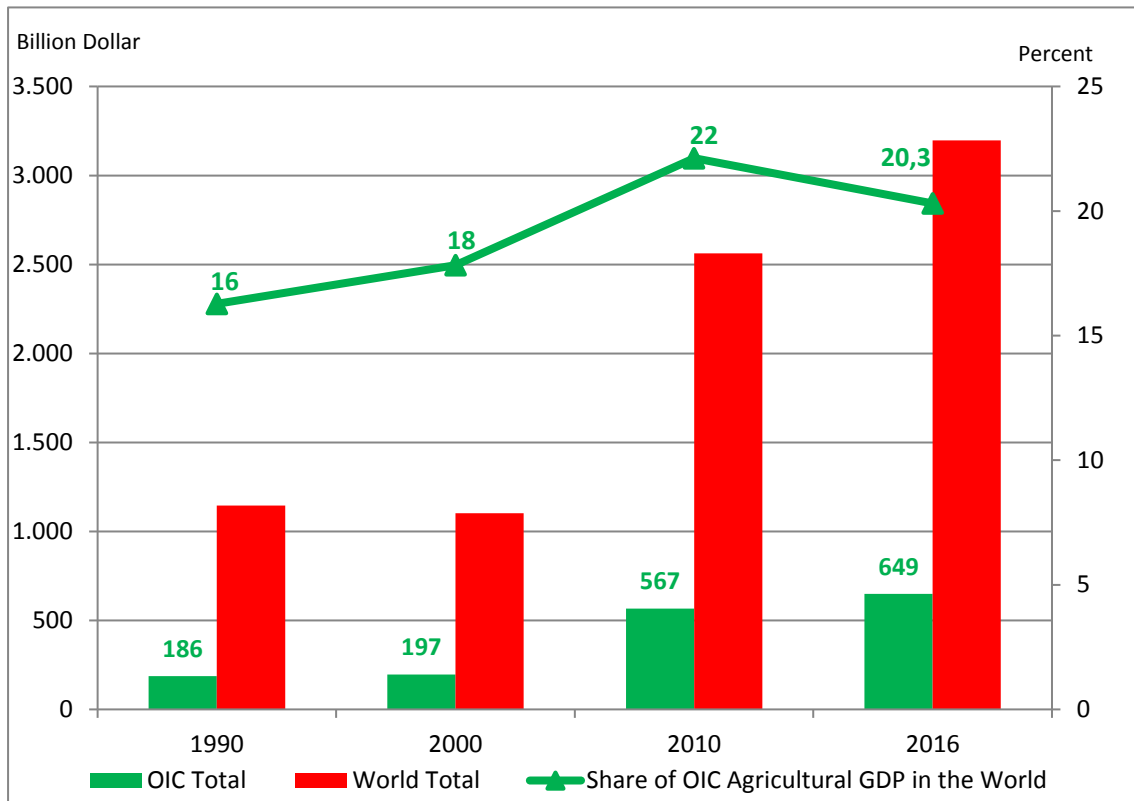
1.1 Agricultural Value Added

The agriculture sector in developing countries is one of the leading sectors in terms of its contributions to income. It is also the most effective sector in generating income for the poorest segment of the population, and hence of crucial importance for their welfare.¹ Suitability of ecological conditions, availability of natural resources, human capacity to carry out agricultural activities, and existence of production and marketing infrastructures play a crucial role in generating agricultural output and income. Agricultural sector is of critical importance for many OIC member countries; especially for the LDCs. The level of dependence on agriculture of overall economic growth is very high in many of the Member Countries.

The significance of agriculture in national economies varies extensively. While in many least developed countries, agriculture accounts for more than 50 percent of GDP, in many high income economies such as the members of Organization for Economic Cooperation and Development (OECD), agriculture constitutes less than 1.5 percent of overall economic output. Thus, the role of agriculture in overall economic growth will vary from country to country, and in general, agriculture is more important in poorer countries. In other words, in the least developed countries, one of the major drivers of overall economic growth is agriculture. This is largely due to higher income elasticity of demand for non-agricultural goods and services. As their incomes grow, consumers increase their consumption of manufactured goods and services faster than their consumption of agricultural goods.² In line with the theory of economic development, this characteristic of agriculture can be clearly observed in the OIC as a whole.

¹ COMCEC, 2012

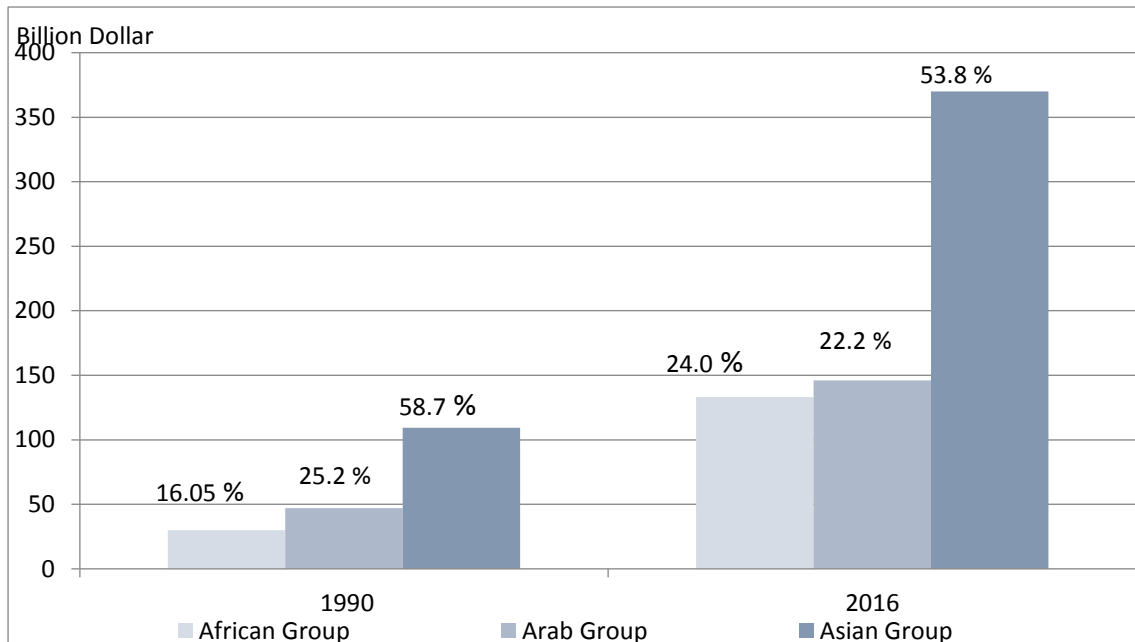
² Cervantes-Godoy and Dewbre

Figure 1. OIC Agricultural GDP and its Share in the World

Source: Annexes 2-6

The values of agricultural production in the OIC member countries have increased in the last decades due to increases in production as well as higher prices. Figure 1 shows agricultural sector's contribution to GDP and its share in the world's agricultural production. In 1990, OIC agricultural GDP was 186 billion US Dollars with a share of 16 percent in the world's agricultural production. In 2016, OIC agricultural GDP reached 649 billion US Dollars with a share of 20 percent in the world's agricultural production. This figure is important because it shows the increasing importance of OIC agriculture in the world. However, OIC member countries have a relatively lower performance in agriculture sector since, according to FAO, OIC member countries own 29 percent of total world agricultural area as of 2015. Therefore, the potential of agricultural sector in OIC member countries could be more effectively utilized to increase their share in world agricultural output.

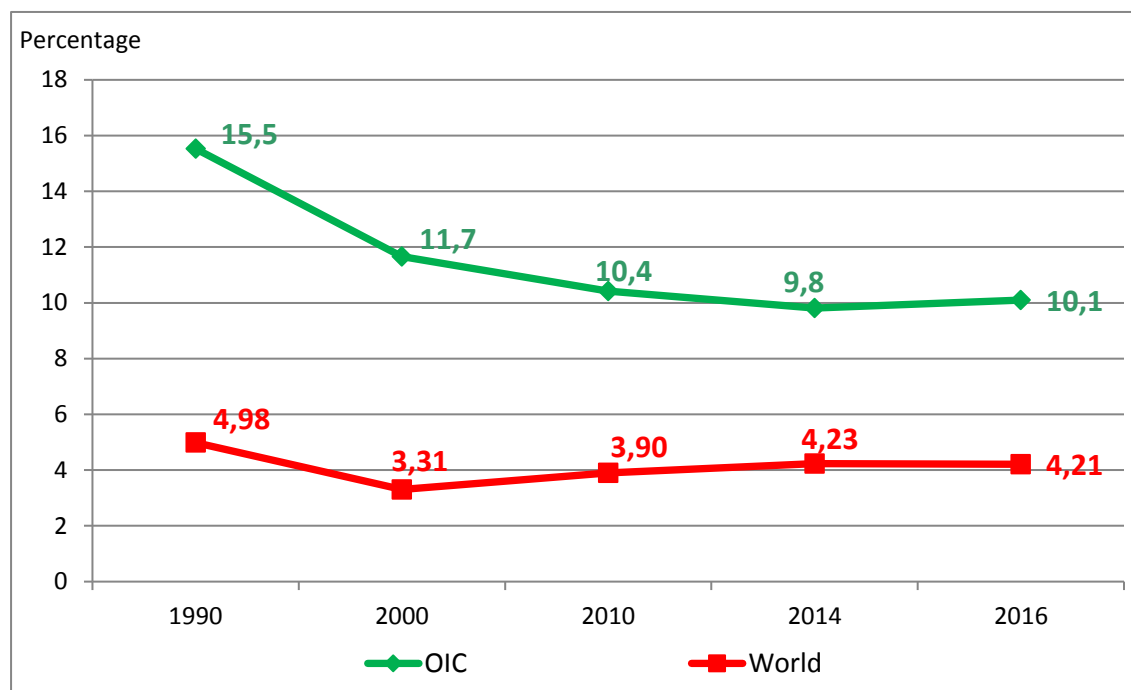
Figure 2. Agricultural GDP by Sub-Regions and their Share by Current Price



Source: Annexes 2-6

The OIC member countries are classified into 3 groups as African, Arab and Asian group. The contribution to these groups to the OIC total agricultural value added varies considerable, and it shows an uneven pattern over time. The relative performance of African Group is getting strong compared to the Arab and Asian Groups in the period of 1990-2016. However, Asian Group has the highest contribution to agricultural production over the years.

As of 2016, OIC agricultural GDP reached to 649 billion US Dollars and the contribution of Asian group to this value is 370 billion US Dollars which is more than half of the total agricultural GDP of the OIC Member Countries. Hence, Asian Group has the highest amount of the agricultural GDP, and followed by African Group and Arab Group with almost 133 billion and 146 billion US Dollars, respectively. From 1990 to 2016, the share of African group agricultural GDP in OIC agricultural GDP increased to 24 percent from 16 percent. On the other hand, the share of Arab Group agricultural GDP in OIC agricultural GDP decreased to 22 percent from 25 percent in the same period.

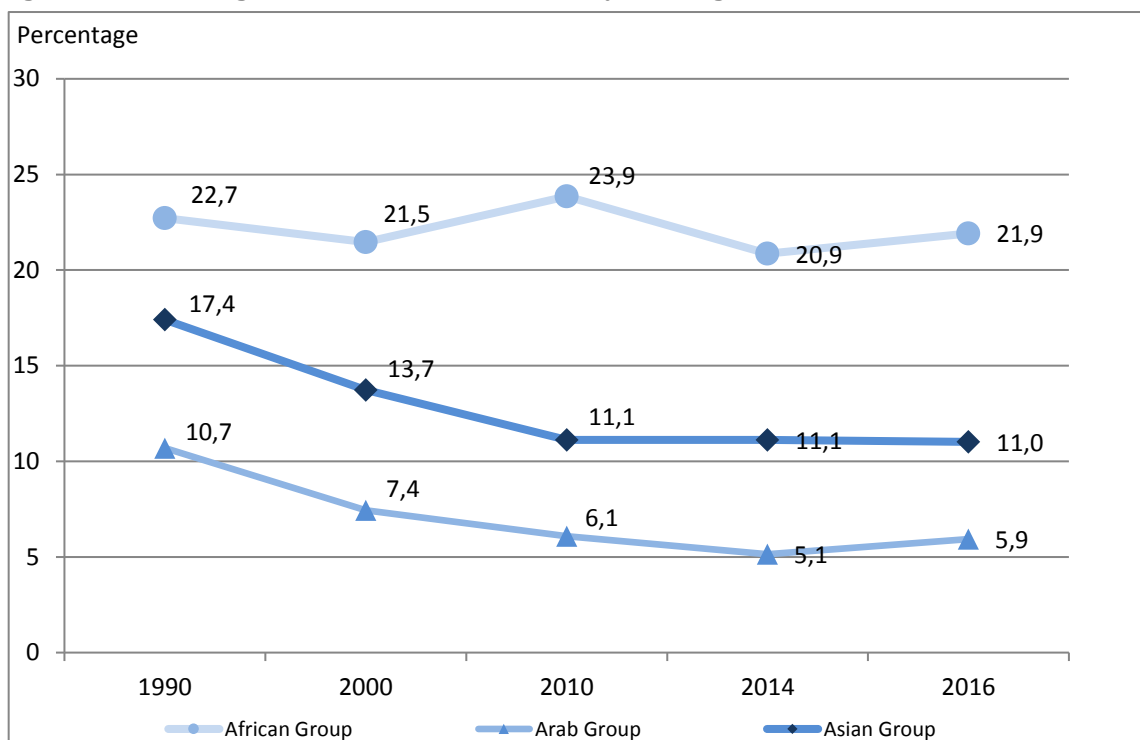
Figure 3. Share of Agricultural GDP in the OIC and World


Source: Annexes 2-6

During the last decades, agriculture activity in most of the OIC member countries has gradually been replaced by services and industrial activity leading to decrease in the share of agriculture sector of OIC member countries to their total GDP.

Figure 3 illustrates that at the beginning of 1990s, the share of agricultural sector in OIC member countries' total GDP was around 15.5 percent, dramatically declined to 10.4 percent in the following decade. From 2000s to now, the decrease in the share of agricultural sector in OIC member countries' total GDP continued at a lower rate. As of 2016, it declined to 10.1 percent which is more than two times higher than the share of agriculture in the world's total GDP. This demonstrates a progressive converging to the world wide low level share of agricultural contribution to the GDP.

Figure 4. Share of Agricultural GDP in Total GDP by Sub-Regions



Source: Annexes 2-6

The share of agriculture sector in total GDP varies significantly across regions in the OIC. African Group has the highest share of agricultural GDP, with 21.9 percent in 2016. It is followed by Arab and Asian groups with 11.0 percent and 5.9 percent, respectively. Even though the relative contribution of agricultural activity to the economy has shown fluctuations in African Countries, it registered a still declining path in both Arab and Asian Countries.

Table 1 illustrates the top 10 OIC member countries with respect to agricultural value added and share of agricultural sector in their economies in 2015 and 2016. Indonesia has the highest agricultural value added in the OIC with 126 billion US Dollars, which accounted for the 13.5 percent of total GDP in 2016. Nigeria was the second country with 85 billion US Dollars and its agricultural GDP constituted 21 percent of the total GDP. In 2016 top ten countries produced 511 billion US Dollars of agricultural GDP, which was more than 78.7 percent of total agricultural GDP of 57 OIC member countries.

The importance of agricultural sector in the top ten member countries differs across countries. For instance, in 2016, the share of agricultural GDP in country's total GDP was the highest in Sudan with 27 percent. In the top ten country rankings, Turkey, Iran and Malaysia were only three countries whose shares of agriculture sector in the economy were lower than 10 percent in 2016.

Table 1. Agricultural GDP Rankings in the OIC

	2015			2016		
		Agricultural GDP (Billion Dollar)	Share of Agri. in GDP,%		Agricultural GDP (Billion Dollar)	Share of Agri. in GDP,%
1	Indonesia	116.2	13.5	Indonesia	125.6	13.5
2	Nigeria	99.3	20.6	Nigeria	84.9	21.0
3	Pakistan	64.4	23.8	Pakistan	64.7	23.2
4	Turkey	59.4	6.9	Turkey	53.4	6.2
5	Iran (Islamic Republic of)	40.5	10.5	Iran (Islamic Republic of)	40.4	9.6
6	Egypt	37.9	11.4	Egypt	39.2	11.8
7	Bangladesh	28.8	14.8	Bangladesh	31.1	14.0
8	Sudan	26.3	24.3	Sudan	26.6	27.0
9	Malaysia	25.1	8.5	Malaysia	25.7	8.7
10	Algeria	19.2	11.6	Algeria	19.6	12.3
	Top Ten Total	517.0	77.6	Top Ten Total	511.0	78.7
	OIC Total	665.9	20.9	OIC Total	649.2	20.3
	World	3,183.2		World	3,196.6	

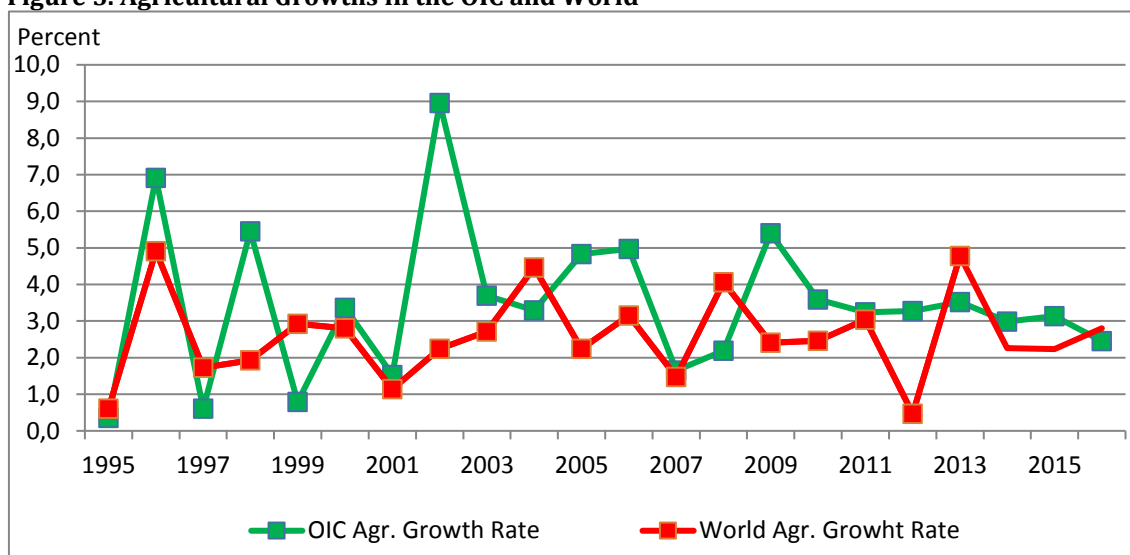
Source: Annexes 2-6

1.1. Agricultural Growth Rates

The growth rate can be calculated as nominal or real growth, and can be used to measure the performance of economies as a whole or particular sectors during selected time intervals. Since the agricultural sector heavily depends on external factors such as rainfall, temperature, climate change, humidity and soil condition, the real growth rates, adjusted for price effects have shown a fluctuating path over the years.

In Figure 5, it can be seen that yearly agricultural growths in the OIC have registered sharp ups and downs compared to the world during the period of 1994-2016. Therefore, the agricultural sector in the OIC member countries depends more on natural conditions compared to the other parts of the world. However, this unsteady pattern of growth rates closely complies with the fluctuations in the world's agricultural growths. This means that almost same factors have influenced the growth of agriculture sector in the OIC and in the world.

Figure 5. Agricultural Growths in the OIC and World



Source: Annexes 2-6

The average annual agricultural growth in the OIC increased slightly from 3.32 percent in 1994-2004 to 3.38 percent in 2004-2016. Although average yearly agricultural growth in the OIC was higher than the world in both decades, it lagged behind overall economic growth rates in the OIC. In the last two decades, OIC’s both agricultural and overall growth rates, realized as 3.38 percent and 4.35 percent respectively, surpassed the world.

Table 2. Comparison of Agricultural Growth and Overall Growth in the OIC & the World

Period	OIC		World	
	Agr. Growth	Economic Growth	Agr. Growth	Economic Growth
(1994-2004)	3.32	4.13	2.65	3.06
(2004-2015)	3.53	4.54	2.81	2.24
(1994-2016)	3.38	4.35	2.74	2.61

Source: Annexes 2-6

Table 3 presents the sub-regional average yearly overall and agricultural growths in 10 year periods within the last two decades in OIC member countries. African Group’s average yearly agricultural growth was the highest in the periods of 1994-2004 and 2004-2016, with a 6.54 percent and 5.64 percent respectively. Furthermore, African Group is the only group whose average yearly agricultural growth exceeds its overall growth in two decades. The lowest growth in agriculture was observed in the Asian Group with 2.17 percent in 1994-2004, and 2.81 percent in 2004-2016.

Table 3. Comparison of Agricultural and Overall Growth in OIC Sub-Regions

Period	African Group		Arab Group		Asian Group	
	Agr. Growth	Econ. Growth	Agr. Growth	Econ. Growth	Agr. Growth	Econ. Growth
(1994-2004)	6.54	5.41	4.06	4.09	2.17	3.94
(2004-2016)	4.89	4.97	2.32	3.94	3.33	4.89
(1994-2016)	5.64	5.17	3.12	4.01	2.81	4.46

Source: Annexes 2-6

For all three of the sub-regions, average yearly agricultural growths stayed behind their overall economic growths during the 2004-2016 period. Nevertheless, in all three sub-regions, agricultural growth rate during this period was higher compared to the world.

1.2. Population

Population in the world has reached 7.4 billion people and is projected to climb to over 9 billion by 2050. United Nations Population Funds (UNFPA) explains this dramatic growth with increasing numbers of people surviving to reproductive age which is accompanied by major changes in fertility rates, increasing urbanization and accelerating migration.

According to Food and Agriculture Organization (FAO) the total population of the OIC was about 1.78 billion in 2016. This constituted almost a quarter of the world population. Although its share in total population has been decreasing from year to year, more than half of the OIC member countries' population is still living in rural areas. Furthermore, over 60 percent of the people living in rural areas are engaged in agricultural activities.

Agriculture sector should provide enough food for the growing population in the world and especially in the OIC. In the last decade, the agricultural GDP expanded globally by an average of 2.61 percent a year, more than the population growth of 1.26 percent. In the same period, OIC Member Countries have experienced yearly 3.38 percent growth in agricultural GDP, and 2.02 percent of growth in population. Therefore, both in the OIC and world, the growth rate in agriculture sector is higher than the growth rate in population which enables to feed much more people.

Table 4. Population Growth Rate in the OIC and in the World

Period	African Group	Arab Group	Asian Group	OIC	World
(1995-2005)	2.71	2.19	1.71	2.04	1.32
(2005-2016)	2.83	2.32	1.53	2.01	1.20
(1995-2016)	2.77	2.26	1.62	2.02	1.26

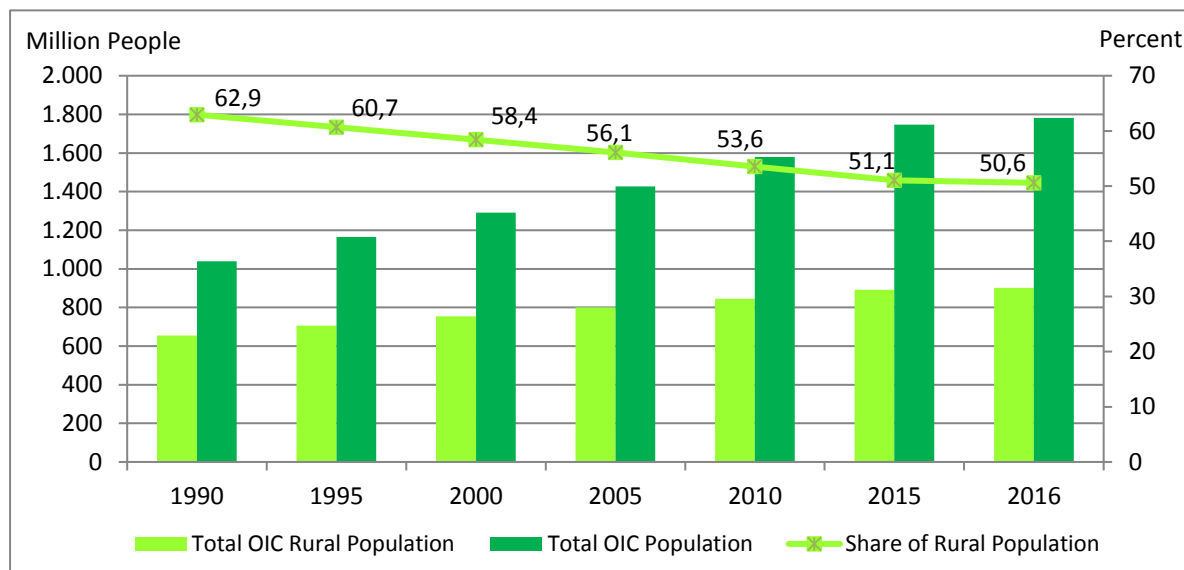
Source: Annex 7

Table 4 presents the sub-regional average yearly overall and agricultural growths in 10 year periods within the last two decades in OIC member countries. Compared to the world, all three OIC sub-regions have experienced higher rates of population growth in the last two decades. Among the regions, African Group's average yearly population growth was the highest in the periods of 1995-2005 and 2005-2016, with 2.71 percent and 2.82 percent, respectively. Furthermore, African Group was the only group whose average yearly population growth has risen (more than two times higher than the world's population growth= during the last decade. The lowest population growth was observed in the Asian Group with 1.71 percent in 1995-2005, and 1.53 percent in 2005-2016 periods.

While the rural population of the OIC member countries was 654 million people in 1990 with 62.9 percent share in total population, it increased to almost 901 million people, constituted 50.6 percent of the total OIC population in recent years. The main reason of decreasing the rural population share was that the increase in rural population was lower than the increase in total population throughout the years. This reflects that worldwide trend of urbanization is also observable for the OIC member countries, in general.

In general terms, the share of rural population in total population is decreasing in the OIC as well as in all sub-regions. Within the sub-regions, the share remained higher in the African Group with 58.9 percent and the lowest level was Arab Group with 43.7 percent in 2016.

Figure 6. Share of Rural Population in the OIC



Source: Annex 7 and 8

On the other hand, at the individual country level, rural population represented more than 50 percent of the total population in 16 OIC Member Countries. For instance, as of 2016, the share of people living in rural areas and engaged in agriculture was over 75 percent in some OIC Countries such as Chad, Niger, Uganda, Tajikistan, and Guyana. As the majority of their population depending on agriculture for their livelihood, agriculture sector has a vital importance for the OIC Member Countries in African Group.³

1.3. Agricultural Employment

As many of the developing countries, agriculture is one of the prominent sectors which employs significant amount of workers in the OIC member countries. The number of people employed in the agricultural sector in the OIC member countries reached 223 million in 2016. This accounts for 25.7 percent of the world’s agricultural employment.

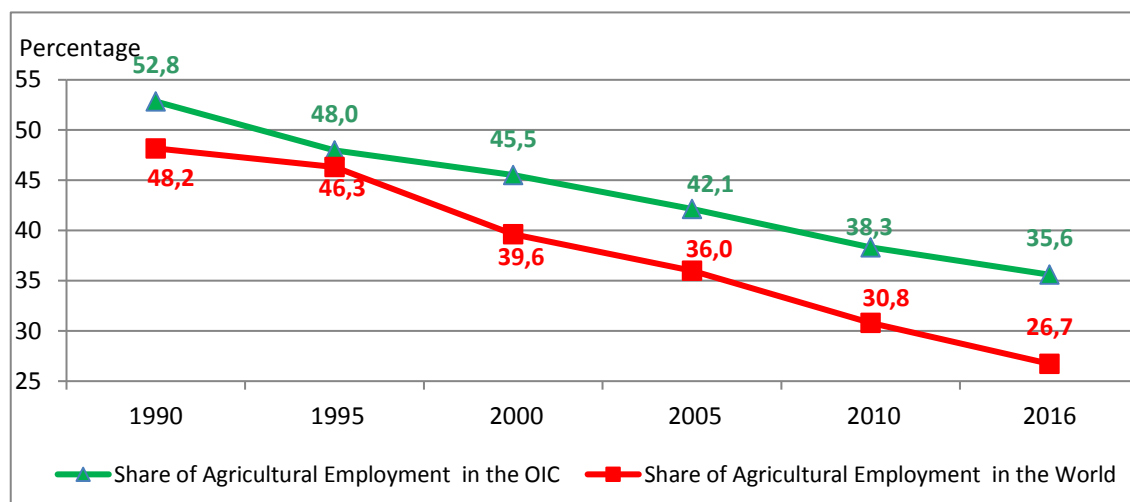
In 1990, OIC member countries’ agricultural sector employed almost 199 million people. Up to 2016, 23 million agricultural labor was added, and the number of people employed in agriculture reached 222 million people (Figure 7).

Even though agricultural employment is getting higher, the proportion employed in agriculture is decreasing over time. In 1990 agriculture accounted for almost 52.8 percent of total employment in the OIC, which is higher than the share of world agricultural employment. At the beginning of the 2000s, the contribution of agricultural sector to total employment decreased to

³ SESRIC, 2014

around 45 and 40 percent in the OIC and the world respectively. After that, the share of agriculture in the OIC's total employment is still getting higher than the world. In 2016, the proportion of agricultural employment is realized as 35.6 percent in the OIC and 26.7 percent in the world.

Figure 7. Share of Agricultural Employment in the OIC and World



Source: Annex 10 and 11

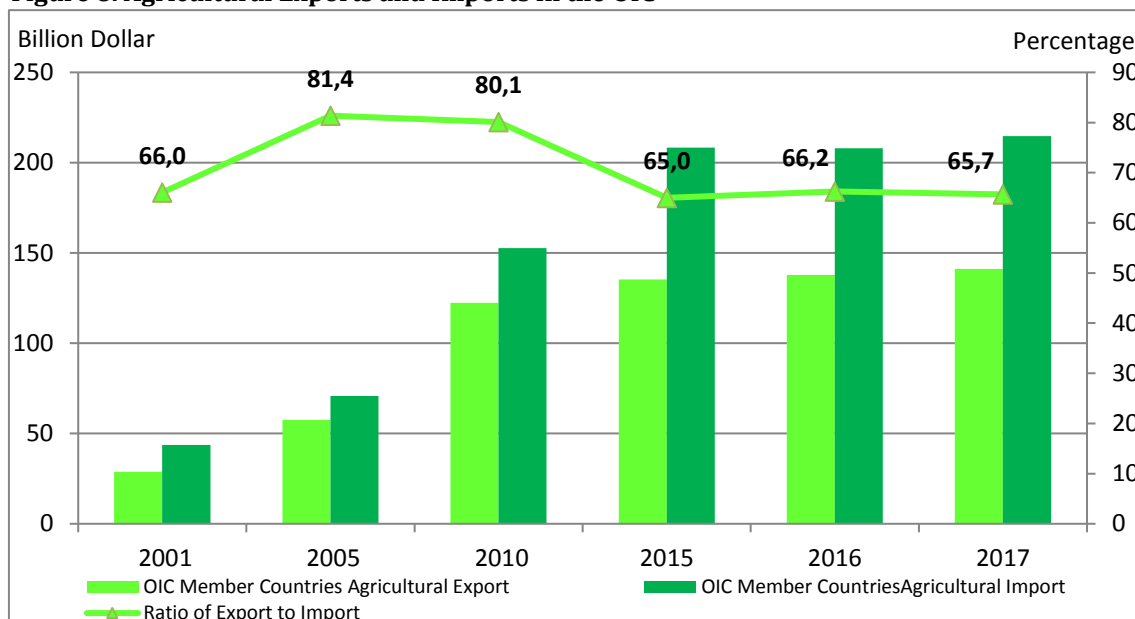
The decline in the proportion of agricultural employment can be explained by biological, chemical, and mechanical advances eliminating many plantation, cultivation and harvesting task, increasing agricultural productivity, rapid urbanization, and non-farm activities providing an increasingly important share of rural incomes.

1.4. Agricultural Trade

This section discusses the change in the aggregate trade of the OIC member countries. Data used for the aggregates are retrieved from Trade Map which is a customized data repository tool developed by International Trade Center of UNCTAD/WTO (TRADEMAP). Unless otherwise is stated, "Total agricultural products trade" covers agricultural and food products as well as agricultural raw materials (SITC sections 0 (Food and Live Animals), 1(Beverage & Tobacco), 2(Crude Materials), 4(Animal and Vegetable Oils, Fats and Waxes, excl. 27&28)).

Agricultural commodity trade of the 57 OIC member countries increased considerably in the last decade up to 2015. Total agricultural trade in the OIC member countries grew by more than 4 times during this period and reached 355 billion US Dollars in 2017 (Figure 8). In 2017, total agricultural imports of OIC member countries reached 214 billion US Dollars, from 43 billion US Dollars in 2001. Correspondingly, total agricultural exports of OIC member countries was 141 billion US Dollars in 2017 compared to 29 billion US Dollars in 2001.

Figure 8. Agricultural Exports and Imports in the OIC

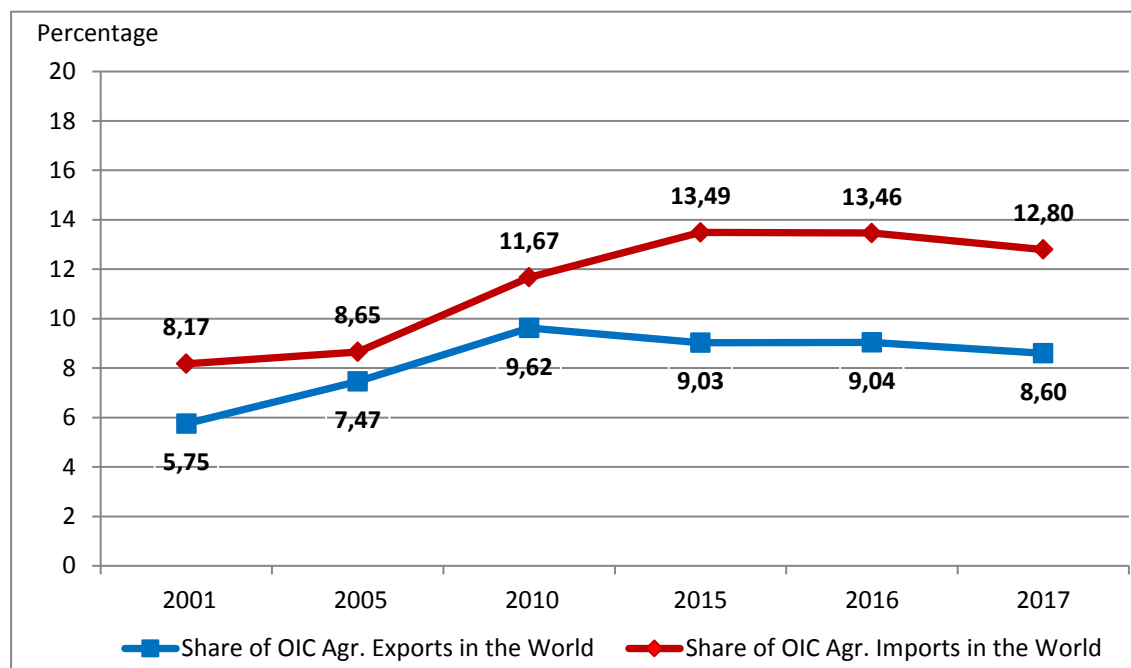


Source: Annex 12 and 13

The export/import ratio which is a useful indicator for assessing trade performance is also shown in Figure 8. While the ratio of exports to imports was around 66 percent in 2001, it increased to almost 82 percent in 2010. Nonetheless, the export/import ratio has shown a declining path around 65 percent in recent years. The poor performance of agricultural exports in 2017 negatively affected the export/import ratio, regressing it to almost back to 2015 level, 65 percent.

Figure 9 illustrates OIC’s agricultural trade performance in the world. The share of OIC member countries’ agricultural imports in the world increased to 12.80 percent in 2017 from 8.17 percent in 2001. Correspondingly, the contribution of OIC agricultural exports to world total agricultural export reached 8.60 percent. Both agricultural imports and exports have significantly risen in the period of 2001-2010. During the 2010-2017 period, while the share of agricultural commodity exports of the OIC Member Countries stabilized, the contribution of OIC agricultural imports to total world agricultural imports started to decline.

Most of the OIC member countries have trade deficits in agriculture. As of 2017, 74 billion US Dollars trade deficit occurred in the OIC. Figure 10 also illustrates the agricultural trade balance in the OIC Sub-Regions in 2017. The only group which had a positive trade balance was the Asian Group with 5.8 billion US Dollars. On the other hand, African and Arab Groups have registered trade deficits of 2.1 and 77.4 billion US Dollars, respectively.

Figure 9. OIC Agricultural Trade Performance of OIC Member Countries in the World


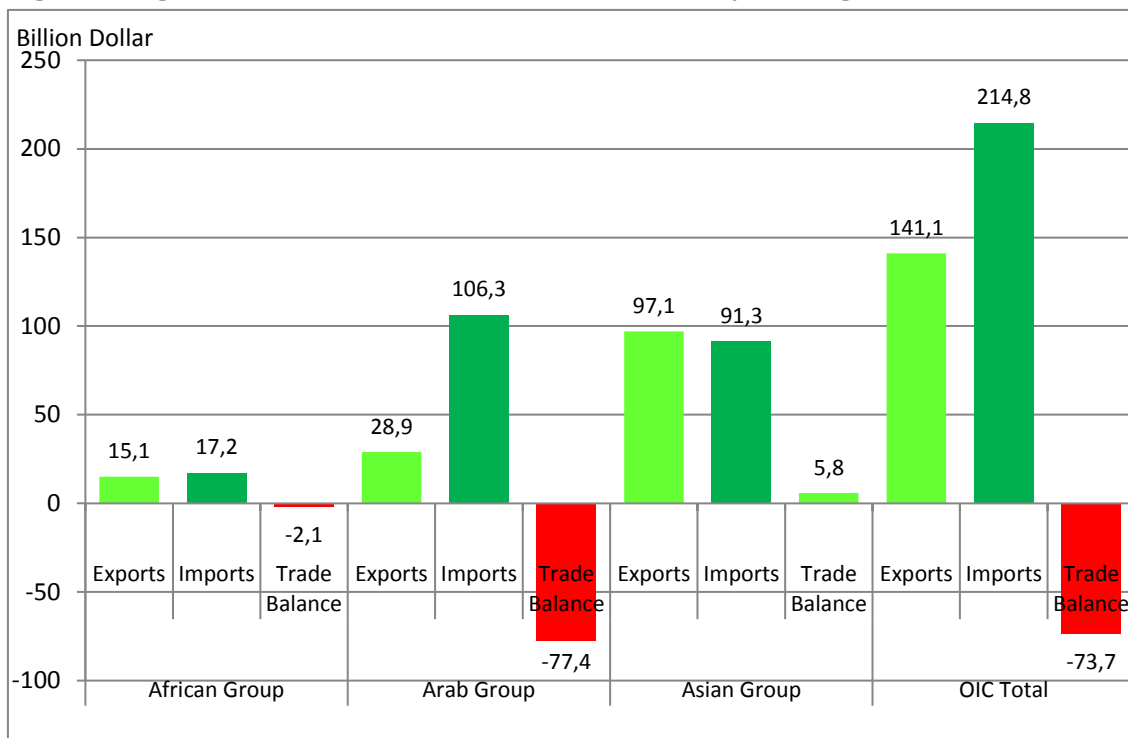
Source: Annex 12 and 13

At the sub-regional level, Asian Group had the highest share in OIC's agricultural exports with 68.7 percent in 2017. Asian Group was followed by Arab and African Groups with 20.1 percent and 11.2 percent respectively. In terms of agricultural imports, Arab Group accounted for 49.5 percent of the OIC's total in the same period. It was followed by Asian and African Groups with 42.5 percent and 8 percent, respectively (Figure 10).

The Annexes 15 and 16 illustrate the first 15 partner countries and products in the OIC's regional level exports and imports. The African Groups countries have trade networks with partner countries in the other regions with lowest intra-OIC trade share in its agricultural exports, 8.8 percent while the Arab Group and Asian Group countries has an intra-OIC trade share of 40.4 and 8.7 percent respectively. The Asian Group Countries also have a higher share of its own regional export of 36.1 percent. The same is true for the case of OIC's imports.

