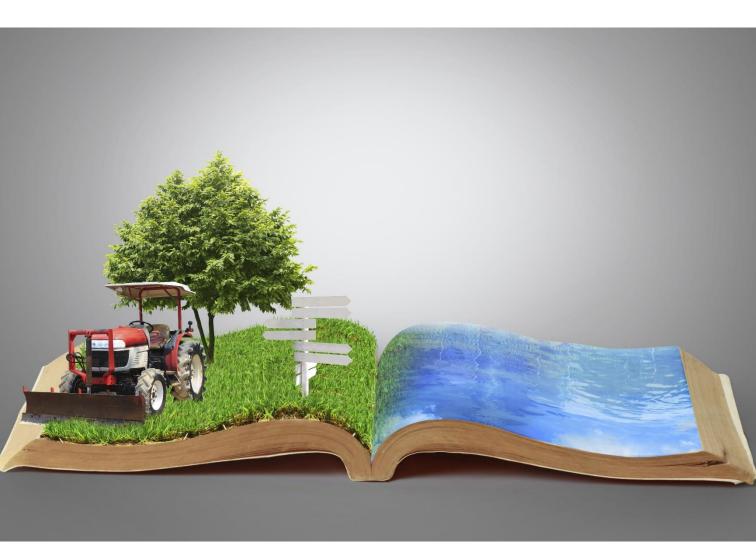
COMCEC AGRICULTURE OUTLOOK 2021



COMCEC COORDINATION OFFICE November 2021



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For further information please contact:

agriculture@comcec.org

COMCEC Coordination Office Necatibey Caddesi No: 110/A 06100

Yücetepe Ankara/TURKEY

Phone : + 90 312 294 57 10 Fax : + 90 312 294 57 77

Web : www.comcec.org

e-mail:comcec@comcec.org

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 2021 is revised and updated by Prof. Dr. Hami Alpas (Food Engineering Dept., METU, Ankara-Turkey) Consultant for the Agriculture Working Group to the COMCEC Coordination Office and Dr. Filiz Yeni 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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TABLE OF CONTENTS

| Preface | 2 |
|---|----------------------------|
| TABLE OF CONTENTS | 3 |
| List of Tables | 4 |
| List of Figures | 5 |
| Acronyms and Abbreviations | |
| Introduction | |
| | |
| 1. Macro Agricultural Indicators | |
| 1.1 Agricultural Value Added | |
| 1.2 Agricultural Growth Rates | |
| 1.3 Population 1.4 Agricultural Employment | |
| 1.5 Agricultural Trade | |
| | |
| 2. Sectoral Indicators | |
| 2.1 Land Use | |
| 2.2 Productions | |
| 2.3 Agricultural Productivity | 24 |
| 2.4 Water | 31 |
| 2.5 Fertilizer | 34 |
| 2.6 Mechanization | 35 |
| 3. The State of Food Insecurity | 36 |
| 3.1 Availability | |
| 3.2 Access | |
| 3.3 Utilization | 43 |
| 3.4 Stability | 63 |
| 4. Transforming Food Systems After COVID-19: | : Post COVID-19 Effects on |
| Agriculture in OIC | |
| 4.1. Losing the Track: The World and OIC | |
| 4.2. Impacts of post-COVID-19 on Food Systems | |
| 4.3. Transforming Food Systems After COVID-19: Opportu | |
| 4.4. How to Build A More Resilient Future during post-COV | VID-19?77 |
| 5. Agricultural Cooperation under the COMCEC | 79 |
| Conclusion | 81 |
| References | 83 |
| _ | |

List of Tables

| Table 1 Agricultural GDP Rankings in the OIC | 12 |
|---|----|
| Table 2 Comparison of Agricultural Growth and Overall Growth in the OIC & the World | |
| Table 3 Comparison of Agricultural and Overall Growth in OIC Sub-Regions | 14 |
| Table 4 Population Growth Rate in the OIC and in the World | 14 |
| Table 5 Land Use in the OIC and its Share in the World, 2019 | 20 |
| Table 6 The Shares of Land Use in OIC Sub-Regions, 2019 | 20 |
| Table 7 Renewable Water-Rich OIC Member Countries (2013-2017) | 33 |
| Table 8 Renewable Water-Poor OIC Member Countries (2013-2017) | 33 |
| Table 9 Formal Jobs at Risk in Food systems | 70 |

List of Figures

| Figure 1 OIC Agricultural GDP and its Share in the WorldHata! Yer işareti tanımlanmaı | mış. |
|---|------|
| Figure 2 Share of Agricultural GDP by Sub-Regions and their Share by Current Price | 10 |
| Figure 3 Share of Agricultural GDP in the OIC and World | 11 |
| Figure 4 Share of Agricultural GDP in Total GDP by Sub-Regions | 11 |
| Figure 5 Agricultural Growths in the OIC and World | 13 |
| Figure 6 Share of Rural Population in the OIC | |
| Figure 7 Share of Agricultural Employment in the OIC and World | 16 |
| Figure 8 Agricultural Exports and Imports in the OIC | |
| Figure 9 OIC Agricultural Trade Performance of OIC Member Countries in the World | 18 |
| Figure 10 Agricultural Products Trade Balance in the OIC by Sub-Regions, 2019 | |
| Figure 11 Crop Productions in the OIC and Shares in the World | |
| Figure 12 Meat Productions in the OIC and Shares in the World | |
| Figure 13 Fishery Productions in the OIC and Shares in the World | 24 |
| Figure 14 Land Productivity in the OIC and World (Agr. GDP at 2010 constant prices) | 25 |
| Figure 15 Land Productivity in the OIC by Sub-Regions (Agr. GDP at 2010 constant prices) | 26 |
| Figure 16 Labor Productivity in the OIC and World (Agr. GDP at 2010 constant prices) | 27 |
| Figure 17 Labor Productivity in the OIC by Sub-Regions (Agr. GDP at 2010 constant prices) | 28 |
| Figure 18 Wheat Yields in the OIC and the World | |
| Figure 19 Maize Yields in the OIC and the World | |
| Figure 20 Cotton Yields in the OIC and the World | |
| Figure 21 Renewable Water Potential in the World (2013-2017) | |
| Figure 22 Renewable Water Potential in the OIC by Sub-Regions | 32 |
| Figure 23 Fertilizer Use in the OIC and World | 34 |
| Figure 24 Fertilizer Use in the OIC by Sub-Regions | |
| Figure 25 Average Dietary Energy Supply Adequacy in the OIC and the World | |
| Figure 26 Average Dietary Energy Supply Adequacy in the OIC Sub-Regions | 37 |
| Figure 27 Average Value of Food Production in the OIC and the World | 38 |
| Figure 28 Average Value of Food Production in the OIC Sub-Regions | 39 |
| Figure 29 Average Protein Supply in the OIC and the World | 39 |
| Figure 30 Average Protein Supply in the OIC Sub-Regions | |
| Figure 31 Undernourished People in the OIC and its Share in the World | 41 |
| Figure 32 Undernourished People in the OIC by Sub-Regions | 41 |
| Figure 33 GDP Per Capita in the OIC and World | 42 |
| Figure 34 GDP Per Capita in the OIC Sub-Regions | 43 |
| Figure 35 Access to Improved Water Sources in the OIC and the World | 62 |
| Figure 36 Access to Improved Water Sources in the OIC by Sub-Regions | 62 |
| Figure 37 Per Capita Food Supply Variability, kcal/capita/day | |
| Figure 38 Per Capita Food Supply Variability in the OIC by Sub-Regions, kcal/caput/day | 64 |
| Figure 39 Food system transformation goals | |
| Figure 40 Real GDP Growth Forecasts | 69 |
| Figure 41 Food Insecurity Levels Based on the Food Insecurity Experience Scale (FIES) by | |
| Region | 71 |

List of Annexes

| Annex 1: The Official Regional Groups of the OIC Member States | . 86 |
|--|------|
| Annex 2: Value Added, Agriculture, Forestry and Fishing in the OIC Countries Current Prices. | . 87 |
| Annex 3: Agricultural GDP Share of Member Countries in the OIC, Percentage | . 88 |
| Annex 4: Total GDP/Breakdown at Current Prices in Million US Dollar | . 89 |
| Annex 6: Total GDP/Breakdown at Constant 2010 Prices in US Dollars | . 90 |
| Annex 7: Total Population, Thousands | . 91 |
| Annex 8: Rural Population, Thousands | . 92 |
| Annex 9: Rural Population, as Percentage of Total Population | . 93 |
| Annex 10: Employment by Sector, Agriculture, Thousands | . 94 |
| Annex 11: Share of Agriculture in Total Employment, Percent | . 95 |
| Annex 12: Agricultural Products Total Export Value, Thousand US Dollars Processed food and | l |
| agro-based products | . 96 |
| Annex 13: Agricultural Products Total Import Value, Thousand US Dollars | . 97 |
| Annex 14: Agricultural Products Trade Balance, Thousand US Dollars | . 98 |
| Annex 15: The First 15 Products & Partners in OIC's Exports, Thousand US Dollars | . 68 |
| Annex 16: The First 15 Products & Partners in OIC's Imports, Thousand US Dollars | . 69 |
| Annex 17: Land Use in the OIC Member Countries (2019)- Area 1000 Ha | . 70 |
| Annex 18: Cereals Total Production, Tonnes | . 71 |
| Annex 19: Oilcrops Primary Production, Tonnes | . 72 |
| Annex 20: Fruit Primary, Total Production, Tonnes | . 73 |
| Annex 21: Vegetables Primary, Total Production, Tonnes | . 74 |
| Annex 22: Beef and Buffalo Meat Production, Tonnes | . 75 |
| Annex 23: Meat, Poultry Production, Tonnes | . 76 |
| Annex 24: Sheep and Goat Meat Production, Tonnes | . 77 |
| Annex 25 Total Fisheries Production, Metric Tons | . 78 |
| Annex 26: Capture Fisheries Production, Metric Tons | . 79 |
| Annex 27: Fish and Fisheries Apparent Consumption, Average 2011-2013 | . 80 |
| Annex 28: Agricultural Land Productivity (Agr. GDP at 2010 constant prices / Arable Land) | . 81 |
| Annex 29: Agricultural Labor Productivity (2010 US Dollar Per Worker in Agriculture) | . 82 |
| Annex 30. Wheat Yield, Tonnes/Ha | . 83 |
| Annex 31: Maize Yield, Tonnes/Ha | . 84 |
| Annex 32: Seed cotton Yield, Tonnes/Ha | . 86 |
| Annex 33: Renewable Water Potential 2014-2017 | . 87 |
| Annex 34: Fertilizer Consumption, Kilograms per Hectare of Cropland | . 88 |
| Annex 35: Average Dietary Energy Supply Adequacy, Percentage | . 89 |
| Annex 36: Average Value of Food Production, Int. Dollars/Caput | . 90 |
| Annex 37: Average Protein Supply, gr/caput/day | . 91 |
| Annex 38 Number of People Undernourished, Million People | |
| Annex 39: Gross Domestic Product per capita, in Purchasing Power Equivalent, Constant 201 | 11 |
| Int. Dollars | |
| Annex 40: Percentage of Population with Access to Improved Water Source | . 94 |
| Annex 41: Per Capita Food Supply Variability, kcal/capita/day | . 95 |

Acronyms and Abbreviations

AWG Agriculture Working Group

COMCEC The Standing Committee for Economic and Commercial Cooperation of the

Organization of Islamic Cooperation

EIU Economist Intelligent Unit

EI Exposure Index

FAO Food and Agriculture Organization
FIES Food Insecurity Experience Scale

FLW Food Loss and Waste

GDP Gross Domestic Product

GhGs Greenhouse Gases
GHI Global Hunger Index
GNI Gross National Income

IFPRI International Food Policy Research Institute

ILO International Labor Organization

km3 Cubic Kilometer

LDC Least Developed Countries

LIFDC Low-income Food-deficit Countries

LMICs Low-and Lower-Middle-Income Countries

m3 Cubic Meter

OECD Organization for Economic Co-operation and Development

OIC Organization of Islamic Cooperation

TRADEMAP Trade Data Repository developed by International Trade Center of

UNCTAD/WTO

UN United Nations

WTO World Trade Organization

Introduction

The impacts of the COVID-19 pandemic on global agricultural and food systems have become increasingly apparent in 2021. It has shifted from being a global health crisis to a global food crisis. Maintaining sustainability of food supply chains (SFSCs) under COVID 19 is one of the top priorities of OIC and is also linked to the well-being and prosperity of its people where the global economy shrunk by 7.6% (OECD), OIC unemployment reached to 53.3 million, export/import ratio is around 65% against OIC trade deficits in agriculture. Additionally, 28 OIC countries are among the world's 54 low-income food-deficit countries (LIFDCs), have population growth (25%) surpassing their GDP growth (10%), 22 OIC member states exist out of 47 globally as LDC and close to 30% of undernourished people in the world reside in OIC.

COVID 19 has also disrupted the global food system and emphasized its structural inequity – from unequal food distribution to global lockdowns and to workers in the food system going hungry. Eventually COVID-19 pandemic added an additional 83 to 132 million people to the ranks of the undernourished in 2020. It has become evident that a post-COVID-19 era has started where this global health and economic crisis will have impacts for the years to come. The cost of a healthy diet exceeded the international poverty line, making it unaffordable for the poor. The cost also exceeded average food expenditures in most countries in the Global South: around 57 percent or more of the population cannot afford a healthy diet throughout sub-Saharan Africa and Southern Asia where this is critical for most OIC member states.

The low income OIC countries are the most susceptible to demand-side transmission of the pandemic. Almost 70% of the OIC countries have intermediate-high to high levels of risks in terms of demand-side transmissions. In contrast, only 10% have a low risk of exposure to the demand side. Overall, economic and income contraction amid the COVID-19 control measures would increase the poor population thereby putting more people under a food-insecure state. In order to minimize the negative impacts of COVID-19 OIC Member Countries kept the agrifood value chain functioning and protected the most vulnerable populations by ensuring the sustainability of their food supply chains as much as possible. In terms of Intra-OIC cooperation level, the turbulence created by COVID-19 also created opportunities under crises for the OIC member countries to strengthen their existing potential for cooperation with each other.

Agriculture is one of the leading sectors in terms of its contribution to income, employment, and trade in most of the OIC member countries. In 2019, OIC agricultural gross domestic production (GDP) reached 673 billion US Dollars with a share of 19 percent in the world's agricultural production. Furthermore, the number of people employed in the agricultural sector in the OIC member countries reached 212 million in 2019, which accounts for 24 percent of world's agricultural employment. In 2019, the number of people employed in agriculture decreased 36 million and reached to 212 million people. Most of the OIC member countries have trade deficits in agriculture and as of 2019, 23.3 billion US Dollars trade deficit occurred in the OIC with an export/import ratio of around 65% where most of the OIC member countries still have trade deficits in agriculture. Thus, agricultural sector is of critical importance for many OIC member countries for generating income, increasing welfare, eradicating extreme poverty and hunger especially under the impact of COVID 19.

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 under the ongoing and post impacts of COVID 19. 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. Updated key figures and tables created by 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. Lastly, a new section titled 'Transforming Food Systems After COVID-19: Post COVID-19 Effects on Agriculture in OIC' was added.

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 counties 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.

 $^{^{\}scriptscriptstyle 1}$ COMCEC, 2012

² Cervantes-Godoy and Dewbre

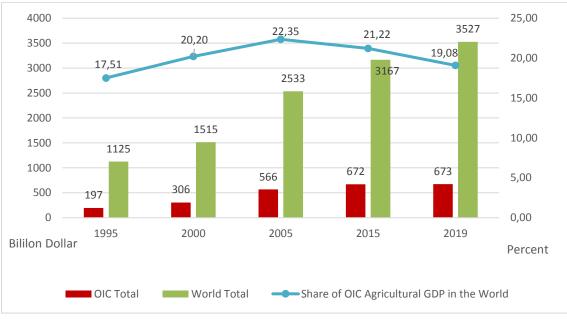


Figure 1 OIC Agricultural GDP and its Share in the World

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 1995, OIC agricultural GDP was 197 billion US Dollars with a share of 17.51 percent in the world's agricultural production. In 2019, OIC agricultural GDP reached 673 billion US Dollars with a share of 19.08 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 28.31 percent of total world agricultural area as of 2019. Therefore, the potential of agricultural sector in OIC member countries could be more effectively utilized to increase their share in world agricultural output.

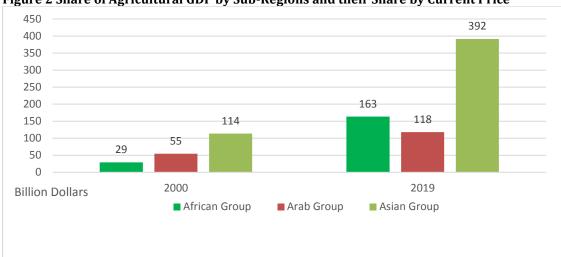


Figure 2 Share of Agricultural GDP by Sub-Regions and their Share by Current Price

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 considerably, and it shows an uneven pattern over time. The relative performance of Asian Group is getting strong compared to the Arab and African Groups in the period of 2000-2018. Also, Asian Group has the highest contribution to agricultural production over the years.