The product group of cereals is the top item in OIC's imports of different regional group of countries following by dairy and meat products. The OIC Regions have their regional specialty items as top export items, namely, cocoa for African, nuts for Arab and edible oils for Asian Countries.

Figure 10. Agricultural Products Trade Balance in the OIC by Sub-Regions, 2017



Source: Annex 12-13

2. Sectoral Indicators

Sectoral indicators provide more specific information on the structure of a sector. In agriculture land use, crop productions and yields, labor productivity, water use and fertilizer use are considered as the main sectoral indicators.

2.1. Land Use

The world's cultivated area has grown by 12 percent over the last 50 years. The global irrigated area has doubled over the same period, accounting for most of the net increase in cultivated land. Meanwhile, agricultural production has grown between 2.5 and 3 times, thanks to significant increase in the yield of major crops. However, global achievements in production in some regions have been associated with the degradation of land resources, and the deterioration of related ecosystem goods and services, such as decreasing biomass and carbon storage as well as damaging soil health and biodiversity.

According to FAO's 2015 data, agriculture uses 4.87 billion hectares, representing 37.4 percent of the world's land surface. Agriculture is a major user of land. Hence, in order to make agriculture sustainable, it is important to maintain the quantity and quality of soil resources. Agriculture must be at the center of any discussion on natural resource management and global environmental objectives. The responsible management of natural resources requires ensuring adequate food and water for all while at the same time achieving sustainable rural development and livelihoods for the current and future generations.

Land resources and the way they are used are central to the challenge of improving food security across the world. Demographic pressures, climate change, and the increased competition for a land are likely to increase vulnerability to food insecurity, particularly in Africa and Asia. The challenge of providing sufficient food for everyone worldwide has never been greater.

For improving nutrition and alleviating food insecurity and undernourishment, future agricultural production will have to rise faster than population growth. This will have to occur largely on existing agricultural land. Improvements will thus have to come from sustainable intensification that makes effective use of land without harming and spoiling this precious resource. As estimated by FAO, almost 5 to 7 million hectares of agricultural land are lost each year due to land degradation and urbanization.

Taking into account the issues mentioned above, for the OIC member countries sustainable land management is vital, as most of them are faced with food insecurity and have higher population growth than the world average.

Table 5. Land Use in the OIC and its Share in the World, 2015

	Total Land Area	Agricultural Area	Arable land	Permanent Crops	Permanent Meadows and Pastures
OIC (million ha)	3,179	1,398	310	63	1,022
Share in Total Agr. Area (%)		100.0	22.1	4.5	73.2
World (million ha)	13,009	4,869	1,425	165	3,275
Share of OIC in the World (%)	24.4	28.7	21.7	38.2	31.2

Source: FAOSTAT

Table 5 provides data on magnitudes of total land, agricultural land, permanent crops land and permanent meadows, and pastures in the OIC member countries as well as in the world. OIC member countries' total land area of 3.2 billion hectares, equals to 24 percent of the world's total land area. Almost 1.4 billion hectares, representing 44 percent of this total land is used as agricultural land by the OIC member countries. The OIC's agricultural area share in total land area is higher than the world average of 38 percent.

In the OIC, out of these 1.4 billion hectares of agricultural area, 310 million hectares are arable land, 63 million hectares are reserved for permanent crops, and more than 1 billion hectares are used as permanent meadows and pastures. Most of OIC member countries' agricultural area, (74 percent), consists of permanent meadows and pastures. This is in line with the general distribution in the world where 68 percent of agricultural area consists of permanent meadows and pastures. When compared to EU countries, where 60 percent of the agricultural land is arable, 33 percent consists of permanent meadows and pasture and 6 percent is allocated to permanent crops, the OIC member countries as a whole have a very high level of permanent meadows and pastures, but very low share of arable land.

Table 6. The Shares of Land Use in OIC Sub-Regions, 2015

OIC Sub-region	Land area	Agricultural Area	Arable land	Permanent Crops	Permanent Meadows and Pastures
African Group (%)	24.2	25.5	33.6	27.7	23.0
Arab Group (%)	42.8	36.3	19.2	13.4	42.8
Asian Group (%)	33.0	38.1	47.3	58.9	34.2
OIC Total (%)	100	100	100	100	100

Source: FAOSTAT

Table 6 reveals that Arab and Asian Groups constitute 37 and 38 percent of the total agricultural area of the OIC. They are followed by the African Group with 25 percent. Arab Group has the highest share in permanent meadows and pastures of OIC with 44 percent. Asian Group has the highest share in the arable and permanent crop areal with 48 and 59 percent, respectively.

At the individual country level, Kazakhstan with 15.4 percent, Saudi Arabia with 12.3 percent, Sudan with 7.7 percent, Nigeria with 5.0 percent, and Indonesia with 4.0 percent, own significant portion of OIC's agricultural land. Regarding the arable land, the country ranking list changes slightly, and Nigeria becomes the first country which has the highest share of arable land with 11.1 percent in the OIC. Pakistan Kazakhstan, Indonesia and Turkey are the following countries

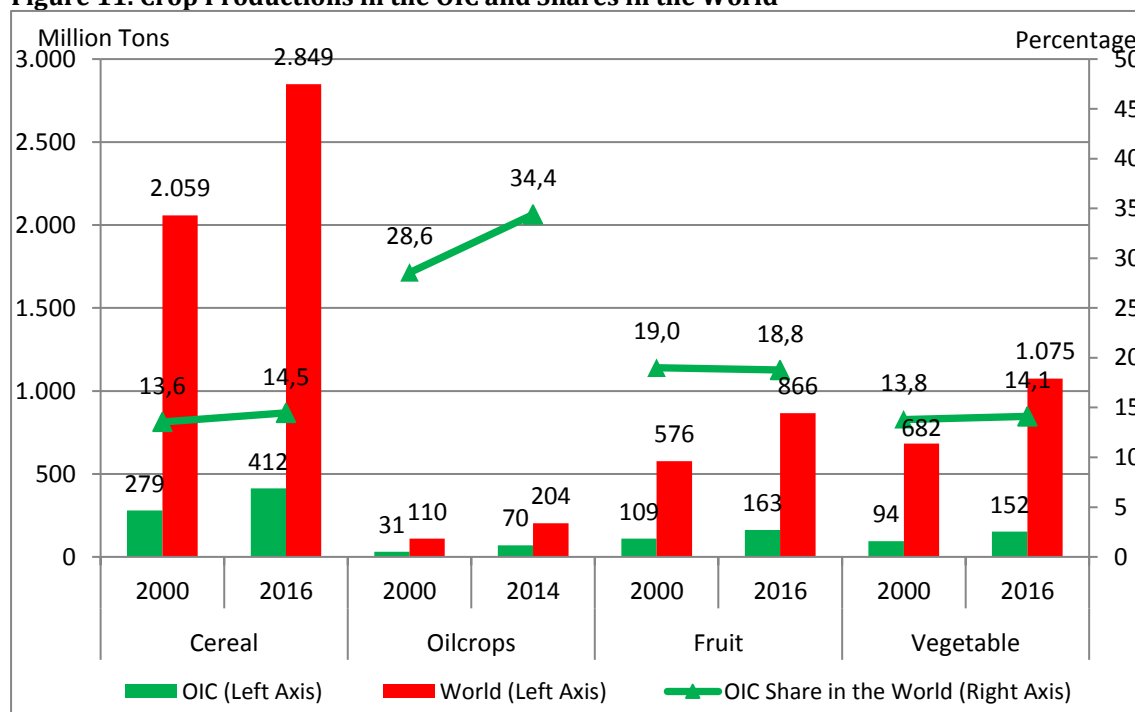
which share OIC's total arable land with 9.9 percent, 9.6 percent, 7.7 percent, and 6.7 percent, respectively. Nonetheless, most of the OIC member countries' agricultural area mainly consists of permanent meadows and pastures. (Annex 17).

2.2. Productions

The OIC member countries pursue a wide range of crop and livestock production systems as they are on different agro-ecological zones, have different agricultural infrastructures, production and consumption habits. Hence, a large variety of agricultural products are grown in the OIC.

Figure 11 shows that in terms of the volume of agriculture production, as of 2016, OIC member countries contributed 411 million tons to the world cereal production, representing 14.5 percent of the world total cereals production. Even though the cereal production increased by more than 40 percent in the period of 2000-2016, the share of OIC member countries in the world cereal production showed a very slight increase. As of 2014, 70 million tons of oil crops were produced in the OIC, compared to 31 million tons in 2000. This substantial amount of oil crops production in the OIC also stimulated the share of OIC member countries in the world oil crops production, which increased from 28.6 percent to 34.4 percent during the 2000-2014 period. Among the commodity groups in the OIC, oil crops have the highest share in the world with an increasing trend.

Figure 11. Crop Productions in the OIC and Shares in the World

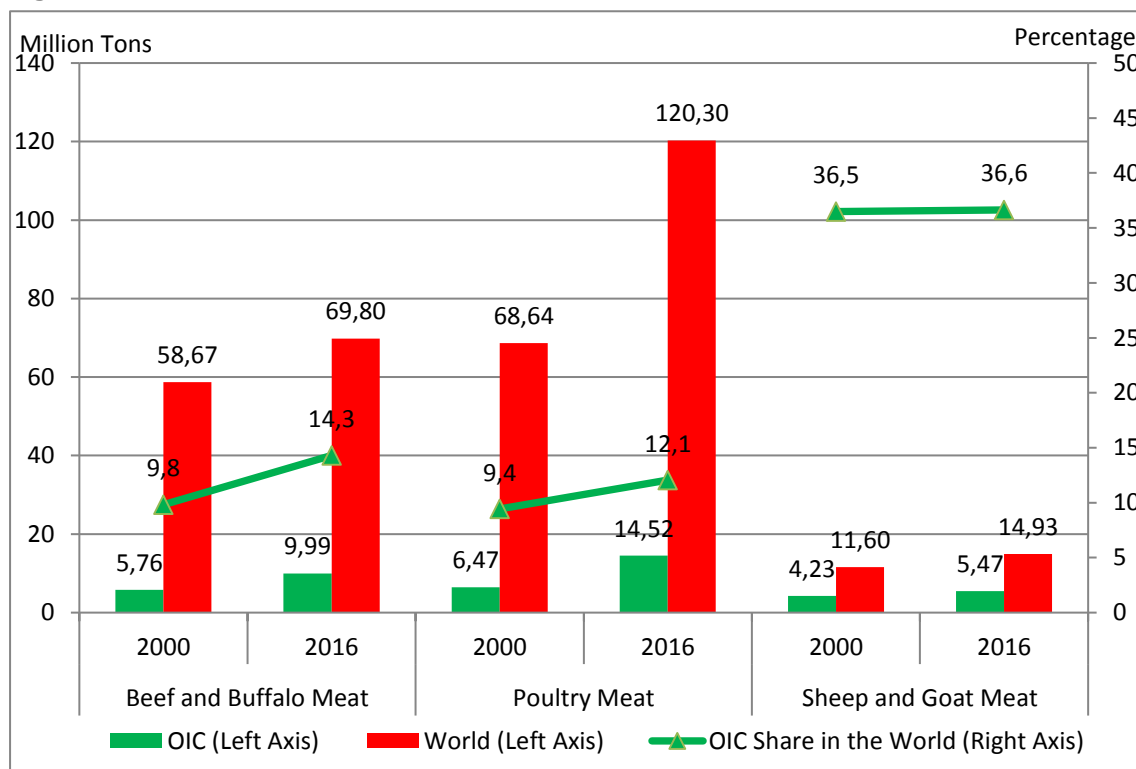


Source: FAOSTAT

In 2016, the share of OIC member countries in the world fruit production amounted to 18.7 percent, slightly decreasing from 19.1 percent in 2000. On the contrary, the share of OIC member countries in the world total production of vegetables increased from 14.5 percent in 2000 to 14.1 percent in 2016.

Figure 12 illustrates the developments in meat production in the OIC member countries and its share in the world. In 2016, 9.87 million tons of beef and buffalo meat was produced in the OIC as compared to 5.7 million tons in 2000. This noteworthy increase in beef and buffalo meat production was mainly due to supply-side factors, such as cheap inputs, technological change and scale efficiency gains in the last decade.⁴ The significant increase in beef and buffalo meat production also lead to an increase in the share of OIC member countries in the world’s production, from 9.7 percent in 2000 to 14.3 percent in 2016.

Figure 12. Meat Productions in the OIC and Shares in the World



Source: FAOSTAT

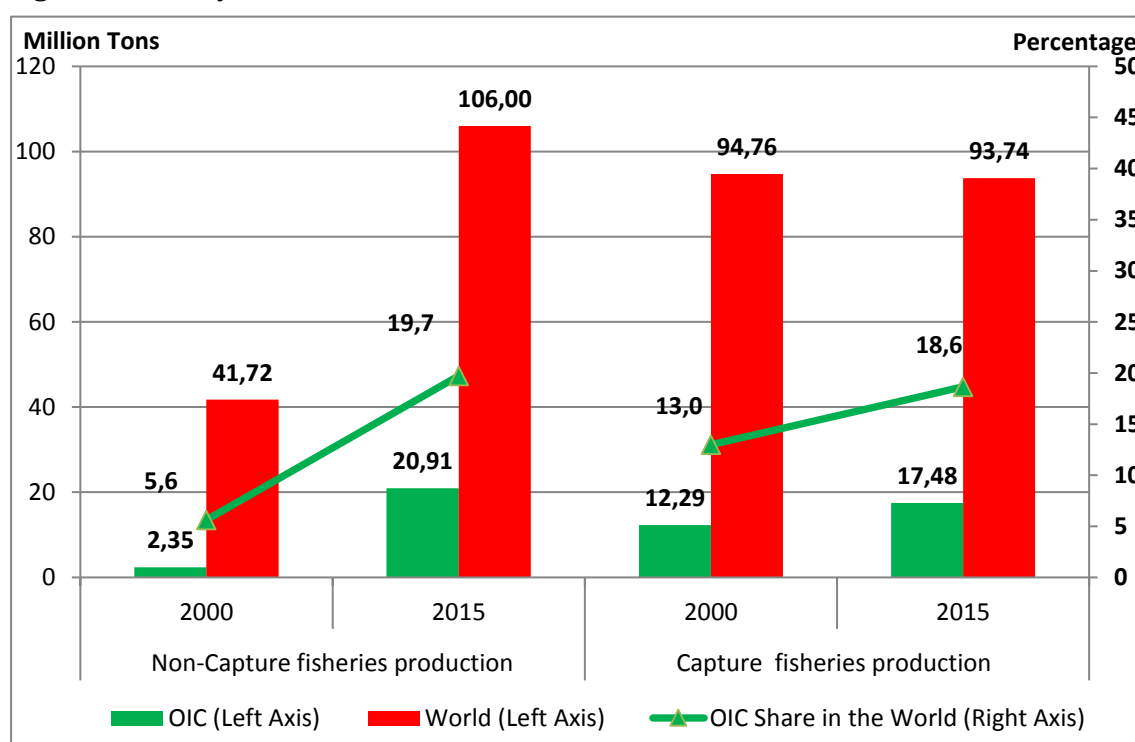
Similarly, a dramatic surge is observed in the poultry meat production during the same period. While it was 6.5 million tons in the beginning of the century, it almost doubled and reached 14.5 million tons in 2016. However, the increase in the share of OIC poultry meat production in the world was modest, due to high rate of growth in poultry sector across the globe. The contribution of OIC member countries’ meat poultry production to the world’s poultry meat production slightly ascended to 12.3 percent in 2016, from 9.4 in 2000. Finally, sheep and goat

⁴ SESRIC, 2015

meat production of OIC member countries continued to grow and exceeded 5.4 million tons in 2016. Compared to beef and buffalo meat and poultry meat, the share of sheep and goat meat production of OIC member countries in the world was higher over time, reaching over 36 percent.

The fisheries production undergoes a dramatic structural change in favor of capacity increase in fish farming practices while global capture fisheries production level remains stable. The share of non-capture fisheries production increased from a level of 30.6 percent in 2000 to 53.1 percent in 2015 while the one in OIC is increased from 16 percent in 2000 to 53.1 percent in 2015.

Figure 13. Fishery Productions in the OIC and Shares in the World



Source: FAOSTAT

2.3. Agricultural Productivity

Agricultural productivity is a broad concept which does not lend itself to a single measurement. In general terms, it is defined as the ratio of agricultural outputs to agricultural inputs. There are a wide variety of productivity measures depending on the degree and type of aggregation of outputs and inputs: single output and a single input (wheat production/wheat area), aggregate output and single input (value of crop outputs/total crop area), single output and aggregate inputs (wheat production/value of inputs), aggregate output and aggregate inputs (value of crop production/ value of inputs used in crop production). Furthermore, aggregations can be done using prices as weights but also using other indexing methodologies.

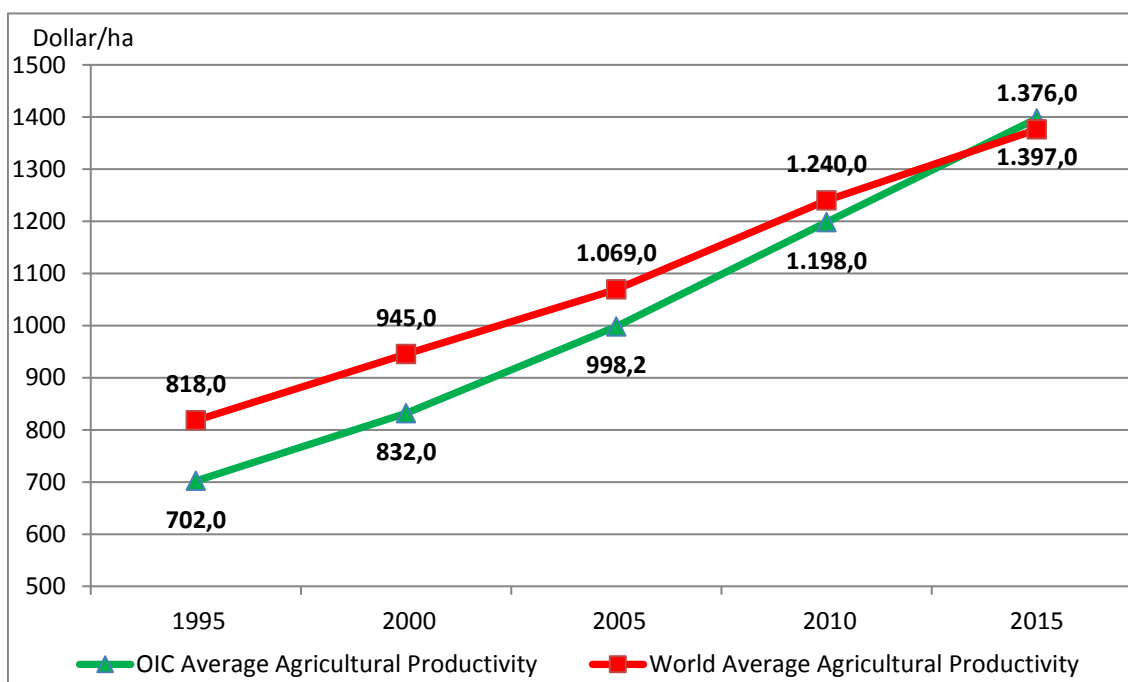
Since land and labor are the most important inputs which are used throughout the production process, below we present two aggregate productivities to denote sector input use efficiency, namely, productivities of land and labour measured as the ratios of total agricultural value added to total agricultural arable land and agricultural labor respectively

Furthermore, at the product and farm level, crop yields are other commonly used measurements of agricultural productivity. They are measured by the ratio of crop output to cultivated area. Crop yields for several agricultural products important for the OIC, namely wheat, cotton and maize are also presented.

2.3.1. Land Productivity

Agricultural land productivity is measured by the ratio of total agricultural value added to the arable area in a country. Therefore, it shows the agricultural value added per hectare of arable land. Figure 14 illustrates agricultural land productivity in the OIC and in the World during the period 1995-2015 using the real agricultural GDP at 2005 prices.

Figure 14. Land Productivity in the OIC and World (Agr. GDP at 2005 constant prices)

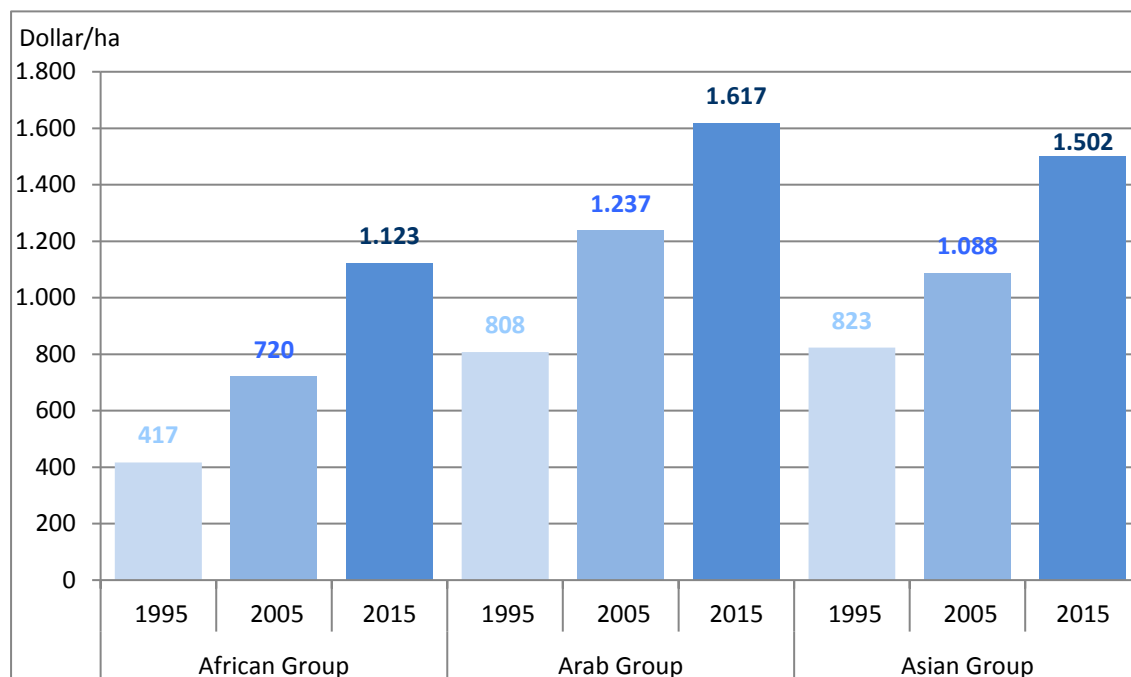


Source: Annex 28

In 2015, average agricultural land productivity of OIC member countries reached to 1,397 US dollars/ha, from 702 US dollars/ha in 1995. Compared to the world, the rate of growth in agricultural land productivity in OIC member countries was higher than the world. During the period 1995-2015, agricultural land productivity of OIC member countries increased by 91 percent, compared to only 65 percent in the world. The significant rates of growth in both OIC

and the World realized between the period 1995 and 2010, can be explained by dramatic increases in real agricultural values added, while arable land areas remained almost the same.

Figure 15. Land Productivity in the OIC by Sub-Regions (Agr. GDP at 2005 constant prices)



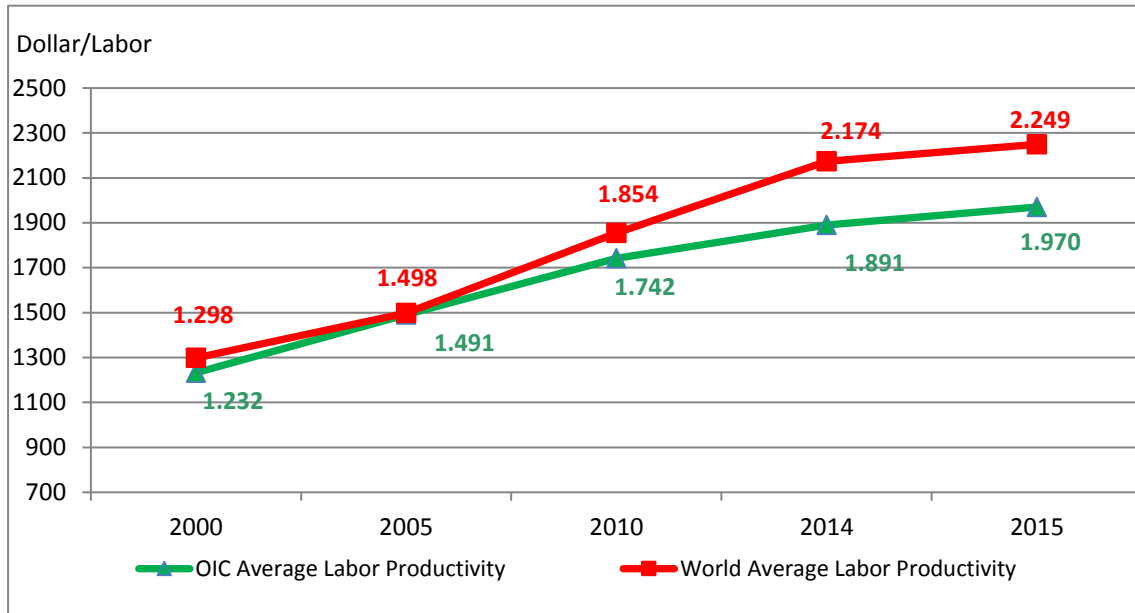
Source: FAOSTAT

At the sub-regional level, Arab Group had the highest level of agricultural land productivity in the OIC with 1,617 US Dollars per hectare in 2015. The low level of arable land in the Arab Group (one third of Asian Group and half of African Group), results in its land productivity to be highest, even though its agricultural GDP is the lowest among the OIC sub-regions. The Arab Group was followed by Asian Group with 1,502 US Dollars per hectare in 2015. Among the three sub-regions, African Group had the lowest level of agricultural land productivity during the period 1995-2015. On the other hand, although African Group had the lowest performance with respect to agricultural land productivity over the years; it accomplished the highest growth in the same period, with more than 2 times increase in the level of agricultural land productivity (Figure 15).

2.3.2. Labor Productivity

Agricultural labor productivity is measured by the ratio of total agricultural value added to the number of agricultural employment. Hence, it tells the average performance of total labor employed in agriculture sector. Figure 16 shows the agricultural labor productivity in the OIC and in the World between 2000 and 2015 using real agricultural GDP at 2005 prices as the measure of agricultural value added.

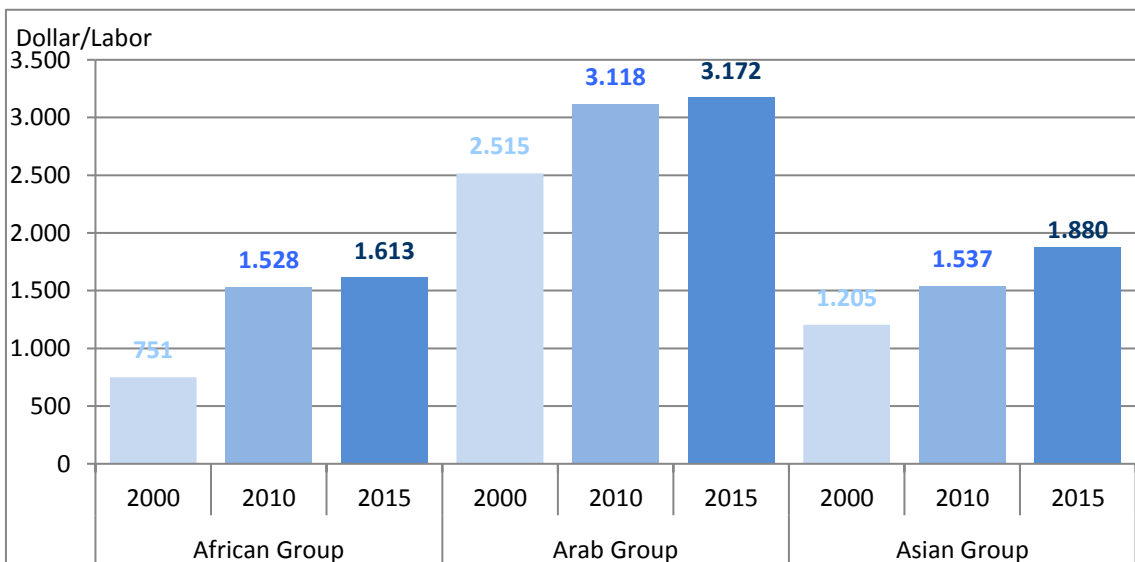
Figure 16. Labor Productivity in the OIC and World (Agr. GDP at 2005 constant prices)



Source: FAOSTAT

Labor productivity is started to be below the world average in the OIC in 2010. In 2015, average agricultural labor productivity of OIC member countries reached 1,970 US dollars/person, compared to 1,232 US dollars/person in 2000.

Figure 17. Labor Productivity in the OIC by Sub-Regions (Agr. GDP at 2005 constant prices)



Source: FAOSTAT

Figure 17 reveals that Arab Group has the highest labor productivity among the three regions. As of 2015, average agricultural labor productivity of Arab Group increased to 3,172 US dollars/person, from less than 2,000 US dollars/person at the beginning of 1990s. Looking at the individual countries in the Arab Group, Lebanon, Kuwait, Saudi Arabia, Bahrain, Qatar and United Arab Emirates, registered the high level labor productivity. Although the levels of labor productivity are high in the OIC, it must be recognized that many countries in the region have a serious obstacle for agricultural development due to limited water resources and unfavorable climatic conditions. The higher levels of labor productivity are probably due to a host of factors including high levels of mechanization and use of fertilizer and pesticides. It may be noted that the levels of labor productivity in the Lebanon, Kuwait and Saudi Arabia are comparable to those in high income countries.⁵

The level of labor productivity in the African Group was the lowest in the OIC with 1,613 US dollars/person in 2015. Some African Group member countries such as Djibouti, Guinea, Gambia, Uganda and Mozambique had the lowest levels of labor productivity among the OIC member countries in this year.

2.3.3. Crop Yields

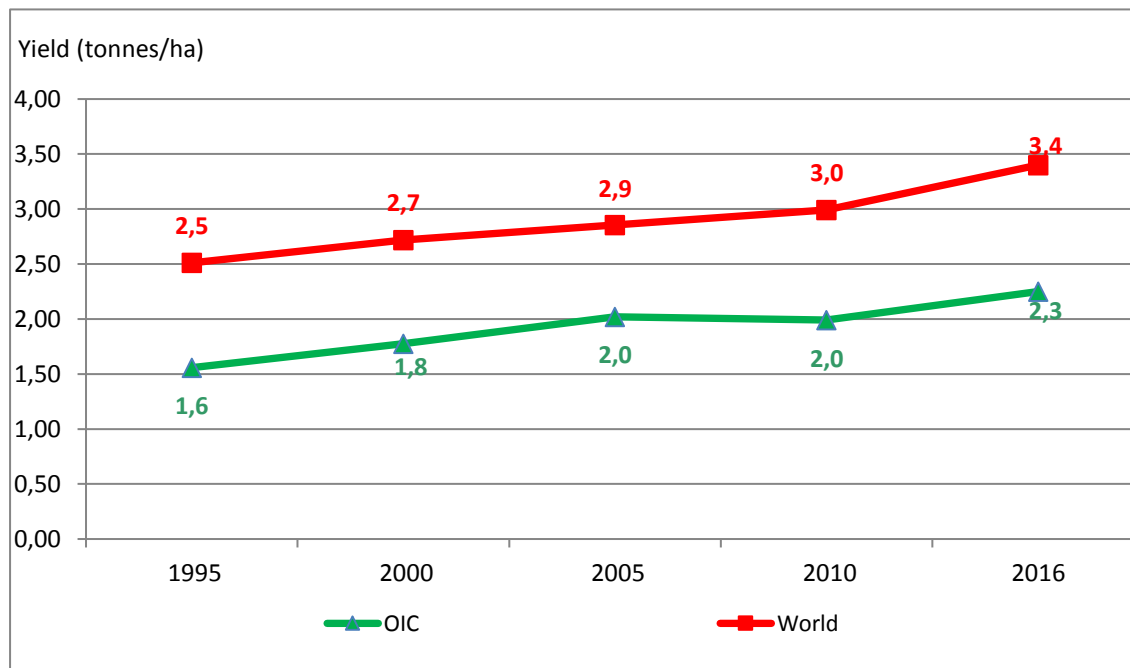
Another common indicator for analyzing agricultural productivity is crop yields. Even crop yields can be calculated for each agricultural product, it should suffice to present improvements in the most common, important and strategic crops. Therefore, wheat, maize and cotton seed which play crucial roles in the OIC production, consumption and trade are selected in order to analyze the crop yields in this study.

Figure 18 shows the yield of wheat, which is one of the most common cultivated products in the OIC. In 2016, average wheat yield of OIC member countries reached 2.3 tons/hectare, from 1.6 tons/hectare in 1995. Wheat yield increased in general both in the OIC and in the world during the last two decades. As of 2016, World average wheat yield was 51 percent higher than OIC.

Another key crop for OIC member countries is maize which is used for both human consumption and livestock feed. It is considered as a staple food with a high nutritional value for many millions of people in developing countries, especially sub-Saharan Africa. Furthermore, its stalks can be used to provide fodder for livestock in rural areas where farmers have difficulties to reach compound feed.

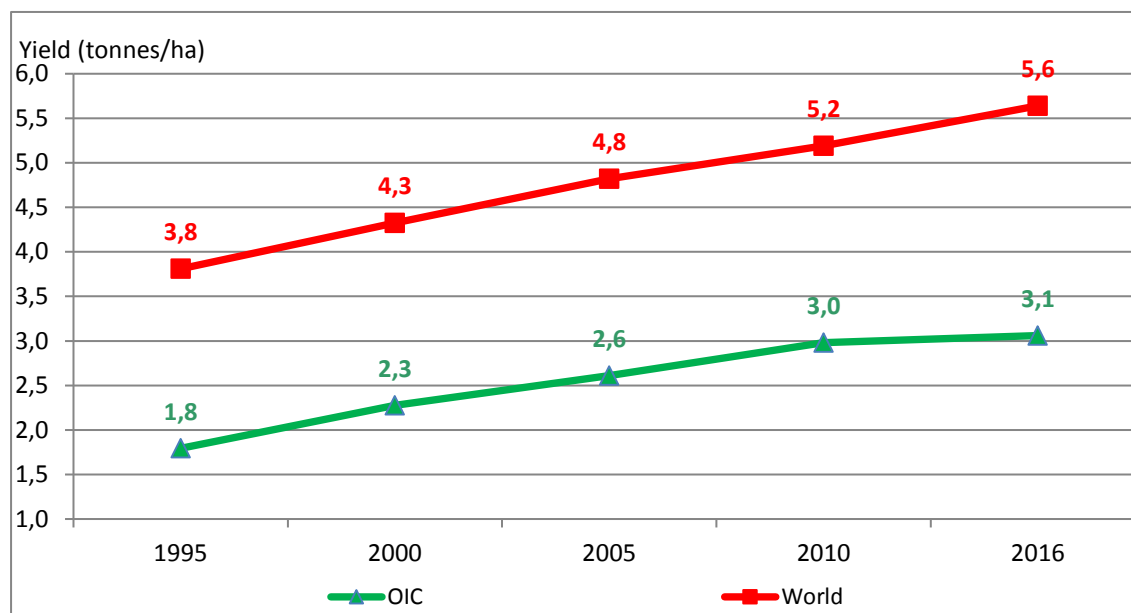
⁵ IDB, 2009

Figure 18. Wheat Yields in the OIC and the World



Source: FAOSTAT

Figure 19 shows the maize yields in the OIC and the World. In 2016, average maize yield of OIC member countries reached 3.1 tons/hectare, from 1.8 tons/hectare in 1995. Compared to the world, the increase in maize yield in the OIC member countries between 1995 and 2016 was higher; i.e., 70 percent for the OIC and almost 50 percent for the World. Nonetheless, the maize yield in the OIC has been considerably lower than the World average overtime, and it is still behind the world’s level in 1990s. As of 2016, world average wheat yield was 84 percent higher than that of OIC member countries.

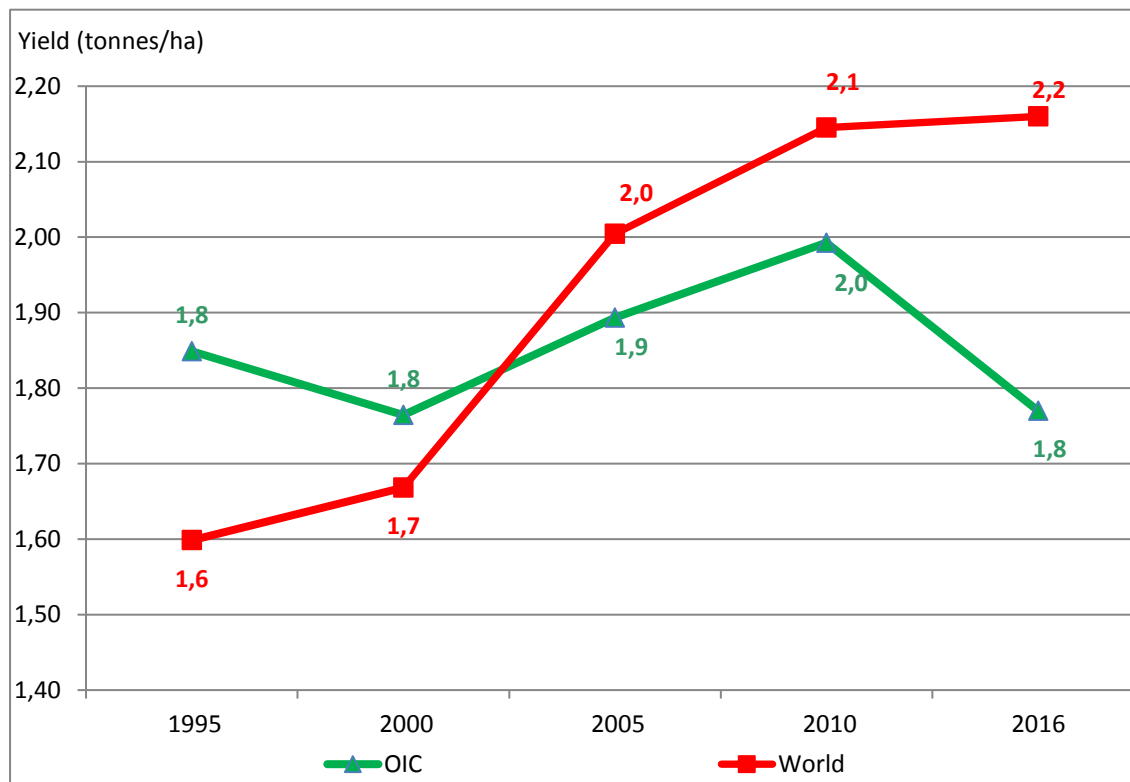
Figure 19. Maize Yields in the OIC and the World

Source: FAOSTAT

Lastly, one of the widely produced agricultural products in the OIC member countries is cotton, which provides main sources of raw materials to textile industry. Furthermore, it is an important cash crop for millions of farmers, which generates income to rural household. Therefore, it enhances the food security of farmers with respect to accessibility of food, especially in poor regions.

Cotton yield in the OIC and world is illustrated in Figure 20 during the period 1995-2016. As seen in the figure, the yield of cotton in the OIC member countries shows a poor performance over the last two decades. While it is noted 1.77 tons/hectare in 1995, it slightly increased to 1.85 tons/hectare in 2016. Compared to the world, the cotton yield of the OIC was higher than the world till the beginning of the 21. Century, the world average cotton yield has surpassed the OIC figures during 2000s. As of 2016, world average cotton yield was 22 percent higher than OIC's.

Figure 20. Cotton Yields in the OIC and the World



Source: FAOSTAT

2.4. Water

Water is the most crucial input for agricultural production. One of the remarkable characteristics of water is that in addition being an indispensable input itself, it works as an augmenting input in agriculture when combined with other inputs of production such as improved seeds and fertilizer.⁶ It is estimated that growing fertilizer application and more water usage by irrigation have been responsible for over 70 percent of the crop yield increase throughout the world.⁷ The total volume of water on earth is about 1.4 billion km³ of which only 2.5 percent, or about 35 million km³, is freshwater.

Freshwater is a highly valuable resource as there are large number of competing demands, including drinking water, irrigation, hydroelectricity, waste disposal, industrial processes, transport and recreation, as well as ecosystem functions and services. As mentioned above, agricultural sector is the most important user (with 70 percent) of all freshwater used by humans among the competing sectors at the global level.⁸ In the OIC, agriculture sector consumes 86 percent of the total fresh water which is higher than the world average.⁹ In

⁶ Nayak and Bhattacharjee, 2005

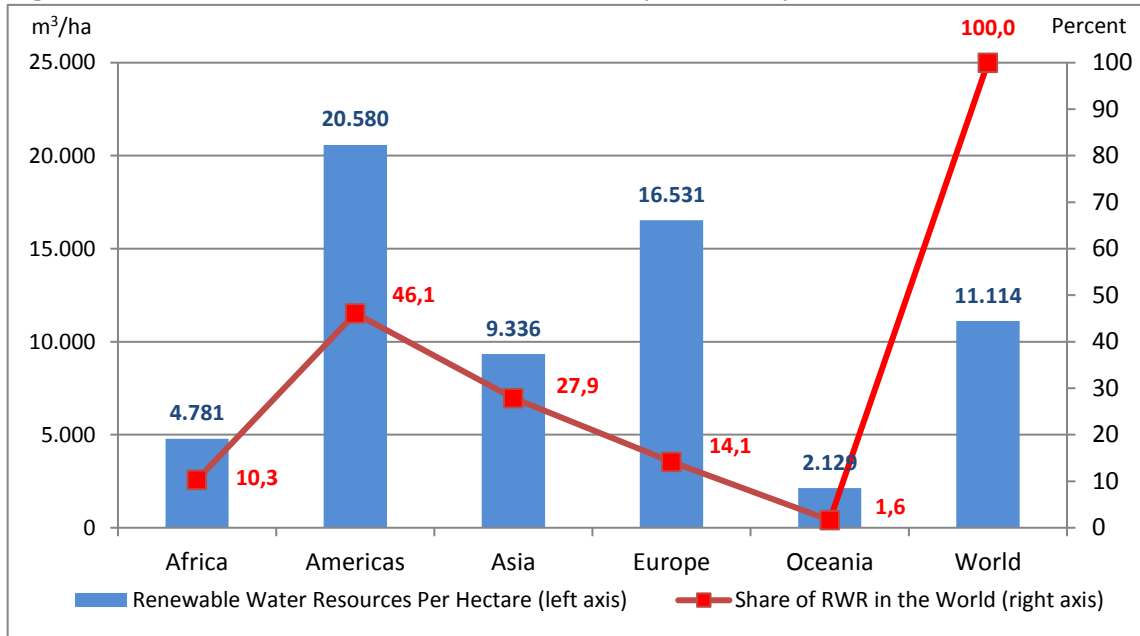
⁷ Nellemann et. al, 2009

⁸ UNEP, 2002

⁹ SESRIC, 2014

developing regions like Africa and Asia, agriculture uses more fresh water. On the other hand, the share of agriculture in water consumption is lower in continents having high level of precipitation than arid and semi-arid ones.

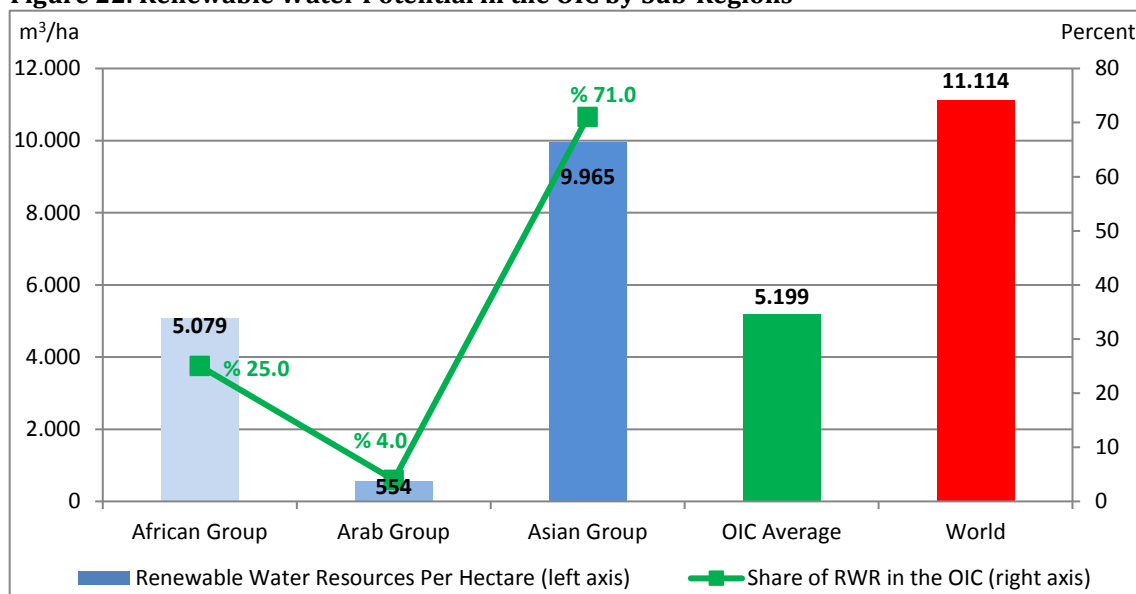
Figure 21. Renewable Water Potential in the World (2013-2017)



Source: FAOSTAT

According to FAO data, total renewable water resources in the world have been declining, and it is calculated as 54,705 km³/year for the period 2013-2017. The continental distribution of total renewable water resources can be seen in Figure 21. America has 25,203 km³/year total renewable water resources constituting 46.1 percent of the world. Following to America, Asia and Europe comprise 15,242 km³/year and 7,736 km³/year total renewable water resources, respectively. Figure 21 also shows another meaningful indicator which is called renewable water resources per hectare of agricultural land. It provides adequacy rate of total renewable water resources with respect to agricultural land of a region. With respect to this indicator, America, which possesses one fourth of the world's total agricultural area, has still the most renewable water resources per hectare of agricultural land with 20,580 m³/ha. It can be explained by its rich water potential. Following to America, Europe, having 9.5 percent of the world's total agricultural area, has 16,531 m³/ha renewable water for per hectare agricultural land. Lastly, Africa and Asia, covering most of the OIC member countries, have very low level renewable fresh water for per hectares compared to America, Europe and the average of the world.

Figure 22. Renewable Water Potential in the OIC by Sub-Regions



Source: Calculated by using AQUASTAT and FAOSTAT

OIC member countries have 7,261 km³/year of renewable water resources for the period 2013-2017 that accounts for 13.3 percent of the world’s total. Taking into account the fact that OIC member countries have 28 percent of world’s total agricultural area, we can say that, the majority of the Member Countries face water scarcity. This observation can be clearly seen from Figure 22. Average renewable water resources per hectare of agricultural land in the OIC is 5,199 m³/ha, which is lower than half of the World’s average.

At the sub-regional level, renewable water resources disperse unequally in the OIC. Moreover, the share of renewable water resources to the agricultural land varies considerably among its sub-regions. While Asian Group has 71 percent of the renewable water resources in the OIC, it possesses 9,965 m³/ha renewable water per hectare of agricultural land, Arab Group owns 4 percent of renewable water resources with 554 m³/ha renewable water per hectare of agricultural land.

Since OIC member countries are dispersed over a large geographical region, on four continents and have wide range of climate conditions, big differences are seen at the country level regarding amount of renewable water resources. In terms of their renewable water resources per hectare of agricultural land, some OIC member countries are very rich while most of them are face water-scarcity.

Table 7 and Table 8 indicate renewable water-rich OIC member countries and renewable water-poor OIC member countries, respectively. Analyzing Table 7, it is seen that Suriname, Brunei Darussalam have relatively high levels of water resources per hectare of agricultural land. They are followed by Guyana, Bangladesh, Malaysia, Sierra Leone, Indonesia, Gabon, Cameroon, and Albania.

Table 7. Renewable Water-Rich OIC Member Countries (2013-2017)

Top Ten Renewable Water-Rich Country		Renewable Water Resources Per Hectare (m ³ /ha)
1	Suriname	1,192,771.1
2	Brunei Darussalam	634,328.4
3	Guyana	161,501.8
4	Bangladesh	134,465.8
5	Malaysia	74,843.5
6	Sierra Leone	39,052.6
7	Indonesia	35,734.5
8	Gabon	32,170.5
9	Cameroon	29,035.9
10	Albania	25,139.4

Source: FAOSTAT

On the other hand, 19 countries have less than 1,000 m³/ha renewable water per hectare of agricultural land. Table 8 shows that Saudi Arabia, Libya, Yemen, Kuwait, Djibouti, Algeria, Mauritania, Somalia, Sudan and United Arab Emirates are the top ten Renewable Water-Poor Countries.

Table 8. Renewable Water-Poor OIC Member Countries (2013-2017)

Top Ten Renewable Water-Poor Country		Renewable Water Resources Per Hectare (m ³ /ha)
1	Saudi Arabia	13.8
2	Libya	45.6
3	Yemen	89.2
4	Kuwait	131.6
5	Djibouti	176.3
6	Algeria	281.7
7	Mauritania	287.4
8	Somalia	333.1
9	Sudan (former)	335.4
10	United Arab Emirates	377.8

Source: FAOSTAT

In addition to current water potential, the other important water resource is precipitation. Precipitation provides soil with moisture that is a crucial factor for productivity in agriculture. Looking at precipitation in OIC member countries, it is understood that most of them have average precipitation less than 500 mm per year implying high prevalence of aridity. Especially, most of the 20 countries in the Arab Group have less than 500 mm precipitation level except for Comoros and Lebanon. On the other hand, 19 countries possess more than 1,000 mm average long-term precipitation annually. Of these countries, Malaysia, Brunei, Indonesia, Bangladesh, Sierra Leone, Guyana and Suriname receive over 2,000 mm.

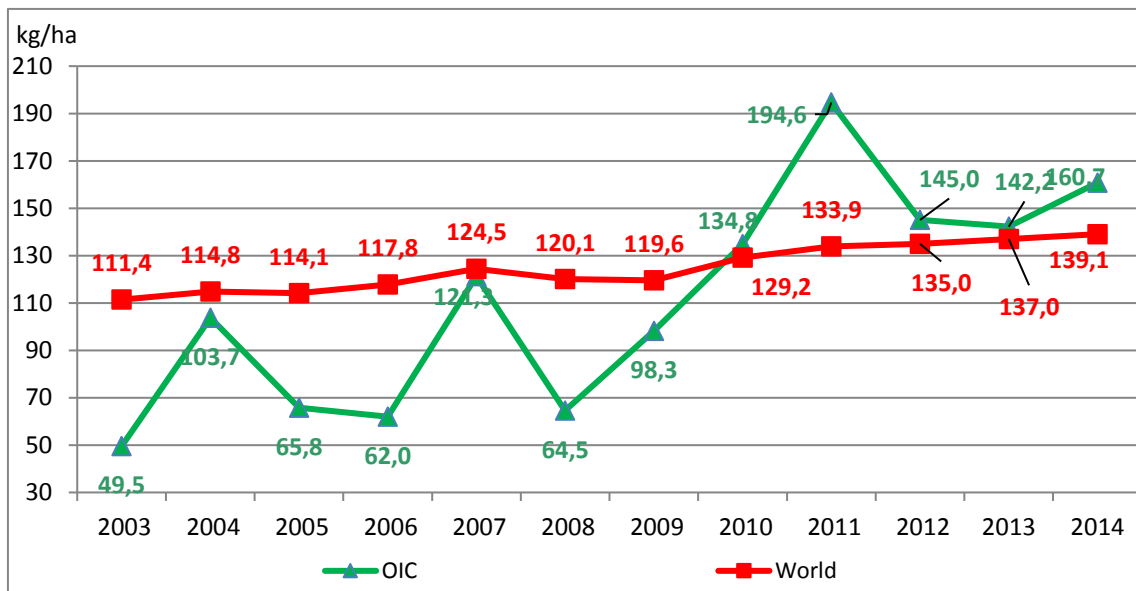
When discussing irrigation, it is not sufficient to know only the water potential. Additionally, we need to look at the utilization of this potential in agriculture. Large part of the OIC member countries are located in arid and semi-arid regions geographically. Hence, widespread and modern irrigation systems, including water storage facilities are required.

In the OIC member countries as a whole traditional ways of irrigation are widely used. Therefore, the efficient use of water in agriculture is not adequately addressed by most of the countries of the region where sustainability of the existing irrigation systems are at stake. While surface irrigation is by far the most widely used system in irrigation (practiced on 82.1 percent of the total full and partial controlled irrigation area), the most water-saving system through micro-irrigation techniques is only practiced on a mere 1.7 percent of the total irrigation area.¹⁰

2.5. Fertilizer

The average use of fertilizer per hectare in the OIC member countries increased from 57 kilograms in 2003 to 70.6 kilograms in 2014. This is far behind of the world average. As of 2014, the world average fertilizer use reached 120 kilograms, which was more than 60 percent higher than the OIC average.

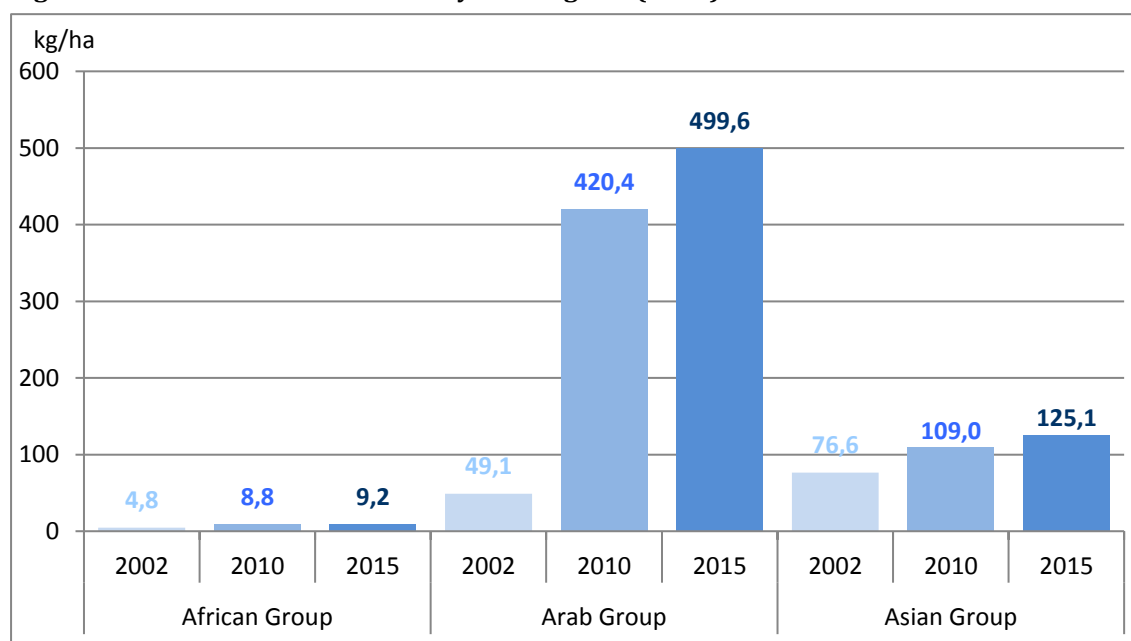
Figure 23. Fertilizer Use in the OIC and World (2014)



Source: FAOSTAT

At the sub-regional level, the use of fertilizers in the African Group Countries was very low with 12.3 kg/hectare in 2013. On the other hand, the use of fertilizer in Arab Group Countries and Asian Group Countries are 78.2 kg/hectare and 112.0 kg/hectare, respectively.

¹⁰ SESRIC, 2014

Figure 24. Fertilizer Use in the OIC by Sub-Regions (2015)

Source: FAOSTAT

2.6. Mechanization

The ratio of number of tractor per 1,000 hectares of arable land in the OIC member countries declined to 6.9 in 2008 from 9.8 in 2002. This reduction shows that 1,000 hectares of arable land needed to be harvested by 6.9 tractors in 2008, instead of 9.8 in 2002. Even though the number of tractors used increased in the OIC member countries between 2002 and 2008, increase in the arable land area was higher. Hence, this situation leads to a decrease in the ratio of number of tractor used in arable land in the OIC.

Developed countries and other developing countries also experienced a similar reduction in this ratio. As of 2008, the world average was 4.8 and the average of other developing countries was 1.72. In other words, compared with other developing countries and the world average, the OIC member countries are in a better position collectively in terms of tractor use. Nevertheless, the OIC member countries still have insufficient agricultural mechanization relative to developed countries group in which the ratio is calculated as 10. Therefore, considering that the same area of arable land is harvested by 6.9 tractors in the OIC member countries compared to 10 tractors in developed countries, the use of agricultural machinery in the OIC member countries needs to be improved.¹¹

¹¹ SESRIC, 2014

3. The State of Food Insecurity

According to the FAO, food security exists when all people, at all times, have physical, social and economic access to sufficient, safe and nutritious food which meets their dietary needs and food preferences for an active and healthy life. Household food security is the application of this concept to the family level, with individuals within households as the focus of concern.

Even though the definition of food security can be easily understood, the measurement of food security requires much more effort. In order to tackle this issue, many experts and international organizations have studied the concept with the aim of building a wide food security information system. Hence, a set of indicators which aims to capture various aspects of food insecurity was defined in September 2011 by the Committee on World Food Security hosted at FAO headquarters. In the selection process of food security indicators, the availability of data with sufficient coverage was taken into consideration in order to enable comparisons across regions and over time. Therefore, several indicators which are produced and published by different international organization are used to reveal the state of food insecurity in the world. These indicators are progressively revised and regarding this section, the latest set of indicators and their data retrieved through “Suite of Food Security Indicators” were used as released by FAO on May 2, 2018. In this study, indicators are classified along the four dimensions of food security, namely availability, access, utilization and stability.

3.1. Availability

According to FAO definition, availability refers to physical availability of food. It addresses the supply side of food security and is determined by the level of food production, stock levels and net trade.¹² Therefore, the availability aspect of food security deals with whether there is sufficient quantity of food available on a consistent basis at the household, community, country or international level to provide food for everyone.

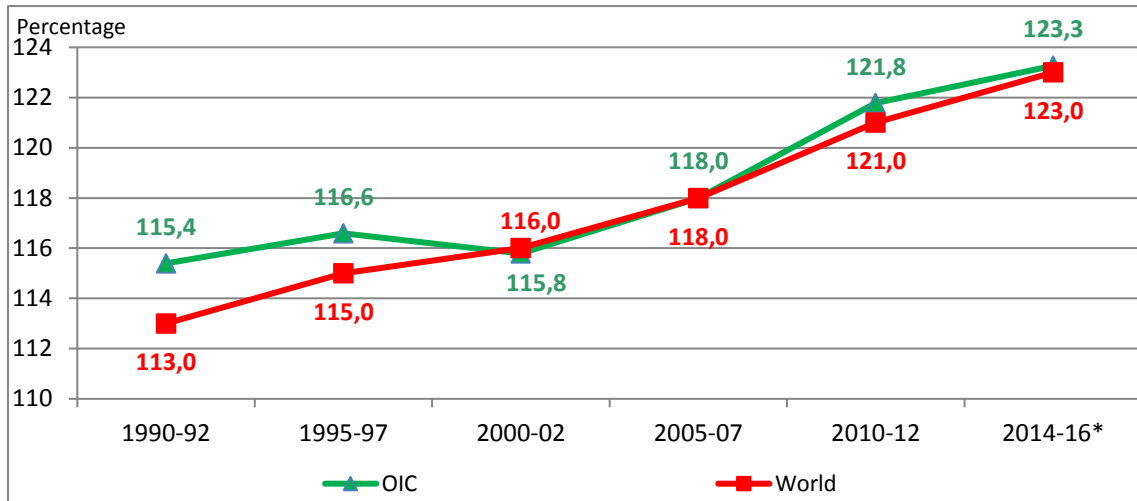
The availability dimension of food security can be measured by various indicators such as average dietary energy supply adequacy, average value of food production, share of dietary energy supply derived from cereals, roots and tubers, average protein supply, average supply of protein of animal origin. For this study, average dietary energy supply adequacy, average value of food production and average protein supply are taken into consideration.

Dietary Energy Supply Adequacy: Figure 25 illustrates the developments in average dietary energy supply adequacy in the OIC member countries and the world. It is calculated as three year averages from 1990-92 to 2014-16 to provide an index of adequacy of the food supply in terms of calories. As it is seen in the figure, there is not a serious problem neither in the OIC nor in the world in terms of average dietary energy supply adequacy. In the 2014-2016 period average dietary energy supply in OIC member countries is estimated to be 23.3 percent more than the average dietary energy demand; as compared to 15.4 percent in the period 1990-1992.

¹² FAO, 2008

Average dietary energy supply adequacy in the OIC has become slightly higher compared to the world recently.

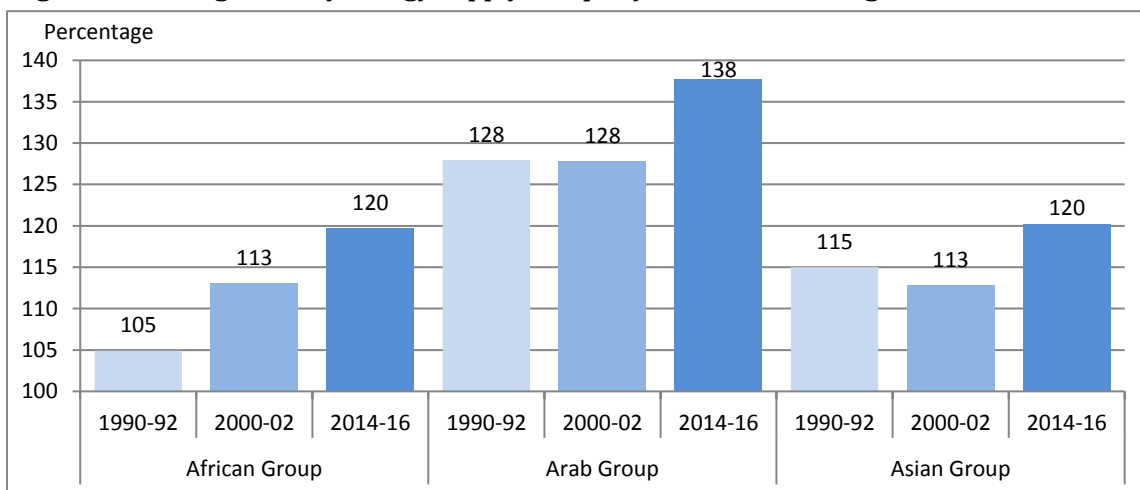
Figure 25. Average Dietary Energy Supply Adequacy in the OIC and the World



Source: Annex 35

At the sub-regional level, average dietary energy supply adequacy is the highest in the Arab Group with 138 percent in 2014-2016. Considering the adequacy rate of developed countries which is 136 percent, Arab Group has moderately higher dietary energy supply adequacy than developed countries. Arab Group is followed by Asian and African Group with 120 percent of average dietary energy supply adequacy which is slightly lower than the world average. On the other hand, even though the rate of growth in average dietary energy supply adequacy is higher in the African Group, it is still below the OIC average.

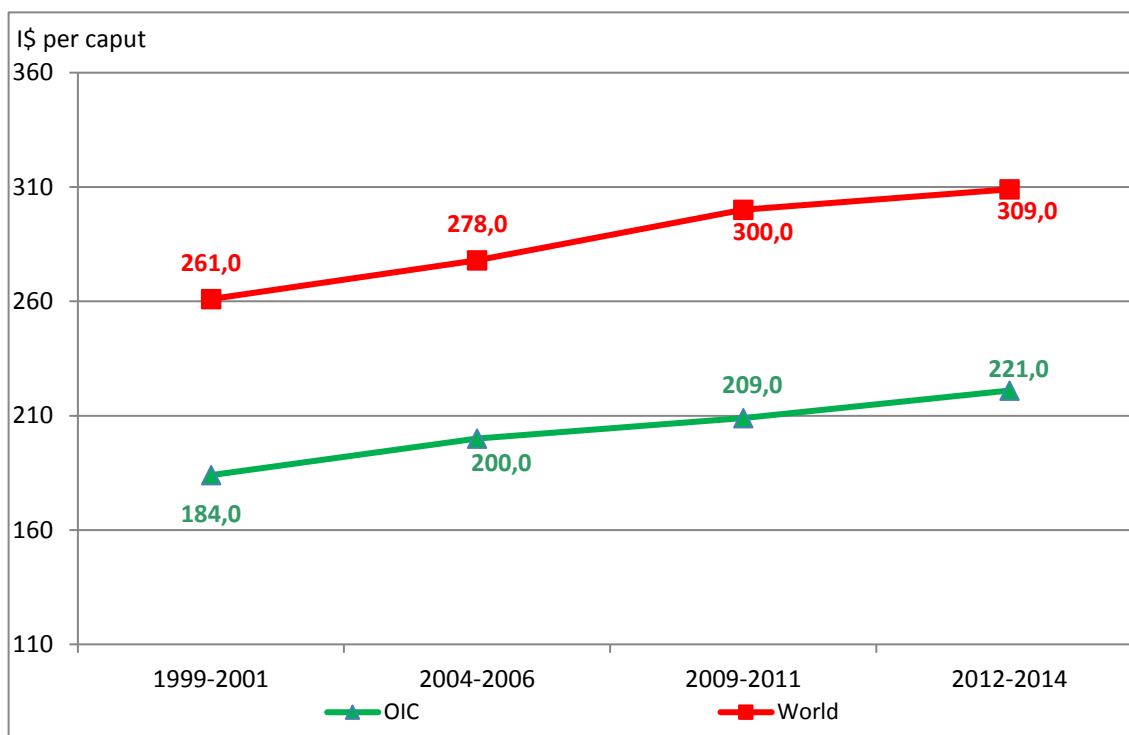
Figure 26. Average Dietary Energy Supply Adequacy in the OIC Sub-Regions



Source: Annex 35

Value of Food Production: Average value of food production, which provides a cross country comparison of the relative economic size of the food supply in a country or region, is another indicator to measure the availability aspects of food security. It is calculated in three year averages, and expresses the food net production value, in constant 2004-06 international dollar terms, per caput.

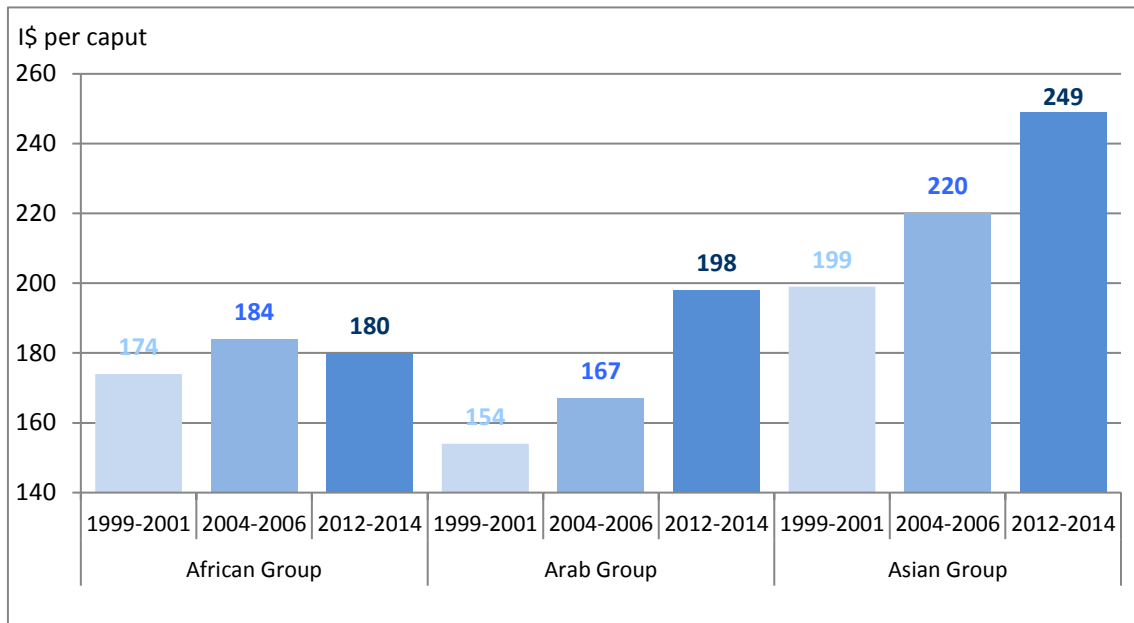
Figure 27. Average Value of Food Production in the OIC and the World



Source: Annex 36

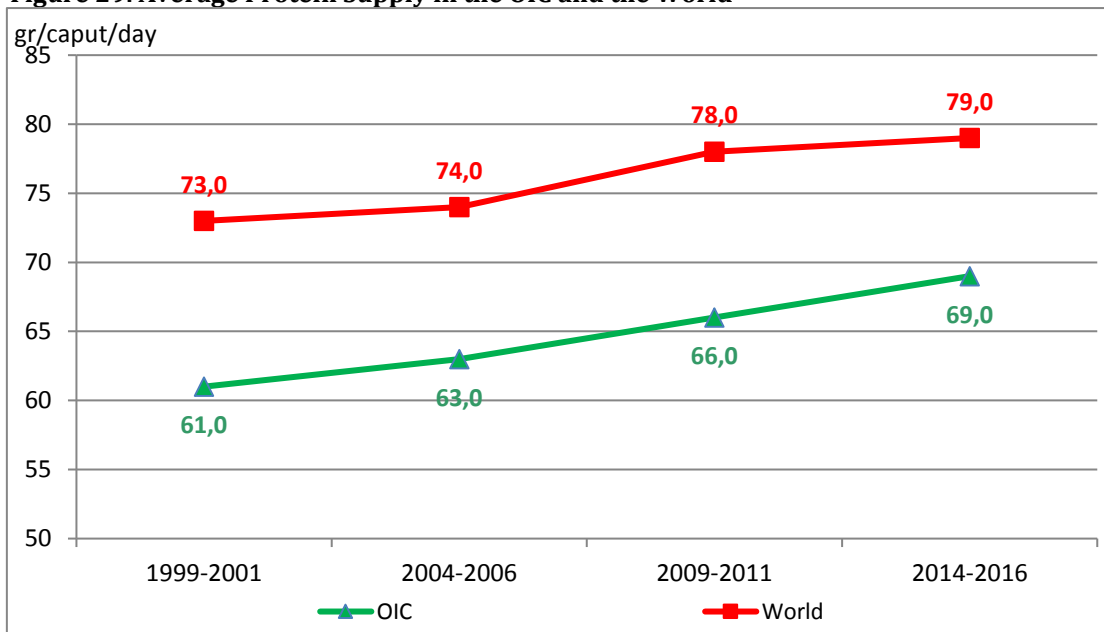
Figure 27 shows the average value of food production from 1999-2001 to 2012-2014. As of 2012-2014, average value of food production in the OIC member countries reached 221 dollars per capita, from 184 dollars in 1999-2001. Between these periods, it has increased by 20 percent. However, in 2012-2014, OIC average value of food production per caput was almost 30 percent lower than the world average.

At the sub-regional level, Asian Group has the highest average value of food production per caput with 249 dollars, increasing by over 25 percent from 199 dollars in 1999-2001. As of 2012-2014 period, Asian Group was followed by Arab Group and African Group with 198 and 180 dollars per capita respectively. The growth of average value of food production in African and Arab Groups were 28 and 3 percent respectively.

Figure 28. Average Value of Food Production in the OIC Sub-Regions


Source: Annex 36

Average Protein Supply: In this study, the last indicator examined under the availability facet of food security is average protein supply. Since the importance of proteins in human diets is substantial and they are considered as the keystone of body organs, average protein intake of people closely associated with sufficient and well-balanced nutrition. Therefore, average protein supply per caput in a day is a useful indicator to measure the food security of a country or region.

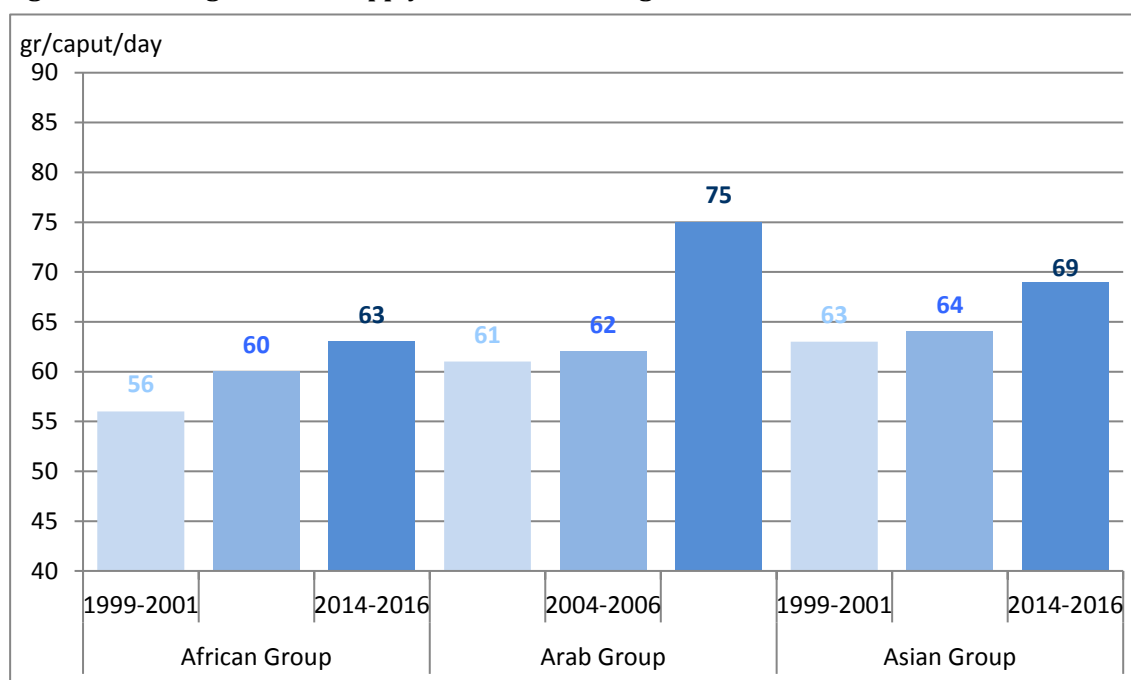
Figure 29. Average Protein Supply in the OIC and the World


Source: Annex 37

Figure 29 illustrates that average protein supply per caput in a day in the OIC member countries reached to 69 gr/caput in 2014-2016; while it was 61 gr/caput at the beginning of 1990s. Compared to the world, it was 12.5 percent lower than world average in the period of 2014-2016.

At the sub-regional level, Arab Group had the highest average daily protein supply per person with 75 gr in 2014-2016. Arab Group was followed by Asian Group and African Group with 69 gr and 63 gr respectively. Protein supply is sufficient in very few countries such as Kuwait, Maldives, and Turkey. In most of the African Group countries, only half of required amount of protein has been supplied (Figure 30).

Figure 30. Average Protein Supply in the OIC Sub-Regions



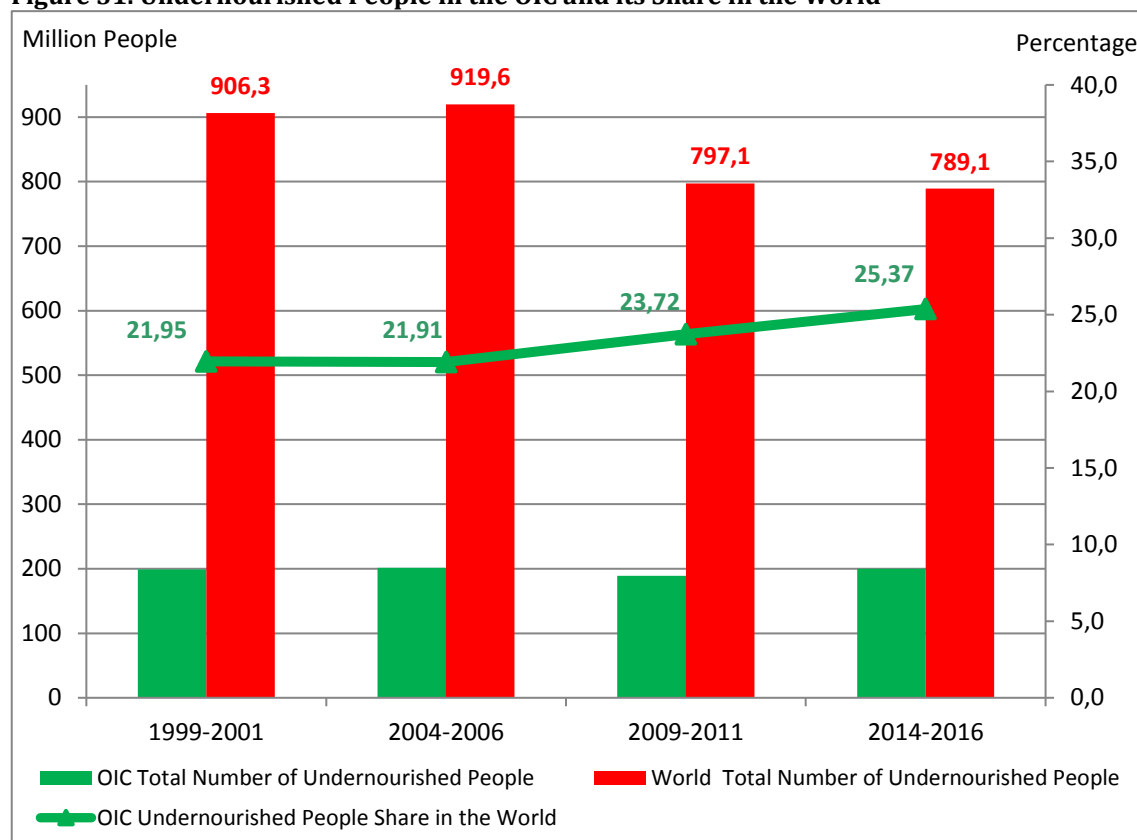
Source: Annex 37

Furthermore, number of people at risk of undernourishment is a broad indicator. According to FAO definition, undernourishment means that a person is not able to acquire enough food to meet the daily minimum dietary energy requirements, over a period of one year. The number of undernourished people in the OIC is calculated by applying the estimated prevalence of undernourishment to total population.

Figure 31 displays that as of 2014-2016, 168.6 million people are expected to be undernourished in the OIC member countries which accounts for 21.2 percent of undernourished people in the World. In the last 25 years, while the number of undernourished people in the World has fallen gradually, it remained almost the same in the OIC member countries. Therefore, the share of OIC in undernourished people of the World has risen from 16.6 percent in 1990-1992 to 21.2 percent 2014-2016. This can be explained by the impact of the surge in food insecurity, particularly after the food crisis in 2006-2008 that brought forth

serious socioeconomic challenges both for households and policy makers in the developing regions of Asia & Pacific, Sub-Saharan Africa and Latin America & Caribbean where the majority of the OIC member countries are located.¹³

Figure 31. Undernourished People in the OIC and its Share in the World

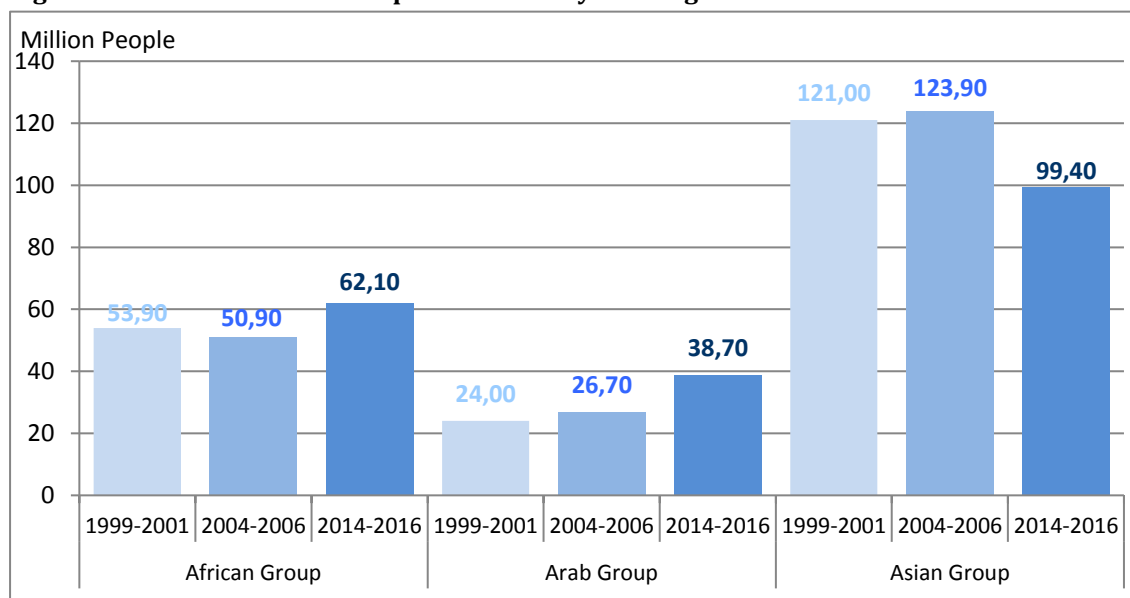


Source: Annex 38

At the sub-regional level, despite of the higher proportion of undernourishment in the African Group, Asian Group has almost half of the total undernourished people in the OIC member countries due to its high population. Figure 32 shows that as of 2014-2016, 98.6 million undernourished people are expected to live in the Asian Group, which accounts for nearly 60 percent of undernourished population in the OIC.