As of 2019, OIC agricultural GDP reached to 673 billion US Dollars and the contribution of Asian group to this value is 392 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 and Arab Group with almost 163 and 118 billion US Dollars, respectively. From 2000 to 2019, the share of African group agricultural GDP in OIC agricultural GDP increased to 24.22 percent from 9.48 percent. On the other hand, the share of Arab Group agricultural GDP in OIC agricultural GDP stayed almost the same with 17.97 percent in 2000 and 17.53 percent in 2019. Share of Asian group increased from 37.25 to 58.25 percent in the same period.

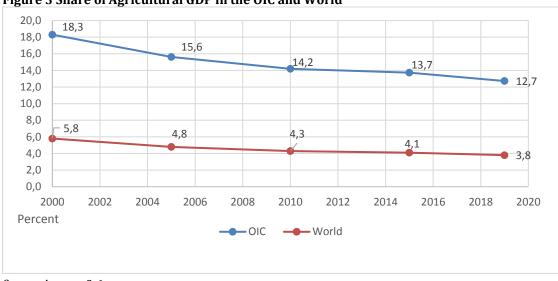


Figure 3 Share of Agricultural GDP in the OIC and World

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 2000, the share of agricultural sector in OIC member countries in total GDP was around 18.3 percent, decreased to 15.6 percent in the following decade. From 2005 to 2010, the increase in the share of agricultural sector in OIC member countries' total GDP decreased from 15.6 to 14.2. As of 2020, it decreased to 12.7 percent which is the lowest value in the share of agriculture in the world's total GDP in the last 20 years. This demonstrates a progressive converging to the low-level share of agricultural contribution to the GDP in the OIC region.

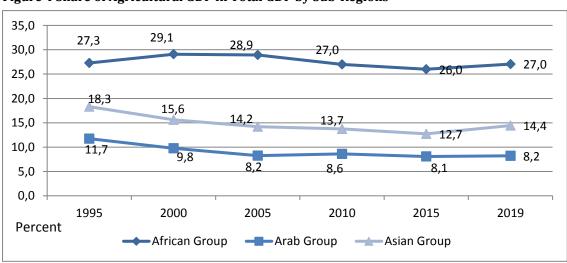


Figure 4 Share of Agricultural GDP in Total GDP by Sub-Regions

Source: Annexes 2-6

The share of agriculture sector in total GDP varies significantly across regions in the OIC (Figure 4). African Group has the highest share of agricultural GDP, with 27.0 percent in 2019. It is followed by Asian and Arab groups with 14.4 percent and 8.2 percent, respectively. Even though the relative contribution of agricultural activity to the economy has shown fluctuations around the same values in African Countries, it registered a decreasing path in both Arab and Asian Countries in the last 25 years.

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 2019. Indonesia has the highest value-added agriculture in the OIC with 142.3.2 billion US Dollars, which accounted for the 21.14 percent of total GDP in 2019. Nigeria was the second country with 98.2 billion US Dollars and its agricultural GDP constituted 14.59 percent of the total GDP. In 2019, top ten countries produced 519.5 billion US Dollars of agricultural GDP, which was more than 77 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 2019 the share of agricultural GDP in country's total GDP was the highest in Indonesia with 12.71 percent. In the top ten country rankings, Nigeria was the only country whose shares of agriculture sector in the economy were higher than 20 percent in 2019.

Table 1 Agricultural GDP Rankings in the OIC

| | | 2015 | | | 2019 | |
|----|------------------------------------|--------|---|----------------------------|--------|---|
| | Agricultural GD (Billion Dollar | | Share of Agri. in GDP in OIC,% | Agricultura (Billion Do | | Share of Agri. in GDP in OIC,% |
| 1 | Indonesia | 116.2 | 17.29 | Indonesia | 142,3 | 21.14 |
| 2 | Nigeria | 100,4 | 16.25 | Nigeria | 98,2 | 14.59 |
| 3 | Pakistan | 64.4 | 10.43 | Pakistan | 61,3 | 9.11 |
| 4 | Turkey | 59,4 | 9,62 | Turkey | 48,9 | 7.26 |
| 5 | Iran | 40,4 | 6.54 | Bangladesh | 38,4 | 5.70 |
| 6 | Egypt | 37,5 | 6.07 | Egypt | 33,5 | 4.98 |
| 7 | Bangladesh | 28,8 | 4.66 | Iran | 31,5 | 4.68 |
| 8 | Uzbekistan | 25,2 | 4.08 | Malaysia | 26,5 | 3.94 |
| 9 | Malaysia | 25,0 | 4.05 | Algeria | 21,2 | 3.15 |
| 10 | Sudan | 20,8 | 3.37 | Saudi Arabia | 17,7 | 2.63 |
| | Top Ten Total | 518,10 | 77,13% | Top Ten Total | 519,5 | 77.17% |
| | OIC Total | 671,7 | 21,21% | OIC Total | 673,2 | 19.09% |
| | World | 3166,9 | | World | 3526,8 | |

Source: Annexes 2-6



1.2 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 sector 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 during the period of 1995-2019. It can be deduced that natural conditions may have caused these fluctuating patterns. 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.

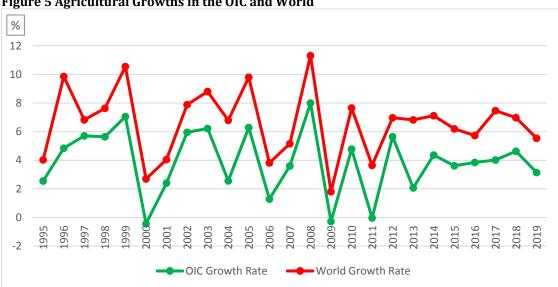


Figure 5 Agricultural Growths in the OIC and World

Source: Annexes 2-6

The average annual agricultural growth in the OIC decreased slightly from 4.25 percent in 199-2005 to 3.57 percent in 2005-2014 period. 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 25 years, OIC's both agricultural and overall growth rates, realized as 3.90 percent and 4.34 percent respectively, surpassed the world (Table 2).

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

| Period | | OIC | World | | |
|-------------|----------------|--------------------|----------------|--------------------|--|
| Periou | Agr. Growth | Economic Growth | Agr. Growth | Economic Growth | |
| (1995-2004) | 4.25 | 4,43 | 2.66 | 3.18 | |
| (2005-2014) | 3.57 | 4.87 | 2.84 | 2.83 | |
| (1995-2019) | 3.90 | 4.34 | 2.71 | 2.97 | |

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 1995-2004 a 4.30 percent value. The lowest growth in agriculture was observed in the Asian Group with 3.22 percent in 2005-2014 period.

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

| Period | Africa | n Group | Arab Group | | Asian Group | |
|-------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|
| | Agr. Growth | Econ. Growth | Agr. Growth | Econ. Growth | Agr. Growth | Econ. Growth |
| (1995-2004) | 4.30 | 4.47 | 4.28 | 4.65 | 3.31 | 4.56 |
| (2005-2014) | 3.91 | 4.83 | 3.36 | 4.94 | 3.22 | 5.41 |
| (1995-2019) | 4.12 | 4.59 | 3.73 | 4.54 | 2.81 | 3.18 |

Source: Annexes 2-6

For all three of the sub-regions, average yearly agricultural growths stayed behind their overall economic growths during the 1995-2019 period. Nevertheless, in all three sub-regions, agricultural growth rate during this period was higher compared to the world.

1.3 Population

Population in the world has reached 7.75 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 1.91 billion in 2020. This constituted almost a quarter of the world population. Although its share in total population has been decreasing from year to year, almost half of the OIC member countries' population (42.85%) is still living in rural areas. Furthermore, 23 percent of the people living in rural areas are employed in agricultural activities.

Agriculture sector should provide enough food for the growing population in the world and especially in the OIC. In the last 20 years, the agricultural GDP expanded globally by an average of 2.78 percent a year, more than the population growth of 0.85 percent. In the same period, OIC Member Countries have experienced yearly 2.85 percent growth in agricultural GDP, and 1.31 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 |
| (1995-2018) | 2.83 | 2.85 | 1.48 | 2.41 | 1.26 |

Source: Annex 7

Table 4 presents the sub-regional average yearly 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 2.83 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, 1.53 percent in 2005-2016 and 1.48 percent in 1995-2018 periods.

While the rural population of the OIC member countries was 698 million people in 1995 with 54 percent share in total population, it increased to almost 928 million people, constituted 43 percent of the total OIC population in 2020. 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 55,65 percent and the lowest level was Arab Group with 29.90 percent in 2020 (Figure 6).

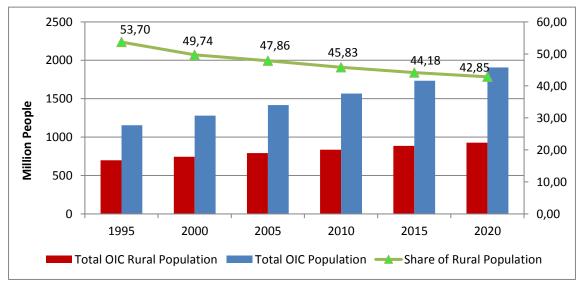


Figure 6 Share of Rural Population in the OIC

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 24 OIC Member Countries. For instance, as of 2020, the share of people living in rural areas and engaged in agriculture was over 75 percent in some OIC Countries such as Chad and Uganda. 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

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³ SESRIC, 2016

1.4 Agricultural Employment

As many of the developing countries, agriculture is one of the prominent sectors which employs significant number of workers in the OIC member countries. The number of people employed in the agricultural sector in the OIC member countries reached 212 million in 2019. This accounts for 24 percent of the world's agricultural employment.

In 2000, OIC member countries' agricultural sector employed almost 248 million people. Up to 2019, the number of people employed in agriculture decreased 36 million and reached to 212 million people (Figure 7).

In this period, both agricultural employment and the proportion employed in agriculture is decreasing over time. In 1995 agriculture accounted for almost 42 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 around 41 and 40 percent in the OIC and the world respectively. After that, the share of agriculture in the OIC's total employment and in the World is still decreasing. In 2019, the proportion of agricultural employment is realized as 30.34 percent in the OIC and 26.86 percent in the world.

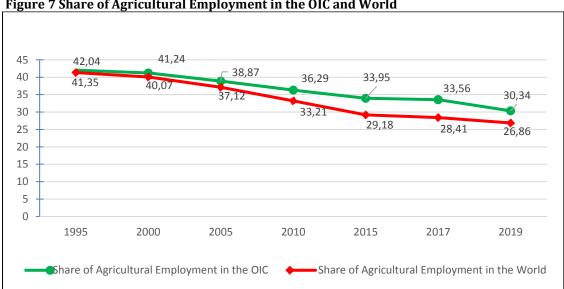


Figure 7 Share of Agricultural Employment in the OIC and World

Source: Annex 10 and 11

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

1.5 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.

Agricultural commodity trade of the 57 OIC member countries increased considerably in the last decade up to 2019. Total agricultural trade in the OIC member countries grew by more than 4 times during this period and reached 205 billion US Dollars in 2019 (Figure 8). In 2019, total agricultural imports of OIC member countries reached 116 billion US Dollars, from 21 billion US Dollars in 2001. Correspondingly, total agricultural exports of OIC member countries were 89 billion US Dollars in 2019 compared to 13 billion US Dollars in 2001.

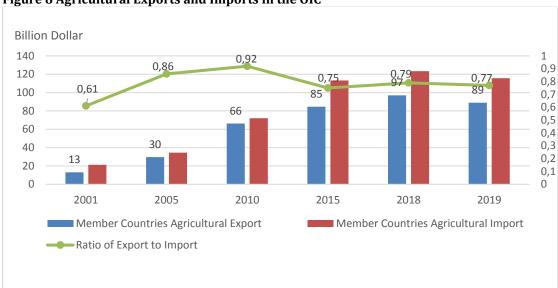


Figure 8 Agricultural Exports and Imports in the OIC

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 61 percent in 2001, it increased to almost 92 percent in 2010. However, the export/import ratio has shown a declining path around 79 percent in recent years. The poor performance of agricultural exports in 2019 negatively affected the export/import ratio, regressing it to almost back to 2015 level, 77 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 13.19 percent in 2019 from 8.28 percent in 2001. Correspondingly, the contribution of OIC agricultural exports to world total agricultural export reached 5.24 percent. Both agricultural imports and exports have significantly risen in the period of 2001-2015. During the 2010-2019 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 2019, 23.3 billion US Dollars trade deficit occurred in the OIC. Figure 10 also illustrates the agricultural trade balance in the OIC Sub-Regions in 2019. The only group which had a positive trade balance was the Asian Group with 23.1 billion US Dollars. On the other hand, African and Arab Groups have registered

trade deficits of 8.9 and 37.7 billion US Dollars, respectively.

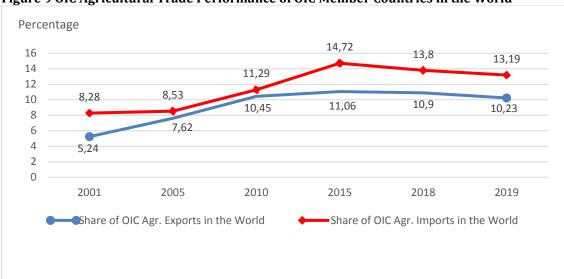


Figure 9 OIC Agricultural Trade Performance of OIC Member Countries in the World

Source: Annex 12 and 13

At the sub-regional level, Asian Group had the highest share in OIC's agricultural exports with 63.1 percent in 2019. Asian Group was followed by Arab and African Groups with 61.2 percent and 11.2 percent respectively. In terms of agricultural imports, Arab Group accounted for 52.9 percent of the OIC's total in the same period. It was followed by Asian and African Groups with 37.4 percent and 9.7 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.

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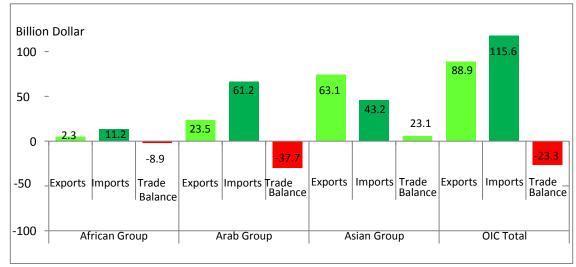


Figure 10 Agricultural Products Trade Balance in the OIC by Sub-Regions, 2019

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 5.15 percent over the last 50 years. The global irrigated area has almost 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 2019 data, agriculture uses 3.2 billion hectares, representing 36.5 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, 2019

| | Total Land Area | Agricultural Area | Arable land | Permanent Crops | Permanent Meadows and Pastures |
|-------------------------------|--------------------|----------------------|-------------|--------------------|---|
| OIC (million ha) | 3133 | 1359 | 314 | 67 | 978 |
| Share in Total Agr. Area (%) | | 100.0 | 23.1 | 4.9 | 72.0 |
| World (million ha) | 13030 | 4752 | 1383 | 170 | 3196 |
| Share of OIC in the World (%) | 24.05 | 28.60 | 22.70 | 39.41 | 30.60 |

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 3.13 billion hectares, equals to 24,05 percent of the world's total land area. Almost 1.36 billion hectares, representing 43,4 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 28,6 percent.

In the OIC, out of these 1.36 billion hectares of agricultural area, 314 million hectares are arable land, 67 million hectares are reserved for permanent crops, and around 978 million hectares are used as permanent meadows and pastures. Most of OIC member countries' agricultural area, (72.0 percent), consists of permanent meadows and pastures. This is in line with the general distribution in the world where 67 percent of agricultural area consists of permanent meadows and pastures. When compared to EU countries, where almost 60 percent of the agricultural land is arable, 31 percent consists of permanent meadows and pastures and 5 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, 2019

| OIC Sub-region | Land area | Agricultural Area | Arable land | Permanent Crops | Permanent Meadows and Pastures |
|-------------------|-----------|----------------------|-------------|--------------------|--------------------------------------|
| African Group (%) | 24,52 | 25,40 | 33,80 | 25,81 | 26,14 |
| Arab Group (%) | 41,75 | 35,18 | 18,46 | 13,04 | 42,09 |
| Asian Group (%) | 33,73 | 39,42 | 47,73 | 60,82 | 35,29 |
| OIC Total (%) | 100 | 100 | 100 | 100 | 100 |

Source: FAOSTAT

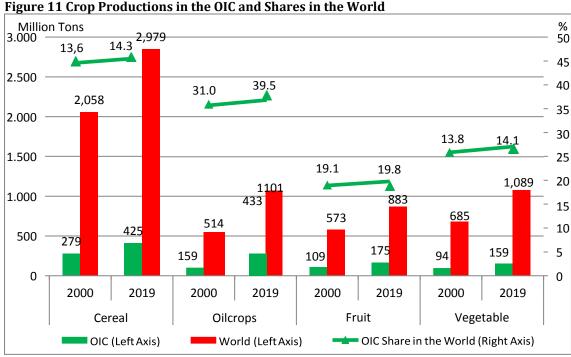
Table 6 reveals that Arab and Asian Groups constitute 35.18 and 39.42 percent of the total agricultural area of the OIC. They are followed by the African Group with 25.40 percent. Arab Group has the highest share in permanent meadows and pastures of OIC with 42.09 percent. Asian Group has the highest share in the arable and permanent crop areal with 47.73 and 60.82 percent, respectively.