¹³ SESRIC, 2015

Figure 32. Undernourished People in the OIC by Sub-Regions



Source: Annex 38

3.2. Access

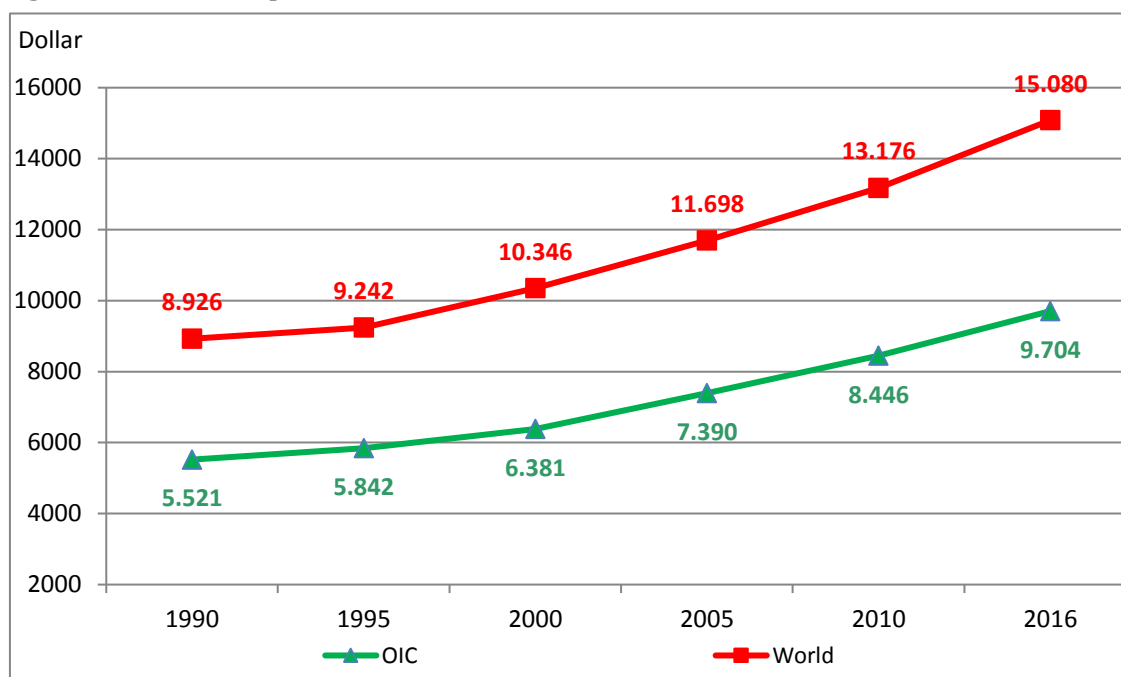
World Health Organization defines the food access as having sufficient resources to obtain appropriate foods for a nutritious diet.¹⁴ Access dimension of food security is fully met when all people in a country have all adequate resources needed to acquire sufficient nutritious and safe food. Therefore, the concept of food accessibility encompasses several issues such as affordability of individuals to purchase foods, distribution of income and consumption, existence of nutritious goods in nearby grocery stores, sufficient and convenient transportation nets to reach local food retailers.

In the FAO study of food security indicators, the access dimension of food security is measured by various indicators such as percent of paved roads over total roads, road density, rail lines density, gross domestic product per capita, domestic food price index, prevalence of undernourishment, share of food expenditure of the poor, depth of the food deficit, distribution of consumption and prevalence of food inadequacy.¹⁵

Two of the most important indicators of access are the average level of income and the distribution of the income in a country. In this section we present two such indicators, namely GDP Per Capita, Food Prices, and Calorie Consumption Distribution.

¹⁴ WHO, 2015

¹⁵ FAO, 2015b

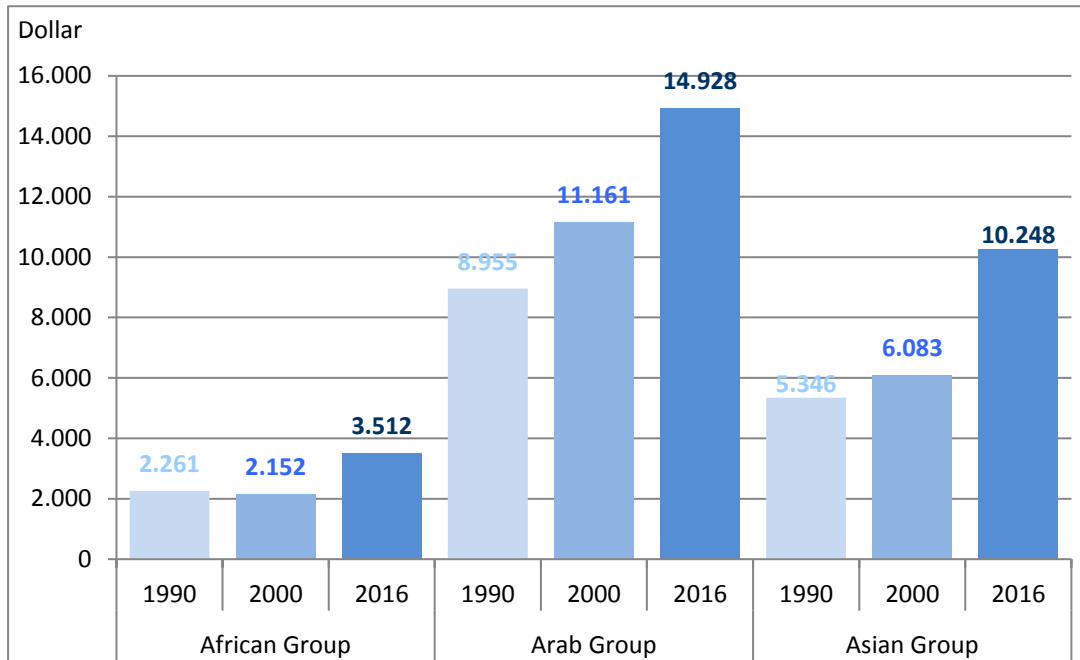
Figure 33. GDP Per Capita in the OIC and World

Source: Annex 39

GDP Per Capita: Figure 33 demonstrates the developments in GDP per capita valued at constant 2011 International Dollars using purchasing power parity rates in the OIC and World and by using a weighted population averages. Therefore, this indicator provides information on the possibility of economical access to markets taking into account the purchasing power of regions. As it is seen in the figure, average GDP per capita of the OIC member countries reached 9,704 Int. Dollars, while it was 5,400 Int. Dollars in 1990s. Compared to the world, average GDP per capita of the OIC member countries was far away from the world average, which was almost 15,080 Int. Dollars in 2016. Nonetheless, 75 percent growth in the GDP per capita of the OIC member countries in the period 1990-2016 was higher than the World's average of 68 percent.

At the sub-regional level, average GDP per capita of Arab Group was the highest with 14,928 Int. Dollars in 2016. It was followed by Asian Group and African Group with 10,248 and 3,512 Int. Dollars, respectively.

Figure 34. GDP Per Capita in the OIC Sub-Regions



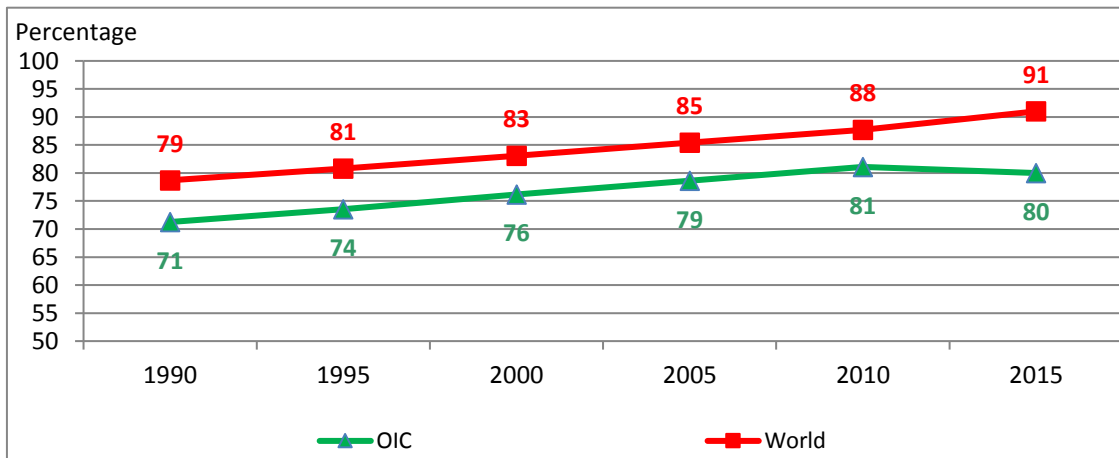
Source: Annex 39

3.3. Utilization

According to FAO definition, utilization refers to the act of food usage and consumption through adequate diet, clean water, sanitation and health care to reach a state of nutritional well-being where all physiological needs of individuals are met.¹⁶ Therefore, the significance of non-food inputs is mainly emphasized with respect to utilization aspects of food security. Hence, general hygiene and sanitation, water quality, health care practices and food safety and quality are considered as fundamental determinants of food utilization.

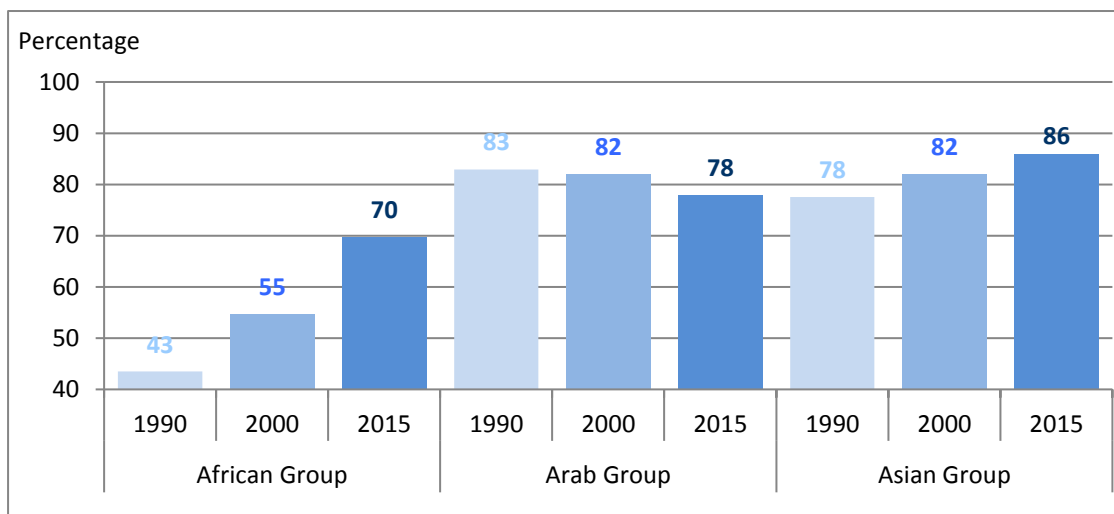
In the FAO study of food security indicators, the utilization dimension of food security is measured by various indicators such as access to improved water sources, access to improved sanitation facilities, percentage of children under 5 years of age who are stunted, percentage of children under 5 years of age who are underweight, percentage of adults who are underweight, prevalence of anemia among pregnant women, prevalence of anemia among children under 5 years of age, prevalence of vitamin A deficiency in the population, prevalence of iodine deficiency. For the scope of this study, access to improved water sources is chosen to represent utilization aspects of food security in the OIC member countries.

¹⁶ FAO, 2006

Figure 35. Access to Improved Water Sources in the OIC and the World

Source: Annex 40

Figure 35 illustrates the percentage of population having access to improved drinking water sources in the OIC and the World. As of 2015, 80 percent of OIC population has access to improved drinking water sources compared to 71 percent in 1990. Access to improved water sources in the OIC has been lower than the world average over the years

Figure 36. Access to Improved Water Sources in the OIC by Sub-Regions

Source: Annex 40

At the sub-regional level, there does not appear to be a serious problem in Asian and Arab Groups with respect to access to improved water sources. In 2015, the percentage of population having access to improved drinking water sources has reached 86 percent in the Asian Group and 78 percent in the Arab Group, both of which were slightly lower than the World average. However, access to improved water sources in the African Group is still a big concern. Even though great extent of progress has been achieved from the 1990s to the present, the percentage of population having access to improved drinking water sources in the African Group was recorded as 70 percent in 2015.

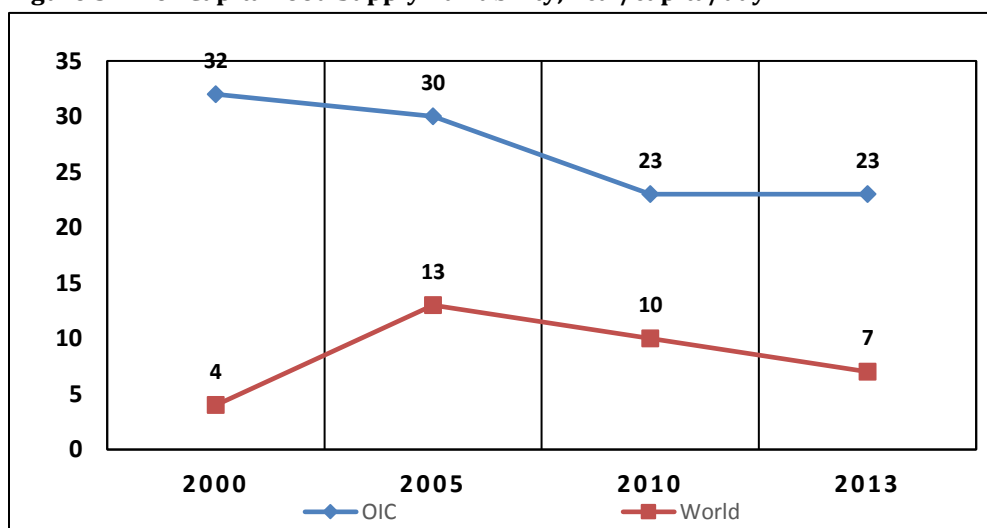
3.4. Stability

The definition of food security stresses the time spatial extent of food security by stating “when all people, **at all times**, have physical, social and economic access to safe and nutritious food ... for an active and healthy life”. In this definition, **at all times** refer to the stability aspect by covering the availability, access and utilization dimension of food security on a periodic basis. Furthermore, it emphasizes the importance of having to reduce the risk of adverse effects on the other three dimensions, namely availability, access and utilization. Therefore, these three dimensions should be stable over time and not be affected negatively by natural (drought, floods), social (unemployment), economic, (rising food prices) or political factors (social unrest).

Accordingly, FAO describes the stability dimension of food security such that a population, household or individual must have acquire to adequate food **at all times** without any risk losing access to food as a consequence of sudden shocks (e.g. an economic or climatic crisis) or cyclical events (e.g. seasonal food insecurity).¹⁷

In the FAO study of food security indicators, the access dimension of food security is measured by various indicators such as cereal import dependency ratio, percent of arable land equipped for irrigation, value of food imports over total merchandise exports, political stability and absence of violence/terrorism, domestic food price volatility, per capita food production variability, per capita food supply variability. In this study, among these indicators, per capita food supply variability which compares the variations of per capita food supply across countries and time is seen as the most useful indicator to assess the stability dimension of food security in the OIC member countries.

Figure 37: Per Capita Food Supply Variability, kcal/capita/day

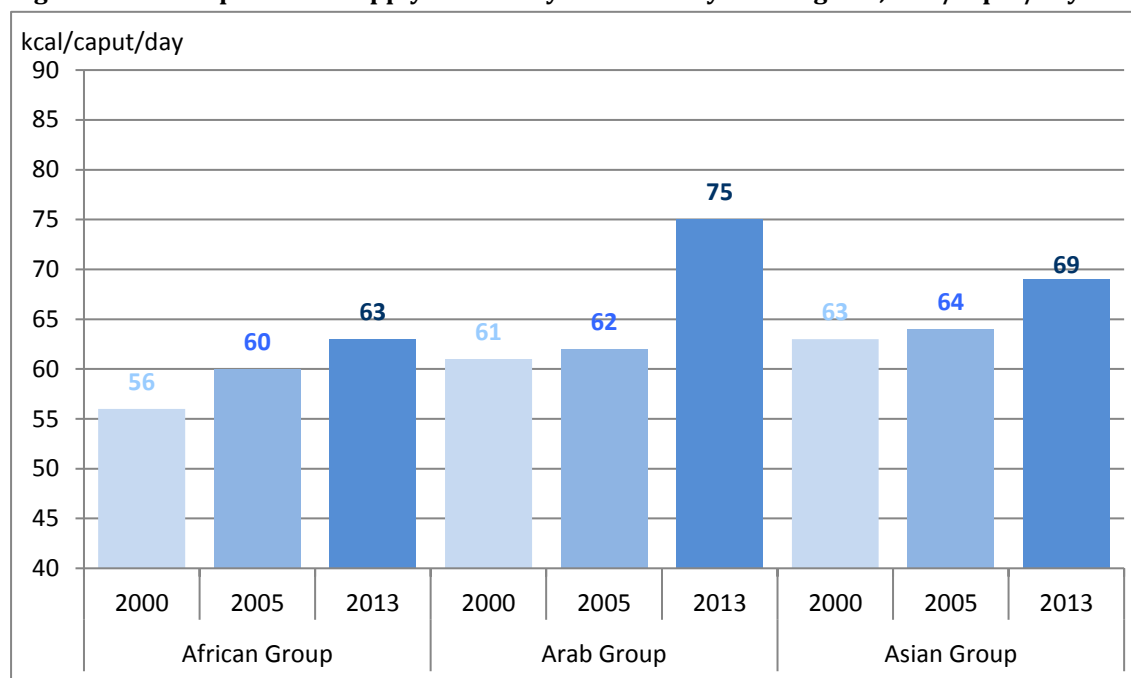


Source: Annex 41

¹⁷ FAO, 2006

Annex 37 illustrates the domestic food price volatility index that corresponds to the variability of the "food supply in kcal/caput/day" in the OIC member countries and world. The variability index series is calculated by fitting a cubic spline trend by ordinary least squares to the series. The difference between the cubic fit and the actual values are then computed and then the index for a specific year is defined as the standard deviation of these differences over the previous five years. OIC level food supply variability has a similar trend with respect to World average but OIC level variations seem to be 2 times higher than World level.

Figure 38: Per Capita Food Supply Variability in the OIC by Sub-Regions, kcal/caput/day



Source: Annex 41

At the sub-regional level, there appears to be a serious problem for each Groups but it is most acute for Arab Group. In 2013, the food supply variability has reached 75 in the Arab Group and 69 in the Asian Group with a secular increasing trend in each of the OIC regions in oppose to the global trend of decrease in food supply variability.

4. Agricultural Cooperation under the COMCEC

Agriculture is one of the most important cooperation areas of the COMCEC. It has been prioritized by the COMCEC Economic Summit held in November 2009 in İstanbul. The COMCEC Strategy, adopted by the 4th Extraordinary Islamic Summit held on 14-15 August 2012 in Makkah, has also determined agriculture as one of the six cooperation areas of the COMCEC.

The COMCEC Strategy sets the “Increasing the productivity of agricultural sector and sustaining food security in the OIC Member Countries” as its strategic objective. The COMCEC Strategy also highlights the common challenges of the agriculture sector in the OIC member countries, among others, as the following:

- Low level of agricultural productivity,
- Lack of appropriate legal and regulatory framework,
- Low agro-industry investments,
- Poor basic infrastructure and related services
- Low level of agricultural mechanization,
- Low level of research and development activities,
- Lack of reliable and up-to-date data

In order to address these challenges, the COMCEC Strategy, in its Agriculture Section, identifies four Output Areas (Increasing Productivity, Regulatory Framework and Institutional Capacity, Reliable and Up-to-date Data and Market Performance) as well as specific expected outcomes under them.

In addition, this Outlook prepared by the COMCEC Coordination Office elaborately sets out some problems of the OIC agriculture sector with a view to display the situation in the OIC Member Countries. The Outlook highlights that the challenges facing the OIC member countries need to be determined accurately and extensively. In this respect, in order to contribute to development of the OIC Agriculture sector, it is crucial to initiate projects and programmes to reach the expected outcomes determined in accordance with the aforementioned challenges.

With the purpose of realizing the objectives and the expected outcomes of the cooperation areas, Working Groups (WG) have been formed under each cooperation area. The COMCEC Agriculture Working Group (AWG) has been established to achieve the objectives of the COMCEC Strategy in this context. Within the framework of the Strategy, the COMCEC Agriculture Working Group provides a regular platform for the member country experts to discuss their common issues, concerns and problems as well as to share experiences and good practices. Moreover, the AWG serves in developing a common understanding and approximating policies among the member countries in this crucial sector.

In this respect, the 1st meeting of the AWG was held in June 2013 with the theme of “Increasing Agricultural Productivity in the OIC Member Countries: Improving Irrigation Capacity”. The 2nd meeting was held in December 2013 with the theme of "Encouraging Foreign Direct Investments (FDIs) in the OIC Member Countries for Increasing Agricultural Productivity." Furthermore, the 3rd meeting Agriculture WG was held in April 2014 in Ankara with the theme of “Improving the Statistical Capacity of the Agriculture Sector in the OIC Member Countries”. After that, the 4th

meeting of the COMCEC Agriculture Working Group was held in September 2014 with the theme of “Facilitating Smallholder Farmers’ Market Access in the OIC Member Countries.” The COMCEC AWG gathered its 5th meeting with the theme of “Improving Institutional Capacity: Strengthening Farmer Organizations in the OIC Member Countries” in March 2015. The sixth Meeting was held in October 2015 with the theme of “Promoting Agricultural Value Chains in the OIC Member Countries.”

Moreover, given the importance of food losses in the Member Countries, the COMCEC AWG devoted its 7th, 8th and 9th Meetings to different dimensions of this subject which are respectively on-farm food losses, post-harvest food losses and food waste in the OIC Member Countries.

Food security is one of the most important challenges faced by the governments in the World as well as in the OIC Member Countries. In this respect, a well-functioning agricultural market performance is essential to ensure food security in the Member Countries. Given the significance of this issue, the 10th Meeting of the COMCEC AWG was held on September 28th, 2017 in Ankara, Turkey with the theme of “Improving Agricultural Market Performance: Creation and Development of Market Institutions”. Following this meeting, the 11th Meeting of the AWG was held on February 22nd, 2018 in Ankara with the theme of “Improving Agricultural Market Performance: Developing Agricultural Market Information Systems”.

The 12th Meeting of the COMCEC AWG will be held on September 20th, 2018 with the theme of “Analysis of Agri-Food Trade Structures to Promote Agri-Food Trade Networks among the OIC Member Countries”.

In each meeting of the AWG, the research report prepared specifically on the theme of the meeting is considered by the AWG. “COMCEC Agriculture Outlook” reports are prepared and submitted to WG Meetings. As the outcome of the meeting, the WG comes up with concrete policy recommendations. In addition, Proceedings of these Working Group Meetings, which reflect the outcomes of the Meetings, are published by the CCO, following each WG Meeting. All the relevant publications and presentations are available on the COMCEC website (www.comcec.org and ebook.comcec.org).

Furthermore, the Member Countries having registered to the AWG have the chance to propose multilateral cooperation projects within the framework of the COMCEC Project Funding, which is another important implementation instrument of the Strategy. The projects to be financed under the COMCEC Project Funding need to serve multilateral cooperation and be designed in accordance with the objectives and the expected outcomes defined by the Strategy in its agriculture section. The projects also have important role in realization of the policy recommendations formulated by the member countries during the AWG meetings.

The 1st Project Call under the COMCEC Project Funding was made in September 2013. Within the framework of the first project call of the COMCEC Project Funding, in agriculture sector, the project titled “Pakistan Bioremediation Model for Wastewater Treatment and Capacity Building Program among OIC Countries” proposed by Pakistan was successfully implemented with the participation of Afghanistan, United Arab Emirates, Bangladesh and Turkey in 2014.

Moreover, the 2nd Project Call was made in September 2014 and within this framework, four projects were implemented successfully. These projects were submitted from Chad, Indonesia, Surinam and Turkey. Project titles and brief information about the projects implemented in 2015 are as follows:

- Chad implemented a project on “Support to the Agricultural Training Centers” with the participation of Burkina Faso and Turkey.
- The project titled “Improving the income of small and medium scale farmers in the OIC Member States through Integrated Farming System” was implemented by Indonesia with three partner countries namely, Sudan, Gambia and Egypt.
- Suriname conducted the project titled “Good Agricultural Practices (GAP) for Greenhouse Vegetable Crops; Principles for Tropical Climate Areas” with Turkey and Guyana.
- Turkey implemented a project titled “The Establishment of Database, Network Connection and Web Pages of Smallholders/family Farmer’s Agricultural Cooperatives between COMCEC Member States” with the participation of 19 Member Countries.

Furthermore, under the 3rd Project Call made in September 2015, the following 3 projects proposed by Iran, Palestine and Turkey were implemented in 2016.

- Islamic Republic of Iran implemented the project titled “Rural Household Empowerment on Management of Production, Supply and Market Access” with the participation of Azerbaijan and Turkey.
- The project titled “Improving Small Ruminates Productivity by using different technologies as silage, feed block and hydroponic in Palestine, Jordan and Tunisia” was implemented by Palestine.
- Turkey conducted the project titled “Establishment of Database, Network Connection and Web Pages of Smallholders/ Family Farmer’s Agricultural Cooperatives between COMCEC Member States” with the participation of 13 OIC member countries.

Moreover, under the 4th Call made in September 2016, in agriculture sector, the following 2 projects proposed by Gambia and Indonesia are being implemented in 2017.

- The Gambia implemented the project titled “Reduction of Post-Harvest Losses in Cereals for Improving Rural Livelihood” with Indonesia and Nigeria.
- The project titled “Improving Income of Small and Medium Scale Farmers in the OIC Member Countries through Reducing Losses of Livestock Production” was implemented by Indonesia with the participation of Egypt, Malaysia and Sudan.

Lastly, under the 5th call made in September 2017, the following 2 projects proposed by Indonesia and Turkey are being implemented in 2018.

- The project titled “Developing Agricultural Market Information System for Horticulture Farmers” is being implemented by Indonesia with six partner countries namely, Malaysia, Bangladesh, Brunei Darussalam, Egypt, Pakistan, Jordan. The purpose of the project is facilitating the marketing of agricultural products, especially horticulture, in the OIC member countries through capacity building activities on marketing management information systems.
- Turkey is implementing the project titled “Improving Agricultural Irrigation Extension Services” with the participation of Algeria, Morocco and Tunisia. The project aims at improving knowledge and experience of technical staff who are employed in agricultural irrigation extension and training services.

There are also ongoing activities in the field of agriculture under the auspices of the COMCEC. Till now, seven Ministerial Meetings on Agriculture have been held. The 7th OIC Ministerial Conference on Food Security and Agricultural Development was held on 26-28 April 2016 in Astana, Kazakhstan. The 8th OIC Ministerial Conference on Food Security and Agricultural Development will be held in the last quarter of 2019 in İstanbul. Furthermore, SESRIC organizes training courses on different agricultural and food security aspects in the Member States within the framework of the “OIC Agriculture Capacity Building Programme (OIC-AgriCaB).”

Conclusion

After examining the macro agricultural indicators, sectoral indicators and state of food security, it is evident that agriculture is one of the prominent sectors in the OIC member countries. Even though agricultural activity in most OIC member countries has been slightly replaced by services and industrial activity over time, the significance of agriculture sector on national economies is still undeniable.

The value of agricultural production in the OIC member countries rose in the last decades due to increases in production as well as higher prices. Furthermore, the share of OIC agricultural production in the world agricultural production has an increasing trend. This achievement in agriculture sector can be explained by noteworthy rate of both agricultural and economy-wide growth in the OIC member countries that surpassed the world average during the period of 1994-2016.

Nonetheless, there still is an unused potential of agricultural sector in OIC member countries that could be utilized to increase agricultural value added and to sustain the food security. The need for productivity improvement in the most common, important and strategic crops such as wheat, maize and cotton seed, which play a crucial role in the OIC production, consumption and trade, is still valid. Moreover, millions of people in the Member Countries are facing undernourishment. Recent data show that almost 200 million people are undernourished in the OIC member countries. This accounts for 25 percent of the undernourished people in the World. Furthermore, after examining the related indicators with respect to all dimensions of food security such as availability, access, utilization and stability, it is clear that more efforts are still needed to enhance the state of food security level in member states.

At the sub-regional and individual country level, agriculture sector in the OIC member countries substantially differs. While there are countries with well performing agriculture sectors, many countries face considerable structural challenges and problems in their agriculture sector mainly arising from the agro-ecological conditions, lack of a modern agricultural infrastructure and inefficient input utilization.

Notwithstanding the structural issues mentioned above, the OIC member countries have also a great potential in agriculture especially for cross country investments. On the other hand, as the global demand for quality food is increasing, along with efforts for increasing quantity, quality related issues also need to be addressed adequately. Any efforts to reduce these productivity and market efficiency gaps already appeared between OIC member countries and the rest of the World in different terms at this Publication could serve as a leverage for both food and nutrition security.

With careful planning based on detailed studies and required allocations at national level and enhancing regional cooperation, experience sharing and mobilizing resources at international level, the challenges mentioned throughout the Outlook can be addressed to a great extent. In this framework, the COMCEC Project Funding which offers grants for capacity building and experience sharing projects should be used efficiently.

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Annexes

Annex 1 : The Official 3 Regional Groups of the OIC Member States

Arab Group	Asian Group	African Group
Algeria	Afghanistan	Benin
Bahrain	Albania	Burkina Faso
Comoros	Azerbaijan	Cameroon
Djibouti	Bangladesh	Chad
Egypt	Brunei Darussalam	Cote d'Ivoire
Iraq	Indonesia	Gabon
Jordan	Iran	Gambia
Kuwait	Kazakhstan	Guinea
Lebanon	Kyrgyz Republic	Guinea-Bissau
Libya	Malaysia	Mali
Mauritania	Maldives	Mozambique
Morocco	Pakistan	Niger
Oman	Tajikistan	Nigeria
Palestine	Turkey	Senegal
Qatar	Turkmenistan	Sierra Leone
Saudi Arabia	Uzbekistan	Togo
Somalia	Guyana	Uganda
Sudan	Suriname	
Syria		
Tunisia		
United Arab Emirates		
Yemen		

Annex 2 : Value Added, Agriculture, Forestry and Fishing in the OIC Member Countries and Sub-Regions Current Prices Value Million US Dollars

	1990	1995	2000	2005	2010	2015	2016
African Group	30,124	27,741	29,133	70,460	127,356	148,384	133,153
Benin	691	503	588	1,187	1,585	1,865	1,992
Burkina Faso	876	753	811	1,928	2,922	3,154	3,322
Cameroon	2,453	1,985	1,901	3,158	3,678	4,567	4,939
Chad	567	524	583	1,721	5,536	5,516	4,655
Côte d'Ivoire	3,511	2,721	2,546	3,860	6,104	7,536	7,616
Gabon	407	372	294	477	562	620	697
Gambia	141	168	192	169	276	157	164
Guinea	841	1,451	932	587	1,223	1,637	1,654
Guinea-Bissau	272	414	153	260	384	490	546
Mali	1,119	1,195	957	1,960	3,526	4,934	5,383
Mozambique	1,202	846	1,009	1,812	2,777	3,395	2,484
Niger	877	626	673	1,430	2,339	2,608	2,968
Nigeria	13,279	11,640	14,845	46,017	86,820	99,253	84,909
Senegal	1,067	851	789	1,272	1,980	2,015	2,231
Sierra Leone	402	534	396	815	1,365	2,474	2,070
Togo	549	494	455	829	985	1,662	1,816
Uganda	1,868	2,665	2,009	2,978	5,296	6,500	5,709
Arab Group	47,112	47,189	53,686	72,284	127,647	146,517	146,113
Algeria	7,075	4,166	4,647	7,937	13,649	19,218	19,556
Bahrain	36	50	58	52	77	98	107
Comoros	199	196	151	285	210	190	
Djibouti	12	14	17	23	38	52	56
Egypt	6,499	10,557	12,432	12,896	29,201	37,908	39,183
Iraq	5,206	764	972	3,440	7,151	8,531	8,746
Jordan	284	248	171	347	790	1,380	1,464
Kuwait	163	114	134	243	521	616	630
Lebanon	109	605	761	766	1,478	1,709	1,714
Libya	2,355	2,117	2,661	1,106	2,008	271	361
Mauritania	745	698	445	615	881	1,188	1,137
Morocco	4,995	5,266	4,616	7,367	12,066	12,872	12,459
Oman	312	396	404	502	811	1,132	1,316
Palestine	241	388	418	253	498	450	424
Qatar	58	80	66	59	148	263	279
Saudi Arabia	6,663	8,374	9,269	10,514	13,946	17,138	17,321
Somalia	701	699	1,123	1,222	567	705	697
Sudan	5,100	4,529	4,662	11,606	23,619	26,300	26,559
Syrian Arab Republic	3,158	3,820	4,864	5,763	11,936	5,863	4,554
Tunisia	1,808	1,914	2,149	2,959	3,319	4,400	3,879
United Arab Emirates	537	1,175	2,361	2,520	2,212	2,654	2,771
Yemen	857	1,018	1,308	1,808	2,523	3,581	2,902
Asian Group	109,205	127,092	113,851	163,188	321,648	370,964	369,907
Afghanistan	1,294	2,126	2,013	2,267	4,156	3,948	4,082
Albania	894	1,353	855	1,517	2,142	2,252	2,366
Azerbaijan	1,770	781	848	1,212	2,910	3,291	2,121
Bangladesh	8,541	9,592	11,194	11,134	19,599	28,838	31,099
Brunei Darussalam	36	59	66	96	100	143	137
Indonesia	21,451	33,457	24,988	36,419	105,179	116,152	125,585
Iran (Islamic Republic of)	12,037	14,422	9,938	14,724	31,657	40,458	40,378
Kazakhstan	10,110	2,534	1,484	3,639	6,678	8,686	6,254
Kyrgyzstan	860	607	468	701	837	939	874
Malaysia	6,699	11,503	8,065	11,859	25,731	25,079	25,666
Maldives	27	42	50	78	146	229	248
Pakistan	13,127	19,933	20,974	26,903	41,303	64,439	64,690
Tajikistan	797	416	216	490	1,105	1,723	1,417
Turkey	25,302	25,532	26,896	45,185	69,672	59,356	53,410
Turkmenistan	1,012	353	1,132	2,628	2,561	3,329	
Uzbekistan	4,926	3,788	4,136	3,791	7,077	11,115	10,808
Guyana	190	339	288	311	373	543	465
Suriname	132	256	239	233	424	445	376
OIC Member Countries Total	186,441	202,023	196,671	305,932	576,650	665,865	649,172
World	1,136,725	1,162,194	1,096,799	1,503,338	2,561,171	3,132,881	3,196,566

Source: World Development Indicator

Annex 3 : Agricultural GDP Share of Member Countries in the OIC, Percentage

Country/Region	1990	1995	2000	2005	2010	2015	2016
African Group	16.16	13.73	14.81	23.03	22.09	22.28	20.51
Benin	0.37	0.25	0.30	0.39	0.27	0.28	0.31
Burkina Faso	0.47	0.37	0.41	0.63	0.51	0.47	0.51
Cameroon	1.32	0.98	0.97	1.03	0.64	0.69	0.76
Chad	0.30	0.26	0.30	0.56	0.96	0.83	0.72
Côte d'Ivoire	1.88	1.35	1.29	1.26	1.06	1.13	1.17
Gabon	0.22	0.18	0.15	0.16	0.10	0.09	0.11
Gambia	0.08	0.08	0.10	0.06	0.05	0.02	0.03
Guinea	0.45	0.72	0.47	0.19	0.21	0.25	0.25
Guinea-Bissau	0.15	0.21	0.08	0.09	0.07	0.07	0.08
Mali	0.60	0.59	0.49	0.64	0.61	0.74	0.83
Mozambique	0.64	0.42	0.51	0.59	0.48	0.51	0.38
Niger	0.47	0.31	0.34	0.47	0.41	0.39	0.46
Nigeria	7.12	5.76	7.55	15.04	15.06	14.91	13.08
Senegal	0.57	0.42	0.40	0.42	0.34	0.30	0.34
Sierra Leone	0.22	0.26	0.20	0.27	0.24	0.37	0.32
Togo	0.29	0.24	0.23	0.27	0.17	0.25	0.28
Uganda	1.00	1.32	1.02	0.97	0.92	0.98	0.88
Arab Group	25.27	23.36	27.30	23.63	22.14	22.00	22.51
Algeria	3.79	2.06	2.36	2.59	2.37	2.89	3.01
Bahrain	0.02	0.02	0.03	0.02	0.01	0.01	0.02
Comoros	0.11	0.10	0.08	0.09	0.04	0.03	
Djibouti	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Egypt	3.49	5.23	6.32	4.22	5.06	5.69	6.04
Iraq	2.79	0.38	0.49	1.12	1.24	1.28	1.35
Jordan	0.15	0.12	0.09	0.11	0.14	0.21	0.23
Kuwait	0.09	0.06	0.07	0.08	0.09	0.09	0.10
Lebanon	0.06	0.30	0.39	0.25	0.26	0.26	0.26
Libya	1.26	1.05	1.35	0.36	0.35	0.04	0.06
Mauritania	0.40	0.35	0.23	0.20	0.15	0.18	0.18
Morocco	2.68	2.61	2.35	2.41	2.09	1.93	1.92
Oman	0.17	0.20	0.21	0.16	0.14	0.17	0.20
Palestine	0.13	0.19	0.21	0.08	0.09	0.07	0.07
Qatar	0.03	0.04	0.03	0.02	0.03	0.04	0.04
Saudi Arabia	3.57	4.15	4.71	3.44	2.42	2.57	2.67
Somalia	0.38	0.35	0.57	0.40	0.10	0.11	0.11
Sudan	2.74	2.24	2.37	3.79	4.10	3.95	4.09
Syrian Arab Republic	1.69	1.89	2.47	1.88	2.07	0.88	0.70
Tunisia	0.97	0.95	1.09	0.97	0.58	0.66	0.60
United Arab Emirates	0.29	0.58	1.20	0.82	0.38	0.40	0.43
Yemen	0.46	0.50	0.66	0.59	0.44	0.54	0.45
Asian Group	58.57	62.91	57.89	53.34	55.78	55.71	56.98
Afghanistan	0.69	1.05	1.02	0.74	0.72	0.59	0.63
Albania	0.48	0.67	0.43	0.50	0.37	0.34	0.36
Azerbaijan	0.95	0.39	0.43	0.40	0.50	0.49	0.33
Bangladesh	4.58	4.75	5.69	3.64	3.40	4.33	4.79
Brunei Darussalam	0.02	0.03	0.03	0.03	0.02	0.02	0.02
Indonesia	11.51	16.56	12.71	11.90	18.24	17.44	19.35
Iran (Islamic Republic of)	6.46	7.14	5.05	4.81	5.49	6.08	6.22
Kazakhstan	5.42	1.25	0.75	1.19	1.16	1.30	0.96
Kyrgyzstan	0.46	0.30	0.24	0.23	0.15	0.14	0.13
Malaysia	3.59	5.69	4.10	3.88	4.46	3.77	3.95
Maldives	0.01	0.02	0.03	0.03	0.03	0.03	0.04
Pakistan	7.04	9.87	10.66	8.79	7.16	9.68	9.97
Tajikistan	0.43	0.21	0.11	0.16	0.19	0.26	0.22
Turkey	13.57	12.64	13.68	14.77	12.08	8.91	8.23
Turkmenistan	0.54	0.17	0.58	0.86	0.44	0.50	
Uzbekistan	2.64	1.87	2.10	1.24	1.23	1.67	1.66
Guyana	0.10	0.17	0.15	0.10	0.06	0.08	0.07
Suriname	0.07	0.13	0.12	0.08	0.07	0.07	0.05
OIC Member Countries Total	100	100	100	100	100	100	100