At the individual country level, Kazakhstan with 15.8 percent, Saudi Arabia with 12.8 percent, Nigeria with 5.09 percent, Sudan with 5.02 percent, and Indonesia with 4.59 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 10.85 percent in the OIC. Pakistan, Kazakhstan, Indonesia and Sudan are the following countries which share OIC's total arable land with 9.73 percent, 9.53 percent, 8.39 percent, and 6.32 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 2019, OIC member countries contributed 425 million tons to the world cereal production, representing 14.3 percent of the world total cereals production. Even though the cereal production increased by 52,5 percent in the period of 2000-2019, the share of OIC member countries in the world cereal production showed a very slight increase. As of 2019, 433 million tons of oil crops were produced in the OIC, compared to 159 million tons in 2000. This substantial amount of oil crops production in the OIC significantly stimulated the share of OIC member countries in the world oil crops production, which increased from 31.0 percent to 39.5 percent during the 2000-2019 period. Among the commodity groups in the OIC, oil crops have the highest share in the world.



Source: Annex 18-21

In 2019, the share of OIC member countries in the world fruit production amounted to 19.8 percent, compared to 19.1 percent in 2000. The share of OIC member countries in the world total production of vegetables were around 13.8 percent in 2000 and increased to 14.1 percent in 2019.

Figure 12 illustrates the developments in meat production in the OIC member countries and its share in the world. In 2018, 10.1 million tons of beef and buffalo meat was produced in the OIC as compared to 5.5 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. 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 9.84 percent in 2000 to 14.15 percent in 2018.

⁴ SESRIC, 2015

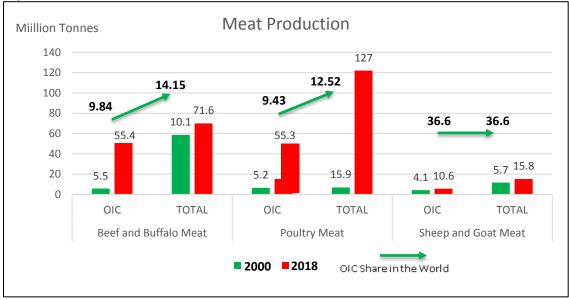


Figure 12 Meat Productions in the OIC and Shares in the World

Source: Annex 22-24

Similarly, a dramatic surge is observed in the poultry meat production during the same period. While it was 5.2 million tons in the beginning of the century, it almost tripled and reached 15.9 million tons in 2018. Likewise, the increase in the share of OIC poultry meat production in the world was dramatic, 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 12.52 percent in 2018, from 9.43 in 2000. Finally, sheep and goat meat production of OIC member countries continued to grow and exceeded 5.7 million tons in 2018. Compared to beef and buffalo meat and poultry meat, the share of sheep and goat meat production of OIC member countries in the world stayed the same over time, with a 36 percent share.

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 (Figure 13). 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.

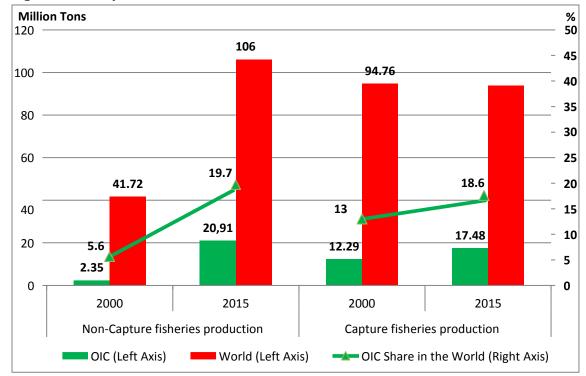


Figure 13 Fishery Productions in the OIC and Shares in the World

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 productive to denote sector input use efficiency, namely, productivities of land and labor 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 1995-2018 using the real agricultural GDP at 2010 prices.

Figure 14 Land Productivity in the OIC and World (Agr. GDP at 2010 constant prices) Dollar/ha 3 1995 2000 2005 OIC Average Agricultural Productivity World Average Agricultural Productivity

Source: Annex 28

In 2018, average agricultural land productivity of OIC member countries reached to 2,193 US dollars/ha, from 1188 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 1995-2018, agricultural land productivity of the world increased by 108.5 percent, compared to only 84.6 percent in the OIC member countries. The significant rates of growth in both OIC and the World realized between the period 1995 and 2018, can be explained by dramatic increases in real agricultural values added, while arable land areas remained almost the same.

3000 2618 ₂₅₅₈ 2500 2218 ₂₀₉₈ 2245 1843 2000 1652 1490 Jollar/ha 1371 1339 1500 877 1000 485 500 0 Asian Group African Group Arab Group ■ 1995 ■ 2005 ■ 2015 ■ 2018

Figure 15 Land Productivity in the OIC by Sub-Regions (Agr. GDP at 2010 constant prices)

Source: Annex 28

At the sub-regional level, Asian Group had the highest level of agricultural land productivity in the OIC with 2,558 US Dollars per hectare in 2018 (Figure 15). The Asian Group was followed by Arab Group with 2,245 US Dollars per hectare in 2018. 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 relatively high, even though its agricultural GDP is the lowest among the OIC sub-regions. Among the three sub- regions, African Group had the lowest level of agricultural land productivity during the period 1995-2018. 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 3 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 employments. 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 2018 using real agricultural GDP at 2010 prices as the measure of agricultural value added.

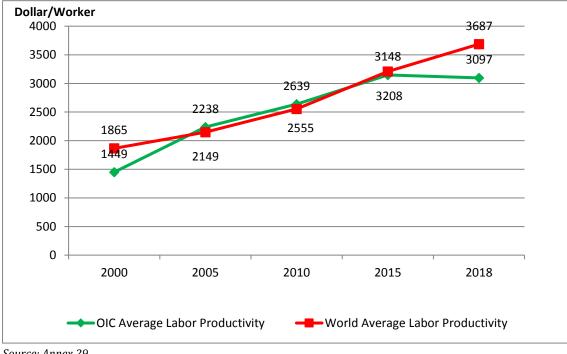


Figure 16 Labor Productivity in the OIC and World (Agr. GDP at 2010 constant prices)

Source: Annex 29

Labor productivity is started to be below the world average in the OIC in 2000. In 2018, average agricultural labor productivity of OIC member countries reached 3,097 US dollars/person, compared to 1,449 US dollars/person in 2000.

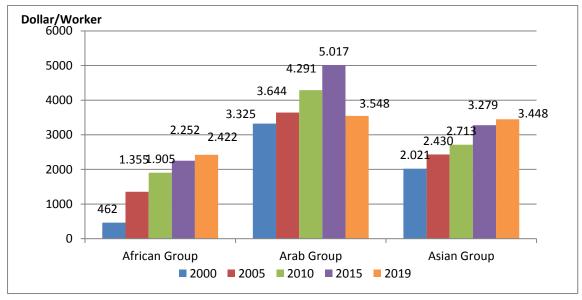


Figure 17 Labor Productivity in the OIC by Sub-Regions (Agr. GDP at 2010 constant prices)

Source: FAOSTAT

Figure 17 reveals that Arab Group has the highest labor productivity among the three regions. As of 2019, average agricultural labor productivity of Arab Group increased to 5,017 US dollars/person in 2015, from 3,325 US dollars/person at the beginning of 2000s. Looking at the individual countries in the Arab Group, United Arab Emirates, Saudi Arabia, Algeria, Kuwait, Oman and 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 Kuwait, United Arab Emirates and Saudi Arabia are comparable to those in high income countries.⁵

Although being very similar to Asian Group, the level of labor productivity in the African Group was the lowest in the OIC with 2,422 US dollars/person in 2019. Some African Group member countries such as, Niger, Guinea and Guinea-Bissau 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.

⁵ IDB, 2009

Figure 18 shows the yield of wheat, which is one of the most common cultivated products in the OIC. In 2018, average wheat yield of OIC member countries reached 1.7 tons/hectare, from 1.2 tons/hectare in 1995. Wheat yield increased in general both in the OIC and in the world during the last two decades. As of 2018, World average wheat yield was 50 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.

Yield (tonnes/ha) 4,0 3,4 3,4 3,5 3,0 2,8 3,0 2,5 2,5 2,0 1,7 1,6 1,5 1,4 1,3 1,5 1,2 1,0 2000 1995 2005 2010 2015 2018 ◆OIC ← World

Figure 18 Wheat Yields in the OIC and the World

Source: Annex 30

Figure 19 shows the maize yields in the OIC and the World. In 2018, average maize yield of OIC member countries reached 4.8 tons/hectare, from 2.9 tons/hectare in 1995. The increase in maize yield in the OIC member countries between 1995 and 2018 was parallel with the increase in the World; i.e., 66 percent for the OIC and almost 55 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 2018, world average wheat yield was 23 percent higher than that of OIC member countries.

Yield (tonnes/ha) 6,5 5,9 6,0 5,5 5,2 5,5 4,8 4,8 4,7 5,0 4,4 4,3 4,5 3,9 3,8 4,0 3,4 3,5 2,9 3,0 2,5 2,0 1995 2000 2005 2010 2015 2018 OIC--World

Figure 19 Maize Yields in the OIC and the World

Source: Annex 31

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 1995-2018. 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 0.87 tons/hectare in 1995, it slightly increased to 0.96 tons/hectare in 2018. Over the period of 1995-2018, the world average cotton yield was always higher than the OIC figures. As of 2018, world average cotton yield was 128 percent higher than OIC's.

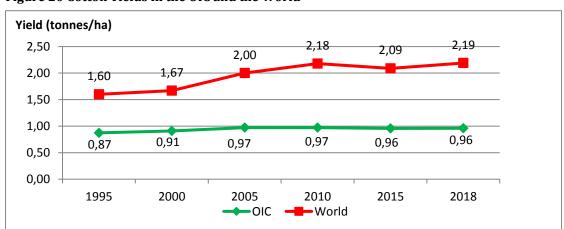


Figure 20 Cotton Yields in the OIC and the World

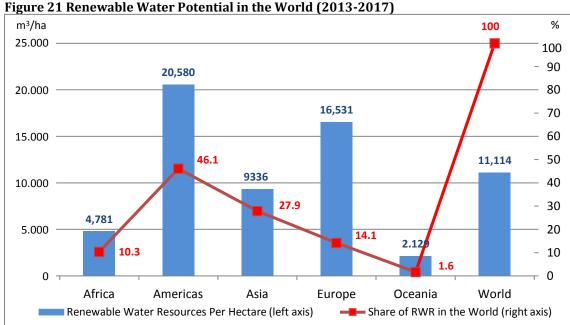
Source: Annex 32



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 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.



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

⁶ Navak and Bhattacharjee, 2005

⁷ Nellemann et. al, 2009

⁸ UNEP, 2002

⁹ SESRIC, 2014

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.

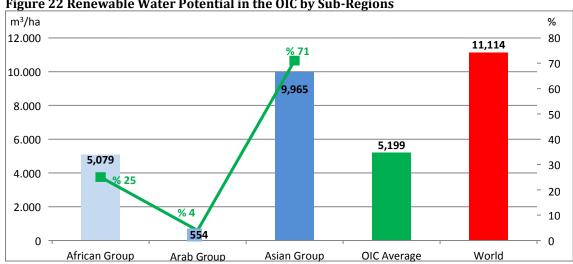


Figure 22 Renewable Water Potential in the OIC by Sub-Regions

Source: Calculated by using AQUASTAT and FAOSTAT

Renewable Water Resources Per Hectare (left axis)

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.

Share of RWR in the OIC (right axis)

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 has 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 (m³/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 (m³/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 way 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 is 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 sharply dropped from 569 kilograms in 2015 to 74 kilograms in 2018. The world average fertilizer use stayed at almost the same level and reached to 120.67 kilograms from 103.44 kilograms in 2005. As of 2018, average fertilizer use in the OIC member countries was 63 percent below the World average level (Figure 23).



Figure 23 Fertilizer Use in the OIC and World

¹⁰ SESRIC, 2014

Source: FAOSTAT

At the sub-regional level, the use of fertilizers in the African Group Countries was very low with 11.1 kg/hectare in 2018. On the other hand, the use of fertilizer in Arab Group Countries and Asian Group Countries are 117.2 kg/hectare and 93.4 kg/hectare, respectively (Figure 24).

kg/ha 1800,00 1619,61 1600,00 1400,00 1200,00 1000,00 697,39 800,00 600,00 400,00 117,20 87.40 200,00 4,60 5,98 7,37 ^{11,09} 0,00 African Group Arab Group Asian Group **■** 2005 **■** 2010 **■** 2015 **■** 2018

Figure 24 Fertilizer Use in the OIC by Sub-Regions

Source: FAOSTAT

2.6 Mechanization

The ratio of number of tractors 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 tractors 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. 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 2016-18 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. Average dietary energy supply adequacy in the OIC has become slightly lower compared to the world recently.

¹² FAO, 2008

Percentage 124 122 121 122 119 120 120 120 118 115 118 116 114 115 112 114 110 108 1999-2001 2004-2006 2009-2011 2014-2016 2016-2018 OIC —World

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 123 percent in 2016-2018. Considering the adequacy rate of developed countries which is 136 percent, Arab Group has moderately lower dietary energy supply adequacy than developed countries. Arab Group is followed by Asian and African Group with 121 and 116 percent of average dietary energy supply adequacy; respectively. 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).

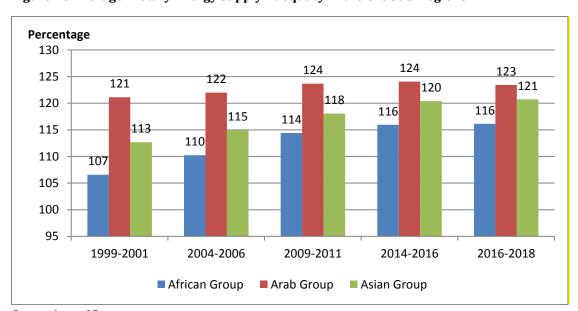


Figure 26 Average Dietary Energy Supply Adequacy in the OIC Sub-Regions

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.

Int. \$ per caput 350 301 280 300 259 250 194 186 176 200 150 103 100 50 0 -2000-2002 2005-2007 2010-2012 2016-2018 OIC World

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 2000-2002 to 2016-2018. As of 2016-2018, average value of food production in the OIC member countries decreased to 65 dollars per capita, from 176 dollars in 2000-2002. Between these periods, it has decreased by 63 percent and stayed lower than the world average.

At the sub-regional level, Asian Group has the highest average value of food production per caput with 94 dollars, decreasing from 221 dollars in 2000-2002. As of 2016-2018 period, Asian Group was followed by African Group and Arab Group with 55 and 46 dollars per capita respectively (Figure 28).



Int. \$ per caput 300 269 246 250 221 172 200 158 153 153 153 141 150 94 100 55 46 50 0 2000-2002 2005-2007 2010-2012 2016-2018 African Group Arab Group Asian Group

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.

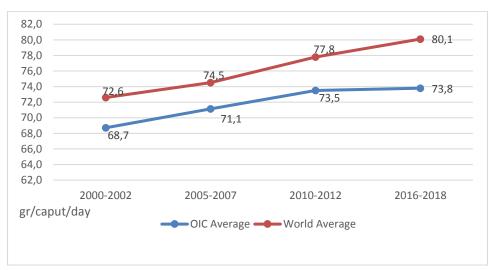


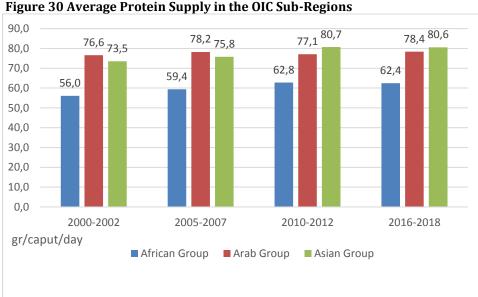
Figure 29 Average Protein Supply in the OIC and the World

Source: Annex 37

Figure 29 illustrates that average protein supply per caput in a day in the OIC member countries reached to 73.8 gr/caput in 2016-2018; while it was around 70 gr/caput in the middle of 2000s. Compared to the world, it was 68.7 at the beginning of the 2000s. In the last 20 years, it was always lower than the World average.

At the sub-regional level, as well as all four time periods included in this analysis, Asian Group had the highest average daily protein supply per person with 80,6 gr in 2016-2018. Asian Group was followed by Arab Group and African Group with 78,4 gr and 62,4 gr respectively. Protein supply is sufficient in very few countries such as Kuwait, Maldives, United Arab Emirates and

Turkey. In most of the African Group countries, only half of required amount of protein has been supplied (Figure 30).



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 2016-2018, 229.8 million people are expected to be undernourished in the OIC member countries which accounts for 28.37 percent of undernourished people in the World. In the last 20 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 21.75 percent in 1999-2001 to 28.37 percent 2016-2018. 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 and Caribbean where the majority of the OIC member countries are located.¹³

¹³ SESRIC, 2015

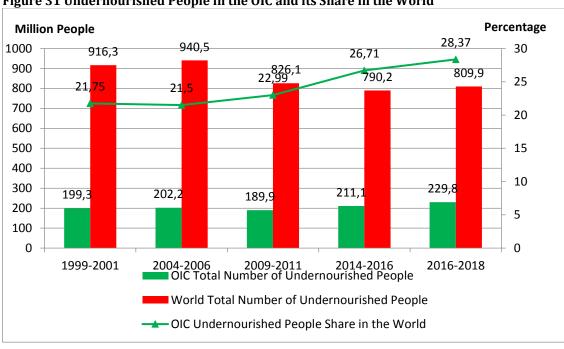


Figure 31 Undernourished People in the OIC and its Share in the World

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 2016-2018, 104.5 million undernourished people are expected to live in the Asian Group, which accounts for nearly 45 percent of undernourished population in the OIC.

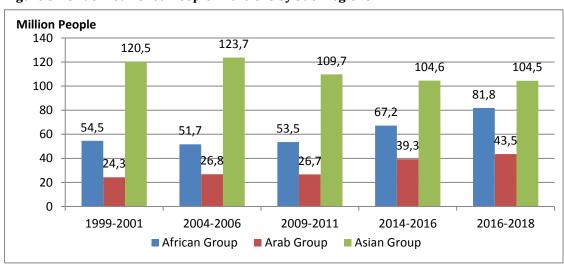


Figure 32 Undernourished People in the OIC by Sub-Regions

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.

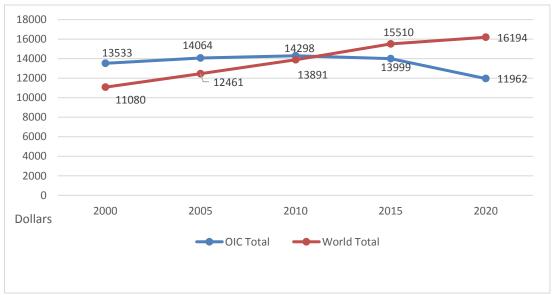


Figure 33 GDP Per Capita in the OIC and World

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 average. 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 16,194 Int. Dollars, while it was 13,533 Int. Dollars in 2000s. Compared to the world, average GDP per

¹⁴ WHO, 2015

¹⁵ FAO, 2015b

capita was almost the same in 2010, however, it has continued to decrease until now. Nonetheless, 11.6 percent decrease in the GDP per capita of the OIC member countries in the period 2000-2020 while the world average has increased 46% in the same time period.

At the sub-regional level, average GDP per capita of Arab Group was the highest with 16,855 Int. Dollars in 2020. It was followed by Asian Group and African Group with 15,759 and 3,272 Int. Dollars, respectively (Figure 34).

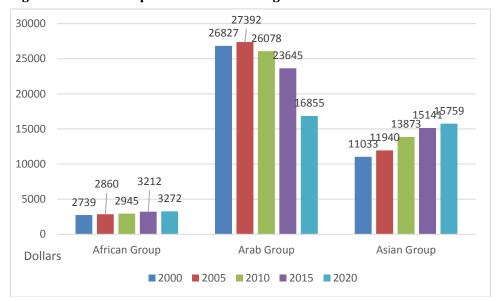


Figure 34 GDP Per Capita in the OIC Sub-Regions

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. 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.

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¹⁶ FAO, 2006

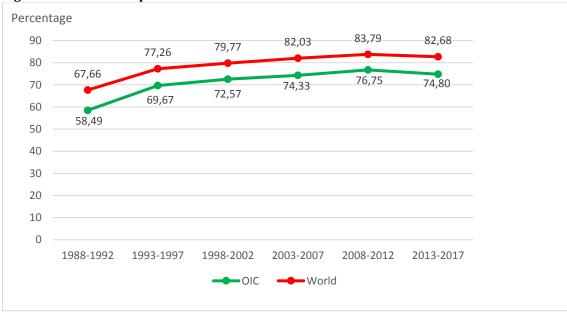


Figure 35 Access to Improved Water Sources in the OIC and the World

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, 74.80 percent of OIC population has access to improved drinking water sources compared to 58.49 percent in 1990. Access to improved water sources in the OIC has been lower than the world average over the years

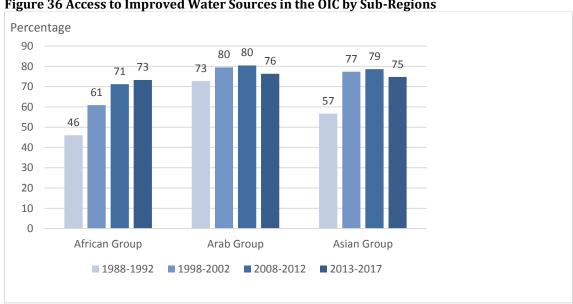


Figure 36 Access to Improved Water Sources in the OIC by Sub-Regions

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 since the values in these groups have been in line with the World average over the period of 1990-2015 (Figure 36). In the period of 1990-2000, African Group countries were quite below the World average. In 2015, the percentage of population having access to improved drinking water sources has reached 76 percent in the Arab Group 75 percent in the Asian Group, and 73 percent in the African Group, all of which were slightly lower than the World average. Even though great extent of progress has been achieved from the 1990s to the present in terms of population having access to improved drinking water sources, it is still a concern in the OIC Member Countries.

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).¹⁶

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.

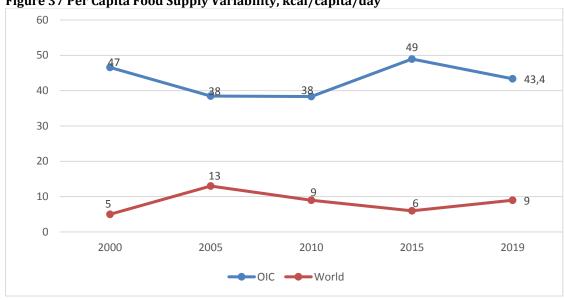


Figure 37 Per Capita Food Supply Variability, kcal/capita/day

Source: Annex 41

Figure 37 and 38 illustrates the domestic food price volatility index that corresponds to the variability of the "food supply in kcal/caput/day" in the world and OIC member countries, respectively. 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. As opposed to the decreasing trend in the World average after 2005, OIC level food supply variability has an increasing trend since the year 2010.

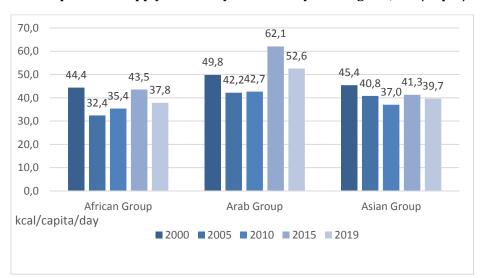


Figure 38 Per Capita Food Supply Variability in the OIC by Sub-Regions, kcal/caput/day

Source: Annex 41



At the sub-regional level, there appears to be a serious problem for each Group but it is most acute for Asian and African Group. In 2019, the food supply variability has reached 52 in the Arab Group and it is followed by 40 and 38 percent values for Asian and African Groups, respectively.

4. Transforming Food Systems After COVID-19: Post COVID-19 Effects on Agriculture in OIC

The effects of COVID-19 were strongly felt in 2021. Many poor and vulnerable people have faced serious threats to their immediate food security, health, and nutrition of which some OIC member states were harshly hit. Various vaccines were approved by international health authorities however, for those countries that cannot access to vaccines quickly, the pandemic prolonged, with consequences for people's long-term prospects as a result of lost livelihoods, malnutrition, missed education, and depleted assets. The crisis has also highlighted the weaknesses and deficiencies already present in our food, health and economic systems that leave the poor and vulnerable at more risk. Two years into the pandemic, loss of incomes, increased food insecurity, and reduced access to healthy diets make it clear that sustainable food systems must play a central role during post COVID-19 era to put nations worldwide on track to achieve the Sustainable Development Goals (SDGs) by 2030. Food systems need to be immediately transformed to meet those goals, to better prepare us for the next crises, and to benefit the world's poor and vulnerable people. The sustainability of food systems (SFS) in member states will play a major role and provide a solid platform to reach this goal.

The weaknesses and inequalities within food systems, among different world regions, rural and urban communities, rich and poor populations, and disadvantaged groups such as women where OIC countries are also among those hardly hit required solid policy responses. The bitter experience has teached the OIC communities that some food systems and sectors were more resilient than others, depending on their structure, governance, and roles of the public and private sector where 2021 offered a wide array of drastic lessons, innovations, and also opportunities that can transform our food systems not just to make them more resilient but also to make them more inclusive, efficient, sustainable, and healthy. Although income losses associated with lockdowns increased food insecurity and malnutrition and with increases in poverty; food supply systems still proved to be surprisingly resilient — albeit with large differences across food commodities and regions. Many countries among OIC rapidly introduced measures to secure the flow of food products, and governments expanded social safety net programs in new ways to ensure food security. Private sector innovations introduced along food supply chains (FSC) by both large companies and small and medium enterprises (SMEs) helped to overcome constraints such as lockdowns; they also stimulated investments in technologies and partnerships to keep food supply chains moving¹⁷.

¹⁷ Swinnen j., McDermott J., and Yosef S. (2021). 'Beyond the Pandemic: Transforming Food Systems after COVID-19'. In 'Transforming Food Systems after COVID 19, IFPRI, 2021.

The post-pandemic era offered a unique opportunity to fundamentally transform food systems. The fate of billions of people, many of whom have been pushed back into poverty, food insecurity, and malnutrition especially in OIC member states, depends on quick and bold action. At the national level, where 47.9% of the total population in OIC countries already suffer from food insecurity problems, quite higher than the world average of 25.4%; OIC Member States have deployed tremendous efforts to intensify joint Islamic action and solidarity in confronting the pandemic.

4.1. Losing the Track: The World and OIC

Our food systems already faced serious challenges in achieving equitable access to healthy, nutritious food for all (disrupting food security), environmental sustainability, and resilience to shocks even before the pandemic. The number of hungry people in the world had been rising again for several years, largely as a result of economic slowdowns, conflicts, and extreme weather events that contributed to food crises in many low- and lower-middle-income countries (LMICs)¹⁸.

COVID19 has decreased both demand- almost 70% of the OIC countries have intermediate-high to high levels of risks in terms of demand-side transmissions - and supply of food- OIC members majorly rely on food imports and fiscally exports of raw commodities (e.g., oil) of which the prices have collapsed during the pandemic- and agriculture products owing to shocks on logistics and trade. Additionally, many OIC countries were already off track for SDG 2: Zero Hunger by 2030 before the pandemic worsened the situation. Our food systems have also failed to make sufficient progress against malnutrition. Many poor countries now face the coexistence of undernutrition, micronutrient deficiencies, and overweight and obesity, and more than 3 billion people worldwide cannot afford a healthy diet. In addition, agricultural production and other activities along the food value chain are stressing the finite natural resources, biodiversity, and the environment. Globally, agri-food systems consume more than 30 percent of energy and produce more than 20 percent of greenhouse gases (GhGs)¹⁹. Climate change constitutes one of the greatest threats to our and future generations.

In order to overcome these massive challenges, food system transformation is the direct and clearest path. In this respect; ideal food systems have five critical attributes²⁰ (Figure 39).

They are efficient, providing incentives and removing hurdles for the private sector — from large businesses to smallholder farmers — to deliver efficiencies all along the food supply chain, including in crop production, infrastructure, food storage and transportation, and food consumption.

They contribute to global health, producing affordable, nutritious foods, boosting demand for them among consumers, and guarding food safety.

They are inclusive of smallholder farmers and groups such as women, youth, the landless, refugees, and displaced people, helping them to build decent livelihoods and to benefit as consumers and participants in decision-making.



They are environmentally sustainable, using technological innovations, regulations, and local collective governance approaches to conserve and protect natural resources as well as biodiversity²¹.

Finally, ideal food systems are **resilient**. They must be able to bounce back quickly from more frequent health, climate, and economic shocks, and also provide poor households with stable livelihoods that protect them from these shocks.

Strengthening these five food system attributes requires an enabling environment for optimal food system policies, governance, and accountability. In this respect the main strengths of sustainability of the national FSCs in OIC Countries were identified as: 1) in-place systems, 2) institutional capacities, and 3) organizations; and the major weakness was identified as: 1) disaster management capacity and 2) information infrastructure. Additionally, halal food trade and foreign direct investment during the pandemic, and agricultural labor force were defined as opportunities and extreme climatic events (droughts, floods, wildfires, hailstorms etc.) and swings in agricultural input prices were identified as major threats.

COVID-19 also has highlighted the risk of shocks to our food systems that can lead to multiple supply and demand disruptions assessing the need for a better resiliency against crises under turbulent times. Unfortunately, at the same time, ongoing climate-change-induced weather shocks continued as well as additional shocks affected OIC member states in 2021. Falling oil prices contributed to declines in incomes and food security in oil-exporting developing countries. Torrential rainfall in East Africa triggered swarms of locusts, and many countries experienced destructive flooding, typhoons, wildfires, hurricanes, and tropical storms that broke natural disaster records. With the likelihood that shocks, including pandemics and natural disasters, will only become more frequent, resilience from the farm to the global level must be a focus for food system transformation²².

¹⁸ FAO-SOFI, 2021

¹⁹ IPCC 2020

²⁰ Fans et. al. (2021) https://www.annualreviews.org/doi/10.1146/annurev-resource-101520-081337

²¹ Dobson et al., "Ecology and Economics for Pandemic Prevention, (2020)." Science 369, no. 6502: 379–381.

 $^{^{22}}$ Alpas, H. (2021). https://www.comcec.org/agriculture/presentations-of-the-17th-meeting-of-the-comcecagriculture-working-group/

Figure 39 Food system transformation goals



Source: https://www.annualreviews.org/doi/10.1146/annurev-resource-101520-081337

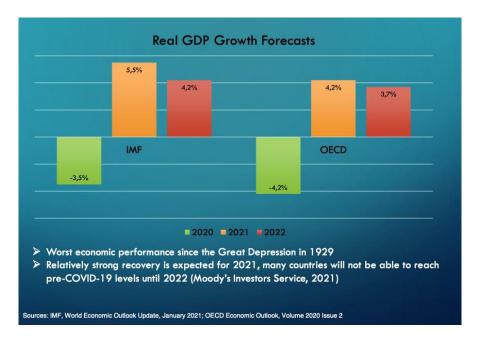
4.2. Impacts of post-COVID-19 on Food Systems

The pandemic and the policy responses adopted to address it have affected our food systems from the global to the local level, setting back already-uneven progress and exposing weaknesses and vulnerabilities. In this respect the following have been identified among many different impacts of the pandemic and post-pandemic responses on the world's food systems. These are based on what we have drastically and dramatically learned from the pandemic up to now (as of November 2021) possibly forecasting a pathway to transform food systems for the long term in the post-COVID 19 era²³.

4.2.1. Income Loss

The pandemic's impacts on food security have been induced primarily by falling incomes. The World Bank estimates that the global economy shrank by 5 percent in 2020, with the greatest burden borne by poor people (Figure 40)²⁴.





By the end of 2020, 95 million additional people -mostly in Africa south of the Sahara- were estimated to be living in extreme poverty²⁵. IFPRI research estimates that the number of poor people globally is likely to increase by about 150 million, 20 percent above the pre-pandemic poverty levels²⁶. The experiences of many countries confirm the importance of lost incomes. Food systems, which directly employ over a billion people, are about to lose more than 451 million jobs or 35% of formal employment, according to an unpublished FAO/IFPRI estimate. The jobs most at risk are in food processing, services, and distribution, disproportionately affecting female workers especially in food insecure hotspots²⁷ (Table 9).