Source: World Development Indicator

Annex 4: Total GDP/Breakdown at Current Prices in Million US Dollars

Country	1990	1995	2000	2005	2010	2015	2016
African	132,628	109,975	135,739	286,936	535,290	684,214	607,474
Benin	1,993	2,345	2,569	4,804	6,970	8,291	8,573
Burkina Faso	3,133	2,404	2,633	5,463	8,980	10,419	11,449
Cameroon	11,846	8,913	9,287	16,588	26,144	30,916	32,218
Chad	1,834	1,643	1,576	6,681	10,658	10,986	9,412
Côte d'Ivoire	11,893	11,105	10,682	17,085	24,885	33,145	36,375
Gabon	6,039	5,519	5,677	9,579	14,359	14,377	14,014
Gambia	708	786	783	624	952	908	963
Guinea	3,906	5,260	4,269	4,063	6,992	8,858	9,276
Guinea-Bissau	610	800	363	587	851	1,048	1,178
Mali	2,985	3,168	2,954	6,245	10,679	13,100	14,035
Mozambique	3,525	2,572	5,016	7,724	10,154	14,798	11,015
Niger	2,638	1,786	1,727	3,369	5,719	7,251	7,607
Nigeria	68,329	49,030	74,591	180,502	369,062	481,066	404,653
Senegal	6,205	4,873	4,680	8,708	12,949	13,641	14,684
Sierra Leone	879	1,179	861	1,650	2,578	4,219	3,556
Togo	1,789	1,446	1,294	2,110	3,173	4,088	4,389
Uganda	4,316	7,146	6,776	11,154	20,186	27,103	24,079
Arab Group	440,568	519,592	721,120	1,182,638	2,111,383	2,527,251	2,460,131
Algeria	61,751	41,971	54,667	103,198	161,207	165,874	159,049
Bahrain	4,909	6,787	9,063	15,969	25,713	31,126	32,153
Comoros	507	480	419	782	530	566	617
Djibouti	457	510	556	709	1,129	1,634	1,764
Egypt	36,014	65,758	95,684	94,456	218,888	332,698	332,928
Iraq	17,079	3,477	16,898	36,268	138,517	179,640	171,489
Jordan	4,020	6,732	8,461	12,589	26,425	37,517	38,655
Kuwait	18,471	26,554	37,718	80,798	115,419	114,567	110,912
Lebanon	2,950	11,506	16,679	21,490	38,420	49,459	49,599
Libya	31,088	28,292	38,471	45,451	74,773	29,275	32,257
Mauritania	1,623	1,681	1,294	2,184	4,344	4,844	4,739
Morocco	30,320	38,728	38,901	62,545	93,217	100,593	103,606
Oman	11,556	13,650	19,450	31,082	58,642	68,905	66,824
Palestine	1,936	3,283	4,314	4,832	8,913	12,673	13,426
Qatar	7,360	8,041	17,548	43,998	125,122	164,641	152,452
Saudi Arabia	117,474	143,152	189,515	328,461	528,207	654,270	644,936
Somalia	994	1,122	2,052	2,316	1,071	6,631	6,753
Sudan	12,637	12,847	13,092	35,183	65,634	108,063	98,488
Syrian Arab Republic	11,164	13,547	19,666	28,397	60,465	28,378	22,163
Tunisia	13,520	19,795	21,473	32,272	44,051	43,157	42,063
United Arab Emirates	50,701	65,744	104,337	180,617	289,787	358,135	357,045
Yemen	4,036	5,936	10,865	19,041	30,907	34,602	18,213
Asian Group	627,446	837,675	829,307	1,459,657	2,885,871	3,278,824	3,357,477
Afghanistan	3,622	3,236	3,532	6,622	15,937	19,216	19,469
Albania	2,147	2,393	3,488	8,052	11,927	11,387	11,884
Azerbaijan	6,529	3,081	5,273	13,245	52,903	53,074	37,868
Bangladesh	28,137	37,866	45,470	57,628	115,279	195,079	221,415
Brunei Darussalam	3,901	5,245	6,650	10,561	13,707	12,930	11,401
Indonesia	133,858	236,456	175,702	304,372	755,094	860,854	932,256
Iran (Islamic Republic of)	96,364	114,364	109,592	219,846	487,070	385,874	418,977
Kazakhstan	29,716	20,555	18,292	57,124	148,047	184,388	137,278
Kyrgyzstan	2,612	1,492	1,370	2,460	4,794	6,678	6,813
Malaysia	44,025	88,833	93,790	143,534	255,017	296,434	296,536
Maldives	278	562	879	1,120	2,588	4,007	4,223
Pakistan	51,666	77,266	76,866	117,708	177,407	270,556	278,655
Tajikistan	2,844	1,218	861	2,312	5,642	7,853	6,952
Turkey	202,546	227,607	266,560	482,986	771,902	859,797	863,722
Turkmenistan	3,076	2,190	4,932	14,182	22,583	35,800	36,180
Uzbekistan	14,742	13,474	13,759	14,396	39,333	66,904	67,068
Guyana	632	991	1,137	1,315	2,273	3,166	3,504
Suriname	753	844	1,157	2,193	4,368	4,827	3,278
OIC	1,200,642	1,467,242	1,686,166	2,929,232	5,532,545	6,490,289	6,425,082
World	22,805,940	30,754,092	33,181,411	47,166,717	65,956,673	74,842,734	75,936,811

Source: World Development Indicator

Annex 5: Value Added, Agriculture, Forestry and Fishing in the OIC Member Countries at Constant 2010 Prices in Million US Dollars

Country	1990	1995	2000	2005	2010	2015	2016
African Group	41,959	47,588	57,748	93,985	124,701	152,648	158,549
Benin	639	833	1,097	1,356	1,585	1,913	2,031
Burkina Faso	930	1,351	1,896	2,398	2,915	3,043	3,145
Cameroon	2,284	2,164	2,730	3,199	3,678	4,681	5,000
Chad	802	965	1,121	1,726	3,425	3,798	3,570
Côte d'Ivoire	5,207	5,547	6,333	6,465	6,104	7,928	7,990
Gabon	387	461	516	585	556	721	765
Gambia	136	130	189	210	276	210	211
Guinea	558	675	835	997	1,198	1,576	1,639
Guinea-Bissau	237	294	297	350	383	396	389
Mali	712	1,025	1,383	1,888	3,452	5,888	6,289
Mozambique	960	1,070	1,349	1,958	2,777	3,214	3,297
Niger	897	992	1,251	1,665	2,339	2,861	3,158
Nigeria	22,873	26,373	32,274	63,337	86,820	106,137	110,496
Senegal	1,205	1,234	1,519	1,602	1,976	2,163	2,299
Sierra Leone	1,114	857	510	990	1,365	1,615	1,670
Togo	638	714	851	924	1,052	1,119	1,217
Uganda	2,380	2,903	3,597	4,336	4,800	5,385	5,379
Arab Group	64,621	69,099	92,601	111,010	128,267	137,951	141,791
Algeria	4,932	5,997	7,019	10,080	13,649	19,196	19,541
Bahrain	44	60	66	75	77	87	93
Comoros	251	265	287	338	432	605	617
Djibouti	19	22	25	30	38	49	52
Egypt	14,681	17,050	20,154	24,254	28,632	33,103	34,128
Iraq	7,264	3,546	8,075	10,452	7,151	5,320	8,490
Jordan	448	417	332	527	790	810	841
Kuwait	256	198	184	269	520	645	672
Lebanon	465	1,235	1,433	1,407	1,478	1,509	1,222
Libya	1,122	1,234	1,338	1,690	2,008	525	503
Mauritania	612	847	653	697	880	991	877
Morocco	7,541	4,991	6,285	8,798	12,066	14,733	13,543
Oman	398	539	629	666	811	1,007	1,076
Palestine	347	557	532	353	498	397	354
Qatar	85	104	85	85	148	234	253
Saudi Arabia	9,110	10,150	11,185	12,024	13,946	15,932	16,019
Somalia	687	427	429	495	567	630	647
Sudan	5,584	7,646	14,565	16,930	23,619	25,303	26,112
Syrian Arab Republic	6,338	8,799	11,110	13,179	11,936	7,522	7,267
Tunisia	2,066	1,911	2,856	3,094	3,319	4,393	4,591
United Arab Emirates	1,266	1,741	3,378	3,107	2,212	2,243	2,338
Yemen	1,104	1,363	1,979	2,462	3,492	2,719	2,555
Asian Group	203,038	216,473	239,817	279,242	321,972	387,478	394,391
Afghanistan	3,365	4,895	3,276	3,833	4,463	4,505	5,063
Albania	984	1,200	1,491	1,721	2,142	2,458	2,469
Azerbaijan	3,110	1,518	1,848	2,604	2,933	3,605	3,699
Bangladesh	9,865	10,560	13,395	15,151	19,468	23,149	23,794
Brunei Darussalam	55	59	80	113	101	117	112
Indonesia	59,963	69,942	74,829	87,615	105,179	128,880	133,073
Iran (Islamic Republic of)	18,700	23,289	24,256	31,863	31,918	40,304	41,995
Kazakhstan	9,436	5,226	4,664	6,164	6,678	7,881	8,293
Kyrgyzstan	590	458	678	772	837	937	965
Malaysia	17,881	17,681	19,280	22,543	25,731	29,227	29,735
Maldives	61	65	75	107	92	98	106
Pakistan	20,378	24,876	31,458	34,993	40,628	46,317	46,227
Tajikistan	857	455	480	774	1,105	1,474	1,561
Turkey	49,242	50,852	57,062	62,426	69,670	82,908	80,770
Turkmenistan	4,500	1,394	2,468	2,555	3,177	4,869	5,185
Uzbekistan	3,604	3,446	3,897	5,370	7,077	9,843	10,493
Guyana	153	276	297	334	360	439	374
Suriname	294	279	285	304	414	468	478
OIC	309,617	333,160	390,165	484,237	574,939	678,077	694,731
World	1,583,173	1,668,571	1,924,681	2,218,028	2,556,322	2,931,997	3,014,118

Source: FAOSTAT

Annex 6: Total GDP/Breakdown at Constant 2010 Prices in US Dollars

Country	1990	1995	2000	2005	2010	2015	2016
African Group	208,032	226,291	268,133	397,321	532,654	678,395	681,506
Benin	2,921	3,727	4,767	5,773	6,970	8,979	9,428
Burkina Faso	3,038	3,681	5,047	6,872	8,980	11,688	12,379
Cameroon	15,017	14,338	17,771	22,023	26,144	33,558	35,052
Chad	2,646	2,959	3,380	6,743	9,791	11,894	11,490
Côte d'Ivoire	17,391	18,833	22,298	22,299	24,885	34,060	37,041
Gabon	10,009	11,669	11,611	12,189	12,882	16,755	17,288
Gambia	473	524	645	758	952	1,064	1,087
Guinea	3,405	4,122	5,127	5,964	6,853	8,632	9,204
Guinea-Bissau	553	644	665	720	849	981	1,032
Mali	1,596	2,762	4,460	6,457	10,679	15,885	17,135
Mozambique	2,291	2,688	4,635	7,096	10,154	14,308	14,858
Niger	2,828	3,044	3,565	4,445	5,719	7,698	8,086
Nigeria	129,780	139,274	162,347	266,817	369,062	464,282	456,775
Senegal	6,398	6,861	8,653	10,866	12,926	15,790	16,823
Sierra Leone	2,419	1,874	1,098	1,998	2,578	3,164	3,357
Togo	2,510	2,476	2,748	2,898	3,426	4,616	4,847
Uganda	4,757	6,815	9,316	13,403	19,803	25,041	25,623
Arab Group	922,243	1,077,506	1,343,454	1,683,406	2,093,041	2,480,455	2,553,969
Algeria	92,018	93,203	110,437	142,230	161,207	189,797	196,061
Bahrain	9,565	12,142	15,256	19,620	25,713	30,779	31,779
Comoros	679	759	823	922	1,068	1,376	1,438
Djibouti	604	669	686	787	1,067	1,385	1,472
Egypt	81,913	102,915	132,750	159,056	214,630	247,761	258,409
Iraq	59,454	29,296	85,916	88,107	117,138	190,891	211,878
Jordan	9,049	12,246	14,340	19,529	26,425	30,206	30,812
Kuwait	41,273	65,562	73,760	108,938	115,416	139,679	143,113
Lebanon	11,547	20,531	22,043	26,598	38,420	42,070	42,491
Libya	40,825	44,062	47,085	60,808	80,942	23,016	22,331
Mauritania	1,996	2,332	2,701	3,387	4,338	5,549	5,643
Morocco	43,559	45,626	55,050	70,187	93,217	116,062	119,976
Oman	27,056	35,967	41,970	44,279	58,641	71,695	73,886
Palestine	2,946	4,804	6,312	6,983	8,913	11,238	11,701
Qatar	19,128	21,460	36,486	54,006	123,627	164,441	168,097
Saudi Arabia	293,927	349,402	379,223	461,602	528,207	678,730	688,219
Somalia	1,064	732	806	944	1,071	1,218	1,250
Sudan	20,792	26,296	36,124	52,248	69,665	72,150	73,977
Syrian Arab Republic	21,060	31,119	37,217	47,588	60,465	31,435	30,366
Tunisia	18,010	21,771	28,548	35,380	44,051	47,545	48,021
United Arab Emirates	116,698	144,762	198,216	257,284	289,787	367,633	378,796
Yemen	9,080	11,850	17,706	22,923	29,031	15,799	14,254
Asian Group	1,286,166	1,531,135	1,781,739	2,292,453	2,886,072	3,668,231	3,862,931
Afghanistan	8,857	7,011	5,407	10,244	16,078	20,890	21,634
Albania	6,037	5,424	6,933	9,222	11,927	13,035	13,474
Azerbaijan	22,720	9,514	13,373	24,782	52,906	58,132	56,685
Bangladesh	41,278	50,806	65,491	85,320	114,508	155,582	166,649
Brunei Darussalam	9,593	11,205	11,971	13,264	13,707	13,638	13,301
Indonesia	299,904	437,210	453,414	571,205	755,094	988,128	1,037,688
Iran (Islamic Republic of)	227,192	262,362	316,906	403,657	491,099	480,662	545,053
Kazakhstan	96,320	59,128	66,880	109,540	148,047	188,652	190,469
Kyrgyzstan	4,814	2,440	3,205	3,859	4,794	6,062	6,294
Malaysia	81,801	128,614	162,524	204,864	255,018	329,952	344,045
Maldives	572	793	1,183	1,539	2,323	2,955	3,069
Pakistan	78,571	98,511	115,634	147,540	174,508	212,366	224,558
Tajikistan	6,831	2,597	2,599	4,126	5,642	7,547	8,068
Turkey	363,953	426,265	520,931	658,107	771,877	1,087,840	1,122,475
Turkmenistan	13,680	8,644	10,754	13,789	22,583	37,254	39,563
Uzbekistan	20,458	16,593	20,046	26,085	39,333	57,949	62,469
Guyana	1,094	1,541	1,763	1,826	2,259	2,813	2,908
Suriname	2,491	2,478	2,727	3,483	4,368	4,773	4,527
OIC	2,416,441	2,834,932	3,393,325	4,373,180	5,511,767	6,827,081	7,098,406
World	31,085,683	34,537,067	40,895,302	47,166,717	52,652,431	59,567,589	59,567,589

Source: FAOSTAT

Annex 7: Total Population, Thousands

Area Name	1990	1995	2000	2005	2010	2016
African Group	210,741	242,857	277,490	318,553	366,839	434,725
Benin	4,978	5,906	6,866	7,982	9,199	10,872
Burkina Faso	8,811	10,090	11,608	13,422	15,605	18,646
Cameroon	11,715	13,461	15,274	17,421	19,970	23,439
Chad	5,957	7,001	8,343	10,067	11,887	14,453
Côte d'Ivoire	12,268	14,541	16,687	18,336	20,401	23,696
Gabon	952	1,086	1,231	1,403	1,640	1,980
Gambia	917	1,066	1,232	1,444	1,692	2,039
Guinea	6,041	7,871	8,809	9,680	10,794	12,396
Guinea-Bissau	1,012	1,137	1,243	1,381	1,556	1,816
Mali	8,465	9,604	10,968	12,799	15,075	17,995
Mozambique	13,248	15,759	18,068	20,923	24,221	28,829
Niger	8,013	9,477	11,353	13,618	16,426	20,673
Nigeria	95,270	108,011	122,352	138,939	158,578	185,990
Senegal	7,556	8,747	9,884	11,251	12,916	15,412
Sierra Leone	4,312	4,275	4,564	5,658	6,459	7,396
Togo	3,787	4,274	4,970	5,683	6,503	7,606
Uganda	17,439	20,550	24,039	28,544	33,915	41,488
Arab Group	230,504	260,489	290,533	324,374	366,576	418,683
Algeria	25,912	28,904	31,184	33,288	36,118	40,606
Bahrain	496	564	665	889	1,241	1,425
Comoros	412	475	542	612	690	796
Djibouti	590	630	718	783	851	942
Egypt	57,412	63,714	69,906	76,778	84,108	95,689
Iraq	17,469	20,208	23,565	27,008	30,763	37,203
Jordan	3,561	4,573	5,103	5,714	7,182	9,456
Kuwait	2,100	1,611	2,051	2,277	2,998	4,053
Lebanon	2,703	3,033	3,235	3,987	4,337	6,007
Libya	4,437	4,949	5,356	5,793	6,169	6,293
Mauritania	2,030	2,327	2,709	3,131	3,610	4,301
Morocco	24,879	27,075	28,850	30,521	32,410	35,277
Oman	1,812	2,204	2,268	2,511	3,041	4,425
Palestine	1,978	2,475	2,922	3,320	3,811	4,552
Qatar	476	513	592	865	1,780	2,570
Saudi Arabia	16,327	18,736	20,764	23,906	27,426	32,276
Somalia	7,397	7,705	9,011	10,410	12,053	14,318
Sudan	25,916	29,563	33,951	39,021	44,453	51,810
Syrian Arab Republic	12,446	14,345	16,411	18,295	21,019	18,430
Tunisia	8,233	9,114	9,699	10,102	10,640	11,403
United Arab Emirates	1,860	2,449	3,155	4,580	8,271	9,270
Yemen	12,057	15,321	17,875	20,583	23,607	27,584
Asian Group	598,035	660,914	722,438	784,532	846,097	927,839
Afghanistan	12,249	17,100	20,094	25,071	28,803	34,656
Albania	3,287	3,188	3,089	3,011	2,913	2,876
Azerbaijan	7,159	7,685	8,049	8,392	9,054	9,758
Bangladesh	106,189	118,707	131,581	143,431	152,149	162,952
Brunei Darussalam	259	297	333	365	389	423
Indonesia	181,437	196,958	211,540	226,713	242,524	261,115
Iran (Islamic Republic of)	56,226	60,576	66,132	70,422	74,568	80,277
Kazakhstan	16,348	15,816	14,884	15,147	16,322	17,794
Kyrgyzstan	4,391	4,560	4,898	5,163	5,448	6,080
Malaysia	18,038	20,496	23,186	25,659	28,112	31,187
Maldives	223	254	280	319	365	428
Pakistan	107,679	122,829	138,523	153,910	170,560	193,203
Tajikistan	5,284	5,765	6,216	6,854	7,642	8,735
Turkey	53,922	58,486	63,240	67,903	72,327	79,512
Turkmenistan	3,684	4,208	4,516	4,755	5,087	5,663
Uzbekistan	20,510	22,785	24,650	26,167	28,562	31,848
Guyana	743	761	753	751	747	773
Suriname	407	444	472	499	526	558
OIC	1,039,280	1,164,260	1,290,461	1,427,458	1,579,513	1,781,248
World	5,288,103	5,713,794	6,121,683	6,520,299	6,932,870	7,444,157

Source: World Development Indicator

Annex 8: Rural Population, Thousands

Area Name	1990	1995	2000	2005	2010	2016
African Group	151,926	170,251	189,011	208,189	228,906	255,813
Benin	3,262	3,735	4,234	4,791	5,349	6,046
Burkina Faso	7,594	8,563	9,537	10,531	11,600	12,924
Cameroon	7,069	7,730	8,318	8,965	9,682	10,562
Chad	4,717	5,497	6,537	7,872	9,274	11,184
Côte d'Ivoire	7,441	8,549	9,421	9,748	10,087	10,694
Gabon	294	268	245	233	235	250
Gambia	566	604	642	688	740	811
Guinea	4,348	5,551	6,076	6,504	7,032	7,729
Guinea-Bissau	728	766	788	817	852	906
Mali	6,491	7,153	7,858	8,695	9,649	10,674
Mozambique	9,936	11,426	12,810	14,646	16,724	19,458
Niger	6,781	7,982	9,515	11,341	13,541	16,743
Nigeria	66,994	73,226	79,725	84,650	89,628	95,604
Senegal	4,616	5,281	5,896	6,625	7,462	8,620
Sierra Leone	2,878	2,803	2,938	3,574	3,989	4,414
Togo	2,704	2,962	3,335	3,684	4,062	4,529
Uganda	15,507	18,154	21,135	24,824	29,000	34,666
Arab Group	116,656	127,517	139,085	150,929	164,437	180,232
Algeria	12,416	12,719	12,499	12,040	11,729	11,652
Bahrain	59	65	77	103	142	159
Comoros	297	341	390	441	497	570
Djibouti	142	149	168	182	196	213
Egypt	32,451	36,436	39,988	43,743	47,925	54,330
Iraq	5,292	6,309	7,424	8,436	9,526	11,313
Jordan	951	989	1,030	1,076	1,259	1,522
Kuwait	43	32	39	41	52	67
Lebanon	456	460	453	535	556	726
Libya	1,077	1,188	1,267	1,338	1,379	1,337
Mauritania	1,191	1,274	1,375	1,467	1,564	1,701
Morocco	12,840	13,080	13,463	13,696	13,714	13,869
Oman	614	624	645	693	755	970
Palestine	639	737	819	894	986	1,116
Qatar	34	26	22	22	24	18
Saudi Arabia	3,823	3,996	4,184	4,547	4,914	5,380
Somalia	5,203	5,284	6,015	6,750	7,562	8,587
Sudan	19,386	20,927	23,990	27,503	31,281	36,022
Syrian Arab Republic	6,356	7,158	7,886	8,455	9,316	7,730
Tunisia	3,462	3,511	3,547	3,526	3,625	3,758
United Arab Emirates	390	531	624	812	1,319	1,316
Yemen	9,533	11,680	13,180	14,627	16,116	17,878
Asian Group	385,572	408,544	425,439	441,570	452,522	465,157
Afghanistan	10,006	13,721	15,817	19,331	21,692	25,253
Albania	2,089	1,947	1,800	1,604	1,394	1,197
Azerbaijan	3,311	3,673	3,913	3,995	4,219	4,401
Bangladesh	85,152	92,956	100,541	104,979	105,801	105,861
Brunei Darussalam	88	93	96	97	95	95
Indonesia	125,946	125,903	122,689	122,568	121,446	118,896
Iran (Islamic Republic of)	24,554	24,087	23,780	22,846	21,903	20,969
Kazakhstan	7,150	6,971	6,589	6,859	7,552	8,322
Kyrgyzstan	2,732	2,903	3,169	3,341	3,525	3,900
Malaysia	9,056	9,082	8,816	8,572	8,177	7,681
Maldives	166	189	203	211	219	229
Pakistan	74,755	83,725	92,596	100,457	108,139	117,421
Tajikistan	3,611	4,100	4,570	5,042	5,615	6,386
Turkey	21,998	22,153	22,298	21,876	21,181	20,763
Turkmenistan	2,023	2,323	2,443	2,518	2,625	2,809
Uzbekistan	12,271	14,026	15,424	16,570	18,225	20,230
Guyana	523	539	537	538	536	552
Suriname	140	151	159	166	177	190
OIC	654,154	706,311	753,535	800,689	845,864	901,202
World	3,006,048	3,147,133	3,261,086	3,315,558	3,353,513	3,390,862

Source: World Development Indicator

Annex 9: Rural Population, as Percentage of Total Population

Area Name	1990	1995	2000	2005	2010	2016
African Group	72.1	70.1	68.1	65.4	62.4	58.8
Benin	65.5	63.2	61.7	60.0	58.1	55.6
Burkina Faso	86.2	84.9	82.2	78.5	74.3	69.3
Cameroon	60.3	57.4	54.5	51.5	48.5	45.1
Chad	79.2	78.5	78.4	78.2	78.0	77.4
Côte d'Ivoire	60.7	58.8	56.5	53.2	49.4	45.1
Gabon	30.9	24.6	19.9	16.6	14.3	12.6
Gambia	61.7	56.6	52.1	47.7	43.7	39.8
Guinea	72.0	70.5	69.0	67.2	65.1	62.3
Guinea-Bissau	71.9	67.4	63.3	59.1	54.8	49.9
Mali	76.7	74.5	71.6	67.9	64.0	59.3
Mozambique	75.0	72.5	70.9	70.0	69.0	67.5
Niger	84.6	84.2	83.8	83.3	82.4	81.0
Nigeria	70.3	67.8	65.2	60.9	56.5	51.4
Senegal	61.1	60.4	59.7	58.9	57.8	55.9
Sierra Leone	66.7	65.6	64.4	63.2	61.8	59.7
Togo	71.4	69.3	67.1	64.8	62.5	59.5
Uganda	88.9	88.3	87.9	87.0	85.5	83.6
Arab Group	50.6	49.0	47.9	46.5	44.9	43.0
Algeria	47.9	44.0	40.1	36.2	32.5	28.7
Bahrain	11.9	11.6	11.6	11.6	11.5	11.2
Comoros	72.1	71.7	71.9	72.1	72.1	71.6
Djibouti	24.0	23.7	23.5	23.2	23.0	22.6
Egypt	56.5	57.2	57.2	57.0	57.0	56.8
Iraq	30.3	31.2	31.5	31.2	31.0	30.4
Jordan	26.7	21.6	20.2	18.8	17.5	16.1
Kuwait	2.0	2.0	1.9	1.8	1.7	1.6
Lebanon	16.9	15.2	14.0	13.4	12.8	12.1
Libya	24.3	24.0	23.7	23.1	22.4	21.2
Mauritania	58.7	54.7	50.8	46.9	43.3	39.6
Morocco	51.6	48.3	46.7	44.9	42.3	39.3
Oman	33.9	28.3	28.4	27.6	24.8	21.9
Palestine	32.3	29.8	28.0	26.9	25.9	24.5
Qatar	7.2	5.0	3.7	2.6	1.3	0.7
Saudi Arabia	23.4	21.3	20.2	19.0	17.9	16.7
Somalia	70.3	68.6	66.8	64.8	62.7	60.0
Sudan	74.8	70.8	70.7	70.5	70.4	69.5
Syrian Arab Republic	51.1	49.9	48.1	46.2	44.3	41.9
Tunisia	42.1	38.5	36.6	34.9	34.1	33.0
United Arab Emirates	20.9	21.7	19.8	17.7	15.9	14.2
Yemen	79.1	76.2	73.7	71.1	68.3	64.8
Asian Group	64.5	61.8	58.9	56.3	53.5	50.1
Afghanistan	81.7	80.2	78.7	77.1	75.3	72.9
Albania	63.6	61.1	58.3	53.3	47.8	41.6
Azerbaijan	46.3	47.8	48.6	47.6	46.6	45.1
Bangladesh	80.2	78.3	76.4	73.2	69.5	65.0
Brunei Darussalam	34.2	31.4	28.8	26.5	24.5	22.5
Indonesia	69.4	63.9	58.0	54.1	50.1	45.5
Iran (Islamic Republic of)	43.7	39.8	36.0	32.4	29.4	26.1
Kazakhstan	43.7	44.1	44.3	45.3	46.3	46.8
Kyrgyzstan	62.2	63.7	64.7	64.7	64.7	64.1
Malaysia	50.2	44.3	38.0	33.4	29.1	24.6
Maldives	74.2	74.4	72.3	66.3	60.0	53.5
Pakistan	69.4	68.2	66.8	65.3	63.4	60.8
Tajikistan	68.3	71.1	73.5	73.6	73.5	73.1
Turkey	40.8	37.9	35.3	32.2	29.3	26.1
Turkmenistan	54.9	55.2	54.1	53.0	51.6	49.6
Uzbekistan	59.8	61.6	62.6	63.3	63.8	63.5
Guyana	70.4	70.9	71.3	71.7	71.8	71.3
Suriname	34.3	33.9	33.6	33.3	33.7	34.0
OIC	62.9	60.7	58.4	56.1	53.6	50.6
World	56.8	55.1	53.3	50.8	48.4	45.6

Source: World Development Indicator

Annex 10: Employment by Sector, Agriculture, Thousands

Area Name	2000	2005	2010	2015	2016
African Group	57,482	63,217	62,084	72,450	73,713
Benin	1,302	1,500	1,646	1,737	1,771
Burkina Faso	4,008	4,191	3,429	1,809	1,838
Cameroon	3,968	4,594	5,335	5,914	6,056
Chad	2,538	3,050	3,595	4,242	4,448
Côte d'Ivoire	2,970	3,159	3,341	3,731	3,717
Gabon	123	146	175	208	215
Gambia	115	141	160	164	162
Guinea	2,171	2,360	2,649	2,896	2,964
Guinea-Bissau	390	441	505	579	595
Mali	1,286	1,480	2,717	3,724	3,798
Mozambique	5,398	6,017	6,463	6,663	6,861
Niger	3,495	4,114	5,014	5,935	6,134
Nigeria	20,808	20,976	14,332	19,423	19,348
Senegal	1,183	1,202	1,945	2,495	2,554
Sierra Leone	1,044	1,300	1,351	1,399	1,429
Togo	913	1,097	1,106	1,295	1,315
Uganda	5,768	7,449	8,321	10,238	10,509
Arab Group	24,100	26,318	27,507	30,347	30,974
Algeria	1,375	1,698	1,657	1,370	1,365
Bahrain	5	6	8	7	8
Comoros	68	79	91	106	108
Djibouti	90	99	102	107	109
Egypt	5,516	6,546	7,215	6,751	6,825
Iraq	884	1,403	1,776	1,863	1,734
Jordan	49	48	62	73	73
Kuwait	29	31	50	72	76
Lebanon	31	42	35	63	65
Libya	143	147	141	317	324
Mauritania	565	639	733	845	874
Morocco	3,710	4,345	4,228	4,308	4,289
Oman	48	62	69	131	146
Palestine	78	89	93	81	80
Qatar	8	17	20	23	23
Saudi Arabia	374	302	398	748	765
Somalia	1,851	2,066	2,359	2,763	2,859
Sudan	5,327	5,741	5,978	7,602	7,896
Syrian Arab Republic	1,403	1,001	798	855	931
Tunisia	631	627	587	455	472
United Arab Emirates	103	140	43	12	10
Yemen	1,812	1,191	1,064	1,796	1,941
Asian Group	117,897	115,592	120,099	117,063	118,153
Afghanistan	3,752	4,578	4,618	5,620	5,901
Albania	649	584	466	464	467
Azerbaijan	1,293	1,501	1,610	1,678	1,709
Bangladesh	29,841	24,938	26,904	26,225	25,730
Brunei Darussalam	2	2	1	1	1
Indonesia	42,136	43,510	43,230	38,679	38,254
Iran (Islamic Republic of)	3,987	5,373	4,094	4,160	4,277
Kazakhstan	2,441	2,428	2,335	1,578	1,577
Kyrgyzstan	946	804	665	683	625
Malaysia	1,698	1,541	1,681	1,792	1,660
Maldives	15	19	26	16	16
Pakistan	18,709	19,911	24,194	25,872	27,799
Tajikistan	1,111	1,246	1,361	1,524	1,525
Turkey	7,209	5,122	5,341	5,442	5,346
Turkmenistan	459	374	279	217	209
Uzbekistan	3,581	3,595	3,244	3,064	3,013
Guyana	58	55	43	42	40
Suriname	10	11	8	5	5
OIC	199,479	205,128	209,690	219,860	222,840
World	1,019,273	1,003,316	928,155	872,019	866,355

Source: ILO Estimates

Annex 11: Share of Agriculture in Total Employment, Percent

Area Name	2000	2005	2010	2015	2016
African Group	62.96	60.59	51.56	52.10	52.04
Benin	48.27	47.47	45.33	41.82	41.32
Burkina Faso	85.72	81.99	60.88	29.44	28.92
Cameroon	66.76	64.93	64.89	62.35	62.04
Chad	86.94	87.25	86.78	85.94	87.25
Côte d'Ivoire	50.15	50.55	49.54	50.01	48.89
Gabon	43.21	43.31	43.09	41.23	41.30
Gambia	33.17	34.23	32.84	28.44	27.24
Guinea	70.89	70.14	70.25	67.96	67.75
Guinea-Bissau	84.66	84.63	84.47	83.70	83.60
Mali	45.67	44.78	57.45	62.27	61.64
Mozambique	81.50	79.28	77.25	73.56	73.34
Niger	77.05	77.59	77.75	76.09	75.80
Nigeria	57.30	51.15	30.57	36.38	36.30
Senegal	44.39	40.63	53.33	54.00	53.60
Sierra Leone	66.41	65.89	63.72	60.87	60.58
Togo	41.00	42.52	38.36	39.43	38.96
Uganda	70.16	75.30	71.12	71.01	70.40
Arab Group	31.78	29.52	25.55	25.19	25.12
Algeria	21.93	19.96	16.53	13.08	12.74
Bahrain	1.66	1.29	1.09	0.94	0.97
Comoros	55.87	55.84	55.86	55.35	55.23
Djibouti	36.66	36.06	33.20	30.69	30.55
Egypt	29.63	30.94	29.06	25.82	25.57
Iraq	17.31	23.00	23.06	20.30	18.40
Jordan	4.37	3.89	3.72	3.67	3.64
Kuwait	2.94	2.70	3.14	3.35	3.48
Lebanon	3.28	3.41	2.46	3.22	3.20
Libya	9.96	8.67	7.32	16.63	16.81
Mauritania	79.49	77.87	77.28	75.90	76.14
Morocco	43.92	45.48	40.24	38.59	37.74
Oman	6.39	6.78	5.16	5.96	6.27
Palestine	13.70	14.58	12.75	8.65	8.32
Qatar	2.57	3.08	1.50	1.23	1.22
Saudi Arabia	6.12	4.03	4.28	6.10	6.03
Somalia	86.84	86.70	86.41	86.14	86.24
Sudan	58.51	55.26	50.74	55.92	56.35
Syrian Arab Republic	31.91	21.23	15.16	20.78	22.83
Tunisia	23.10	20.82	17.73	13.20	13.67
United Arab Emirates	5.96	4.94	0.76	0.20	0.17
Yemen	49.06	30.07	24.11	34.67	35.96
Asian Group	46.36	40.55	37.63	33.31	32.73
Afghanistan	79.16	71.76	64.50	61.13	61.35
Albania	61.51	53.96	43.90	41.37	40.66
Azerbaijan	41.41	40.52	38.23	36.36	36.34
Bangladesh	64.81	48.08	47.31	42.66	41.14
Brunei Darussalam	1.43	1.00	0.71	0.57	0.58
Indonesia	45.31	44.02	39.15	33.04	31.82
Iran (Islamic Republic of)	24.09	24.75	19.22	18.03	17.98
Kazakhstan	36.12	32.41	28.28	18.01	17.89
Kyrgyzstan	49.72	38.50	29.90	29.31	26.79
Malaysia	18.36	14.64	14.22	12.47	11.37
Maldives	16.51	14.41	15.04	7.97	7.64
Pakistan	48.42	43.07	43.39	41.01	42.27
Tajikistan	60.21	56.68	53.13	51.79	50.74
Turkey	36.00	25.68	23.70	20.41	19.50
Turkmenistan	26.20	19.13	12.64	8.88	8.44
Uzbekistan	39.81	34.69	27.19	22.85	21.95
Guyana	24.21	23.48	17.00	15.22	14.33
Suriname	7.25	6.98	4.23	2.44	2.59
OIC	47.33	42.86	38.32	35.99	35.60
World	39.02	35.24	30.80	27.22	26.73

Source: ILO Estimates

Annex 12: Agricultural Products Total Export Value, Thousand US Dollars

Area Name	2001	2005	2010	2015	2016	2017
African Group	3,528,818	5,302,128	13,704,756	14,437,114	13,717,523	15,104,684
Benin	39,412	70,221	272,326	150,697	116,543	223,368
Burkina Faso	40,926	55,575	137,259	368,762	330,965	161,929
Cameroon	315,900	454,674	1,021,989	1,115,855	1,010,308	1,213,492
Chad	14,271	33,618	88,396	53,722	49,409	54,943
Côte d'Ivoire	2,011,764	2,972,899	5,677,953	7,349,118	6,890,238	8,397,391
Gabon	30,770	67,015	278,242	55,793	32,826	44,628
Gambia	5,734	6,497	27,788	25,840	73,417	18,368
Guinea	11,367	86,690	43,790	97,000		108,022
Guinea-Bissau		22,983	97,312	279,568	347,111	265,319
Mali	72,069	67,014	114,053		283,121	75,773
Mozambique	168,413	255,874	385,950	644,445	523,873	486,730
Niger	104,657	173,112	99,027	122,653	356,043	108,218
Nigeria	3,637		3,837,203	1,543,694	779,634	893,421
Senegal	367,056	433,111	565,376	1,011,769	986,380	1,060,854
Sierra Leone				70,975	441,335	113,809
Togo	41,617	78,712	104,052	163,133	145,058	161,399
Uganda	301,225	524,133	954,040	1,384,090	1,351,262	1,717,020
Arab Group	6,233,788	12,017,866	20,854,518	32,310,270	30,794,520	28,918,829
Algeria	35,474	71,840	325,416	247,009	341,258	370,058
Bahrain	42,788	60,185	309,362	453,652	375,682	273,946
Comoros	7,378	3,252	9,799	40,551	62,079	54,967
Djibouti			76,199	61,550	58,772	91,269
Egypt	450,794	1,001,346	4,911,521	4,990,253	4,957,036	4,959,463
Iraq				134,457	152,817	113,208
Jordan	322,338	647,946	1,125,133	1,566,439	1,266,206	1,242,272
Kuwait	69,476		278,639	554,691	578,525	578,926
Lebanon	201,396	292,769	520,999	738,954	690,072	638,868
Libya			1,160	37,159	40,405	52,252
Mauritania	142,423	174,738	320,260	704,405	733,247	851,470
Morocco	1,604,989	2,574,661	3,648,037	4,583,536	4,987,727	5,602,406
Oman	681,435	503,751	985,534	1,539,104	1,404,311	1,200,448
Palestine	0	0	127,250	265,197	262,201	56,768
Qatar	5,823	42,203	70,450	167,190	79,554	27,266
Saudi Arabia	470,702	1,301,109	3,094,265	3,827,522	3,746,786	4,006,845
Somalia	22,342	174,198	282,528	635,101	555,468	243,103
Sudan	208,230	402,969	475,669	1,692,668	1,342,737	1,499,291
Syrian Arab Republic	1,400,338	906,624	2,469,456	459,256	540,239	480,550
Tunisia	567,862	1,153,462	1,349,651	2,078,827	1,477,013	1,171,655
United Arab Emirates		2,456,035		7,219,357	6,965,209	5,153,140
Yemen		250,778	473,190	313,392	177,176	250,654
Asian Group	19,038,219	40,219,900	87,813,776	88,601,690	93,229,748	97,100,660
Afghanistan			245,149	427,486	475,568	658,481
Albania	27,780	56,063	91,923	168,573	205,804	239,480
Azerbaijan	56,594	327,093	594,050	766,165	526,413	660,893
Bangladesh	337,812	616,781	861,108	965,010	1,078,560	1,058,173
Brunei Darussalam	1,469	3,998	3,771	7,856	43,578	12,406
Indonesia	6,523,989	13,692,141	34,769,300	37,628,347	36,741,033	45,569,285
Iran (Islamic Republic of)	980,522	2,265,789	5,337,189		6,433,534	1,788,224
Kazakhstan	463,813	706,607	1,951,109	2,145,938	2,139,687	2,397,173
Kyrgyzstan	49,950	80,075	195,736	146,336	149,320	239,760
Malaysia	5,931,650	11,402,502	26,300,333	22,897,272	23,051,910	24,662,329
Maldives	44,045	102,881	71,347	140,458	137,583	239,471
Pakistan		2,141,105	3,865,220	4,876,270	4,210,493	4,572,305
Tajikistan				47,214	36,923	73,742
Turkey	4,158,401	7,989,848	12,269,058	17,102,904	16,528,732	17,184,072
Turkmenistan	11,613	18,465	61,310	119,040	160,993	43,057
Uzbekistan	211,039	449,623	742,881	598,902	796,728	778,051
Guyana	213,635	292,906	359,254	501,340	432,487	560,118
Suriname	24,984	73,131	85,036		100,690	126,943
OIC Member Countries Total	28,800,825	57,539,894	122,373,050	135,349,074	137,741,791	141,124,173
World	500,772,579	770,690,533	1,271,776,946	1,499,148,930	1,524,278,199	1,641,466,370