²³ HLPE 2020. https://www.fao.org/3/ca9731en/ca9731en.pdf

²⁴ OECD 2021. https://www.oecd.org/economic-outlook/may-2021/

Table 9 Formal Jobs at Risk in Food systems

| Where in value chain | Jobs (million) | Livelihoods (million) |
|----------------------------------|----------------|-----------------------|
| Primary production | 716,77 | 2,023,80 |
| Food processing | 200,73 | 484,54 |
| Food services | 168,97 | 339,44 |
| Distribution services | 96,34 | 241,48 |
| Transportation services | 41,61 | 101,05 |
| Machinery | 6,51 | 13,18 |
| Inputs | 4,89 | 11,06 |
| R & D | 0,13 | 0,29 |
| Total | 1,280,93 | 3,214,84 |
| Total at risk due to COVID 19 | 451,64 | 1,090,89 |

Source: https://ebrary.ifpri.org/utils/getfile/collection/p15738coll2/id/133762/filename/133971.pdf

Remittance income was particularly affected because of the pandemic restrictions on travel and movement. In 2019, remittances represented more than 10 percent of gross domestic product (GDP) in seven African countries, and were also important for low-income Asian and Latin American countries²⁸.

Overall, these led to increased food insecurity in 2020 and 11.9 percent of the world population (928 million people) were exposed to severe food insecurity based on the Food Insecurity Experience Scale (FIES) (Figure 41). The levels and trends over the 2014–2020 period are broadly consistent with those of the prevalence of undernourishment (PoU), confirming that these two indicators complement each other as they both measure the extent of severe food deprivation. In 2020, it is estimated that an additional 18.5 percent of the world population, or 1.4 billion people, have experienced food insecurity at moderate levels. This brings the total estimates for moderate or severe food insecurity in 2020 to 30.4 percent of the world population, or 2.4 billion people²⁹.

 $^{^{25}}$ Wourterse F., S. Murphy, and J. Porciello, "Social Protection to Combat Hunger," Nature Food 1 (2020): 517–518.

²⁶ Laborde Debucquet D., W. Martin, and R. Vos, "Impacts of COVID-19 on Global Poverty, Food Security and Diets," IFPRI Discussion Paper 1993 (IFPRI, Washington, DC, 2020).

²⁷ IFPRI 2020. https://ebrary.ifpri.org/utils/getfile/collection/p15738coll2/id/133762/filename/133971.pdf ²⁸ Kalantaryan S. and S. McMahon. (2020) *Covid-19 and Remittances in Africa*, JRC Technical Report (Luxembourg: European Union, 2020).

²⁹ FAOSTAT (2021), https://doi.org/10.4060/cb4477en-fig49



50 30 20 10 2014 2014 2020 2014 2020 2014 2020 2014 2020 2014 2020 2020 Africa Northern America Latin America Oceania and the Caribbear and Europe ■ Severe food insecurity Moderate food insecurity

Figure 41 Food Insecurity Levels Based on the Food Insecurity Experience Scale (FIES) by Region

Source: FAOSTAT (2021), https://doi.org/10.4060/cb4477en-fig49

4.2.2. Disruption in Food Supply Chains (FSCs)

Food supply chains were disrupted by labor restrictions and falling demand, although impacts varied along the value chains and between countries and commodities. Food services were particularly affected, and many poor people lost jobs in urban areas, especially in the agricultural production due to travel restrictions and lockdowns. Traditional food systems, with few linkages beyond the farm where some OIC members were advantageous, and modern, vertically integrated systems were relatively resilient. Food systems transitioning from traditional to modern, which are characterized by longer supply chains and still-fragmented storage, transportation, and service were more vulnerable.

Among the countries most vulnerable to food crises, the FAO identified 28 OIC countries with weak food systems. According to the FAO's classification for 2020, 28 OIC countries were among the world's 54 low-income food-deficit countries (LIFDCs). Within this frame even though OIC countries own over quarter of world's agricultural area and produce 20% of world's agricultural value-added products, they have a trade deficit in agriculture with exports meeting only two thirds of the imports. Most of the OIC states are in Sub-Saharan Africa and dry regions of West Asia and Northeastern Africa. The majority of LIFD-classified countries suffer from high undernourishment, intricate political conditions, and low incomes. These characteristics made it more difficult for actors in OIC for transitioning existing food supply chains to access markets and to procure labor and input supplies, which were affected by drops in demand and government restrictions during the pandemic³⁰.

³⁰ FAO Food Outlook Covid 2020, http://www.fao.org/3/ca9509en/ca9509en.pdf

Modern, vertically integrated supply chains, with more options in terms of suppliers and logistics as well as the ability to move many transactions online, were and will be most able to adjust to the pandemic and post-pandemic conditions; respectively.

Impacts on agricultural production and trade were also mixed. Both labor supply and perishable products were notably affected by mobility restrictions under global lockdowns. In many countries, the pandemic struck during the agricultural season, and mobility restrictions reduced the availability of labor for harvesting and other farming activities, with the most severe impacts on farms that rely heavily on hired labor. This not only affected the food production and food supply but also food loss and waste were triggered.

Some countries responded to the pandemic with trade restrictions where restrictions on exports can reduce incomes of producers, and run the risk of triggering food price spikes in importing countries. According to IFPRI's Food Trade Policy Tracker, 19 countries introduced export restrictions, with severe effects on importing countries, including some of the poorest countries in Central Asia and Africa south of the Sahara. However, many of these restrictions were removed or loosened in the second half of 2020, following strong reactions from international organizations^{31, 32}.

Tracing the impacts of COVID-19, a sharp decline in local food production between 2.6-7%, initial export restrictions by some countries and the logistical problems arising from the lockdown measures have disrupted access to food supplies and disturbed the continuity of the food supply chain. In this regard, measures were taken to appeal member states against food export restrictions, including financial interventions by relevant OIC funding agencies, such as Islamic Solidarity Fund (ISF), and the various subsidiaries of the Islamic Development Bank Group (IsDB) or national responses ranging from palliatives and bailout funds to the private sector to address job losses and national campaigns against food loss and waste (FLW). These and similar measures should be further expanded during the post-COVID era.

On the medium-term measures, promoting application of scientific methods towards increasing food production and nutrition security in the member states such as promoting agricultural biodiversity, water use efficiency for food and agriculture and the implementation of such programmes as OIC programme on development of strategic commodities, the creation of a regional food security reserve, and leveraging the COMCEC project funding mechanism, among others should be taken into action for possibly decreasing the post COVID-19 effects on agriculture in OIC^{33,34}.

4.2.3. Effects of Post COVID-19 on Food Insecurity

The impacts of rising poverty and reduced livelihoods are reflected clearly in rising levels of food insecurity and decreasing diet quality. Dietary quality and diversity were affected foremost through declining incomes but also through trade and movement restrictions that have disproportionately affected the availability of nutritious perishable products in 2021. The households' dietary shift away from more expensive nutritious foods, such as fruits, vegetables, and animal-sourced foods, toward cheaper staple foods.²³ In addition, lockdowns increased food insecurity and nutrition through public sector channels.



FAO SOFI 2021 report estimated that between 720 and 811 million people in the world faced hunger in 2020 – as many as 161 million more than in 2019. Nearly 2.37 billion people did not have access to adequate food in 2020 – an increase of 320 million people in just one year. No region of the world has been spared and immune. The high cost of healthy diets and persistently high levels of poverty and income inequality continue to keep healthy diets out of reach for around 3 billion people in every region of the world. Moreover, new analysis showed that the increase in the unaffordability of healthy diets is associated with higher levels of moderate or severe food insecurity¹⁸.

Additionally, food supply disruptions and the lack of income due to the loss of livelihoods and remittances as a result of COVID-19 means that households across the globe are facing increased difficulties to access nutritious foods and are only making it even more difficult for the poorer and vulnerable populations to have access to healthy diets. With the extra stimulus triggered by COVID-19, the cost of a healthy diet exceeded the international poverty line (established at USD 1.90 purchasing power parity (PPP) per person per day), making it unaffordable for the poor. The cost also exceeds average food expenditures in most countries in the Global South: around 57 percent or more of the population cannot afford a healthy diet throughout sub-Saharan Africa and Southern Asia.

Overall, these facts are very crucial for populations of OIC member states where rural population still represented more than 50 percent of the total population in 25 OIC member states, where food supply chains are fragile, having scarce health systems to tackle during the possible post-COVID-19 era.

The decline in food security and sound nutrition will have long-lasting development effects during post-COVID 19. It was projected that even short lockdown measures implemented in tandem with restrictions on mobility and food system disruptions would lead to a 7 to 9 % decrease in gross national income (GNI) in most low- and middle-income countries (LMICs), as compared with pre-pandemic projections. Applying these estimates to 118 LMICs (where there are OIC member states) suggested that moderate or severe wasting (low weight-for-height) among young children could increase by 14.3 percent, adding an estimated 6.7 million more wasted children in 2020³⁵.

Although, the net effects of the pandemic are still to be calculated; the efforts not only to ensure the food security but also to transform the food systems under post-COVID-19 in OIC member states are becoming more and more difficult.

4.2.4. Differences and Shortcomings to Transform Food systems in post COVID-19 Era

Although with overall lower risks, some countries in OIC faced disruptions from the supply side, given the high integration to the global food chain and capital-intensive agriculture systems. Disruptions on the supply of inputs following shocks on trade and logistics contract agriculture production in the short term. During the COVID-19, blockages to transport routes were particularly obstructive for fresh food supply chains and resulted in increased levels of Food Loss and Waste (FLW)¹⁸. In the post-COVID-19 era (i.e., medium to long-term) the confidence in global value chains may be further eroded particularly in the trade of agricultural products. In some cases, disruptions and delays in the agricultural trade may also lead to a breakdown of

regional and global value chains that could further reduce the global agricultural trade volume substantially.

The pandemic has been an important alert for increased vulnerability of the poor and similar disadvantaged groups. Wealthier households in LMICs generally experienced larger percentage declines in income, primarily due to working in industry and service jobs that were disrupted by COVID-19 shocks and restrictions. Poor households, however, suffered far more detrimental impacts on food security, livelihoods, and wellbeing. Because these households spend a larger share of income on food, so loss of income increased their food insecurity, and they have fewer assets to help them mitigate shocks. Food security and livelihoods were most negatively impacted in places where food value chains were poorly integrated. Agriculture and agri-food systems in OIC have been more resilient, both because consumers prioritize food when incomes decline and because agri-food systems were generally exempted from lockdowns and movement restrictions³⁶.

Disadvantaged groups, due to the economic, legal, and social barriers they already faced and their reliance on informal work have suffered most during the pandemic. Women account for 39 percent of employment globally but incurred 54 percent of total job losses during the pandemic, reflecting their heavy representation in informal activities³⁷.

The digital divide between rich and poor have also increased during the pandemic where post-COVID-19 era will certainly leave poor communities into more isolation relatively compared with rich communities. These impacts may be long-lasting in post-COVID-19 era; for example, disruptions in schooling will likely lead to lower lifetime earnings, poorer health, and less opportunity for many children in developing countries to escape from poverty.

In addition to the already listed gaps; there are important regional and national differences in policy reactions, demographics, food and economic system structures, and how these influence the pandemic's impacts on citizens. How the post-pandemic will evolve in different regions, among OIC and its long-term impacts on food systems and agriculture are still unknown; we have just snapshots and dramatic experience learned from 2020 to 2021.

Countries in South Asia, for example, initiated strict lockdown measures at the earliest stage of the pandemic, keeping COVID-19 cases low, and spent sizable resources on their already-large social protection networks, on support to agriculture, and on maintaining food price stability. But the region's labor markets, especially in the non-farm and informal sectors, proved to be fragile, due to their reliance on migrant workers. The drastic reduction in international remittances was also a big blow.

³² IFPRI, COVID-19 Food Trade Policy Tracker, (2021); https://www.iisd.org/system/files/2020-08/food-export-restrictions-worsen-food-crisis.pdf

³³ IOFS (2020) http://www.comcec.org/en/wp-content/uploads/2020/07/2-B-IOFS.pdf

³⁴ IsDB (2020) http://www.comcec.org/en/wp-content/uploads/2020/07/2-C-IsDB.pdf

³⁵ Headey et al. (2020). https://doi.org/10.1016/S0140-6736(20)31647-0



Similarly, countries in East and Southeast Asia suffered from the loss of international and domestic remittances, with rural households suffering the most. The region has also faced a challenge in reaching the urban poor, many of whom work in the informal sector and are not covered by existing social protection systems. Expansion of regional trade, however, has helped East Asian countries mitigate the impacts of global trade restrictions; many exports.

Central Asian countries quickly enacted policy measures to contain the virus, but still experienced a contraction in GDP, closure of SMEs, and isolation of some segments of society, especially in rural areas with poor digital connectivity. The pandemic also exposed the weaknesses of many of the region's economies, including dependence on remittances and on a few trading partners and commodities subject to price volatility. Fortunately, agricultural growth remained relatively robust and intra-regional trade mitigated some of the pandemic's effects.

Africa south of the Sahara has recorded relatively few COVID-19 deaths, but short-term policy responses and the global recession have interrupted 25 years of economic growth, with decreased in household incomes, lost employment, increased poverty and food insecurity. Some countries were able to invest heavily in social protection measures, but rates of coverage remained low compared to the global average, and the high costs of pandemic-response programs may risk a fiscal crisis.

Finally, in the Middle East and North Africa region, the pandemic led to falling remittances and incomes, especially in the service and industry sectors. Food services and tourism-related businesses suffered the most severe disruptions, disproportionately harming urban dwellers employed in those sectors, while other parts of the agri-food system have proved more resilient. The travel and tourism related jobs were cut by 18% (-61.6 million in 2021) where 1 out of 4 net new jobs were created by this sector during 2014-2019 (pre-pandemic) period³⁸.

4.3. Transforming Food Systems After COVID-19: Opportunities

Despite the many negative impacts of the pandemic, the health, economic, and food disruptions have opened opportunities for a fundamental change. *Health is a precondition for economic recovery; and food is a precondition for health*. COVID-19 magnified many long-term weaknesses, such as persistent inequalities and poorly integrated food supply chains, and its sustainability that must be addressed. But it also highlighted the benefits of investments and policies that have created an enabling environment for private sector innovation, with flexible markets and appropriate infrastructure, and of sound policy systems that are able to respond quickly.

If small enterprises in agricultural value chains are further shut-down, the problems of food access and food availability would intersect, creating a nightmare scenario to the world which is already ill-equipped to handle. In a post-COVID-19 era exports can mitigate losses in revenues and imports can improve food availability and stabilize local food prices. In both exporting and

³⁶ Swinnen j. and J. McDermott, "Covid-19 and Global Food Security," EuroChoices 19, no. 3 (2020): 26–33.

³⁷ Madgavkar et al. (2020). https://www.mckinsey.com/featured-insights/future-of-work/covid-19-and-gender-equality-countering-the-regressive-effects

importing countries, access to various markets can boost producers' productivity and income. Finally, countries have to accelerate intraregional trade.

As of November 2021, there is considerable hope that the rapid development and deployment of effective vaccines will relieve the disease threat. 406 million people are fully vaccinated among OIC out of 3.1 billion in the world. Around 1 OIC member citizen is fully vaccinated every 0.026 seconds. However, the emergence of new coronavirus variants, the difficulty of ensuring an adequate supply of vaccines, and the challenge of vaccinating all people, particularly the poor, is almost certain to prolong recovery in many places. Although it seems increasingly likely that the world will have to learn to live with the virus-post i.e., COVID-19, its impact will ebb, allowing attention to focus on the longer-term agenda of transforming food systems to be healthier and more efficient, sustainable, inclusive, secure and resilient³⁹.

COVID-19, like other crises, has triggered reactions from governments, the private sector, farmers, consumers, and the international development community, many of whom altered their roles, operations, and behaviors in ways that were previously constrained by a variety of political, social, technical, and economic barriers. This normalization of out-of-the-box approaches has fundamentally changed thinking about the potential of food system transformation, making this the right time for the deep changes that are needed.

Upcoming global summits and new thinking have the potential to be catalytic (i.e., *The 26th United Nations Climate Change Summit (COP26), The UN Food Systems Summit, The 37th Ministerial Session of the COMCEC*) but the real transformation must occur in regions, countries, and communities through policies, investments, and actions that adapt and build on past successes and address weaknesses. Financing these changes will also require innovative approaches and mechanisms from the global to the local level to support public and private sector investments in transformation.

Since the pandemic's onset, governments have adopted a variety of response policies, from increasing spending on health systems and vastly expanding social protection to supporting private businesses. Social protection efforts served to test the effectiveness of pro-poor interventions and policies. The OIC has deployed tremendous efforts to intensify joint Islamic action and solidarity in confronting the pandemic from the beginning: i) the convening of the Health Steering Committee meeting on April 9, 2020, ii) the Second Fiqh Medical Symposium of the International Islamic Fiqh Academy on April 16, 2020, iii) the Executive Committee meeting at the level of Foreign Ministers, held on April 22, 2020, and finally iv) COVID-19 Agriculture Consultative Meeting held on June 30th, 2020.

In addition; the OIC's institutions and financing organs have also adopted rapid response initiatives by allocating financial resources to Member States to contain the effects of the coronavirus pandemic and its economic and social impacts, notably the launching by the IsDB Group of a US\$ 2.3 billion strategic preparedness and response program to the benefit of many Member States, and ISF's US\$ 1 million emergency assistance fund to help Member States, especially to Least Developed Countries (LDCs). This is, in fact, in line with the objectives of the OIC Charter that calls for *cooperation and coordination among Member States in humanitarian emergencies*. Similar and new support mechanisms are also needed in the near future under the post-COVID-19 era among the OIC.



4.4. How to Build a More Resilient Future during post-COVID-19?

The innovations in the public and private sectors in response to COVID-19 are encouraging, but much more remains to be done in the post COVID-19 era. The pandemic was a test of resilience to a shock, and so for many countries, the end of the pandemic is not yet in sight, and other shocks — including new diseases, conflicts, natural disasters, and climate-change-induced disruptions, food crises, post-COVID-19 period — are likely to become more frequent.

Making food systems more resilient requires a set of actions, many of which must be adjusted to regional circumstances and food system characteristics. COVID-19 has disrupted food systems everywhere however it has also provided an unprecedented opportunity for innovation, a space in time when immediate needs have spurred responses never seen before, a platform on which to re-design food systems for the better. The below listed silver linings may prevent millions of people from facing outright starvation²⁷.

- (i) First, the best way to build resilience into our food systems is through shock prevention, and when shocks can't be avoided, to limit the frequency and magnitude of shocks, i.e., increasing the resiliency. Some ongoing vulnerabilities, such as those due to climate change and inequality, were exacerbated during the pandemic. Therefore, investing in mitigating predicted multiple shocks could possibly reduce the likelihood and magnitude of various shocks, such as droughts and flooding, in the future. Another example is reducing inequality. Promoting inclusiveness in economic systems is likely to reduce or prevent social conflicts that are an important source of food insecurity and welfare declines during crises.
- (ii) Second, resilience implies the capacity to anticipate shocks, i.e. pro-active decision making. Information is crucial to help people, businesses, and governments prepare for shocks. Investments in early warning systems, development of improved data and indicators, and digital technology are examples of ways to increase access to information. In the case of COVID-19, dynamic metrics for tracking the transmission of the virus, including speed, acceleration, and persistence of COVID-19 cases, and indicators of the further possible impacts of policy responses and scenarios are useful. Similar indicators should be developed for tracking other potential shocks such as climate events, food price volatility, civil conflict, and pest infestations.
- (iii) Third, improving the capacity of all actors in our food systems to absorb shocks, i.e. preparedness; is the final piece of the resilience puzzle. Capacity building requires a variety of instruments, such as better access to finance (liquidity); flexible social safety nets; lower transaction costs in value chains; competitive markets for inputs, outputs, and logistics; reliable trade agreements; investment in rural services, infrastructure (including digital connections), and R&D for improving food production systems; and more. At the global and OIC levels, multilateral financial institutions will need to address the liquidity constraints of many developing countries. In this respect IsDB will continue to play a vital role. Small producers and SMEs will need further need access to credit, capital, and insurance to mitigate risks. Social safety nets can protect the most vulnerable people from shocks and also lead to gains in welfare and food and nutrition security. Conditional cash transfer programs, for example,

have proven impacts on poverty reduction, household food consumption, and dietary diversity.

In sum, a wide set of measures are needed to make our food systems more resilient and sustainable. The ongoing pandemic has shown a harsh light on the vulnerabilities of our food systems, but has also proved that food systems can be resilient and that adaptations and innovations can be greatly accelerated. Food systems in developing countries have typically been less resilient and more vulnerable, causing the greatest harm to the poor and disadvantaged. Looking forward, measures for resilience need to be embedded in long-term transformation strategies to make food systems more efficient, inclusive, sustainable, and healthy. In addressing resilience, we must pay special attention to the most vulnerable households and communities in our food systems focusing on possible opportunity niches such as halal food trade, foreign direct investment and agricultural labor force for OIC.

A purposeful transformation of the food systems, globally and locally is required. 2020 and 2021 offered lessons, innovations, and opportunities that can help make food systems more resilient to future shocks and more inclusive, efficient, sustainable, and healthy. This could be achieved through careful research and analysis identifying the most effective measures for such a transformation and producing a series of evidence-based ideas and recommendations — supported by high-quality and science-based research. Some may be produced over a span of decades and some in the midst of the pandemic but all deposited enough experience for making such a transformation and governance possible under forthcoming post COVID-19 era.

³⁸ COMCEC (2021). https://www.comcec.org/wp-content/uploads/2021/10/1.pdf

³⁹ SESRIC (2021).

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5. 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.

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".

On the other hand, global trade in agricultural products has grown rapidly in recent decades and is also expected to grow further over the coming decades. International trade promotes economic growth and creates welfare gains. But, many developing countries, including the OIC member countries, face serious difficulties that prevent them from fully reaping the benefits of international trade. To help the OIC member countries formulate effective measures and policies so as to make greater use of their potential as trading partners in global market as well as within the OIC markets for agricultural products, diverse needs and priorities of the Member Countries need to be examined. In this respect, the 12th Meeting of the COMCEC AWG was 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". As a complementary to this meeting, the 13th Meeting of the Agriculture Working Group was held on February 21st, 2019 in Ankara with the theme of "Reviewing Agricultural Trade Policies to Promote Intra-OIC Agricultural Trade" and a research report on the same subject was considered by the WG. 14th AWG was held on 9-10 October 2019, in Ankara, with the theme of "Increasing the Resilience of the Food Systems in Islamic Countries in Face of Future Food Crises." Based on the COVID 19 pandemic 'The COMCEC COVID-19 Agriculture Consultative Meeting' was held on June 30th, 2020 in a virtual-only format. In line with the relevant resolution of the 34th Ministerial Session of the COMCEC, the 14th Meeting of the AWG served as the preparatory platform for the Ministerial Exchange of Views Session of the 35th COMCEC Session that was held on November 27th, 2019 with the theme of "Sustainable Food Systems in the OIC Member Countries. Accordingly, the 15th Meeting of COMCEC Agriculture Working Group was also held on September 17th, 2020 in a virtual-only format, with the theme of "Good Governance for Ensuring Food Security and Nutrition in the OIC Member Countries". 36th Ministerial Session of COMCEC was held on November 25-26, 2020 in a virtual only format. Regarding the upcoming period 37th Ministerial Session of COMCEC will be held on November 24-25, 2021 in a virtual only format.

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.



Conclusion

After examining the macro agricultural indicators, sectoral indicators and state of food security, it is evident that agriculture is still 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 1994-2020.

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. COVID-19 pandemic increased the number of poor people globally by about 150 million, 20 percent above pre-pandemic poverty levels in 2021. Food systems, which directly employ over a billion people, lost more than 451 million jobs or 35% of formal employment.

Recent data show that food insecurity has already become one of the biggest problems in many OIC countries. The latest FAO data pointed out that on average 47.9% of the total population in OIC countries suffer food insecurity problems, quite higher than the world average of 25.4%. To make matters worse, several OIC countries in East Africa, are currently fighting their way to control the decade's worst desert locust swarms' outbreak, which threatens food security in the region. The occurrence of the pandemic could further amplify the deterioration of food security, if not handled with correct policy measures⁴⁰. 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.

The significance and severity of the pandemic, and its likely impact on agriculture worldwide, calls for substantial reflection in both the short- and long-term and among OIC member states. The immediate consequences of agricultural and food systems on the world rely so heavily for the global network is dramatically experienced under COVID-19. The unexpected risks, weaknesses and systemic shifts to understand post COVID-19 effects as well as those that may be long-lasting or permanent should be closely tracked.

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 report 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.

⁴⁰ FAOSTAT (2021b) http://www.fao.org/faostat/en/#data/FS

References

Alpas, H. (2021). https://www.comcec.org/agriculture/presentations-of-the-17th-meeting-of-the-comcec-agriculture-working-group/

COMCEC (2021). https://www.comcec.org/wp-content/uploads/2021/10/1.pdf

COMCEC, COMCEC Strategy, 2012.

COMCEC Agriculture Outlook, 2019

http://www.sbb.gov.tr/wp-content/uploads/2019/10/Agriculture_Outlook_2019_October.pdf

Dobson et al., "Ecology and Economics for Pandemic Prevention, (2020)." *Science* 369, no. 6502: 379–381.

Fan s et. al. (2021) https://www.annualreviews.org/doi/10.1146/annurev-resource-101520-081337

FAO, Food Security Concepts and Frameworks, 2008.

FAO, *Policy Brief on Food Security*, Issue 2, 2006. http://www.fao.org/forestry/13128-0e6f36f27e0091055bec28ebe830f46b3.pdf

FAO, *Food Security Indicators*, 2015. http://www.fao.org/economic/ess/ess-fs/ess-fadata/en/#.VeKvt03ot3c

FAO 2019, The State of Food Security and Nutrition in the World http://www.fao.org/state-of-food-security-nutrition

FAO, 2019 Global Report on Food Crises. http://www.fsinplatform.org/sites/default/files/resources/files/GRFC_2019-Full_Report.pdf

FAO Food Outlook Covid 2020, http://www.fao.org/3/ca9509en/ca9509en.pdf

FAO-SOFI 2021, The State of Food Security and Nutrition in the World, http://www.fao.org/publications/sofi/2021/en/

FAOSTAT (2021a), https://doi.org/10.4060/cb4477en-fig49

FAOSTAT (2021b) http://www.fao.org/faostat/en/#data/FS

FAO-WFP 2020, https://www.wfp.org/publications/fao-wfp-early-warning-analysis-acute-food-insecurity-hotspots

Glauber et al., (2020). "COVID-19: Trade Restrictions Are Worst Possible Response to Safeguard Food Security," *IFPRI COVID-19 Blog*, IFPRI, March 27, 2020

Headey et al. (2020). https://doi.org/10.1016/S0140-6736(20)31647-0

HLPE 2020. https://www.fao.org/3/ca9731en/ca9731en.pdf

IFPRI 2020.

https://ebrary.ifpri.org/utils/getfile/collection/p15738coll2/id/133762/filename/133971.pdf

IFPRI, COVID-19 Food Trade Policy Tracker, (2021); https://www.iisd.org/system/files/2020-08/food-export-restrictions-worsen-food-crisis.pdf

IOFS (2020) http://www.comcec.org/en/wp-content/uploads/2020/07/2-B-IOFS.pdf IPCC 2020, https://www.ipcc.ch

IsDB (2020) http://www.comcec.org/en/wp-content/uploads/2020/07/2-C-IsDB.pdf

Kalantaryan S. and S. McMahon. (2020) *Covid-19 and Remittances in Africa*, JRC Technical Report (Luxembourg: European Union, 2020).

Laborde Debucquet D., W. Martin, and R. Vos, (2020) "Impacts of COVID-19 on Global Poverty, Food Security and Diets," IFPRI Discussion Paper 1993 (IFPRI, Washington, DC, 2020).

Madgavkar et al. (2020). https://www.mckinsey.com/featured-insights/future-of-work/covid-19-and-gender-equality-countering-the-regressive-effects

Nayak, P. and Bhattacharjee, P.R., *Agricultural Growth and Price Fluctuation Luctuations: A Case Study of Production and Prices of Potato in Tripura*, General Economics and Teaching, EconWPA, 2005.

Nellemann, C., MacDevette, M., Manders, T., Eickhout, B., Svihus, B., & Prins, A. G., *The environmental food crisis*, 2009. http://www.grida.no/files/publications/FoodCrisis_lores.pdf

OECD 2021. https://www.oecd.org/economic-outlook/may-2021/

IDB, *Fostering Intra-OIC FDI in the Agriculture Sector*, Areef Suleman Isma'eel Ibrahim Na'iya, OCCASIONAL PAPER No. 14, May 2009.

Schmidhuber, J. Pound & B. Qiao. 2020. *COVID-19: Channels of transmission to food and agriculture*. Rome, FAO. https://doi.org/10.4060/ca8430en

SESRIC, *Agriculture and Food Security in OIC Member Countries: Opportunities for Cooperation*, 2016. https://www.sesric.org/files/article/537.pdf

SESRIC, 2014, *Agriculture and Food Security in OIC Member Countries: Opportunities for Cooperation* https://www.sesric.org/files/article/483.pdf

SESRIC, OIC Economic Outlook, 2015 https://www.sesric.org/files/article/517.pdf

Swinnen j. and J. McDermott, (2020). "Covid-19 and Global Food Security," *EuroChoices* 19, no. 3 (2020): 26–33.

Swinnen j. McDermott J, and Yosef S. (2021). 'Beyond the Pandemic: Transforming Food Systems after COVID-19'. In 'Transforming Food Systems after COVID 19, IFPRI, 2021.

UNEP (United Nations Environment Programme), Global Environment Outlook (GEO-3), *State of The Environment And Policy Retrospective:* 1972–2002, 2002. http://www.unep.org/geo/GEO3/english/pdfs/chapter2-5_Freshwater.pdf

WHO (World Health Organization), Food Security, 2015.

WorldBank, Food Security and COVID 19, https://www.worldbank.org/en/topic/agriculture/brief/food-security-and-covid-19

Wourterse F., S. Murphy, and J. Porciello, (2020). "Social Protection to Combat Hunger," *Nature Food* 1: 517–518.

http://www.comcec.org/en/wp-content/uploads/2020/07/1-Presentation-Maximo-Torero-COMCEC-COVID-19-June-30.pdf

 $http://www.comcec.org/en/wp-content/uploads/2020/07/2-A-SESRIC_COVID19-Impacts-on-Agriculture-and-Food-Security-in-OIC.pdf$

http://www.comcec.org/en/wp-content/uploads/2020/07/2-B-IOFS.pdf

http://www.comcec.org/en/wp-content/uploads/2020/07/2-C-IsDB.pdf

Annexes

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

| Annex 1: The Official 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 | | | | |
| Libya | Kyrgyz Republic | Guinea-Bissau | | | | |
| Mauritania | Malaysia | Mali | | | | |
| Morocco | Maldives | Mozambique | | | | |
| Oman | Pakistan | Niger | | | | |
| Palestine | Tajikistan | Nigeria | | | | |
| Qatar | Turkey | Senegal | | | | |
| Saudi Arabia | Turkmenistan | Sierra Leone | | | | |
| Somalia | Uzbekistan | Togo | | | | |
| Sudan | Guyana | Uganda | | | | |
| Syria | Suriname | | | | | |
| Tunisia | | | | | | |
| United Arab Emirates | | | | | | |
| Yemen | | | | | | |