Source: TRADEMAP

Annex 13: Agricultural Products Total Import Value, Thousand US Dollars

Area Name	2001	2005	2010	2015	2016	2017
African Group	4,519,981	5,007,117	13,067,015	16,820,459	15,467,102	17,189,813
Benin	153,013	306,712	881,093	1,085,212	1,316,658	1,720,880
Burkina Faso	121,114	216,595	324,099	432,846	472,919	333,737
Cameroon	308,814	494,964	998,527	1,310,917	1,182,680	1,168,793
Chad	25,899	51,442	155,672	151,844	118,357	94,395
Côte d'Ivoire	552,930	881,286	1,571,805	1,946,814	1,895,108	2,058,074
Gabon	189,933	284,080	455,845	623,822	542,379	511,613
Gambia	56,697	101,747	102,263	157,176	168,201	158,103
Guinea	145,630	266,623	255,580	536,001	0	416,618
Guinea-Bissau	0	57,020	96,577	108,895	156,965	145,865
Mali	144,412	259,147	559,434	0	635,412	529,043
Mozambique	145,971	379,002	441,871	1,031,028	870,846	928,761
Niger	184,600	276,949	386,558	536,377	478,728	310,105
Nigeria	1,793,611	0	4,916,122	6,092,196	4,938,203	5,509,547
Senegal	473,432	1,003,068	1,109,252	1,364,851	1,361,376	1,686,656
Sierra Leone	0	0	0	380,058	320,962	363,373
Togo	84,715	96,244	180,147	287,920	248,606	316,286
Uganda	139,210	332,238	632,170	774,502	759,702	937,964
Arab Group	22,077,463	36,250,691	70,492,172	115,886,561	109,267,202	106,280,648
Algeria	2,646,874	3,998,686	6,818,546	10,181,508	9,145,058	9,513,302
Bahrain	510,003	649,431	1,250,654	1,957,963	1,816,925	1,345,935
Comoros	13,694	29,274	68,889	187,450	144,291	76,771
Djibouti	0	0	532,122	941,698	939,963	832,741
Egypt	3,414,925	4,174,539	10,685,403	15,103,835	11,737,019	14,162,196
Iraq	0	0	0	7,071,626	9,330,443	7,371,128
Jordan	921,910	1,497,403	2,613,141	4,052,460	4,216,628	3,979,785
Kuwait	1,219,986	0	3,545,400	5,162,756	4,749,698	5,165,125
Lebanon	1,297,098	1,425,070	2,892,463	3,395,916	3,337,913	3,148,268
Libya	0	0	2,181,706	3,517,382	3,267,953	2,438,787
Mauritania	70,145	138,577	337,110	537,013	420,119	493,072
Morocco	1,736,667	2,463,583	4,421,253	4,564,607	5,498,383	5,481,043
Oman	1,254,722	1,052,394	2,425,230	3,604,051	3,655,260	2,734,995
Palestine	0	0	907,169	1,445,923	1,540,758	339,842
Qatar	433,570	720,090	2,020,042	3,347,706	3,273,323	2,644,314
Saudi Arabia	4,696,419	8,732,261	16,875,455	23,042,441	19,696,461	19,722,713
Somalia	113,114	309,282	667,060	1,270,971	1,396,075	1,378,871
Sudan	385,569	943,308	3,080,680	2,024,738	2,015,710	2,005,107
Syrian Arab Republic	2,432,682	1,576,737	3,947,617	1,837,443	1,572,562	1,513,422
Tunisia	928,026	1,300,960	2,356,952	2,527,045	2,449,397	2,132,428
United Arab Emirates	0	5,704,802	0	17,057,858	16,460,394	17,149,263
Yemen	0	1,535,283	2,864,575	3,055,105	2,601,773	2,650,786
Asian Group	17,014,916	29,458,729	69,179,652	75,547,592	83,206,175	91,309,371
Afghanistan	0	0	806,080	1,772,212	1,816,784	1,816,157
Albania	267,730	471,345	851,995	780,998	802,973	1,015,042
Azerbaijan	238,837	457,363	1,239,206	1,357,484	1,580,654	1,707,454
Bangladesh	1,510,503	1,974,325	5,717,661	8,723,159	6,409,644	8,209,758
Brunei Darussalam	198,884	266,987	434,440	512,434	501,342	467,380
Indonesia	1,047,272	1,162,116	2,466,574	2,472,073	2,535,095	2,986,654
Iran (Islamic Republic of)	3,378,853	5,228,029	12,643,839	14,749,276	16,876,826	18,100,138
Kazakhstan	2,640,989	3,142,690	9,138,995	36,709	8,968,260	8,294,244
Kyrgyzstan	533,288	1,279,274	2,336,539	3,396,898	3,043,741	3,429,341
Malaysia	554,558	852,568	2,374,281	2,517,099	2,297,211	3,292,558
Maldives	3,969,321	5,995,746	13,085,989	15,454,470	14,537,651	15,162,972
Pakistan	89,798	492,281	1,038,816	1,419,747	1,403,817	1,422,106
Tajikistan	0	2,635,497	4,958,894	5,431,193	6,002,880	6,903,005
Turkey	720,863	1,617,012	3,133,972	3,110,550	3,160,339	3,758,774
Turkmenistan	553	709	2,449	795,841	653,342	518,022
Uzbekistan	1,556,895	3,469,909	7,702,360	11,269,933	11,063,071	12,715,291
Guyana	68,851	144,843	471,729	524,304	504,005	388,003
Suriname	237,721	268,035	775,833	1,223,212	1,048,540	1,122,472
OIC Member Countries Total	43,612,360	70,716,537	152,738,839	208,254,612	207,940,479	214,779,832
World	533,627,140	817,108,029	1,308,433,955	1,543,790,100	1,544,676,566	1,678,235,422

Source: TRADEMAP

Annex 14: Agricultural Products Trade Balance, Thousand US Dollars

Area Name	2001	2005	2010	2015	2016	2017
African Group	-991,163	295,011	637,741	-2,383,345	-1,749,579	-2,085,129
Benin	-113,601	-236,491	-608,767	-934,515	-1,200,115	-1,497,512
Burkina Faso	-80,188	-161,020	-186,840	-64,084	-141,954	-171,808
Cameroon	7,086	-40,290	23,462	-195,062	-172,372	44,699
Chad	-11,628	-17,824	-67,276	-98,122	-68,948	-39,452
Côte d'Ivoire	1,458,834	2,091,613	4,106,148	5,402,304	4,995,130	6,339,317
Gabon	-159,163	-217,065	-177,603	-568,029	-509,553	-466,985
Gambia	-50,963	-95,250	-74,475	-131,336	-94,784	-139,735
Guinea	-134,263	-179,933	-211,790	-439,001		-308,596
Guinea-Bissau		-34,037	735	170,673	190,146	119,454
Mali	-72,343	-192,133	-445,381		-352,291	-453,270
Mozambique	22,442	-123,128	-55,921	-386,583	-346,973	-442,031
Niger	-79,943	-103,837	-287,531	-413,724	-122,685	-201,887
Nigeria	-1,789,974		-1,078,919	-4,548,502	-4,158,569	-4,616,126
Senegal	-106,376	-569,957	-543,876	-353,082	-374,996	-625,802
Sierra Leone				-309,083	120,373	-249,564
Togo	-43,098	-17,532	-76,095	-124,787	-103,548	-154,887
Uganda	162,015	191,895	321,870	609,588	591,560	779,056
Arab Group	-15,843,675	-24,232,825	-49,637,654	-83,576,291	-78,472,682	-77,361,819
Algeria	-2,611,400	-3,926,846	-6,493,130	-9,934,499	-8,803,800	-9,143,244
Bahrain	-467,215	-589,246	-941,292	-1,504,311	-1,441,243	-1,071,989
Comoros	-6,316	-26,022	-59,090	-146,899	-82,212	-21,804
Djibouti			-455,923	-880,148	-881,191	-741,472
Egypt	-2,964,131	-3,173,193	-5,773,882	-10,113,582	-6,779,983	-9,202,733
Iraq				-6,937,169	-9,177,626	-7,257,920
Jordan	-599,572	-849,457	-1,488,008	-2,486,021	-2,950,422	-2,737,513
Kuwait	-1,150,510		-3,266,761	-4,608,065	-4,171,173	-4,586,199
Lebanon	-1,095,702	-1,132,301	-2,371,464	-2,656,962	-2,647,841	-2,509,400
Libya			-2,180,546	-3,480,223	-3,227,548	-2,386,535
Mauritania	72,278	36,161	-16,850	167,392	313,128	358,398
Morocco	-131,678	111,078	-773,216	18,929	-510,656	121,363
Oman	-573,287	-548,643	-1,439,696	-2,064,947	-2,250,949	-1,534,547
Palestine			-779,919	-1,180,726	-1,278,557	-283,074
Qatar	-427,747	-677,887	-1,949,592	-3,180,516	-3,193,769	-2,617,048
Saudi Arabia	-4,225,717	-7,431,152	-13,781,190	-19,214,919	-15,949,675	-15,715,868
Somalia	-90,772	-135,084	-384,532	-635,870	-840,607	-1,135,768
Sudan	-177,339	-540,339	-2,605,011	-332,070	-672,973	-505,816
Syrian Arab Republic	-1,032,344	-670,113	-1,478,161	-1,378,187	-1,032,323	-1,032,872
Tunisia	-360,164	-147,498	-1,007,301	-448,218	-972,384	-960,773
United Arab Emirates		-3,248,767		-9,838,501	-9,495,185	-11,996,123
Yemen		-1,284,505	-2,391,385	-2,741,713	-2,424,597	-2,400,132
Asian Group	2,023,303	10,761,171	18,634,124	13,054,098	10,023,573	5,791,289
Afghanistan			-560,931	-1,344,726	-1,341,216	-1,157,676
Albania	-239,950	-415,282	-760,072	-612,425	-597,169	-775,562
Azerbaijan	-182,243	-130,270	-645,156	-591,319	-1,054,241	-1,046,561
Bangladesh	-1,172,691	-1,357,544	-4,856,553	-7,758,149	-5,331,084	-7,151,585
Brunei Darussalam	-197,415	-262,989	-430,669	-504,578	-457,764	-454,974
Indonesia	5,476,717	12,530,025	32,302,726	35,156,274	34,205,938	42,582,631
Iran (Islamic Republic of)	-2,398,331	-2,962,240	-7,306,650	-14,749,276	-10,443,292	-16,311,914
Kazakhstan	-2,177,176	-2,436,083	-7,187,886	2,109,229	-6,828,573	-5,897,071
Kyrgyzstan	-483,338	-1,199,199	-2,140,803	-3,250,562	-2,894,421	-3,189,581
Malaysia	5,377,092	10,549,934	23,926,052	20,380,173	20,754,699	21,369,771
Maldives	-3,925,276	-5,892,865	-13,014,642	-15,314,012	-14,400,068	-14,923,501
Pakistan	-89,798	1,648,824	2,826,404	3,456,523	2,806,676	3,150,199
Tajikistan		-2,635,497	-4,958,894	-5,383,979	-5,965,957	-6,829,263
Turkey	3,437,538	6,372,836	9,135,086	13,992,354	13,368,393	13,425,298
Turkmenistan	11,060	17,756	58,861	-676,801	-492,349	-474,965
Uzbekistan	-1,345,856	-3,020,286	-6,959,479	-10,671,031	-10,266,343	-11,937,240
Guyana	144,784	148,063	-112,475	-22,964	-71,518	172,115
Suriname	-212,737	-194,904	-690,797	-1,223,212	-947,850	-995,529
OIC Member Countries Total	-14,811,535	-13,176,643	-30,365,789	-72,905,538	-70,198,688	-73,655,659
World	-32,854,561	-46,417,496	-36,657,009	-44,641,170	-20,398,367	-36,769,052

Source: TRADEMAP

Annex 15: The First 15 Products & Partners in OIC's Exports, Thousand US Dollars

	2016	2017		2016	2017
African Group	12,990,271	13,679,190	African Group	12,990,271	13,679,190
Netherlands	1,903,393	2,239,564	Cocoa and cocoa preparations	5,816,729	7,011,465
France	683,946	1,186,585	Edible fruit and nuts	1,761,900	1,931,595
United States of America	1,141,812	1,078,834	Coffee, tea, maté and spices	649,220	864,110
Belgium	971,880	1,010,740	Fish and crustaceans etc.	662,630	678,349
India	677,139	795,184	Oil seeds	528,275	607,478
Germany	657,598	692,881	Tobacco and manufactured tobacco substitutes	602,371	492,388
Spain	367,380	461,340	Animal or vegetable fats and oils	533,846	314,209
Italy	344,660	447,402	Edible vegetables and certain roots and tubers	197,212	237,249
Kenya	317,986	440,312	Cereals	349,629	224,590
United Kingdom	347,013	411,092	Miscellaneous edible preparations	258,222	215,634
Turkey	246,375	368,102	Preparations of meat, of fish	167,561	162,823
China	269,231	358,584	Residues & waste; prepared animal fodder	93,944	150,312
Malaysia	389,290	316,626	Sugars and sugar confectionery	220,525	142,058
Sudan	58,004	287,876	Beverages, spirits and vinegar	170,885	132,450
Indonesia	88,074	237,228	Dairy produce; birds' eggs; natural honey	273,680	126,211
Share of Group's First 15,%	65.2	75.5	Share of Group's First 15,%	94.6	97.2
Arab Group	30,108,327	28,032,286	Arab Group	30,108,327	28,032,286
Saudi Arabia	3,127,191	3,913,078	Edible fruit and nuts; peel of citrus fruit or melons	3,809,847	3,527,591
Oman	1,551,679	1,985,453	Edible vegetables and certain roots and tubers	3,020,878	3,134,208
Spain	1,506,926	1,952,212	Fish and crustaceans etc.	2,604,732	2,946,226
United Arab Emirates	2,105,642	1,678,237	Dairy produce; birds' eggs; natural honey	2,615,475	2,511,978
Kuwait	1,261,418	1,512,412	Animal or vegetable fats and oils	1,906,119	1,937,512
France	1,259,475	1,502,724	Sugars and sugar confectionery	2,194,223	1,719,645
Jordan	875,102	980,624	Preparations of vegetables, fruit, nuts or other parts of plants	1,720,661	1,532,803
Italy	832,918	851,176	Preparations of cereals, flour, starch or milk	1,326,672	1,345,744
Russian Federation	561,001	701,076	Live animals	1,439,622	1,230,176
Qatar	975,763	654,030	Preparations of meat, of fish or of crustaceans	1,028,173	1,071,773
Netherlands	567,424	626,060	Miscellaneous edible preparations	1,343,793	1,064,068
Iraq	1,289,996	604,914	Oil seeds	1,028,996	1,035,070
India	479,112	604,182	Tobacco and manufactured tobacco substitutes	1,573,700	802,372
United States of America	511,046	511,897	Coffee, tea, maté and spices	749,898	789,495
China	305,169	505,779	Residues and waste; prepared animal fodder	680,018	659,652
Share of Group's First 15,%	57.2	66.3	Share of Group's First 15,%	89.8	90.3
Asian Group	84,610,516	88,438,649	Asian Group	84,610,516	88,438,649
India	6,211,178	7,469,272	Animal or vegetable fats and oils	32,075,836	37,672,845
China	6,540,352	7,094,211	Edible fruit and nuts	8,415,588	7,736,573
United States of America	5,378,358	5,953,292	Fish and crustaceans etc.	5,769,288	6,097,769
Netherlands	3,122,923	3,480,810	Preparations of cereals, flour, starch	4,108,943	4,180,154
Singapore	3,367,853	3,323,424	Miscellaneous edible preparations	3,184,267	3,138,230
Iraq	5,323,671	3,138,348	Cocoa and cocoa preparations	3,257,705	2,991,610
Russian Federation	2,244,674	2,945,577	Cereals	2,979,390	2,954,820
Pakistan	2,615,987	2,619,496	Tobacco and manufactured tobacco substitutes	2,647,758	2,608,926
Japan	2,142,700	2,308,951	Coffee, tea, maté and spices	2,755,334	2,591,720
Germany	2,450,886	2,306,286	Preparations of vegetables, fruit, nuts	2,866,070	2,530,003
Italy	2,151,520	2,261,014	Edible vegetables and certain roots & tubers	2,674,899	2,462,789
Philippines	1,780,085	2,155,969	Products of the milling industry	2,221,015	2,024,037
Viet Nam	2,417,092	2,131,589	Sugars and sugar confectionery	1,617,218	1,880,230
Malaysia	1,922,561	1,944,839	Beverages, spirits and vinegar	1,739,917	1,856,343
Spain	1,281,251	1,654,246	Dairy produce; birds' eggs; natural honey	2,124,397	1,657,427
Share of Group's First 15,%	57.9	57.4	Share of Group's First 15,%	92.7	93.2
First 15 Total	74,624,734	79,703,528		117,767,061	120,982,710
OIC	127,709,114	130,150,125		127,709,114	130,150,125
World	1,424,336,910	1,522,034,328		1,424,336,910	1,522,034,328

Source: TRADEMAP- Table includes the agricultural and food products excl agricultural raw materials

Annex 16: The First 15 Products & Partners in OIC's Imports, Thousand US Dollars

	2016	2017		2016	2017
African Group	14,772,300	16,491,425	African Group	14,772,300	16,491,425
India	1,232,546	1,388,479	Cereals	4,867,614	5,758,639
France	1,329,975	1,331,530	Fish and crustaceans etc.	1,588,237	1,481,211
Thailand	1,255,339	1,289,749	Sugars and sugar confectionery	1,287,745	1,407,731
Brazil	1,207,644	1,083,713	Animal or vegetable fats and oils	1,180,063	1,378,903
United States of America	709,929	888,942	Preparations of cereals, flour, starch	737,652	1,171,473
China	572,353	885,005	Dairy produce; birds' eggs; natural honey	823,452	924,438
Netherlands	713,030	854,978	Miscellaneous edible preparations	748,510	803,866
Russian Federation	496,901	609,847	Beverages, spirits and vinegar	631,135	692,465
Malaysia	450,715	535,433	Tobacco and manufactured tobacco substitutes	553,170	498,878
Indonesia	396,279	503,869	Products of the milling industry	490,303	441,645
South Africa	514,955	456,066	Meat and edible meat offal	449,232	436,649
Germany	317,064	381,541	Preparations of vegetables, fruit, nuts	255,866	287,260
Argentina	173,263	364,497	Edible vegetables and certain roots & tubers	324,141	277,716
Senegal	355,941	357,204	Residues and waste; prepared animal fodder	240,716	243,287
Canada	331,786	340,257	Coffee, tea, maté and spices	153,552	177,850
Share of Group's First 15,%	68.1	68.3	Share of Group's First 15,%	97.0	96.9
Arab Group	107,451,593	104,163,739	Arab Group	107,451,593	104,163,739
Brazil	8,165,261	10,147,562	Dairy produce; birds' eggs; natural honey	17,681,266	18,869,255
India	7,245,855	7,492,885	Meat and edible meat offal	9,792,134	9,160,884
Turkey	6,445,247	6,339,045	Sugars and sugar confectionery	8,386,066	8,355,382
United States of America	5,546,977	6,072,063	Animal or vegetable fats and oils	6,287,776	7,549,394
Argentina	4,674,104	5,279,363	Edible fruit and nuts	6,475,962	7,114,191
France	4,755,324	4,296,475	Preparations of cereals, flour, starch	7,264,396	6,045,420
Russian Federation	2,475,909	4,044,482	Edible vegetables and certain roots and tubers	5,883,475	5,135,932
United Arab Emirates	5,999,008	3,557,739	Miscellaneous edible preparations	5,485,436	4,767,007
Ukraine	3,187,389	3,520,725	Tobacco and manufactured tobacco substitutes	4,979,733	4,552,326
Netherlands	2,676,751	3,024,854	Coffee, tea, maté and spices	4,958,052	4,267,118
Saudi Arabia	3,248,342	3,024,500	Oil seeds and oleaginous fruits; miscellaneous grains	4,136,558	4,225,768
Egypt	3,059,464	2,621,705	Residues and waste ; prepared animal fodder	3,608,636	3,809,097
Germany	2,976,521	2,576,396	Preparations of vegetables, fruit, nuts	4,045,803	3,586,659
Australia	2,380,998	2,427,655	Live animals	4,001,513	3,199,546
Spain	2,398,771	2,383,377	Beverages, spirits and vinegar	3,227,008	2,893,671
Share of Group's First 15,%	60.7	64.1	Share of Group's First 15,%	89.5	89.8
Asian Group	73,894,492	80,123,166	Asian Group	73,894,492	80,123,166
Brazil	5,736,333	7,381,875	Cereals	11,004,878	12,028,527
United States of America	5,201,552	6,192,224	Animal or vegetable fats and oils	8,735,162	9,440,650
Russian Federation	5,282,940	5,991,371	Oil seeds and oleaginous fruits; miscellaneous grains	6,608,449	7,297,416
China	4,707,916	5,236,611	Residues and waste; prepared animal fodder	6,386,799	6,906,784
Indonesia	4,192,575	4,883,034	Sugars and sugar confectionery	5,450,453	6,261,061
Australia	4,171,193	4,740,449	Edible vegetables and certain roots and tubers	4,406,524	4,453,268
India	3,244,761	4,283,843	Edible fruit and nuts	4,026,355	4,173,882
Argentina	3,738,488	3,935,567	Dairy produce; birds' eggs; natural honey	3,034,012	3,388,033
Thailand	3,062,728	3,591,316	Miscellaneous edible preparations	3,149,639	3,376,184
Ukraine	2,731,759	3,021,395	Meat and edible meat offal	2,320,128	2,918,219
Malaysia	2,613,743	2,936,095	Cocoa and cocoa preparations	2,705,664	2,853,401
Canada	2,351,437	2,022,446	Coffee, tea, maté and spices	2,506,828	2,711,040
Kazakhstan	1,530,522	1,670,228	Tobacco and manufactured tobacco substitutes	2,420,142	2,507,680
New Zealand	1,359,714	1,574,563	Preparations of cereals, flour, starch	2,134,517	2,374,010
Netherlands	1,501,610	1,281,711	Live animals	1,549,230	2,072,894
Share of Group's First 15,%	69.6	73.3	Share of Group's First 15,%	89.9	90.8
First 15 Total	126,720,912	136,822,664		176,983,982	182,276,710
OIC	196,118,385	200,778,330		196,118,385	200,778,330
World	1,430,402,615	1,545,144,397		1,430,402,615	1,545,144,397

Source: TRADEMAP- Table includes the agricultural and food products excl. agricultural raw materials

Annex 17: Land Use in the OIC Member Countries (2015)- Area 1000 Ha

Area Name	Land Area	Agricultural Area	Arable Land	Permanent Crops	Permanent Meadows and Pastures
African Group	768,156	356,715	104,060	17,463	235,192
Benin	11,276	3,750	2,700	500	550
Burkina Faso	27,360	12,100	6,000	100	6,000
Cameroon	47,271	9,750	6,200	1,550	2,000
Chad	125,920	49,935	4,900	35	45,000
Côte d'Ivoire	31,800	20,600	2,900	4,500	13,200
Gabon	25,767	5,160	325	170	4,665
Gambia	1,012	605	440	5	160
Guinea	24,572	14,500	3,100	700	10,700
Guinea-Bissau	2,812	1,630	300	250	1,080
Mali	122,019	41,201	6,411	150	34,640
Mozambique	78,638	49,950	5,650	300	44,000
Niger	126,670	45,682	16,800	100	28,782
Nigeria	91,077	70,800	34,000	6,500	30,300
Senegal	19,253	8,868	3,200	68	5,600
Sierra Leone	7,218	3,949	1,584	165	2,200
Togo	5,439	3,820	2,650	170	1,000
Uganda	20,052	14,415	6,900	2,200	5,315
Arab Group	1,362,141	508,152	59,516	8,432	437,443
Algeria	238,174	41,456	7,462	1,000	32,994
Bahrain	77	9	2	3	4
Comoros	186	133	65	53	15
Djibouti	2,318	1,702	2		1,700
Egypt	99,545	3,820	2,896	924	
Iraq	43,432	9,269	5,034	235	4,000
Jordan	8,878	1,057	228	86	742
Kuwait	1,782	149	8	6	136
Lebanon	1,023	658	132	126	400
Libya	175,954	15,350	1,720	330	13,300
Mauritania	103,070	39,711	450	11	39,250
Morocco	44,630	30,592	8,130	1,462	21,000
Oman	30,950	1,469	38	31	1,400
Palestine	602	298	64	84	150
Qatar	1,161	66	13	3	50
Saudi Arabia	214,969	173,647	3,502	145	170,000
Somalia	62,734	44,125	1,100	25	43,000
Sudan	237,600	96,719	19,823	168	73,968
Syrian Arab Republic	18,363	13,921	4,662	1,071	8,188
Tunisia	15,536	10,073	2,900	2,332	4,841
United Arab Emirates	8,360	382	38	40	305
Yemen	52,797	23,546	1,248	298	22,000
Asian Group	1,048,652	533,331	146,548	37,100	349,683
Afghanistan	65,286	37,910	7,765	145	30,000
Albania	2,740	1,174	615	81	478
Azerbaijan	8,266	4,770	1,938	237	2,595
Bangladesh	13,017	9,194	7,764	830	600
Brunei Darussalam	527	14	5	6	3
Indonesia	181,157	57,000	23,500	22,500	11,000
Iran (Islamic Republic of)	162,876	45,953	14,687	1,789	29,477
Kazakhstan	269,970	216,992	29,395	132	187,465
Kyrgyzstan	19,180	10,557	1,281	75	9,201
Malaysia	32,855	7,839	954	6,600	285
Maldives	30	8	4	3	1
Pakistan	77,088	36,252	30,440	812	5,000
Tajikistan	13,879	4,745	730	140	3,875
Turkey	76,963	38,546	20,645	3,284	14,617
Turkmenistan	46,993	33,838	1,940	60	31,838
Uzbekistan	42,540	26,770	4,400	370	22,000
Guyana	19,685	1,680	420	30	1,230
Suriname	15,600	88	65	6	17
OIC Member Countries Total	3,178,949	1,398,198	310,124	62,996	1,022,318
World	13,008,983	4,868,990	1,425,919	164,831	3,275,480

Source: FAOSTAT

Annex 18: Cereals Total Production, Tonnes

Area Name	1990	1995	2000	2005	2010	2016
African Group	31,992,550	40,420,642	40,440,391	52,523,922	62,889,085	69,641,028
Benin	545,898	734,332	993,383	1,151,853	1,333,436	1,814,289
Burkina Faso	1,517,900	2,307,988	2,279,247	3,649,533	4,560,546	4,736,594
Cameroon	816,296	1,179,863	1,275,033	1,873,821	3,011,835	3,963,302
Chad	601,390	907,316	930,038	1,824,463	3,247,583	2,873,660
Côte d'Ivoire	1,241,131	1,321,407	1,285,904	1,424,903	1,961,771	2,577,746
Gabon	23,664	29,451	26,900	35,393	40,852	45,660
Gambia	90,331	98,755	176,100	205,572	363,552	231,150
Guinea	1,061,616	1,351,036	1,800,810	2,290,039	2,861,146	3,425,886
Guinea-Bissau	167,269	200,531	177,884	212,538	256,350	224,655
Mali	1,771,419	2,188,973	2,310,196	3,398,743	5,338,937	8,849,690
Mozambique	738,050	1,126,497	1,587,548	1,142,170	2,802,582	1,712,121
Niger	2,135,448	2,246,328	2,126,435	3,667,083	5,234,226	5,778,293
Nigeria	17,678,000	22,512,600	21,370,000	26,031,000	24,647,407	25,035,578
Senegal	977,080	1,186,701	1,025,921	1,432,831	1,767,822	1,977,006
Sierra Leone	563,100	407,600	222,472	824,691	1,144,783	1,650,615
Togo	483,958	591,264	740,520	833,289	1,045,866	1,263,405
Uganda	1,580,000	2,030,000	2,112,000	2,526,000	3,270,391	3,481,378
Arab Group	36,963,120	37,055,263	35,778,680	52,695,192	48,208,466	46,991,191
Algeria	1,627,035	2,139,705	934,656	3,527,824	4,211,354	3,445,000
Bahrain						
Comoros	18,655	20,810	19,724	22,235	29,267	40,100
Djibouti	10	10	11	9	14	14
Egypt	13,022,243	16,097,252	20,105,573	22,423,470	19,464,743	24,214,077
Iraq	3,454,800	2,540,110	904,480	3,708,150	4,362,383	4,048,469
Jordan	129,010	98,821	57,133	102,406	87,266	104,030
Kuwait	1,830	1,961	7,996	10,078	20,303	26,859
Lebanon	77,358	100,385	122,800	177,240	111,980	184,509
Libya	272,536	146,428	221,780	233,600	244,188	229,673
Mauritania	103,443	221,695	179,707	170,771	278,409	320,644
Morocco	6,275,864	1,783,230	1,996,649	4,279,541	7,834,475	3,561,411
Oman	5,140	18,997	23,258	26,999	18,164	17,782
Palestine		65,775	67,842	68,387	26,936	44,287
Qatar	3,135	4,256	7,215	7,094	2,665	1,377
Saudi Arabia	4,136,772	2,668,863	2,167,394	3,006,637	1,565,155	1,049,527
Somalia	580,925	284,917	392,408	356,317	355,813	142,356
Sudan	1,729,000	3,305,200	3,259,000	6,243,000	3,562,350	3,816,000
Syrian Arab Republic	3,100,767	6,094,155	3,512,791	5,631,256	3,900,866	3,624,547
Tunisia	1,654,847	647,544	1,122,050	2,135,428	1,113,825	1,324,335
United Arab Emirates	2,877	4,972	3,976	2,520	5,365	3,629
Yemen	766,873	810,177	672,237	562,230	1,012,945	792,565
Asian Group	150,379,830	178,918,230	202,974,305	236,523,202	259,731,251	295,294,081
Afghanistan	2,705,000	3,242,117	1,940,000	5,425,000	5,957,000	5,535,220
Albania	897,000	645,400	565,800	511,200	693,800	698,430
Azerbaijan		909,592	1,496,226	2,056,186	1,928,779	2,965,310
Bangladesh	27,746,673	27,704,115	39,503,000	41,146,756	51,862,850	56,388,892
Brunei Darussalam	930	508	299	851	1,072	1,674
Indonesia	51,912,780	57,990,042	61,575,000	66,674,990	84,797,028	97,667,060
Iran (Islamic Republic of)	13,683,863	17,191,141	12,877,642	21,914,453	19,597,231	17,307,791
Kazakhstan		9,476,320	11,539,396	13,750,260	12,115,916	20,410,625
Kyrgyzstan		911,080	1,550,090	1,621,549	1,510,265	1,764,017
Malaysia	1,919,984	2,170,271	2,205,800	2,389,000	2,512,432	2,317,255
Maldives	7	11	100	120	164	205
Pakistan	20,957,200	25,036,450	30,460,700	33,507,800	34,811,258	43,075,694
Tajikistan		242,350	544,994	902,912	1,382,559	1,367,078
Turkey	30,201,369	28,168,560	32,240,094	36,464,200	32,764,875	35,276,615
Turkmenistan		1,102,050	1,751,000	3,035,000	1,535,230	1,800,000
Uzbekistan		3,382,600	4,107,900	6,534,570	7,473,500	7,901,599
Guyana	158,740	529,300	452,569	424,365	560,571	538,450
Suriname	196,284	216,323	163,695	163,990	226,721	278,166
OIC	219,335,500	256,394,135	279,193,376	341,742,316	370,828,802	411,926,300
World	1,951,726,485	1,899,283,855	2,058,631,973	2,266,202,021	2,466,501,240	2,848,661,914

Source: FAOSTAT

Annex 19: Oilcrops Primary Production, Tonnes

Area Name	1990	1995	2000	2005	2010	2014
African Group	3,084,413	3,704,437	4,478,658	5,722,992	6,259,260	5,995,755
Benin	67,021	93,140	123,830	136,913	140,533	181,824
Burkina Faso	83,963	89,500	85,966	154,473	213,790	324,816
Cameroon	237,427	217,049	263,639	397,422	576,055	539,013
Chad	58,813	114,728	146,256	183,237	147,930	346,715
Côte d'Ivoire	359,696	366,048	379,136	354,690	470,823	512,452
Gabon	9,586	12,913	12,924	13,007	9,143	10,005
Gambia	26,400	27,278	47,304	37,491	46,819	29,116
Guinea	87,138	120,134	141,773	164,636	170,702	174,205
Guinea-Bissau	17,830	18,686	20,904	21,757	26,396	28,887
Mali	105,051	112,642	116,682	186,405	178,954	224,997
Mozambique	105,641	128,921	123,868	140,071	157,517	146,614
Niger	5,936	35,618	40,938	63,264	169,047	155,429
Nigeria	1,480,674	1,887,108	2,399,169	3,250,848	3,073,785	2,669,235
Senegal	223,170	250,206	329,483	241,155	407,480	226,644
Sierra Leone	70,799	71,154	51,759	81,618	89,721	100,147
Togo	36,942	41,532	39,313	42,331	51,500	57,179
Uganda	108,326	117,780	155,714	253,674	329,065	268,477
Arap Group	990,186	1,177,109	1,466,198	1,548,095	1,755,995	2,166,024
Algeria	66,332	38,564	59,977	81,664	84,366	116,216
Bahrain						
Comoros	8,511	9,413	9,879	12,070	11,141	13,038
Djibouti						
Egypt	146,377	205,811	217,532	230,780	222,207	240,162
Iraq	36,443	37,013	18,555	34,103	19,888	15,025
Jordan	14,051	14,300	29,636	24,917	37,819	34,275
Kuwait	3	2	1	9	12	12
Lebanon	16,080	14,841	44,075	18,560	46,730	28,959
Libya	19,280	41,460	42,300	46,935	46,200	46,551
Mauritania	1,562	1,725	1,692	1,065	1,220	1,036
Morocco	164,333	104,138	108,740	187,739	371,834	369,741
Oman						
Palestine	0	0	8,898	31,476	18,727	21,644
Qatar						
Saudi Arabia	1,877	2,213	3,068	3,335	2,372	3,246
Somalia	22,012	13,543	12,507	26,906	32,148	16,029
Sudan	138,550	444,240	453,200	342,718	379,011	1,047,790
Syrian Arab Republic	164,129	170,748	317,405	258,600	272,694	111,520
Tunisia	185,762	71,757	127,936	236,719	196,007	88,378
United Arab Emirates						
Yemen	4,884	7,341	10,797	10,499	13,619	12,402
Asian Group	13,870,818	19,038,758	25,529,363	36,586,782	50,085,535	61,838,979
Afghanistan	25,436	27,070	25,748	29,489	20,202	24,149
Albania	11,678	9,263	9,359	7,684	16,647	22,529
Azerbaijan		23,732	13,431	30,649	16,014	21,375
Bangladesh	148,664	160,619	130,900	126,710	144,452	181,908
Brunei Darussalam	16	17	22	47	44	51
Indonesia	4,961,790	7,470,484	10,401,746	16,433,040	27,635,581	35,766,836
Iran (Islamic Republic of)	94,431	91,321	109,016	234,761	233,833	239,186
Kazakhstan		82,063	91,078	210,879	296,412	570,411
Kyrgyzstan		14,415	29,837	47,261	31,989	25,264
Malaysia	7,116,121	9,079,614	12,437,075	16,904,880	19,090,728	22,050,808
Maldives	1,651	1,544	2,037	2,215	554	56
Pakistan	671,285	763,964	842,625	1,103,693	984,767	1,062,000
Tajikistan		39,115	31,248	42,488	32,228	40,574
Turkey	830,921	744,695	978,231	918,943	1,177,170	1,425,589
Turkmenistan		124,800	108,800	104,800	72,160	62,240
Uzbekistan		393,150	305,576	378,427	320,998	333,358
Guyana	5,482	10,236	11,208	9,781	10,367	10,741
Suriname	3,343	2,656	1,426	1,035	1,389	1,904
OIC	17,945,417	23,920,304	31,474,219	43,857,869	58,100,790	70,000,758
World	75,527,682	91,923,944	110,216,374	141,674,771	172,537,248	203,560,362