Annex 2: Value Added, Agriculture, Forestry and Fishing in the OIC Countries Current Prices

| Country Name | 2000 [YR2000] | 2005 [YR2005] | 2010 [YR2010] | 2015 [YR2015] | 2019 [YR2016] | 2020 [YR2017] |
|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Benin | 828,65m | 1752,87m | 2464,04m | 3005,57m | 3867,88m | 4243,00m |
| Burkina Faso | 739,54m | 1645,44m | 2440,80m | 2677,98m | 3225,93m | 3547,72m |
| Cameroon | 1691,90m | 2528,17m | 3681,41m | 4568,93m | 5659,06m | 6042,38m |
| Chad | 565,19m | 3578,27m | 5541,61m | 5518,51m | 4819,54m | 4817,38m |
| Cote d'Ivoire | 2684,76m | 3861,58m | 6109,98m | 8412,58m | 12100,81m | |
| Gabon | 315,68m | 477,67m | 562,61m | 620,15m | 937,28m | 998,59m |
| Gambia, The | 192,07m | 329,80m | 543,13m | 306,08m | 398,03m | |
| Guinea | 628,48m | 654,41m | 1198,33m | 1625,01m | 3268,80m | 3711,27m |
| Guinea-Bissau | 154,85m | 260,40m | 383,19m | 490,45m | 437,60m | 441,89m |
| Mali | 974,38m | 2022,85m | 3529,22m | 4943,54m | 6451,10m | 6278,65m |
| Mozambique | 1080,12m | 1944,81m | 2981,13m | 3655,35m | 3979,86m | |
| Niger | 819,93m | 1721,79m | 2812,41m | 3138,28m | 4881,33m | |
| Nigeria | 14832,34m | 45952,12m | 86365,38m | 100436,74m | 98166,59m | 104370,01m |
| Senegal | 988,52m | 1671,21m | 2570,59m | 2538,69m | 3492,78m | 3940,33m |
| Sierra Leone | 349,82m | 815,20m | 1364,88m | 2474,36m | 2239,81m | 2368,92m |
| Togo | 455,95m | 833,88m | 985,60m | 1019,04m | 1426,40m | 1422,26m |
| Uganda | 1703,71m | 2316,73m | 8615,64m | 7623,23m | 8107,22m | 8979,83m |
| African Group | 29005,89m | 72367,19m | 132149,95m | 153054,51m | 163460,04m | 151162,24m |
| Algeria | 4599,68m | 7937,30m | 13648,52m | 19218,25m | 21189,98m | 20653,52m |
| Bahrain | | | 76,54m | 98,19m | 108,67m | |
| Comoros | 103,15m | 192,08m | 276,17m | 295,59m | 385,56m | |
| Djibouti | | | | 27,91m | 42,28m | 44,27m |
| gypt, Arab Rep. | 15512,99m | 12527,79m | 29214,08m | 37528,23m | 33487,33m | 41783,13m |
| raq | 2241,56m | 3440,32m | 7150,63m | 6990,95m | 7416,85m | 10150,47m |
| lordan | 170,51m | 347,25m | 970,09m | 1694,85m | 2186,27m | 2273,25m |
| Kuwait | 133,96m | 243,49m | 520,94m | 615,82m | 523,79m | |
| Lebanon | 1076,62m | 769,53m | 1484,69m | 1689,24m | 1597,81m | 836,04m |
| Libya | | 1188,09m | | | | |
| Mauritania | 441,83m | 589,26m | 941,88m | 1272,19m | 1421,28m | 1410,79m |
| Morocco | 4615,18m | 7366,47m | 12065,53m | 12777,06m | 14559,38m | 13799,79m |
| Oman | 437,37m | 502,43m | 810,58m | 1361,43m | 1796,04m | |
| Palestine | 417,60m | 460,80m | 871,60m | 1035,20m | 1208,60m | |
| Qatar | 66,21m | 59,34m | 147,53m | 260,92m | 404,50m | 419,59m |
| Saudi Arabia | 9326,25m | 10579,05m | 13946,13m | 17137,87m | 17709,62m | 17941,03m |
| Somalia | | | | | | |
| Sudan | 4986,58m | 8116,20m | 15299,65m | 20793,25m | 7019,49m | 5461,65m |
| Syrian Arab Republic | 4665,82m | 5981,44m | | | | |
| Tunisia | 2148,68m | 2959,38m | 3319,06m | 4439,41m | 4024,88m | 4606,06m |
| United Arab Emirates | 2360,79m | 2520,35m | 2212,39m | 2653,78m | 3077,88m | |
| Yemen, Rep. | 1326,72m | 1767,13m | 2522,66m | 3015,59m | | |
| Arab Group | 54631,50m | 67547,71m | 105478,67m | 132905,72m | 118160,19m | 119379,58m |
| Afghanistan | | 1931,96m | 4156,02m | 4107,70m | 4972,08m | 5350,59m |
| Albania | 853,22m | 1517,43m | 2141,58m | 2252,34m | 2822,43m | 2849,24m |
| Azerbaijan | 848,12m | 1211,66m | 2933,59m | 3278,74m | 2743,71m | 2950,88m |
| Bangladesh | 12124,63m | 12896,28m | 19598,80m | 28838,47m | 38365,86m | 41000,53m |
| Brunei Darussalam | 61,48m | 90,22m | 100,48m | 142,56m | 132,82m | 143,37m |
| Guyana | 213680863,9 | 238273921,2 | 979357123,1 | 1088923346 | 910338315,3 | 921971223 |
| ndonesia | 25873,16m | 37524,88m | 105178,67m | 116151,99m | 142266,72m | 145045,71m |
| ran, Islamic Rep. | 9938,24m | 14722,52m | 31639,53m | 40361,02m | 31459,16m | 24555,55m |
| Kazakhstan | 1483,62m | 3638,51m | 6677,72m | 8685,70m | 8113,87m | 9039,17m |
| Cyrgyz Republic | 468,27m | 700,76m | 836,53m | 939,00m | 1034,81m | 1044,88m |
| Malaysia | 8065,00m | 11859,21m | 25730,96m | 24974,78m | 26460,51m | 27626,95m |
| Maldives | | 89,91m | 145,82m | 228,68m | 295,27m | |
| Pakistan | 21010,70m | 27565,20m | 41246,98m | 64438,52m | 61324,06m | 59840,66m |
| Suriname | 90,40m | 88,22m | 413,78m | 533,56m | 365,78m | |
| Γajikistan | 216,20m | 490,02m | 1105,12m | 1785,85m | 1732,13m | 1949,21m |
| Turkey | 27520,41m | 46404,88m | 69672,37m | 59364,51m | 48908,12m | 47552,25m |
| Turkmenistan | 654,69m | 1501,81m | 2561,05m | 3331,71m | 4881,14m | |
| Uzbekistan | 4135,85m | 3767,32m | 13397,93m | 25187,17m | 14745,96m | 15043,47m |
| Asian Group | 113557,66m | 166239,06m | 328516,28m | 385691,25m | 391534,76m | 384914,43m |
| OIC Total | 197195,05m | 306153,97m | 566144,91m | 671651,47m | 673154,99m | 655456,26m |
| World Total | 1124864,89m | 1514778,16m | 2533379,22m | 3166932,53m | 3526771,49m | 3686330,48m |

World Total 1124864,89m Source: World Development Indicator

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

| | | | | | 2019 |
|-------------|---|---|---|--|---|
| | | | | | 0,134651 |
| 0,355319771 | | | • | | 0,203908 |
| 0,763211622 | | | | | 0,324506 |
| 0,251776357 | | 0,560526 | 0,588597 | - | 0,214518 |
| 1,307211693 | 1,264882269 | 1,257387 | 1,049061 | 1,109611 | 0,494609 |
| 0,178862504 | 0,146264303 | 0,155536 | 0,096572 | 0,091307 | 0,047922 |
| 0,157293055 | 0,186039611 | 0,107429 | 0,093345 | 0,045104 | 0,018861 |
| 0,6972095 | 0,462789067 | 0,191168 | 0,205949 | 0,239463 | 0,11378 |
| 0,199051405 | 0,07621875 | 0,084789 | 0,065793 | 0,072218 | 0,040259 |
| 0,509011869 | 0,47539608 | 0,638315 | 0,59326 | 0,717037 | 0,381579 |
| 0,435943837 | 0,537584285 | 0,633046 | 0,511811 | 0,538656 | 0,209828 |
| 0,363066518 | 0,403677439 | 0,562784 | 0,485548 | 0,464118 | 0,28654 |
| 6,182451885 | 7,367621577 | 14,96865 | 14,92124 | 15,03695 | 5,199645 |
| 0,525467019 | 0,503614401 | 0,532513 | 0,436465 | 0,373822 | 0,217751 |
| 0,256754754 | 0,19673584 | 0,265548 | 0,234573 | 0,367811 | 0,139988 |
| 0,212379319 | 0,202003442 | 0,22756 | 0,180847 | 0,150054 | 0,072815 |
| | - | | - | | 0,379442 |
| | | | | | 8,480603 |
| | | | | | 2,885043 |
| | | | | | 0,01942 |
| | | | | - | 0,067231 |
| | | | | | 0,006626 |
| - | | | | - | 5,856573 |
| | | | - | | 1,123309 |
| | | - | | - | 0,239859 |
| | | | | | 0,094518 |
| - | | | | - | 0,309082 |
| | | | | | 0,466364 |
| | | | | | 0,228184 |
| | | | | | 2,447431 |
| | | | | | 0,207747 |
| | | | | | 0,217735 |
| | - | | | | 0,035698 |
| | | | | | 3,454759 |
| | | | | | 0,255339 |
| | | | | | 3,950496 |
| | | | | - | 1,763228 |
| | | | | | - |
| | | | | | 0,859406 |
| | | | | | 0,601111 |
| | | | | | 0,734342 |
| | | | | | 25,8235 |
| | | | | - | 0,892617 |
| | | | | | 0,472108 |
| | | | | | 0,524571 |
| | | | | | 4,659574 |
| | | | | | 0,026989 |
| | | | | | 0,107058 |
| | | | | | 18,3854 |
| · ' | | | | | 6,508613 |
| | | | | | 1,338556 |
| | | | | | 0,206488 |
| | | | | - | 4,775715 |
| | - | | | | 0,031967 |
| | | | | | 10,00333 |
| 0,12302753 | 0,118848225 | 0,076017 | 0,071097 | 0,063868 | 0,091624 |
| 0.10060006 | 0,10739592 | 0,159623 | 0,189931 | 0,253863 | 0,229659 |
| 0,19969906 | ., | | | | |
| 12,54845606 | 13,66972927 | 15,11633 | 11,97377 | 8,746694 | 13,31931 |
| | | 15,11633 0,856098 | 11,97377 0,440152 | 8,746694 0,49408 | 13,31931 0,583039 |
| 12,54845606 | 13,66972927 | | | | |
| | 0,251776357 1,307211693 0,178862504 0,157293055 0,6972095 0,199051405 0,509011869 0,435943837 0,363066518 6,182451885 0,525467019 0,256754754 0,212379319 1,281685575 13,91833309 2,001882403 0,023995248 0,070477931 0,006789459 5,072445302 0,367267316 0,167701598 0,054737696 0,290552981 1,016945008 0,328639077 2,530322646 0,190242292 0,318664986 0,038412048 4,048593624 0,033841048 4,048593624 0,335806005 2,477247478 1,834561678 0,919519414 0,510080523 0,488841733 23,09372645 1,021405666 0,650093379 0,372675965 4,608977157 0,028246904 0,162923433 16,07529496 6,929311691 1,218072119 0,291550986 5,527129317 0,017965862 9,577235016 | 1995 2000 0,24163641 0,292123618 0,355319771 0,366418184 0,763211622 0,75570043 0,251776357 0,289509965 1,307211693 1,264882269 0,178862504 0,146264303 0,157293055 0,186039611 0,6972095 0,462789067 0,199051405 0,07621875 0,509011869 0,47539608 0,435943837 0,5357584285 0,363066518 0,403677439 6,182451885 7,367621577 0,525467019 0,503614401 0,256754754 0,19673584 0,212379319 0,202003442 1,281685575 0,998826557 13,91833309 14,52540582 2,001882403 2,30829832 0,0023995248 0,028690379 0,070477931 0,07532195 0,006789459 0,008459712 5,072445302 6,175392448 0,367267316 0,483094029 0,167701598 0,11899317 0,054737696 0,066391865 <td>0,24163641 0,292123618 0,385717 0,355319771 0,366418184 0,535797 0,763211622 0,75570043 0,823211 0,251776357 0,289509965 0,560526 1,307211693 1,264882269 1,257387 0,178862504 0,146264303 0,155536 0,157293055 0,186039611 0,107429 0,6972095 0,462789067 0,191168 0,199051405 0,07621875 0,084789 0,509011869 0,47539608 0,633315 0,435943837 0,537584285 0,633046 0,363066518 0,403677439 0,562784 6,182451885 7,367621577 14,96865 0,525467019 0,503614401 0,532513 0,252754754 0,19673584 0,265548 0,212379319 0,202003442 0,22756 1,28168575 0,998826557 0,970952 13,91833309 14,52540582 22,90193 2,001882403 2,30829832 2,585531 0,023995248 0,028690379 0,016797</td> <td>0,24163641 0,292123618 0,386715 0,272371 0,355319771 0,366418184 0,535797 0,419078 0,763211622 0,75570043 0,823211 0,63207 0,25176357 0,289509965 0,560526 0,588597 1,307211693 1,264882269 1,257387 1,049061 0,178293055 0,186039611 0,107429 0,0993345 0,6972095 0,462789067 0,191168 0,205949 0,199051405 0,07621875 0,084789 0,055793 0,599011869 0,4359483837 0,537584285 0,633046 0,511811 0,633066518 0,403677439 0,562784 0,485548 6,182451885 7,367621577 14,96865 14,92124 0,525467019 0,503614401 0,532513 0,434645 0,212379319 0,20203442 0,22756 0,180847 1,281685575 0,998826557 0,970952 0,180847 1,281685575 0,998826557 0,970952 0,18154 0,001882403 2,385981 2,585531<td>0,24163641 0,292123618 0,386715 0,272371 0,25503 0,555319771 0,366418184 0,535797 0,419078 0,394342 0,763211622 0,75570043 0,823211 0,63207 0,67277 0,251776357 0,289509965 0,560526 0,588597 0,500334 1,307211693 1,264882269 1,257387 1,049061 1,109611 0,178862504 0,146264303 0,155536 0,096572 0,991307 0,157293055 0,186039611 0,107429 0,093345 0,045104 0,6972095 0,462789067 0,191168 0,05949 0,239463 0,199051405 0,07621875 0,084789 0,065793 0,072218 0,50301869 0,47539608 0,638015 0,59326 0,717037 0,43543837 0,5354628 0,638015 0,59326 0,717037 0,43543837 0,53614401 0,532513 0,486455 0,373822 0,525467019 0,503614401 0,5325467 0,486465 0,373822 0,212379319</td></td> | 0,24163641 0,292123618 0,385717 0,355319771 0,366418184 0,535797 0,763211622 0,75570043 0,823211 0,251776357 0,289509965 0,560526 1,307211693 1,264882269 1,257387 0,178862504 0,146264303 0,155536 0,157293055 0,186039611 0,107429 0,6972095 0,462789067 0,191168 0,199051405 0,07621875 0,084789 0,509011869 0,47539608 0,633315 0,435943837 0,537584285 0,633046 0,363066518 0,403677439 0,562784 6,182451885 7,367621577 14,96865 0,525467019 0,503614401 0,532513 0,252754754 0,19673584 0,265548 0,212379319 0,202003442 0,22756 1,28168575 0,998826557 0,970952 13,91833309 14,52540582 22,90193 2,001882403 2,30829832 2,585531 0,023995248 0,028690379 0,016797 | 0,24163641 0,292123618 0,386715 0,272371 0,355319771 0,366418184 0,535797 0,419078 0,763211622 0,75570043 0,823211 0,63207 0,25176357 0,289509965 0,560526 0,588597 1,307211693 1,264882269 1,257387 1,049061 0,178293055 0,186039611 0,107429 0,0993345 0,6972095 0,462789067 0,191168 0,205949 0,199051405 0,07621875 0,084789 0,055793 0,599011869 0,4359483837 0,537584285 0,633046 0,511811 0,633066518 0,403677439 0,562784 0,485548 6,182451885 7,367621577 14,96865 14,92124 0,525467019 0,503614401 0,532513 0,434645 0,212379319 0,20203442 0,22756 0,180847 1,281685575 0,998826557 0,970952 0,180847 1,281685575 0,998826557 0,970952 0,18154 0,001882403 2,385981 2,585531 <td>0,24163641 0,292123618 0,386715 0,272371 0,25503 0,555319771 0,366418184 0,535797 0,419078 0,394342 0,763211622 0,75570043 0,823211 0,63207 0,67277 0,251776357 0,289509965 0,560526 0,588597 0,500334 1,307211693 1,264882269 1,257387 1,049061 1,109611 0,178862504 0,146264303 0,155536 0,096572 0,991307 0,157293055 0,186039611 0,107429 0,093345 0,045104 0,6972095 0,462789067 0,191168 0,05949 0,239463 0,199051405 0,07621875 0,084789 0,065793 0,072218 0,50301869 0,47539608 0,638015 0,59326 0,717037 0,43543837 0,5354628 0,638015 0,59326 0,717037 0,43543837 0,53614401 0,532513 0,486455 0,373822 0,525467019 0,503614401 0,5325467 0,486465 0,373822 0,212379319</td> | 0,24163641 0,292123618 0,386715 0,272371 0,25503 0,555319771 0,366418184 0,535797 0,419078 0,394342 0,763211622 0,75570043 0,823211 0,63207 0,67277 0,251776357 0,289509965 0,560526 0,588597 0,500334 1,307211693 1,264882269 1,257387 1,049061 1,109611 0,178862504 0,146264303 0,155536 0,096572 0,991307 0,157293055 0,186039611 0,107429 0,093345 0,045104 0,6972095 0,462789067 0,191168 0,05949 0,239463 0,199051405 0,07621875 0,084789 0,065793 0,072218 0,50301869 0,47539608 0,638015 0,59326 0,717037 0,43543837 0,5354628 0,638015 0,59326 0,717037 0,43543837 0,53614401 0,532513 0,486455 0,373822 0,525467019 0,503614401 0,5325467 0,486465 0,373822 0,212379319 |