Source: FAOSTAT

Annex 20: Fruit Primary, Total Production, Tonnes

Area Name	1990	1995	2000	2005	2010	2016
African Group	20,829,887	25,064,618	26,999,320	28,865,602	28,629,024	30,562,224
Benin	180,662	180,663	194,060	266,386	433,534	382,317
Burkina Faso	69,831	75,126	78,458	83,084	94,196	101,949
Cameroon	1,766,896	2,457,278	2,056,415	3,285,747	4,950,545	6,177,683
Chad	106,423	109,031	113,098	112,616	117,266	121,475
Côte d'Ivoire	1,569,720	2,043,744	2,347,112	2,281,844	2,170,081	2,252,201
Gabon	240,001	258,464	294,369	294,377	306,560	309,950
Gambia	3,517	4,954	6,211	7,208	8,473	9,814
Guinea	856,803	979,346	1,009,589	1,120,843	1,206,109	1,275,456
Guinea-Bissau	61,403	68,984	75,321	83,484	95,955	107,057
Mali	351,008	437,093	522,990	618,169	1,240,759	1,385,850
Mozambique	381,400	336,700	290,768	399,226	646,776	883,516
Niger	43,800	48,281	138,281	281,800	512,205	610,184
Nigeria	6,382,000	7,853,535	9,321,463	9,671,363	10,762,880	11,739,688
Senegal	167,637	365,350	241,716	387,874	436,946	512,951
Sierra Leone	153,028	156,507	170,429	209,718	237,639	274,424
Togo	46,358	44,484	48,390	52,700	59,900	68,146
Uganda	8,449,400	9,645,078	10,090,650	9,709,163	5,349,200	4,349,563
Arab Group	20,878,675	23,717,622	28,721,204	34,470,802	38,652,638	43,450,975
Algeria	1,242,788	1,819,995	2,216,430	3,906,166	5,751,101	6,290,209
Bahrain	10,298	21,608	22,097	18,336	20,200	19,564
Comoros	51,132	59,019	62,615	68,700	62,012	48,648
Djibouti	2,091	3,207	3,612	3,714	4,148	4,535
Egypt	6,041,133	7,454,444	9,551,821	11,021,450	12,313,120	15,862,828
Iraq	2,395,630	2,505,698	2,590,150	1,701,914	1,536,714	1,194,399
Jordan	380,308	347,007	307,769	412,745	476,147	537,846
Kuwait	3,863	7,355	13,205	25,074	37,734	108,129
Lebanon	1,263,000	1,434,760	924,200	1,004,825	852,511	878,420
Libya	535,644	573,968	555,927	598,099	649,035	661,889
Mauritania	15,623	35,428	27,000	25,439	24,753	26,125
Morocco	2,774,284	2,337,889	3,318,381	3,852,508	4,297,040	4,904,870
Oman	208,050	262,530	359,353	321,930	382,421	415,289
Palestine		293,123	251,151	194,167	87,237	106,032
Qatar	13,004	18,529	23,143	22,818	24,510	30,165
Saudi Arabia	1,315,803	1,636,138	1,569,073	2,161,661	2,155,020	2,048,971
Somalia	318,160	223,165	208,821	214,084	208,082	207,990
Sudan	783,100	1,047,720	1,451,856	3,141,295	3,200,650	3,400,664
Syrian Arab Republic	1,657,812	1,762,444	2,134,338	2,455,092	2,753,720	2,645,934
Tunisia	1,150,254	1,049,540	1,379,843	1,590,262	1,704,393	2,031,104
United Arab Emirates	186,225	296,452	975,152	792,217	858,968	712,398
Yemen	530,473	527,603	775,267	938,306	1,253,122	1,314,966
Asian Group	38,954,130	51,177,638	53,706,023	71,545,805	75,456,608	88,563,354
Afghanistan	758,270	781,406	867,932	934,923	1,360,299	2,598,649
Albania	244,782	288,825	391,665	455,290	634,378	811,848
Azerbaijan		725,912	788,471	1,092,698	1,250,376	1,456,043
Bangladesh	1,444,520	1,487,405	1,440,000	3,098,830	3,917,826	4,276,550
Brunei Darussalam	5,048	4,956	5,214	6,158	6,536	6,907
Indonesia	5,569,903	10,871,326	8,710,401	15,261,368	15,634,651	18,524,178
Iran (Islamic Republic of)	11,056,074	11,701,698	13,813,310	19,320,713	17,829,473	19,415,179
Kazakhstan		328,401	685,090	986,167	1,352,659	2,417,096
Kyrgyzstan		110,300	253,472	243,954	354,893	446,334
Malaysia	1,178,638	1,302,097	1,333,615	1,322,382	1,202,850	1,275,312
Maldives	6,350	11,730	9,560	10,497	6,891	4,691
Pakistan	4,595,834	5,957,952	5,902,443	6,941,856	7,079,338	6,860,608
Tajikistan		361,100	375,462	409,130	831,492	1,137,379
Turkey	13,966,926	14,975,475	16,629,300	18,450,775	19,229,237	21,743,289
Turkmenistan		394,000	482,000	661,000	692,966	767,983
Uzbekistan		1,715,387	1,866,500	2,207,180	3,880,000	6,549,084
Guyana	50,249	66,570	75,369	53,682	61,190	166,088
Suriname	77,536	93,098	76,219	89,202	131,553	106,136
OIC	80,662,692	99,959,878	109,426,547	134,882,209	142,738,270	162,576,553
World	401,610,031	470,817,207	576,104,166	661,124,884	753,330,692	865,876,405

Source: FAOSTAT

Annex 21: Vegetables Primary, Total Production, Tonnes

Area Name	1990	1995	2000	2005	2010	2016
African Group	8,521,080	10,785,370	14,239,867	18,376,239	21,001,110	27,665,145
Benin	214,645	266,366	278,305	329,507	302,253	718,375
Burkina Faso	229,116	241,767	238,820	242,947	270,596	288,004
Cameroon	526,600	687,067	1,212,461	1,467,458	2,038,323	2,947,703
Chad	74,465	100,844	96,445	98,333	102,303	105,353
Côte d'Ivoire	591,000	601,769	582,907	664,731	642,522	663,638
Gabon	30,000	32,966	35,389	37,419	42,881	49,653
Gambia	8,810	8,000	9,000	10,406	11,361	12,825
Guinea	440,139	501,838	499,681	561,274	563,507	555,698
Guinea-Bissau	21,000	23,500	25,130	26,389	32,156	34,691
Mali	296,290	882,237	899,355	998,004	1,204,218	1,748,926
Mozambique	201,000	147,630	115,282	250,871	449,650	754,287
Niger	363,512	489,147	841,501	1,114,955	1,194,539	2,996,661
Nigeria	4,672,719	5,916,523	8,282,346	11,115,881	12,094,532	14,263,679
Senegal	89,471	77,620	258,558	290,591	509,098	741,012
Sierra Leone	188,113	187,000	182,000	264,000	305,905	352,524
Togo	158,700	145,156	136,401	141,273	143,688	143,206
Uganda	415,500	475,940	546,286	762,200	1,093,578	1,288,910
Arab Group	21,796,764	25,630,848	31,862,909	36,813,859	42,200,165	41,681,877
Algeria	1,300,588	2,246,286	1,783,772	3,011,333	4,116,876	6,297,619
Bahrain	9,661	12,164	10,538	7,275	15,456	15,426
Comoros	5,125	5,919	6,420	4,277	5,027	5,076
Djibouti	21,085	21,886	24,653	26,941	31,349	35,201
Egypt	7,822,884	8,797,644	12,568,379	14,406,872	16,773,785	16,802,185
Iraq	2,390,100	2,372,200	2,677,500	3,200,427	3,058,553	838,738
Jordan	680,692	803,660	799,222	1,251,413	1,416,268	1,758,155
Kuwait	100,649	111,945	186,116	261,355	334,009	359,898
Lebanon	725,000	981,410	813,400	726,200	870,644	771,201
Libya	481,560	531,220	652,790	606,381	652,181	667,573
Mauritania	4,000	3,524	3,815	4,000	4,410	4,540
Morocco	2,252,158	1,907,009	2,537,003	3,598,843	4,379,591	3,607,956
Oman	150,900	164,400	176,616	176,526	302,651	332,907
Palestine		505,086	553,392	594,746	441,236	647,046
Qatar	21,785	42,389	50,979	18,404	41,352	30,687
Saudi Arabia	1,689,256	1,734,080	1,166,071	1,395,531	1,279,608	1,154,375
Somalia	58,500	50,184	61,862	81,157	96,031	107,054
Sudan	1,047,500	1,414,750	1,949,050	2,568,004	2,637,446	2,644,232
Syrian Arab Republic	1,380,635	1,594,250	1,529,933	2,120,412	2,368,171	1,746,296
Tunisia	1,096,862	1,258,131	1,709,747	1,825,263	2,541,670	3,003,833
United Arab Emirates	239,673	696,766	2,124,839	431,560	187,833	257,425
Yemen	318,151	375,945	476,812	496,939	646,018	594,454
Asian Group	28,890,560	40,228,086	48,049,091	57,857,137	67,312,803	82,483,692
Afghanistan	377,600	735,693	789,287	1,027,246	863,023	1,460,626
Albania	316,000	399,500	376,831	451,000	604,658	832,970
Azerbaijan		77,214	765,901	1,165,164	1,225,124	1,264,198
Bangladesh	1,234,114	1,390,105	1,723,000	2,471,290	3,472,597	5,091,726
Brunei Darussalam	6,200	9,329	13,807	12,422	10,276	8,107
Indonesia	4,455,118	6,563,259	6,580,460	7,838,948	9,398,266	10,830,826
Iran (Islamic Republic of)	6,502,463	5,868,916	8,463,932	11,241,618	14,006,112	14,293,813
Kazakhstan		779,750	1,487,510	2,207,723	2,577,467	3,781,683
Kyrgyzstan		318,713	747,042	736,873	812,302	1,075,277
Malaysia	303,200	403,832	398,846	521,713	852,193	1,140,602
Maldives	3,352	3,103	2,989	2,460	2,509	2,735
Pakistan	2,526,490	3,565,876	4,427,637	4,715,230	4,608,150	4,914,378
Tajikistan		491,500	344,042	718,160	1,114,633	1,843,144
Turkey	13,126,020	16,471,921	18,841,662	20,628,962	20,655,850	24,401,231
Turkmenistan		376,000	347,200	549,500	676,141	787,461
Uzbekistan		2,725,047	2,645,097	3,517,924	6,347,100	10,538,733
Guyana	16,850	24,546	74,720	31,969	73,223	186,498
Suriname	23,153	23,782	19,128	18,935	13,179	29,684
OIC	59,208,404	76,644,304	94,151,867	113,047,235	130,514,078	151,830,714
World	418,772,929	512,537,367	682,433,258	779,824,712	921,521,796	1,075,203,877

Source: FAOSTAT

Annex 22: Beef and Buffalo Meat Production, Tonnes

Area Name	1990	1995	2000	2005	2010	2016
African Group	750,837	826,319	959,040	1,197,741	1,296,573	1,500,857
Benin	15,400	15,400	25,653	29,971	34,085	39,763
Burkina Faso	56,754	62,146	68,615	111,745	123,374	131,552
Cameroon	72,380	73,000	93,000	94,000	81,910	84,703
Chad	73,245	62,692	73,740	81,600	94,836	100,693
Côte d'Ivoire	31,043	36,990	33,232	29,612	34,264	31,837
Gabon	924	1,016	1,115	1,571	1,135	1,117
Gambia	3,120	3,342	3,469	3,936	4,080	4,034
Guinea	15,478	28,578	34,378	41,016	61,600	83,473
Guinea-Bissau	3,300	3,982	4,510	5,247	6,353	6,914
Mali	71,500	54,080	56,312	107,679	143,676	174,801
Mozambique	14,250	13,500	12,000	6,148	8,103	15,476
Niger	55,000	62,000	118,000	170,000	134,998	163,062
Nigeria	204,273	266,861	279,000	305,610	307,436	370,324
Senegal	42,600	43,750	46,157	47,196	61,079	66,611
Sierra Leone	5,220	7,004	6,489	7,210	10,094	10,652
Togo	5,200	5,578	6,620	8,200	9,250	11,577
Uganda	81,150	86,400	96,750	147,000	180,300	204,268
Arab Group	1,060,841	1,301,130	1,556,314	1,773,026	2,045,399	2,403,455
Algeria	89,500	100,600	132,600	120,000	126,126	149,134
Bahrain	800	684	896	875	1,020	1,029
Comoros	945	1,005	1,012	1,100	1,243	1,236
Djibouti	2,243	3,278	6,050	5,170	6,050	6,147
Egypt	304,000	533,000	570,000	707,000	855,653	849,112
Iraq	54,065	43,337	47,775	48,080	56,010	40,986
Jordan	2,500	3,900	6,500	7,530	12,299	26,287
Kuwait	1,375	602	806	728	2,004	1,919
Lebanon	9,585	17,685	57,600	61,467	45,764	55,384
Libya	24,000	21,600	8,200	7,600	13,400	7,642
Mauritania	17,010	9,600	21,000	25,200	25,787	29,428
Morocco	144,890	122,100	140,000	157,000	192,000	257,799
Oman	2,665	3,454	3,936	4,810	14,950	26,483
Palestine		10,670	13,921	5,228	5,810	8,464
Qatar	202	246	540	300	576	523
Saudi Arabia	28,000	26,000	21,600	22,400	44,000	44,004
Somalia	46,200	49,500	61,600	67,650	59,180	57,686
Sudan	218,171	224,750	296,000	350,000	343,000	558,000
Syrian Arab Republic	32,352	33,910	47,255	55,411	62,215	67,749
Tunisia	39,000	43,700	52,000	45,800	55,800	59,400
United Arab Emirates	5,385	10,875	15,325	7,050	15,000	20,661
Yemen	37,953	40,634	51,698	72,627	107,512	134,382
Asian Group	1,835,885	3,268,564	3,244,736	3,674,749	4,809,882	6,083,592
Afghanistan	86,400	130,000	126,000	141,100	131,000	103,349
Albania	22,000	30,800	35,900	40,800	40,800	38,880
Azerbaijan		54,951	78,425	95,909	112,361	130,984
Bangladesh	142,834	151,216	176,500	188,000	194,084	199,892
Brunei Darussalam	1,815	1,251	3,358	2,213	824	397
Indonesia	303,500	359,462	385,795	396,757	472,364	561,096
Iran (Islamic Republic of)	220,560	264,920	289,000	363,000	362,351	571,541
Kazakhstan		548,200	306,300	348,300	406,817	430,600
Kyrgyzstan		84,700	100,622	90,850	97,712	102,689
Malaysia	15,177	16,919	17,501	29,396	46,510	50,232
Maldives						
Pakistan	667,000	847,000	886,000	1,004,000	1,485,000	1,815,495
Tajikistan		32,000	14,800	26,700	28,642	32,014
Turkey	372,149	298,545	358,683	323,258	621,971	988,659
Turkmenistan		51,000	72,000	103,000	140,004	159,215
Uzbekistan		392,000	390,000	518,100	665,300	894,579
Guyana	2,200	3,800	1,900	2,028	2,260	2,036
Suriname	2,250	1,800	1,952	1,338	1,882	1,934
OIC	3,647,563	5,396,013	5,760,090	6,645,516	8,151,854	9,987,904
World	55,296,249	55,300,958	58,674,474	62,384,897	66,710,023	69,799,812

Source: FAOSTAT

Annex 23: Meat, Poultry Production, Tonnes

Area Name	1990	1995	2000	2005	2010	2016
African Group	373,666	396,618	415,396	527,209	666,424	780,604
Benin	10,800	10,800	12,240	13,255	10,335	13,670
Burkina Faso	19,163	22,470	26,469	30,882	37,280	49,122
Cameroon	16,960	21,200	21,200	53,200	68,000	81,680
Chad	3,780	4,828	5,307	5,586	5,985	6,197
Côte d'Ivoire	24,180	24,180	22,088	22,521	34,899	46,758
Gabon	2,560	3,200	3,760	3,760	3,760	3,888
Gambia	835	1,100	960	975	1,200	1,469
Guinea	2,250	2,955	4,176	5,570	7,771	11,899
Guinea-Bissau	686	798	1,357	1,684	2,035	2,779
Mali	23,680	25,600	29,200	34,400	41,600	66,645
Mozambique	27,240	30,474	32,850	20,753	41,994	79,060
Niger	9,168	10,120	10,976	11,708	16,400	18,110
Nigeria	174,000	169,000	160,000	218,750	245,000	212,335
Senegal	12,700	17,460	23,239	29,042	45,451	62,207
Sierra Leone	8,624	8,673	5,484	4,873	14,014	21,450
Togo	7,400	7,360	12,000	17,600	28,400	38,200
Uganda	29,640	36,400	44,090	52,650	62,300	65,135
Arab Group	1,485,678	1,759,239	2,459,106	2,906,420	3,439,361	4,028,536
Algeria	194,260	208,365	244,020	270,360	274,820	294,412
Bahrain	3,413	5,031	5,777	5,050	6,260	7,006
Comoros	416	464	512	560	568	584
Djibouti						
Egypt	261,502	389,773	591,762	664,636	851,133	1,179,897
Iraq	192,283	37,000	74,000	85,000	52,812	87,000
Jordan	50,032	107,740	119,043	133,165	187,722	187,173
Kuwait	28,716	25,899	32,964	37,821	37,831	56,727
Lebanon	56,000	58,000	105,000	122,400	80,000	52,063
Libya	65,000	102,800	98,540	98,800	118,800	128,106
Mauritania	3,840	3,840	4,080	4,440	4,464	4,744
Morocco	164,200	197,000	267,000	388,000	612,500	681,615
Oman	2,960	3,880	4,320	5,840	5,944	6,537
Palestine		48,560	73,873	69,090	43,580	43,440
Qatar	2,923	3,817	4,209	5,308	8,120	10,403
Saudi Arabia	265,250	310,000	483,700	537,700	575,684	634,026
Somalia	3,224	3,120	3,200	3,680	3,520	3,793
Sudan	21,616	25,000	26,000	30,500	38,000	85,081
Syrian Arab Republic	63,262	88,864	110,190	165,275	192,000	120,623
Tunisia	51,894	70,460	116,870	132,000	160,700	228,500
United Arab Emirates	15,852	22,470	27,312	33,600	40,800	47,961
Yemen	39,035	47,156	66,734	113,195	144,103	168,845
Asian Group	1,984,547	3,082,982	3,599,008	5,108,944	7,222,792	9,709,092
Afghanistan	12,400	12,320	13,200	32,320	28,000	24,479
Albania	6,700	3,900	4,000	9,000	17,000	12,702
Azerbaijan		14,300	17,188	34,664	64,470	95,517
Bangladesh	89,357	117,481	129,900	168,000	203,200	242,586
Brunei Darussalam	3,093	4,241	11,904	15,635	20,910	27,386
Indonesia	508,700	875,700	817,740	1,147,060	1,565,600	2,147,207
Iran (Islamic Republic of)	389,900	649,850	814,700	1,248,700	1,677,825	2,138,214
Kazakhstan		53,000	33,300	45,700	102,979	143,253
Kyrgyzstan		2,662	4,643	5,381	4,064	7,897
Malaysia	384,900	706,737	714,270	964,000	1,263,563	1,671,402
Maldives						
Pakistan	160,705	312,550	331,680	388,680	711,940	1,142,781
Tajikistan		600	100	200	1,054	3,768
Turkey	415,000	298,203	668,333	983,462	1,478,803	1,933,446
Turkmenistan		4,000	6,000	14,000	19,500	20,616
Uzbekistan		16,000	16,000	21,300	27,000	57,161
Guyana	2,100	7,318	11,800	22,699	24,900	32,163
Suriname	11,692	4,120	4,250	8,143	11,984	8,514
OIC	3,843,891	5,238,839	6,473,510	8,542,573	11,328,577	14,518,232
World	40,997,366	55,292,184	68,637,928	81,325,013	99,270,799	120,301,673

Source: FAOSTAT

Annex 24: Sheep and Goat Meat Production, Tonnes

Area Name	1990	1995	2000	2005	2010	2016
African Group	413,352	502,275	682,453	807,392	934,539	909,221
Benin	5,657	5,765	6,432	7,165	8,177	12,358
Burkina Faso	28,433	33,568	38,913	44,577	51,676	60,767
Cameroon	26,940	27,718	31,900	32,080	36,609	32,684
Chad	16,980	23,691	30,468	35,440	45,382	61,951
Côte d'Ivoire	9,904	10,785	10,391	11,703	12,020	12,405
Gabon	801	900	960	1,219	1,004	1,114
Gambia	992	839	688	1,405	1,540	1,079
Guinea	3,520	5,772	7,878	10,963	15,412	21,051
Guinea-Bissau	1,162	1,430	1,598	1,716	2,348	2,519
Mali	46,197	45,023	65,675	83,215	118,435	149,551
Mozambique	10,356	18,144	25,380	25,188	20,160	16,198
Niger	46,576	52,884	63,752	82,608	73,265	43,059
Nigeria	164,650	222,227	336,624	394,048	458,155	386,002
Senegal	20,290	23,159	23,632	28,239	33,379	43,332
Sierra Leone	1,367	1,330	1,138	1,446	3,505	4,941
Togo	7,705	3,268	7,104	9,540	10,781	13,509
Uganda	21,822	25,772	29,920	36,840	42,691	46,701
Arab Group	1,011,004	1,292,062	1,537,068	1,714,935	1,799,847	2,079,023
Algeria	142,405	178,450	176,350	191,283	221,418	290,088
Bahrain	6,855	9,017	7,099	10,920	16,740	17,228
Comoros	415	434	433	453	474	477
Djibouti	4,074	4,405	4,534	4,547	4,534	4,537
Egypt	82,000	116,000	124,000	138,000	128,122	122,906
Iraq	35,827	30,554	31,080	30,956	53,600	56,005
Jordan	10,900	12,000	13,468	15,317	17,168	26,347
Kuwait	17,130	38,171	34,355	44,770	37,106	46,099
Lebanon	8,710	10,518	8,546	10,972	13,550	13,081
Libya	28,800	36,376	30,150	36,600	44,925	43,739
Mauritania	20,565	21,165	34,200	39,300	43,800	46,533
Morocco	121,835	132,000	147,000	137,000	162,000	190,762
Oman	15,275	16,625	17,650	27,550	34,740	49,812
Palestine		15,320	15,679	27,397	14,795	13,258
Qatar	10,842	10,118	6,494	8,856	10,720	15,771
Saudi Arabia	82,673	87,536	98,200	105,500	98,300	127,378
Somalia	88,270	57,200	67,600	92,300	81,900	84,670
Sudan	104,647	236,913	383,000	470,000	476,000	516,000
Syrian Arab Republic	119,781	136,570	188,770	186,969	166,125	174,600
Tunisia	46,300	54,000	63,200	64,000	59,400	58,980
United Arab Emirates	25,560	50,700	38,420	25,900	45,100	58,300
Yemen	38,140	37,990	46,840	46,345	69,330	122,452
Asian Group	1,515,310	2,213,236	2,013,505	2,083,940	2,096,494	2,482,698
Afghanistan	144,992	133,600	169,700	133,500	157,200	152,247
Albania	12,000	18,300	19,500	20,900	21,000	26,300
Azerbaijan		23,000	34,984	41,894	74,280	75,254
Bangladesh	75,170	107,000	131,600	158,400	195,008	213,519
Brunei Darussalam	13	50	39	66	69	52
Indonesia	90,000	94,283	78,300	97,931	113,658	114,827
Iran (Islamic Republic of)	337,500	376,800	435,666	432,000	371,515	393,634
Kazakhstan		205,800	95,100	106,600	142,944	169,178
Kyrgyzstan		54,100	43,105	46,374	50,432	72,025
Malaysia	790	671	888	1,460	2,387	4,461
Maldives						
Pakistan	484,000	683,000	467,000	532,000	434,000	466,359
Tajikistan		11,300	12,900	26,900	39,240	55,694
Turkey	370,000	372,000	374,000	315,000	273,900	423,610
Turkmenistan		49,500	70,500	96,500	120,008	136,147
Uzbekistan		83,000	79,400	73,600	100,000	178,539
Guyana	765	780	780	780	820	829
Suriname	80	52	43	35	33	23
OIC	2,939,666	4,007,573	4,233,026	4,606,267	4,830,880	5,470,942
World	9,700,135	10,520,285	11,599,349	12,746,006	13,526,201	14,931,865

Source: FAOSTAT

Annex 25: Total Fisheries Production, Metric Tons

Area Name	1990	1995	2000	2005	2010	2015
African Group	1,426,472	1,628,143	1,881,073	2,313,949	2,853,634	3,276,017
Benin	38,234	44,379	32,324	31,847	40,155	37,747
Burkina Faso	7,006	8,000	8,505	9,065	14,800	21,030
Cameroon	70,848	94,188	112,159	142,747	181,570	225,955
Chad	70,000	90,000	83,200	77,000	91,030	100,154
Côte d'Ivoire	95,100	70,575	81,520	43,531	56,937	68,000
Gabon	20,002	40,476	48,384	43,941	32,822	33,045
Gambia	21,662	23,699	29,021	34,960	46,649	56,003
Guinea	44,001	67,864	91,513	109,238	113,689	126,250
Guinea-Bissau	5,400	6,328	6,315	6,983	6,584	6,700
Mali	70,548	133,000	109,900	101,008	102,083	94,880
Mozambique	31,197	27,411	41,530	85,778	163,419	287,720
Niger	3,354	3,651	16,265	50,058	40,070	27,300
Nigeria	316,328	366,101	467,095	579,537	817,516	1,027,058
Senegal	315,161	366,372	436,109	399,902	409,795	426,650
Sierra Leone	56,556	64,895	74,760	143,023	200,075	202,175
Togo	15,800	12,221	22,297	27,756	27,635	21,555
Uganda	245,275	208,983	220,176	427,575	508,805	513,795
Arab Group	1,606,025	2,111,050	2,571,908	3,267,636	3,733,629	4,383,264
Algeria	90,603	106,248	113,511	126,628	95,223	97,279
Bahrain	8,105	9,393	11,730	11,858	13,493	15,006
Comoros	11,251	13,109	12,003	10,738	63,447	12,674
Djibouti	360	350	800	1,571	1,590	2,012
Egypt	312,952	407,117	724,408	889,302	1,304,795	1,518,944
Iraq	24,229	30,808	22,512	43,949	39,668	52,099
Jordan	412	595	1,119	1,071	1,027	1,758
Kuwait	4,454	8,706	7,354	5,222	6,683	4,549
Lebanon	1,510	4,385	4,066	4,611	4,580	4,663
Libya	24,804	34,448	50,009	37,783	50,116	26,012
Mauritania	66,000	56,147	114,456	304,877	276,238	403,776
Morocco	575,362	858,884	916,713	1,041,467	1,144,394	1,371,281
Oman	119,783	139,861	120,421	157,544	164,054	257,192
Palestine	..	1,229	2,623	1,824	1,979	3,503
Qatar	5,702	4,271	7,140	13,946	13,796	15,213
Saudi Arabia	42,618	48,388	55,084	74,796	91,519	98,130
Somalia	22,695	32,400	24,150	25,000	30,000	30,000
Sudan	31,734	45,003	54,010	60,608	73,358	74,528
Syrian Arab Republic	5,775	11,639	13,369	16,980	15,247	6,600
Tunisia	85,237	84,216	96,224	111,756	98,603	133,442
United Arab Emirates	95,129	105,884	105,456	87,325	79,808	73,790
Yemen	77,310	107,970	114,750	238,780	164,011	180,813
Asian Group	6,581,329	8,572,252	10,187,317	12,411,537	18,958,346	30,731,752
Afghanistan	1,400	1,600	1,300	1,450	2,050	2,150
Albania	15,016	1,720	3,635	6,473	7,636	9,473
Azerbaijan	41,665	11,061	18,937	9,501	2,081	1,129
Bangladesh	846,144	1,109,462	1,661,384	2,215,957	3,035,101	3,684,245
Brunei Darussalam	2,354	4,822	2,600	3,163	2,851	4,353
Indonesia	3,243,345	4,388,520	5,152,262	6,827,210	11,700,000	22,400,000
Iran (Islamic Republic of)	269,076	368,297	424,541	522,328	663,684	983,897
Kazakhstan	86,978	50,350	37,433	37,744	47,051	41,191
Kyrgyzstan	1,309	392	110	46	379	1,099
Malaysia	1,009,617	1,249,960	1,461,223	1,434,097	2,018,700	2,003,019
Maldives	80,225	104,754	119,373	186,274	122,804	127,352
Pakistan	479,077	540,697	626,554	515,472	594,566	644,659
Tajikistan	3,887	384	253	193	1,207	1,626
Turkey	384,986	652,585	582,383	546,063	653,646	670,873
Turkmenistan	44,895	11,409	12,296	15,026	15,026	15,030
Uzbekistan	26,763	13,808	8,958	6,700	10,732	59,852
Guyana	36,922	48,130	49,492	53,978	45,676	36,976
Suriname	7,670	14,301	24,583	29,862	35,156	44,827
OIC	9,613,826	12,311,445	14,640,298	17,993,122	25,545,608	38,391,032
World	102,874,756	124,928,828	136,488,432	151,518,162	166,876,014	199,741,129

Source: World Development Indicator

Annex 26: Capture Fisheries Production, Metric Tons

Area Name	1990	1995	2000	2005	2010	2015
African Group	1,418,685	1,610,568	1,852,521	2,241,947	2,520,400	2,828,532
Benin	38,234	44,379	32,324	31,497	39,791	36,477
Burkina Faso	7,000	8,000	8,500	9,000	14,520	20,750
Cameroon	70,742	94,131	112,109	142,345	150,000	224,000
Chad	70,000	90,000	83,200	77,000	91,000	100,000
Côte d'Ivoire	95,000	70,189	80,323	42,665	55,094	64,000
Gabon	20,000	40,437	47,826	43,863	32,692	33,000
Gambia	21,602	23,699	29,016	34,955	46,624	55,968
Guinea	44,000	67,860	91,513	109,138	113,504	126,000
Guinea-Bissau	5,400	6,328	6,315	6,983	6,584	6,700
Mali	70,535	132,900	109,870	100,000	100,000	92,480
Mozambique	31,182	27,375	41,530	83,996	162,555	286,587
Niger	3,318	3,616	16,250	50,018	40,000	27,000
Nigeria	308,981	349,482	441,377	523,182	616,981	710,331
Senegal	315,154	366,312	436,005	399,848	409,715	425,437
Sierra Leone	56,536	64,870	74,730	142,993	200,000	202,100
Togo	15,778	12,201	22,277	27,706	27,535	21,497
Uganda	245,223	208,789	219,356	416,758	413,805	396,205
Arab Group	1,535,503	2,023,077	2,211,079	2,676,910	2,749,010	3,105,490
Algeria	90,196	105,879	113,160	126,260	93,463	96,405
Bahrain	8,105	9,389	11,718	11,855	13,490	15,000
Comoros	11,251	13,109	12,003	10,738	63,517	12,674
Djibouti	360	350	800	1,571	1,590	2,012
Egypt	251,036	335,302	384,315	349,554	385,210	344,113
Iraq	22,629	28,208	20,767	26,008	19,348	27,296
Jordan	95,129	105,884	105,456	86,735	79,610	73,000
Kuwait	352	425	550	510	486	873
Lebanon	4,454	8,616	6,978	4,895	6,373	4,288
Libya	1,430	4,085	3,666	3,798	3,400	3,638
Mauritania	24,734	34,408	49,969	37,395	50,006	26,002
Morocco	66,000	56,147	114,456	304,877	276,238	403,776
Oman	574,947	856,812	914,824	1,039,210	1,143,652	1,369,931
Palestine	119,783	139,861	120,421	157,326	163,927	257,022
Qatar	..	1,229	2,623	1,814	1,699	3,227
Saudi Arabia	5,702	4,271	7,140	13,935	13,760	15,203
Somalia	40,630	45,692	49,080	60,421	65,145	68,130
Sudan	22,695	32,400	24,150	25,000	30,000	30,000
Syrian Arab Republic	31,500	44,003	53,010	59,008	71,358	70,008
Tunisia	3,046	5,782	6,572	8,447	6,637	4,100
United Arab Emirates	84,214	83,256	94,671	109,153	96,240	118,792
Yemen	77,310	107,970	114,750	238,400	163,861	160,000
Asian Group	5,648,084	7,298,456	8,228,019	8,859,331	10,203,800	11,547,262
Afghanistan	1,100	1,300	1,000	1,000	1,000	1,000
Albania	10,055	1,380	3,328	5,000	5,132	6,280
Azerbaijan	40,449	10,545	18,797	9,001	1,081	568
Bangladesh	653,552	792,389	1,004,264	1,333,866	1,726,586	1,623,837
Brunei Darussalam	2,348	4,719	2,487	2,709	2,351	3,370
Indonesia	2,643,521	3,645,428	4,158,535	4,692,601	5,377,655	6,565,350
Iran (Islamic Republic of)	241,929	339,661	383,991	410,567	443,650	637,779
Kazakhstan	77,528	48,402	36,620	37,621	46,827	41,489
Kyrgyzstan	327	185	52	26	27	31
Malaysia	956,698	1,117,215	1,293,325	1,218,263	1,437,457	1,496,054
Maldives	80,225	104,754	119,373	186,274	122,804	127,352
Pakistan	469,036	525,849	614,069	434,850	453,264	491,990
Tajikistan	284	100	167	167	690	1,176
Turkey	379,204	630,978	503,352	426,496	485,925	431,909
Turkmenistan	42,485	9,740	12,228	15,000	15,000	15,000
Uzbekistan	4,801	3,611	3,306	2,900	4,078	22,954
Guyana	36,872	47,900	48,887	53,370	45,188	36,558
Suriname	7,670	14,300	24,238	29,620	35,085	44,565
OIC	8,602,272	10,932,101	12,291,619	13,778,188	15,473,210	17,481,283
World	86,024,297	93,696,572	94,763,863	93,697,963	88,855,994	93,736,945

Source: World Development Indicator

Annex 27: Fish and Fisheries Apparent Consumption , Average 2011-2013

Area Name	Production	Non-Food Uses	Imports	Exports	Food Supply	Per Capita Supply
	Tonnes	Tonnes	Tonnes	Tonnes	Tonnes	Kg/Year
African Group	3,011,046	7,048	2,313,621	349,621	5,030,545	13.0
Benin	39,248	0	95,007	1,323	132,933	13.2
Burkina Faso	18,736	0	96,028	3,091	111,673	6.8
Cameroon	137,730	0	213,964	2,862	348,832	16.1
Chad	60,000	0	842	104	60,738	4.9
Côte d'Ivoire	79,923	0	318,053	63,422	334,557	16.9
Gabon	34,101	1	23,818	774	57,144	35.0
Gambia	40,462	0	4,609	3,365	41,707	23.3
Guinea	115,020	0	3,093	10,281	107,831	9.4
Guinea-Bissau	6,550	0	780	4,679	2,690	1.6
Mali	94,664	7,047	24,954	1,024	111,547	9.3
Mozambique	210,204	0	38,617	13,244	235,576	9.3
Niger	53,258	0	3,261	1,962	54,557	3.2
Nigeria	926,442	0	1,417,370	51,005	2,355,307	14.0
Senegal	453,027	0	12,416	137,793	327,652	23.9
Sierra Leone	202,878	0	1,947	5,868	198,958	33.3
Togo	24,142	0	56,526	946	79,723	12.0
Uganda	514,661	0	2,336	47,878	469,120	12.9
Arab Group	3,748,138	414,096	1,517,403	967,899	3,942,795	10.8
Algeria	104,816	59	50,533	1,538	153,751	4.0
Bahrain	9,918	0	12,098	10,898	13,318	10.1
Comoros	38,218	27,750	1,575	0	12,043	16.8
Djibouti	1,845	0	1,173	12	3,007	3.5
Egypt	1,396,183	0	415,911	17,332	1,794,762	22.2
Iraq	64,954	0	42,399	224	107,129	3.3
Jordan	1,075	53	40,828	3,411	38,439	5.5
Kuwait	4,543	62	42,940	482	46,939	14.5
Lebanon	5,091	6	46,989	917	51,157	11.0
Libya	30,240	0	76,610	441	106,409	17.3
Mauritania	276,238	120,500	4,640	125,936	35,392	9.3
Morocco	1,126,118	196,070	61,694	451,848	540,509	16.6
Oman	158,723	16,500	33,221	98,970	81,474	24.7
Palestine	1,507	0	6,163	377	7,293	1.7
Qatar	12,131	256	36,843	2,600	47,031	23.0
Saudi Arabia	88,934	161	302,157	33,362	357,568	12.6
Somalia	30,000	0	2,532	1,365	31,167	3.1
Sudan	35,980	0	0	0	35,980	1.0
Syrian Arab Republic	11,233	0	49,528	57	60,706	2.8
Tunisia	117,418	12	61,858	34,384	145,647	13.4
United Arab Emirates	75,562	41,667	203,969	63,692	212,974	23.3
Yemen	157,411	11,000	23,742	120,053	60,100	2.5
Asian Group	16,324,634	1,095,845	1,030,217	2,243,915	14,046,575	16.2
Afghanistan	2,050	0	0	0	2,050	0.1
Albania	7,079	0	16,718	7,252	16,545	5.2
Azerbaijan	1,578	0	18,829	335	20,072	2.2
Bangladesh	3,256,571	28,337	25,170	89,582	3,172,822	20.5
Brunei Darussalam	4,196	653	14,993	1,195	17,344	42.0
Indonesia	9,074,260	548,668	214,271	1,309,662	7,430,252	30.1
Iran (Islamic Republic of)	819,663	77,011	58,041	67,232	733,494	9.6
Kazakhstan	43,250	0	81,270	36,806	87,713	5.4
Kyrgyzstan	422	1	12,387	1	12,807	2.3
Malaysia	1,666,075	205,944	481,217	349,733	1,603,615	54.9
Maldives	94,953	0	2,156	53,064	54,446	161.0
Pakistan	594,935	84,243	2,879	163,183	350,387	2.0
Tajikistan	1,380	0	2,685	0	4,065	0.5
Turkey	652,298	144,485	80,822	121,302	467,330	6.3
Turkmenistan	15,027	0	4,159	0	19,186	3.7
Uzbekistan	10,767	1	10,258	356	20,669	0.7
Guyana	45,674	2	1,699	22,471	24,900	31.3
Suriname	34,456	6,500	2,663	21,741	8,878	16.6
OIC	23,083,818	1,516,989	4,861,241	3,561,435	23,019,915	14.2
World	158,626,897	22,146,370	44,569,832	44,325,338	137,158,497	19.4

Source: FAOSTAT-AQUASTAT

Annex 28: Agricultural Productivity (Agr. GDP at 2005 constant prices /Arable Land) (US Dollars/ha.)

Area Name	1990	1995	2000	2005	2010	2015
African Group	416	417	477	720	942	1123
Benin	346	407	404	440	546	623
Burkina Faso	180	270	347	393	422	521
Cameroon	353	348	444	530	638	771
Chad	244	281	310	382	759	906
Côte d'Ivoire	1279	1104	1351	1379	1257	1677
Gabon	1071	1159	1297	1469	1397	1811
Gambia	585	565	544	520	493	397
Guinea	115	145	229	214	243	267
Guinea-Bissau	705	780	735	930	948	982
Mali	487	394	321	350	572	953
Mozambique	257	271	320	362	455	527
Niger	70	61	77	101	133	149
Nigeria	590	582	670	1278	1911	2268
Senegal	310	319	363	407	413	538
Sierra Leone	1887	1454	856	554	711	628
Togo	272	291	305	395	419	386
Uganda	327	394	466	501	488	531
Arab Group	827	808	1081	1237	1485	1617
Algeria	548	628	721	1057	1433	2033
Bahrain	15240	20489	22609	34377	32920	37381
Comoros	3253	3428	3720	4378	4789	5832
Djibouti	14528	16703	18942	22603	18099	18499
Egypt	3417	3218	3826	5032	5299	6074
Iraq	478	243	648	662	588	596
Jordan	1649	1091	1154	1877	2932	2341
Kuwait	57860	35760	16615	22105	46947	75604
Lebanon	1252	3736	6045	5402	7057	6636
Libya	407	432	483	632	766	200
Mauritania	1351	1501	1180	1539	1727	2070
Morocco	725	468	600	907	1388	1707
Oman	8592	14521	15312	17944	17835	19995
Palestine	2287	3603	3746	2559	8173	4255
Qatar	5929	5602	4598	5116	8113	12495
Saudi Arabia	2350	2428	2723	3004	3451	3390
Somalia	1660	1018	1016	905	1272	1430
Sudan	299	324	615	619	815	872
Syrian Arab Republic	567	802	1070	1233	1114	706
Tunisia	679	643	954	1084	1124	1392
United Arab Emirates	29347	32845	45671	37065	35472	47365
Yemen	532	613	941	1405	2016	1482
Asian Group	1100	823	954	1088	1262	1502
Afghanistan	252	378	252	290	339	343
Albania	1498	1833	2274	2821	3016	3585
Azerbaijan		409	471	657	724	865
Bangladesh	767	923	1179	1407	1836	2191
Brunei Darussalam	23391	25130	34337	48240	21464	19901
Indonesia	1231	1676	1517	1587	1853	2285
Iran (Islamic Republic of)	541	589	759	891	921	1071
Kazakhstan		89	91	127	137	163
Kyrgyzstan		331	454	546	595	664
Malaysia	9225	9427	10662	12384	14539	16117
Maldives	14620	15749	18005	25902	17111	18108
Pakistan	527	628	779	892	1063	1176
Tajikistan		342	387	647	932	1270
Turkey	1470	1518	1753	1896	2208	2730
Turkmenistan		824	1308	1288	1684	2581
Uzbekistan		544	615	862	1158	1594
Guyana	298	536	615	740	798	937
Suriname	3957	3758	3844	4763	5779	5654
OIC Member Countries Total	822	702	832	998	1198	1397
World	788	818	945	1069	1240	1376

Source: FAOSTAT

Annex 29: Agricultural Labor Productivity (US Dollar Per Worker in Agriculture)

Area Name	2000	2005	2010	2014	2015
African Group	751	1,115	1,528	1,585	1,613
Benin	738	792	843	977	968
Burkina Faso	320	460	738	1,636	1,728
Cameroon	667	687	741	783	808
Chad	440	564	950	1,022	1,046
Côte d'Ivoire	1,273	1,222	1,091	1,230	1,303
Gabon	3,432	3,261	2,602	2,698	2,829
Gambia	1,324	1,201	1,384	1,016	1,064
Guinea	226	249	266	287	286
Guinea-Bissau	566	590	563	532	508
Mali	1,117	1,324	1,319	1,431	1,641
Mozambique	231	301	397	443	447
Niger	307	348	401	425	423
Nigeria	1,127	2,194	4,401	3,903	3,970
Senegal	1,020	1,059	807	643	690
Sierra Leone	402	627	832	1,004	711
Togo	836	755	933	778	789
Uganda	428	400	396	358	358
Arab Group	2,515	2,747	3,118	3,090	3,172
Algeria	4,019	4,674	6,485	10,099	11,076
Bahrain	9,029	8,946	6,859	8,363	8,308
Comoros	3,544	3,621	3,404	3,586	3,592
Djibouti	211	228	283	319	344
Egypt	1,943	1,970	2,110	2,380	2,605
Iraq	3,008	2,451	1,325	1,497	1,610
Jordan	4,478	7,210	8,439	7,108	7,299
Kuwait	5,773	7,946	9,438	8,314	8,108
Lebanon	25,296	18,405	23,085	14,865	13,965
Libya	6,142	7,536	9,294	1,153	1,084
Mauritania	1,019	963	1,060	1,124	1,103
Morocco	1,418	1,696	2,538	2,960	3,221
Oman	9,869	8,141	8,834	5,963	5,795
Palestine	4,900	2,857	3,837	3,789	3,348
Qatar	7,131	3,592	5,145	6,383	7,101
Saudi Arabia	26,159	34,791	27,578	19,158	15,869
Somalia	573	591	593	577	569
Sudan	1,874	2,022	2,710	2,236	2,273
Syrian Arab Republic	3,462	5,754	6,539	3,873	3,848
Tunisia	4,329	4,718	5,409	7,275	8,883
United Arab Emirates	26,538	17,988	41,443	114,800	142,826
Yemen	802	1,517	2,446	1,695	1,030
Asian Group	1,205	1,412	1,537	1,773	1,880
Afghanistan	516	495	572	595	474
Albania	2,026	2,599	4,051	4,701	4,752
Azerbaijan	665	807	848	943	999
Bangladesh	330	446	532	612	649
Brunei Darussalam	32,378	57,669	66,451		
Indonesia	738	837	1,011	1,275	1,388
Iran (Islamic Republic of)	2,840	2,741	3,460	3,991	3,780
Kazakhstan	1,128	1,499	1,688	2,658	3,042
Kyrgyzstan	650	872	1,141	1,105	1,244
Malaysia	5,972	7,698	8,055	8,861	8,582
Maldives	3,701	4,025	2,590	4,417	4,402
Pakistan	1,293	1,351	1,291	1,338	1,384
Tajikistan	273	393	514	585	608
Turkey	5,792	8,822	8,840	9,629	10,359
Turkmenistan	5,527	7,018	11,697	20,729	23,090
Uzbekistan	768	1,054	1,553	2,089	2,289
Guyana	4,773	5,654	7,825	9,495	9,460
Suriname	21,181	20,608	40,745	63,419	74,833
OIC Member Countries Total	1,232	1,491	1,742	1,891	1,970
World	1,298	1,498	1,854	2,174	2,249

Source: World Development Indicator

Annex 30: Wheat Yield, Tonnes/Ha.

Area Name	1990	1995	2000	2005	2010	2016
African Group	1.06	1.96	1.50	1.23	1.56	1.51
Cameroon	1.50	2.37	1.77	1.28	1.38	1.33
Chad	1.50	1.00	1.43	1.50	2.50	2.00
Mali	1.20	2.10	2.35	2.20	2.55	8.93
Mozambique	1.80	1.18	1.00	1.11	1.34	1.09
Niger	2.89	2.01	1.86	1.45	1.99	2.01
Nigeria	0.83	2.18	1.40	1.10	1.51	1.00
Uganda	2.00	1.80	1.71	1.67	1.67	1.58
Arab Group	1.84	1.81	1.68	2.09	2.33	2.63
Algeria	0.63	0.89	0.92	1.51	1.48	1.69
Egypt	5.20	5.42	6.34	6.49	5.57	6.58
Iraq	1.01	0.81	0.32	0.87	1.99	3.32
Jordan	1.45	1.44	1.40	1.17	1.03	1.12
Kuwait	3.13	3.08	2.30	1.76	2.35	5.00
Lebanon	1.97	2.48	2.70	2.90	2.78	3.30
Libya	1.23	0.73	0.79	0.76	0.77	0.79
Mauritania	1.08	0.84	1.44	1.91	2.08	2.15
Morocco	1.33	0.55	0.48	1.03	1.71	1.13
Oman	2.38	2.37	3.19	3.19	4.13	2.99
Palestine			2.47	2.09	1.79	1.90
Qatar	2.30	2.30	2.31	2.33	2.25	2.00
Saudi Arabia	4.65	4.47	4.26	5.42	6.15	6.27
Somalia	0.37	0.25	0.37	0.39	0.39	0.40
Sudan	1.59	1.61	2.33	2.46	1.79	2.38
Syrian Arab Republic	1.54	2.55	1.85	2.45	1.93	2.23
Tunisia	1.27	1.28	1.17	1.69	1.89	1.82
United Arab Emirates	2.22	1.74	6.50	2.00	5.80	3.73
Yemen	1.58	1.68	1.62	1.31	1.78	1.74
Asian Group	1.76	1.50	1.80	2.00	1.88	2.18
Afghanistan	1.05	1.14	0.72	1.82	1.93	1.98
Albania	3.02	2.87	3.05	3.16	3.99	3.90
Azerbaijan		1.49	2.32	2.58	1.94	3.05
Bangladesh	1.50	1.95	2.21	1.75	2.40	3.03
Iran (Islamic Republic of)	1.28	1.71	1.59	2.06	1.83	1.95
Kazakhstan		0.57	0.90	0.95	0.73	1.21
Kyrgyzstan		1.72	2.34	2.24	2.17	2.45
Pakistan	1.82	2.08	2.49	2.59	2.55	2.84
Tajikistan		0.89	1.18	1.96	3.02	3.08
Turkey	2.12	1.92	2.23	2.32	2.44	2.71
Turkmenistan		1.59	2.41	3.15	1.70	1.08
Uzbekistan		2.02	2.61	4.21	4.60	4.80
OIC	1.78	1.56	1.78	2.02	1.97	2.25
World	2.56	2.51	2.72	2.85	2.97	3.40

Source: FAOSTAT

Annex 31: Maize Yield, Tonnes/Ha.

Area	1990	1995	2000	2005	2010	2016
African Group	1.07	1.21	1.34	1.41	1.68	1.63
Benin	0.90	1.17	1.15	1.14	1.10	1.38
Burkina Faso	1.46	1.14	1.75	1.81	1.43	1.69
Cameroon	1.85	1.55	2.46	2.13	1.97	1.79
Chad	0.98	0.88	0.75	1.09	0.95	1.27
Côte d'Ivoire	1.19	1.54	2.03	2.11	1.98	1.98
Gabon	1.58	1.55	1.62	1.58	1.66	1.58
Gambia	1.20	1.29	1.61	1.05	1.25	0.93
Guinea	1.02	1.20	1.42	1.54	1.20	1.36
Guinea-Bissau	1.07	1.00	0.99	2.66	0.69	0.57
Mali	1.16	1.28	1.33	1.49	2.78	2.73
Mozambique	0.45	0.68	0.94	0.51	1.20	0.91
Niger	0.31	0.82	0.64	0.80	0.76	1.22
Nigeria	1.13	1.27	1.30	1.66	1.85	1.59
Senegal	1.14	1.09	1.11	2.80	1.54	1.66
Sierra Leone	1.09	1.01	0.93	0.98	1.45	0.33
Togo	0.97	0.86	1.20	1.16	1.19	1.22
Uganda	1.50	1.60	1.74	1.59	2.30	2.32
Arab Group	3.49	3.40	4.78	5.06	5.21	5.43
Algeria	1.65	1.61	3.62	3.39	2.58	4.51
Comoros	2.38	2.45	2.35	1.86	2.59	2.05
Djibouti	1.67	1.67	1.83	1.50	1.63	2.00
Egypt	5.78	6.16	7.68	8.16	7.27	7.39
Iraq	2.48	1.43	0.76	2.31	2.36	3.89
Jordan	8.89	12.65	14.56	23.33	19.39	40.41
Kuwait	10.55	18.06	18.62	20.00	19.42	16.79
Lebanon	1.69	2.33	3.89	3.78	2.74	3.80
Libya	1.00	0.90	2.89	2.40	1.93	2.29
Mauritania	0.68	0.80	0.91	0.82	0.86	0.67
Morocco	1.16	0.13	0.40	0.20	1.21	0.93
Qatar	13.50	12.58	12.52	12.48	20.76	12.48
Saudi Arabia	1.80	1.95	6.28	3.73	5.31	6.71
Somalia	1.15	0.83	1.46	1.18	1.51	0.59
Sudan	0.49	0.57	0.74	1.02	1.32	1.20
Syrian Arab Republic	3.25	3.60	3.44	3.68	3.51	3.82
United Arab Emirates					18.53	26.11
Yemen	1.27	1.36	1.48	0.81	1.68	1.47
Asian Group	2.22	2.32	2.86	3.87	4.78	5.74
Afghanistan	1.76	1.66	1.20	1.21	1.64	2.05
Albania	3.66	3.13	3.88	4.54	6.68	6.49
Azerbaijan		1.18	3.25	4.77	4.56	6.25
Bangladesh	1.00	1.07	2.06	5.33	5.84	7.30
Indonesia	2.13	2.26	2.76	3.45	4.44	5.37
Iran (Islamic Republic of)	4.33	4.54	6.17	7.22	8.93	6.89
Kazakhstan		1.94	3.34	4.15	4.83	5.64
Kyrgyzstan		3.21	5.75	6.06	6.06	6.38
Malaysia	1.75	1.87	2.41	3.00	5.54	6.46
Maldives	1.00	1.00	3.05	3.33	4.33	4.56
Pakistan	1.40	1.60	1.74	2.98	3.81	4.60
Tajikistan		1.94	2.70	4.05	12.05	12.36
Turkey	4.08	3.69	4.14	7.00	7.26	9.42
Turkmenistan		3.47	0.97	0.94	1.06	1.30
Uzbekistan		3.50	2.67	4.89	7.02	11.96
Guyana	1.57	1.04	1.24	1.25	1.53	1.38
Suriname	2.16	1.82	1.90	2.27	2.33	2.47
OIC	1.72	1.79	2.28	2.61	2.98	3.06
World	3.69	3.81	4.32	4.82	5.19	5.64

Source: FAOSTAT

Annex 32: Seed cotton Yield, Tonnes/Ha.

Area Name	1990	1995	2000	2005	2010	2016
African Group	0.87	0.92	0.87	0.94	1.08	0.93
Benin	1.19	1.33	1.06	1.10	1.00	0.83
Burkina Faso	1.14	1.03	1.02	1.15	1.14	1.25
Cameroon	1.21	1.03	1.03	1.36	1.31	1.11
Chad	0.77	0.76	0.64	0.70	0.35	0.48
Côte d'Ivoire	1.20	1.03	1.38	1.12	0.93	1.07
Gambia	0.53	0.42	0.51	0.41	0.36	0.35
Guinea	1.08	1.18	1.25	1.36	0.96	0.97
Guinea-Bissau	1.34	1.21	1.43	1.27	1.40	1.13
Mali	1.34	1.21	1.07	0.97	1.14	0.91
Mozambique	0.37	0.60	0.33	0.47	0.48	0.43
Niger	0.20	1.17	1.00	1.00	1.00	1.01
Nigeria	0.48	0.58	0.74	0.79	1.51	0.79
Senegal	1.03	0.90	0.92	1.18	0.94	0.98
Togo	1.25	1.06	0.83	0.50	0.71	0.67
Uganda	0.28	0.33	0.30	0.57	1.04	1.11
Arab Group	1.90	2.10	2.56	2.52	2.29	2.77
Algeria	0.61	0.47	0.55	0.41	0.31	0.29
Egypt	2.01	2.14	2.54	2.04	2.44	3.18
Iraq	1.45	1.22	1.67	1.07	2.20	2.63
Morocco	1.62	1.28	2.30	2.10	2.08	2.11
Somalia	0.38	0.41	0.40	0.40	0.40	0.40
Sudan	1.38	1.41	0.86	1.56	1.19	1.64
Syrian Arab Republic	2.82	2.94	4.00	4.30	2.74	3.74
Tunisia	1.30	1.60	1.14	1.36	0.73	0.63
Yemen	0.76	0.96	1.04	1.17	1.26	1.29
Asian Group	2.00	2.11	2.04	2.34	2.31	2.26
Afghanistan	1.04	1.13	1.14	1.10	1.00	1.15
Albania	1.00	0.97	0.95	0.95	1.17	1.05
Azerbaijan		1.16	0.90	1.75	1.27	1.76
Bangladesh	2.54	1.17	2.50	2.98	3.10	3.45
Indonesia	0.57	0.36	0.33	0.37	0.31	0.12
Iran (Islamic Republic of)	1.98	1.92	2.02	2.28	2.55	2.11
Kazakhstan		2.08	1.89	2.31	1.79	2.62
Kyrgyzstan		2.25	2.60	2.62	2.79	3.14
Pakistan	1.85	1.80	1.87	2.14	2.09	1.99
Tajikistan		1.52	1.41	1.55	1.91	1.75
Turkey	2.76	3.00	3.46	4.11	4.48	5.05
Turkmenistan		2.13	1.79	1.67	1.24	0.80
Uzbekistan		2.64	2.08	2.61	2.56	2.60
OIC	1.66	1.85	1.76	1.89	1.99	1.77
World	1.64	1.60	1.67	2.00	2.15	2.16

Source: FAOSTAT

Annex 33: Renewable Water Potential 2014-2017

Area Name	Total renewable water resources (10 ⁹ m ³ /year)	Share of Renewable Water Resources to the Agricultural Land (m ³ /hectar in a year)	Long-term average precipitation in depth (mm/year) 2014
African Group	1,815.35	5,078.55	19,131.00
Benin	26.39	7,132.43	1,039.00
Burkina Faso	13.50	1,118.48	748.00
Cameroon	283.10	29,035.90	1,604.00
Chad	45.70	915.24	322.00
Côte d'Ivoire	84.14	4,084.47	1,348.00
Gabon	166.00	32,170.54	1,831.00
Gambia	8.00	13,223.14	836.00
Guinea	226.00	15,694.44	1,651.00
Guinea-Bissau	31.40	19,263.80	1,577.00
Mali	120.00	2,881.08	282.00
Mozambique	217.10	4,346.35	1,032.00
Niger	34.05	760.35	151.00
Nigeria	286.20	3,975.00	1,150.00
Senegal	38.97	4,322.80	686.00
Sierra Leone	160.00	39,052.58	2,526.00
Togo	14.70	3,818.18	1,168.00
Uganda	60.10	4,214.00	1,180.00
Arab Group	288.87	553.52	4,842.00
Algeria	11.67	281.67	89.00
Bahrain	0.12	13,488.37	83.00
Comoros	1.20	7,594.94	900.00
Djibouti	0.30	176.26	220.00
Egypt	58.30	16,140.64	51.00
Iraq	89.86	11,735.67	216.00
Jordan	0.94	898.97	111.00
Kuwait	0.02	131.58	121.00
Lebanon	4.50	6,143.25	661.00
Libya	0.70	45.59	56.00
Mauritania	11.40	287.44	92.00
Morocco	29.00	953.85	346.00
Oman	1.40	950.57	125.00
Palestine	0.84	3,206.90	402.00
Qatar	0.06	882.80	74.00
Saudi Arabia	2.40	13.84	59.00
Somalia	14.70	333.11	282.00
Sudan	37.80	335.40	250.00
Syrian Arab Republic	16.80	1,206.81	252.00
Tunisia	4.62	457.88	207.00
United Arab Emirates	0.15	377.83	78.00
Yemen	2.10	89.21	167.00
Asian Group	5,157.71	9,964.99	23,070.00
Afghanistan	65.33	1,723.29	327.00
Albania	30.20	25,139.43	1,485.00
Azerbaijan	34.68	7,273.03	447.00
Bangladesh	1,227.00	134,465.75	2,666.00
Brunei Darussalam	8.50	634,328.36	2,722.00
Indonesia	2,019.00	35,734.51	2,702.00
Iran (Islamic Republic of)	137.00	2,788.46	228.00
Kazakhstan	108.40	521.22	250.00
Kyrgyzstan	23.62	2,230.13	533.00
Malaysia	580.00	74,843.54	2,875.00
Maldives	0.03	4,285.71	1,972.00
Pakistan	246.80	9,127.22	494.00
Tajikistan	21.91	4,494.36	691.00
Turkey	211.60	5,509.41	593.00
Turkmenistan	24.77	732.02	161.00
Uzbekistan	48.87	1,831.02	206.00
Guyana	271.00	161,501.79	2,387.00
Suriname	99.00	1,192,771.08	2,331.00
OIC Total	7,261.93	5,198.56	47,043.00
World	54,705.59	11,114.04	208,187.00

Source: FAOSTAT and AQUASTAT

Annex 34: Fertilizer Consumption, Kilograms per Hectare of Arable Land

Country	2002	2005	2010	2015
African Group	4.75	6.11	8.75	9.18
Benin	16.37	0.45	8.99	11.29
Burkina Faso	0.43	15.24	9.43	16.29
Cameroon	9.77	8.00	9.24	13.63
Chad				
Cote d'Ivoire	31.02	17.78	32.09	50.24
Gabon	5.58	8.34	3.16	24.54
Gambia, The		9.76	7.30	1.04
Guinea	1.00	0.92	0.93	2.70
Guinea-Bissau				
Mali		15.69	19.60	29.06
Mozambique	5.98	1.43	8.20	4.49
Niger	0.61	0.39	0.50	0.57
Nigeria	4.53	7.20	12.21	8.29
Senegal	11.79	9.87	8.20	16.32
Sierra Leone				
Togo	5.17	9.68	8.96	3.10
Uganda	1.33	0.97	1.72	2.38
Arab Group	49.06	97.32	420.40	499.56
Algeria	9.64	7.43	19.48	23.37
Bahrain	8,964.50	2,906.67	1,721.25	1,318.75
Comoros				
Djibouti				
Egypt, Arab Rep.	432.53	672.88	602.99	645.46
Iraq		41.61	34.29	36.02
Jordan	672.27	218.54	674.90	853.07
Kuwait	1,590.46	784.02	187.72	1,079.49
Lebanon	1,763.33	4,349.09	884.00	1,277.37
Libya	358.00	313.76	296.74	451.64
Mauritania				
Morocco	0.00	0.00	0.00	0.00
Oman	65.55	63.79	57.17	71.11
Palestine				
Qatar	0.00	0.00	0.00	0.00
Saudi Arabia	44.43	633.53	6,714.85	7,511.45
Somalia				
Sudan	0.00	0.00	0.00	0.00
Syrian Arab Republic	3.47	2.68	10.24	4.60
Tunisia	68.35	84.95	33.02	5.03
United Arab Emirates	25.22	64.09	40.40	32.82
Yemen, Rep.	8.20	3.81	19.46	9.09
Asian Group	76.56	92.38	108.95	125.14
Afghanistan	3.40	4.24	4.25	12.13
Albania	97.19	111.60	97.32	90.32
Azerbaijan	10.43	13.36	9.95	24.25
Bangladesh	188.64	197.75	212.96	297.74
Brunei Darussalam	336.00	308.50	431.75	141.80
Indonesia	123.96	143.99	181.52	223.02
Iran, Islamic Rep.	78.74	95.05	57.83	100.94
Kazakhstan	0.84	1.43	2.05	4.33
Kyrgyz Republic	7.05	24.63	22.66	26.70
Malaysia	1,177.02	1,457.36	2,002.72	1,539.30
Maldives	6.00	29.67	94.36	197.73
Pakistan	97.47	123.48	138.30	137.29
Tajikistan		37.82	60.60	80.29
Turkey	72.80	86.76	98.38	106.67
Turkmenistan				
Uzbekistan			182.58	228.40
Guyana	33.11	22.10	39.32	57.71
Suriname	92.18	106.37	211.93	98.22
OIC	49.01	65.76	134.84	158.08
World	106.37	114.11	129.17	137.61

Source: World Development Indicator

Annex 35: Average Dietary Energy Supply Adequacy, Percentage

Country	1990-92	1995-97	2000-02	2005-07	2010-12	2014-16
African Group	105	110	113	118	120	120
Benin	102	105	108	115	118	123
Burkina Faso	104	108	109	117	123	128
Cameroon	95	95	99	107	116	121
Chad	82	86	93	95	97	102
Cote d'Ivoire	123	124	120	127	126	127
Gabon	113	118	120	120	122	126
Gambia, The	115	111	115	113	122	118
Guinea	113	108	109	114	116	117
Guinea-Bissau	107	105	104	103	105	100
Mali	114	112	119	127	136	147
Mozambique	83	91	96	99	107	109
Niger	102	101	111	117	122	123
Nigeria	108	119	120	126	125	121
Senegal	100	97	98	103	109	112
Sierra Leone	93	101	94	100	107	105
Togo	93	99	99	104	109	120
Uganda	109	105	110	108	102	96
Arab Group	128	127	128	128	136	138
Algeria	129	124	125	129	138	143
Bahrain						
Comoros			103	109	106	106
Djibouti	70	77	88	101	106	118
Egypt, Arab Rep.	143	147	147	145	151	152
Iraq	125	103	101	107	113	110
Jordan	128	121	125	137	136	132
Kuwait	92	135	143	147	142	140
Lebanon	141	142	139	131	128	125
Libya						
Mauritania	117	118	119	119	126	133
Morocco	136	135	134	137	141	145
Oman	109	104	115	118	126	123
Palestine						
Qatar						
Saudi Arabia	128	130	134	129	134	139
Somalia			77	80	82	88
Sudan	93	100			104	105
Syrian Arab Republic						
Tunisia	141	140	138	137	141	142
United Arab Emirates	131	133	129	119	118	124
Yemen, Rep.	104	101	100	100	103	101
Asian Group	115	116	113	114	118	120
Afghanistan	102	91	88	96	101	99
Albania	111	117	116	116	125	130
Azerbaijan	103	94	100	122	124	131
Bangladesh	99	95	105	108	107	109
Brunei Darussalam	122	125	123	125	122	125
Indonesia	107	113	108	110	119	123
Iran, Islamic Rep.	135	135	130	126	128	129
Kazakhstan	125	124	119	127	133	137
Kyrgyz Republic	119	111	106	114	118	120
Malaysia	120	129	123	121	122	127
Maldives	116	117	112	108	119	120
Pakistan	108	112	106	107	109	110
Tajikistan	97	91	87	90	91	97
Turkey	165	160	156	155	156	158
Turkmenistan	116	113	115	123	122	120
Uzbekistan	125	118	100	107	113	117
Guyana	103	113	122	118	115	118
Suriname	107	109	109	112	116	117
OIC	115.4	116.6	115.8	118.0	121.8	123.3
World	113	115	116	118	121	123

Source: FAOSTAT

Annex 36: Average Value of Food Production, Int. Dollars/Caput

Country	1999-2001	2004-2006	2009-2011	2012-2014
African Group	174	184	179	180
Benin	174	174	188	207
Burkina Faso	119	131	131	135
Cameroon	159	180	224	232
Chad	127	119	129	146
Cote d'Ivoire	261	263	258	273
Gabon	170	155	153	138
Gambia, The	95	82	81	60
Guinea	151	163	171	173
Guinea-Bissau	154	159	180	183
Mali	160	176	225	207
Mozambique	87	82	104	85
Niger	143	158	167	167
Nigeria	204	220	192	204
Senegal	111	94	111	93
Sierra Leone	77	134	172	185
Togo	108	108	126	118
Uganda	174	172	161	131
Arab Group	154	167	166	198
Algeria	121	156	182	214
Bahrain	36	24	22	26
Comoros	110	101	95	87
Djibouti	62	70	81	84
Egypt, Arab Rep.	221	243	250	246
Iraq	103	85	76	80
Jordan	145	178	184	177
Kuwait	75	76	80	85
Lebanon	354	303	253	208
Libya	179	170	174	180
Mauritania	141	138	130	136
Morocco	175	221	261	252
Oman	135	134	124	112
Palestine	175	163	120	121
Qatar	69	45	29	28
Saudi Arabia	123	129	117	108
Somalia	194	184	171	172
Sudan				291
Syrian Arab Republic	280	341	292	263
Tunisia	289	326	325	341
United Arab Emirates	297	141	71	46
Yemen, Rep.	59	61	71	69
Asian Group	199	220	241	249
Afghanistan	125	115	116	112
Albania	255	300	377	434
Azerbaijan	167	207	250	260
Bangladesh	105	111	134	138
Brunei Darussalam	73	79	102	111
Indonesia	161	192	223	239
Iran, Islamic Rep.	275	322	322	311
Kazakhstan	329	369	437	399
Kyrgyz Republic	274	278	274	263
Malaysia	374	429	466	482
Maldives	34	37	25	20
Pakistan	180	186	193	192
Tajikistan	92	114	125	138
Turkey	412	425	453	480
Turkmenistan	252	337	338	357
Uzbekistan	208	247	294	321
Guyana	433	423	459	534
Suriname	183	178	231	254
OIC	184	200	209	221
World	261	278	300	309

Source: FAOSTAT

Annex 37: Average Protein Supply, gr/caput/day

Country	1999-2001	2004-2006	2009-2011	2011-2013
African Group	56	60	62	63
Benin	54	58	62	63
Burkina Faso	68	74	79	79
Cameroon	55	60	67	69
Chad	63	62	62	62
Cote d'Ivoire	51	55	57	58
Gabon	78	80	80	85
Gambia, The	58	57	63	62
Guinea	51	52	55	55
Guinea-Bissau	43	43	44	44
Mali	68	72	81	82
Mozambique	36	41	45	46
Niger	67	74	79	80
Nigeria	58	62	63	63
Senegal	58	57	60	59
Sierra Leone	44	50	55	56
Togo	50	51	55	57
Uganda	49	52	54	53
Arab Group	61	62	66	75
Algeria	77	83	87	90
Bahrain				
Comoros				
Djibouti	47	55	63	64
Egypt, Arab Rep.	94	95	101	103
Iraq	51	54	61	62
Jordan	72	79	81	81
Kuwait	104	112	109	104
Lebanon	92	84	80	79
Libya				
Mauritania	74	77	79	82
Morocco	83	90	94	96
Oman	76	75	88	88
Palestine				
Qatar				
Saudi Arabia	83	82	87	90
Somalia				
Sudan				69
Syrian Arab Republic				
Tunisia	90	90	97	98
United Arab Emirates	108	104	100	102
Yemen, Rep.	57	55	58	58
Asian Group	63	64	68	69
Afghanistan	52	54	58	58
Albania	91	97	105	110
Azerbaijan	66	81	89	92
Bangladesh	49	52	55	54
Brunei Darussalam	85	87	85	90
Indonesia	52	54	59	61
Iran, Islamic Rep.	82	83	86	86
Kazakhstan	88	90	96	95
Kyrgyz Republic	83	84	85	85
Malaysia	75	78	79	80
Maldives	100	88	110	118
Pakistan	60	59	63	64
Tajikistan	49	50	52	58
Turkey	104	103	102	106
Turkmenistan	79	88	91	90
Uzbekistan	67	73	79	82
Guyana	78	75	74	77
Suriname	57	57	62	62
OIC	61	63	66	69
World	73	74	78	79

Source: FAOSTAT

Annex 38: Number of People Undernourished, Million People

Country	1999-2001	2004-2006	2009-2011	2014-2016
African Group	53.9	50.9	52.9	62.1
Benin	1.6	1.3	1.2	1.1
Burkina Faso	2.9	3.3	3.3	3.7
Cameroon	4.9	3.7	2.4	1.9
Chad	3.3	3.9	4.8	4.6
Cote d'Ivoire	2.9	2.9	3.3	3.5
Gabon	0.1	0.1	0.1	0.1
Gambia, The	0.2	0.2	0.2	0.2
Guinea	2.3	2.1	2.0	2.2
Guinea-Bissau	0.3	0.4	0.4	0.5
Mali	1.6	1.4	1.1	0.7
Mozambique	7.4	7.8	7.3	7.4
Niger	2.4	2.1	1.8	2.2
Nigeria	11.5	9.2	10.1	14.3
Senegal	2.8	2.4	1.7	1.7
Sierra Leone	1.6	1.9	1.6	2.0
Togo	1.5	1.4	1.3	0.8
Uganda	6.6	6.8	10.3	15.2
Arab Group	24.0	26.7	26.3	38.7
Algeria	3.3	2.9	2.3	1.8
Bahrain				
Comoros				
Djibouti	0.3	0.3	0.2	0.1
Egypt, Arab Rep.	3.6	4.1	3.7	4.1
Iraq	6.7	7.6	8.4	10.1
Jordan	0.4	0.2	0.2	0.3
Kuwait				
Lebanon		0.1	0.2	0.3
Libya				
Mauritania	0.3	0.4	0.3	0.2
Morocco	2.0	1.8	1.7	1.2
Oman	0.3	0.3	0.2	0.3
Palestine				
Qatar				
Saudi Arabia	1.3	2.0	2.0	1.4
Somalia				
Sudan				10.3
Syrian Arab Republic				
Tunisia	0.5	0.6	0.5	0.6
United Arab Emirates		0.2	0.5	0.3
Yemen, Rep.	5.3	6.2	6.1	7.7
Asian Group	121.0	123.9	109.9	99.4
Afghanistan	9.1	8.1	6.2	7.5
Albania	0.2	0.3	0.2	0.1
Azerbaijan	1.9	0.5		
Bangladesh	27.2	23.7	25.6	24.4
Brunei Darussalam				
Indonesia	37.6	42.1	30.2	20.3
Iran, Islamic Rep.	3.2	4.3	4.3	4.3
Kazakhstan	0.9	0.9	0.5	
Kyrgyz Republic	0.8	0.5	0.5	0.4
Malaysia	0.7	1.0	1.1	
Maldives				
Pakistan	32.4	35.7	35.8	37.6
Tajikistan	2.6	2.8	2.9	2.6
Turkey				
Turkmenistan	0.4	0.2	0.2	0.3
Uzbekistan	4.0	3.8	2.4	1.9
Guyana				
Suriname				
OIC	198.9	201.5	189.1	200.2
World	906.3	919.6	797.1	789.1

Source: FAOSTAT

Annex 39: Gross Domestic Product per capita, in Purchasing Power Equivalent, Constant 2011 Int. Dollars

Country	1990	1995	2000	2005	2010	2016
African Group	2,261	2,064	2,152	2,781	3,266	3,512
Benin	1,463	1,515	1,666	1,736	1,819	2,010
Burkina Faso	844	893	1,075	1,266	1,423	1,642
Cameroon	3,020	2,384	2,604	2,829	2,930	3,347
Chad	1,110	1,041	993	1,793	1,925	1,878
Cote d'Ivoire	3,194	2,898	2,948	2,682	2,690	3,425
Gabon	19,501	19,896	17,783	16,804	15,356	16,757
Gambia, The	1,506	1,437	1,550	1,533	1,644	1,555
Guinea	1,412	1,312	1,421	1,504	1,574	1,894
Guinea-Bissau	1,574	1,638	1,363	1,338	1,400	1,499
Mali	1,272	1,310	1,463	1,761	1,872	1,971
Mozambique	379	373	562	742	918	1,127
Niger	895	785	753	763	814	917
Nigeria	3,042	2,750	2,848	4,149	5,150	5,435
Senegal	1,845	1,766	1,911	2,108	2,184	2,379
Sierra Leone	1,251	956	913	1,062	1,200	1,364
Togo	1,350	1,201	1,277	1,180	1,208	1,388
Uganda	769	916	1,050	1,223	1,516	1,687
Arab Group	8,955	9,483	11,161	12,323	13,549	14,928
Algeria	10,237	9,295	10,211	12,322	12,871	13,921
Bahrain	35,113	42,897	44,942	43,202	40,571	43,643
Comoros	1,600	1,438	1,481	1,472	1,413	1,411
Djibouti						
Egypt, Arab Rep.	5,909	6,293	7,388	8,002	9,857	10,324
Iraq	11,522	6,561	12,177	10,895	12,718	16,242
Jordan	6,283	6,895	7,235	8,800	9,473	8,390
Kuwait		81,017	69,920	93,470	75,204	68,862
Lebanon	7,858	12,449	12,532	12,269	16,452	13,268
Libya			21,922	26,045	29,630	14,298
Mauritania	2,807	2,862	2,751	2,986	3,317	3,572
Morocco	3,912	3,915	4,484	5,362	6,443	7,286
Oman	35,042	38,317	43,966	41,458	45,336	39,884
Palestine		2,790	4,203	4,504	4,173	4,738
Qatar			108,324	109,802	125,141	118,207
Saudi Arabia	42,457	43,981	43,071	45,538	45,421	50,423
Somalia						
Sudan	1,743	1,961	2,287	2,713	3,366	5,956
Syrian Arab Republic						
Tunisia	5,615	6,131	7,574	8,803	10,436	10,762
United Arab Emirates	110,432	100,977	102,635	91,798	57,233	67,706
Yemen, Rep.	3,327	3,532	3,894	4,155	4,479	1,479
Asian Group	5,346	5,796	6,083	7,222	8,482	10,248
Afghanistan				1,136	1,614	1,803
Albania	4,723	4,279	5,669	7,733	9,927	11,356
Azerbaijan	8,513	3,320	4,459	8,052	15,950	16,001
Bangladesh	1,288	1,438	1,642	1,930	2,443	3,319
Brunei Darussalam	84,672	86,116	82,050	82,967	80,553	71,789
Indonesia	4,625	6,013	5,806	6,825	8,433	10,766
Iran, Islamic Rep.	11,393	12,439	13,135	15,616	17,943	18,498
Kazakhstan	13,050	8,283	9,952	16,014	20,097	23,447
Kyrgyz Republic	3,475	1,696	2,075	2,370	2,790	3,310
Malaysia	10,552	14,601	16,310	18,577	21,107	25,669
Maldives		7,779	9,768	9,274	12,006	14,232
Pakistan	3,055	3,358	3,495	4,013	4,284	4,857
Tajikistan	3,645	1,270	1,180	1,707	2,106	2,763
Turkey	11,400	12,310	13,862	16,310	17,959	23,756
Turkmenistan	8,317	4,601	5,333	6,495	9,942	15,648
Uzbekistan	3,071	2,242	2,504	3,069	4,240	6,039
Guyana	2,843	3,912	4,522	4,699	5,848	7,266
Suriname	10,545	9,616	9,731	12,168	14,212	13,878
OIC	5,521	5,842	6,381	7,390	8,446	9,704
World	8,926	9,242	10,346	11,698	13,176	15,080

Source: FAOSTAT

Annex 40: Percentage of Population with Access to Improved Water Sources

Country	1990	1995	2000	2005	2010	2015
African Group	43	49	55	60	66	70
Benin	57	62	66	70	75	78
Burkina Faso	44	51	60	69	78	82
Cameroon	51	57	62	67	72	76
Chad	40	42	45	47	50	51
Cote d'Ivoire	76	77	78	79	81	82
Gabon		80	84	88	91	93
Gambia, The	76	79	83	86	89	90
Guinea	52	58	63	68	73	77
Guinea-Bissau	36	44	52	61	70	79
Mali	27	37	47	57	67	77
Mozambique	35	37	41	45	49	51
Niger	34	39	44	49	54	58
Nigeria	40	46	52	58	63	69
Senegal	60	64	67	71	75	79
Sierra Leone	37	42	47	52	57	63
Togo	48	51	54	57	60	63
Uganda	40	48	56	65	73	79
Arab Group	83	82	82	83	83	78
Algeria	92	91	90	88	86	84
Bahrain	95	96	99	100	100	100
Comoros	90	90	90	90	90	90
Djibouti	78	79	82	86	89	90
Egypt, Arab Rep.	93	95	96	97	98	99
Iraq	78	78	80	83	85	87
Jordan	96	97	97	97	97	97
Kuwait	99	99	99	99	99	99
Lebanon		83	86	92	98	99
Libya	71	71	71			
Mauritania	29	36	42	48	54	58
Morocco	73	76	78	81	84	85
Oman	79	80	84	88	92	93
Palestine		96	91	80	70	58
Qatar		99	99	100	100	100
Saudi Arabia	92	93	95	97	97	97
Somalia		21	24	28	31	
Sudan	67	66	62	59	55	62
Syrian Arab Republic	86	86	88	89	90	90
Tunisia	83	87	90	93	96	98
United Arab Emirates	100	100	100	100	100	100
Yemen, Rep.	66	63	60	57	55	
Asian Group	78	79	82	85	87	86
Afghanistan		22	30	39	48	55
Albania		96	96	96	96	95
Azerbaijan	69	70	74	79	83	87
Bangladesh	68	72	76	80	84	87
Brunei Darussalam						
Indonesia	70	74	78	81	85	87
Iran, Islamic Rep.	92	93	94	95	96	96
Kazakhstan		94	94	94	93	93
Kyrgyz Republic		75	78	82	86	90
Malaysia	90	92	94	96	97	98
Maldives	93	94	95	97	98	99
Pakistan	86	87	89	90	91	91
Tajikistan		58	60	65	70	74
Turkey	86	89	93	96	99	100
Turkmenistan		59	60	60		
Uzbekistan	90	90	89	88	87	
Guyana	79	82	86	90	94	98
Suriname		88	89	92	94	95
OIC	71	74	76	79	81	80
World	79	81	83	85	88	91

Source: FAOSTAT

Annex 41: Per Capita Food Supply Variability, kcal/capita/day

Country	2000	2005	2010	2013
African Group	28	26	25	27
Benin	35	50	35	15
Burkina Faso	41	64	29	33
Cameroon	17	13	10	13
Chad	75	26	18	39
Cote d'Ivoire	29	22	46	29
Gabon	39	44	38	44
Gambia, The	65	68	69	33
Guinea	43	26	16	35
Guinea-Bissau	74	20	18	22
Mali	24	14	41	51
Mozambique	31	25	26	32
Niger	27	34	17	13
Nigeria	16	18	18	25
Senegal	31	25	49	43
Sierra Leone	51	20	27	10
Togo	27	23	8	6
Uganda	58	51	46	25
Arab Group	29	41	26	23
Algeria	33	42	26	14
Bahrain				
Comoros	101	125	39	15
Djibouti	28	39	20	29
Egypt, Arab Rep.	15	60	34	30
Iraq	32	44	43	26
Jordan	62	112	60	14
Kuwait	59	88	46	92
Lebanon	53	35	43	25
Libya				
Mauritania	22	45	52	19
Morocco	61	46	19	12
Oman	82	61	50	26
Palestine				
Qatar				
Saudi Arabia	63	81	37	75
Somalia	15	52	55	29
Sudan				
Syrian Arab Republic				
Tunisia	83	31	30	16
United Arab Emirates	49	29	17	61
Yemen, Rep.	22	16	16	9
Asian Group	34	28	21	21
Afghanistan	45	70	20	34
Albania	56	49	28	22
Azerbaijan	82	11	79	51
Bangladesh	56	19	18	15
Brunei Darussalam	49	66	46	34
Indonesia	32	13	12	19
Iran, Islamic Rep.	17	29	29	28
Kazakhstan	68	28	31	37
Kyrgyz Republic	93	94	62	26
Malaysia	18	27	23	33
Maldives	29	46	50	47
Pakistan	19	51	22	22
Tajikistan	14	18	18	39
Turkey	34	17	25	10
Turkmenistan	14	29	23	8
Uzbekistan	26	38	29	23
Guyana	27	45	35	67
Suriname	43	20	27	51
OIC	32	30	23	23
World	4	13	10	7

Source: FAOSTAT