Source: World Development Indicator



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

| Country Name | 2000 | 2005 | 2010 | 2015 | 2019 | 2020 |
|--------------------------|---------------------------|----------------------------|----------------------------|---------------------------------------|----------------------------|----------------------------|
| Benin | 3519,99m | 6567,65m | 9535,35m | 11388,16m | 14391,69m | 15651,55m |
| Burkina Faso | 2968,37m | 6146,35m | 10109,62m | 11832,16m | 15990,80m | 17369,06m |
| Cameroon | 10109,05m | 17951,22m | 26169,32m | 30928,65m | 39007,35m | 39802,15m |
| had | 1388,51m | 6649,31m | 10668,10m | 10950,39m | 11314,95m | 10093,12m |
| Cote d'Ivoire | 10743,71m | 17091,72m | 24908,78m | 45814,64m | 58539,42m | 61348,58m |
| abon | 5080,48m | 9582,78m | 14372,59m | 14383,11m | 16874,45m | 15593,18m |
| Sambia, The | 782,92m | 1027,70m | 1543,29m | 1378,18m | 1826,07m | 1901,93m |
| Guinea | 2995,36m | 2937,07m | 6853,47m | 8794,20m | 13513,81m | 15681,05m |
| Guinea-Bissau | 371,10m | 587,03m | 849,88m | 1048,23m | 1439,64m | 1431,76m |
| Mali | 2961,48m | 6247,52m | 10689,17m | 13104,76m | 17281,82m | 17393,76m |
| Mozambique | 5656,47m | 8542,07m | 11104,65m | 15950,97m | 15291,45m | 14021,42m |
| Niger | 2241,75m | 4383,32m | 7851,19m | 9685,58m | 12911,69m | 13678,23m |
| Nigeria | 69448,76m | 176134,09m | 361456,62m | 486803,30m | 448120,43m | 432293,78m |
| Senegal | 6046,73m | 11069,29m | 16121,31m | 17774,77m | 23306,21m | 24910,90m |
| Sierra Leone | 635,87m | 1650,49m | 2578,03m | 4218,72m | 4121,73m | 3865,02m |
| | | | | · · · · · · · · · · · · · · · · · · · | | |
| Togo | 1491,89m | 2281,48m | 3429,46m | 4180,87m | 7220,40m | 7574,64m |
| Jganda | 6193,25m | 9239,22m | 26558,91m | 32248,12m | 35170,04m | 37372,03m |
| African Group | 132635,68m | 288088,32m | 544799,74m | 720484,80m | 736321,95m | 729982,15m |
| Algeria | 54790,38m | 103198,25m | 161207,31m | 165979,17m | 171157,80m | 145163,90m |
| Sahrain | 9062,90m | 15968,72m | 25713,27m | 31050,64m | 38474,52m | |
| Comoros | 351,14m | 653,85m | 907,98m | 966,03m | 1165,84m | 1219,69m |
| Djibouti | 551,23m | 708,63m | 1128,61m | 2430,29m | 3324,63m | 3384,40m |
| gypt, Arab Rep. | 99838,54m | 89600,67m | 218983,67m | 329366,58m | 303080,87m | 363069,25m |
| raq | 48364,25m | 49954,89m | 138516,72m | 166774,11m | 222434,14m | 167224,43m |
| ordan | 8460,42m | 12588,67m | 27133,80m | 38587,02m | 44502,90m | 43697,66m |
| Cuwait | 37712,84m | 80798,63m | 115419,40m | 114567,30m | 136196,76m | |
| ebanon | 17260,36m | 21497,34m | 38443,91m | 49939,37m | 51991,63m | 33383,25m |
| ibya | 38270,21m | 47334,15m | 74773,44m | 27842,13m | 52091,15m | 25418,46m |
| Mauritania | 1779,52m | 2936,02m | 5628,88m | 6166,86m | 7600,65m | 7778,53m |
| Morocco | 38857,25m | 62343,02m | 93216,75m | 101179,81m | 119700,33m | 112870,59m |
| Oman | 19507,45m | 31081,99m | 56913,07m | 68420,26m | 76331,52m | |
| Palestine | 4313,60m | 5125,70m | 9681,50m | 13972,40m | 17133,50m | 15561,30m |
| Qatar | 17759,89m | 44530,49m | 125122,31m | 161739,96m | 175837,55m | 146373,59m |
| Saudi Arabia | 189514,93m | 328459,70m | 528207,33m | 654269,90m | 792966,84m | 700117,87m |
| Somalia | | 320 103)7 0111 | 020207,00111 | 4048,86m | 4942,32m | 4917,61m |
| Sudan | 12257,42m | 26524,54m | 65634,00m | 64458,52m | 32250,45m | 26110,83m |
| Syrian Arab Republic | 19325,89m | 28858,97m | 03034,00111 | 04430,32111 | | 20110,05111 |
| Tunisia | · | | 440E0 02m | 42172 E2m | 2010F 72m | 2022E 67m |
| | 21473,26m | 32273,01m | 44050,93m | 43173,53m | 39195,72m | 39235,67m |
| United Arab Emirates | 104337,37m | 180617,47m | 289787,34m | 358135,06m | 421142,27m | |
| /emen, Rep. | 9652,44m | 16746,34m | 30906,75m | 42445,10m | 2744524 20 | 4025527.02 |
| Arab Group | 753441,31m | 1181801,04m | 2051376,97m | 2445512,90m | 2711521,38m | 1835527,03m |
| Afghanistan | | 6209,14m | 15856,57m | 19907,11m | 19291,10m | 19807,07m |
| Albania | 3480,36m | 8052,08m | 11926,93m | 11386,85m | 15286,61m | 14799,62m |
| Azerbaijan | 5272,80m | 13245,72m | 52909,29m | 53074,37m | 48174,24m | 42607,18m |
| Bangladesh | 53369,79m | 69442,94m | 115279,08m | 195078,68m | 302563,40m | 324239,18m |
| Brunei Darussalam | 6001,15m | 9531,40m | 13707,37m | 12930,39m | 13469,42m | 12016,06m |
| iuyana | 712,67m | 824,88m | 3432,91m | 4279,84m | 5173,76m | 5471,26m |
| ndonesia | 165021,01m | 285868,62m | 755094,16m | 860854,24m | 1119091,26m | 1058423,84m |
| ran, Islamic Rep. | 109591,71m | 226452,14m | 486807,62m | 384951,48m | 258245,50m | 191718,27m |
| Kazakhstan | 18291,99m | 57123,67m | 148047,35m | 184388,43m | 181667,19m | 169835,43m |
| Yyrgyz Republic | 1369,69m | 2460,25m | 4794,36m | 6678,18m | 8871,02m | 7735,98m |
| /lalaysia | 93789,74m | 143534,10m | 255016,61m | 301354,80m | 364681,37m | 336664,44m |
| // Aldives | 624,34m | 1163,36m | 2588,18m | 4109,45m | 5642,18m | 4030,20m |
| akistan | 82017,74m | 120055,29m | 177165,64m | 270556,13m | 278221,91m | 263686,55m |
| uriname | 947,67m | 1793,39m | 4368,40m | 5126,29m | 4221,37m | 3807,92m |
| Tajikistan | 860,52m | 2312,33m | 5642,18m | 8271,45m | 8300,78m | 8194,15m |
| Turkey | 274302,96m | 506308,31m | 776992,60m | 864316,67m | 761428,18m | 720101,21m |
| Turkmenistan | 2904,73m | 8103,90m | 22583,16m | 35799,71m | 45231,43m | |
| Uzbekistan | 13760,51m | 14307,51m | 46679,88m | 81847,41m | 57726,54m | 57707,19m |
| | | | | · | | |
| Asian Group | 832319 38m | 1476789 03m | 2898892.27m | 33()4911 49m | 349//X///m | 3/4()X45 5/lm |
| Asian Group DIC Total | 832319,38m 1718396,37m | 1476789,03m 2946678,39m | 2898892,27m 5495068,98m | 3304911,49m 6470909,19m | 3497287,27m 6945130,60m | 3240845,54m 5806354,72m |

Source: World Development Indicator

Annex 5: Total GDP/Breakdown at Constant 2010 Prices in US Dollars

| Benth 3727/47m 4766.64m 5727.74m 6970.24m 875.15m 910.22m 933.85m 910.23m 301.61m 20metron 1433.75m 1770.52m 2022.57m 2014.832m 355.84m 35118.43m 363.6482m Ched Florier 19108.38m 23200.41m 22400.77m 2488.45m 336.22m 36670.68m 3949.50m Camba, The 1241.5m 633.00m 757.51m 91.81m 1057.12m 1016.14m 1109.78m Guinea 416.680m 5049.27m 5874.37m 6852.47m 8578.67m 9670.44m 1077.73m Guinea 416.680m 609.10m 70.13m 849.05m 980.01m 100.61.7m 100.47m Mali 476.091m 6071.47m 8527.27m 10678.75m 1140.60m 101.23m 1141.660m 1414.60m 1077.73m Mozambique 2682.2m 4653.07m 952.09m 1016.24m 1307.45m 1444.60m 120.25m 1414.60m 107.77m 1414.60m 1414.60m 107.25m 1444.60m 10 | Annex 5: 10tal Country Name | 1995 | 2000 | 2005 | 2010 | 2015 | 2016 | 2017 |
|--|-----------------------------|------------|-------------|--------------|-------------|-------------|-------------|-------------|
| Burkline Faso | | | | | | | | |
| Cameroon 1437.57m 12770.52m 20202.57m 26143.82m 3555.84 mm 351.84 mm 3636.48 2mm Cote d'Ivoire 19108.38m 23200.41m 22300.47m 24804.50m 3394.22m 1605.77m 1480.24m 1260.60m 3494.00m 3495.09m Gamba, The 524.15m 653.00m 575.51m 685.32m 1857.24m 1805.12m 1901.44m 1913.88m 185.64 1m 1913.84m 1907.778 mm Guinea-Bissau 225.66m 660.50m 757.51m 6675.77m 1678.75m 1266.051m 1307.778 mm 1307.778 mm <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | | | | | | | | |
| Chad 339.56m 3383.67m 4047.92m 1055.71m 1348.624m 2264.261m 22264.76m Cabon 1319.19m 12480.56m 13441.04m 1348.58.8m 1386.241m 1318.8m 1000.78m Guinea 416.680m 559.07m 757.51m 951.81m 1057.12m 1061.14m 1077.27m Guinea-Bissa 725.68m 660.50m 720.13m 849.05m 980.11m 1060.51m 1077.73m 1077.27m Mall 476.69m 660.71m 8267.27m 1015.42m 14307.68m 1341.82m 1416.66m 1341.12m 1416.66m 1481.12m 1416.66m 1481.12m 1416.66m 1481.12m 1416.66m 1481.12m 1416.66m 1481.61m 1416.66m 1416.66m 1481.12m 1416.66m 1416.66m< | | | | | | | | |
| Order (Drobre) 1910/8.88m 22300.47m 23300.77m 248848.50m 3956.22m 50000 30490.50m Gambia, The 524.15m 653.00m 575.51m 951.81m 1057.12m 1061.41m 1097.88m Guinea 416.680m 5049.27m 575.51m 8578.67m 9507.64m 1077.787m Guinea Bissau 72.568m 660.50m 702.13m 88.490.5m 998.01m 1061.51m 1123.22m Mali 476.091m 6675.57m 7095.59m 1156.27m 1240.60m 1341.28cm 1414.660m Nigeria 145.5697.83m 169200.01m 55800.086m 776.57m 1807.55m 8107.55m 8107.55m 8107.55m 8107.55m 8107.55m 8107.55m 1741.46m 1340.60m 3353.99m 4461.82m 3464.61m 3406.69m 3603.59m 461.82m 3407.575m 4146.18m 3406.69m 3603.59m 3163.50m 3141.45m 2141.45m 340.62m 340.62m 3406.69m 3605.32m 3406.69m 3406.69m 3606.32m 341.45m | | | | | | | | |
| Gabon 131919m 12480.56m 13441.04m 14388.58m 1852.641m 1913.18m 1009.78m Gamba, Tab. 524.15m 653.00m 757.51m 951.81m 1057.12m 106.141m 107.078m 107.078m Guinea Bissan 725.66m 660.50m 720.13m 849.05m 998.01m 106.051m 107.12m 112.22mm Mall 476.091m 6071.47m 852.727m 1015.824m 1430.768m 1342.182m 14146.00m Niger 3179.65m 3657.58m 444.40m 7318.66m 173.25m 1840.00m Nigeria 14558783m 16920.01m 25000.86m 3633558m 44628224m 45677.54m 1401.35m Sierral Leone 1359.77m 1385.75m 1979.30m 2570.05m 44628224m 45677.54m 2596.17m Oppo 213.45m 2613.25m 1276.24m 2410.02m 4164.18m 2375.57m 297.25m 4280.02m 4369.60m 2376.24m 367.25m 4260.02m 2578.67m 2587.67m 201.24m | | | | | | | | |
| Gamba, The Colinea 416.80 m 65.90 m 757.51 m 951.81 m 105.71 m 100.718 m 100.778 m Guinea Bissau 416.68 m 600.50 m 600.50 m 690.50 m 950.76 m 950.76 m 123.28 m Mali 476.09 m 607.47 m 822.77 m 106.87 m 1286.05 m 1341.82 m 1416.60 m Mozambique 268.82 m 4655.07 m 7095.59 m 1154.24 m 1307.65 m 1414.66 m 708.07 m 8107.55 m 1414.66 m 708.07 m 1414.61 m 1414.6 | | | | | | | | |
| Guinea Bissa | | | | | | | | |
| Guinea-Bissau 726,68m 660,50m 720,13m 849,05m 998,01m 1060,51m 1123,28m Mozambique 2688,22m 663,507m 795,69m 10154,24m 14307,68m 14846,12m 14406,091m Nigeria 145587,83m 169200,01m 258000,86m 363538,89m 4622,24m 456775,41m 46045,50m Sierra Leone 1399,77m 1385,75m 1999,93m 2578,03m 3163,80m 3455,33m 396,69m Sierra Leone 2113,45m 2613,55m 1999,93m 2578,03m 3163,80m 3455,33m 396,69m Uganda 7393,26m 990,80m 1370,881m 2016,55m 2626,023m 27515,73m 2878,67m Alrican Group 2379,72m 2899,44m 746,69m 190,72m 190,72m 190,72m 190,72m 190,72m 1917,38m 390,89m 1917,38m 390,79m 190,72m 1917,38m 390,89m 1917,38m 390,89m 1917,38m 390,89m 1917,38m 390,89m 1917,38m 390,99m 1917,38m <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1109.78m</td></t<> | | | | | | | | 1109.78m |
| Mall 476 (91 m) 6071 (47 m) 8527 (27 m) 10678 (55 m) 1286 (63 m) 1342 (18 m) 1418 (22 m) 1406 (60 m) 1406 (60 m) 1406 (60 m) 1406 (70 m) | | | | | | | | |
| | | | | | | | | |
| Ngeri | | | | | | | | |
| Ngeria 14587.83m 169200.01m 258000.86m 36359.95m 464282.24m 25675.41m 46045.65m 2916.50m 2016.45m 2140.445m 2140.55m 2160.50m 213.45m 2159.77m 1385.75m 1997.93m 2578.03m 3163.80m 3355.38m 3496.69m 3496.69m 3496.20m 213.45m 2593.25m 26997.40m 370.81m 2166.20m 23795.27m 26097.40m 370.81m 2166.50m 26260.23m 27515.73m 28578.67m 28578.67m 2350.78m 2350.78m 15256.28m 15260.24m 25713.27m 30779.22m 31847.55m 33058.88m 2560.02m 25795.27m 26097.40m 25713.27m 26097.40m 25713.27m 30779.22m 31847.55m 33058.88m 2560.02m 2570.00m 2570. | | | | | | | | |
| Senegal 992.765m 1991.543m 1370.745m 216.1507m 21446.18m 2296.519m Togo 213.45m 2613.55m 276.241m 3426.02m 4615.82m 482.84m 5058.32m Togo 23795.27m 28998.90m 13703.01m 20166.50m 262.60.23m 482.84m 5058.32m African Group 23795.27m 28997.406m 3600.00m 1213.07m 101425.59m 161207.27m 189772.33m 19603482m 199171.38m Algeria 93174.67m 110425.59m 142251.90m 161207.27m 189772.33m 19603482m 199171.38m Comoros 597.63m 702.24m 786.93m 907.09m 1051.18m 1074.18m 1032.60m Liva 1.230.502m 14408.40m 1962.248m 2651.48m 3050.556m 3056.70m 31613.70m Libya 1.230.502m 14408.40m 1962.248m 2651.48m 3050.556m 3056.67m 33161.37m Libya 1.2667.80m 2796.78m 21967.85m 2659.77m 38419.65m | | | | | | | | |
| Sierra Leone | | | | | | | | |
| Togo 2113.45m 2613.55m 2762.41m 342.60m 4615.82m 4484.244m 5058.32m 2587.67m 2870.87m 4713.0381m 2018.650m 26260.23m 2515.73m 28578.67m 4717.0381m 2018.650m 62260.23m 6287.03m 7015.427m 1717.23m 1603.482m 1917.138m 6967.930m 7015.427m 1717.33m 1603.482m 1917.138m | | | | | | | | |
| Uganda 739.326m 9908-90m 13703.81m 20186.50m 26260.23m 27515.73m 28578.67m African Group 2379572.7m 280974.06m 360408.50m 532966.30m 683818.33m 2667.90m 101542.77m Algeria 91374.67m 110423.50m 142251.90m 161207.27m 189772.33m 196034.82m 199171.38m Comoros 597.63m 702.24m 786.93m 907.09m 1051.18m 1074.18m 1013.26m Djibouti 1128.61m 1570.97m | Sierra Leone | 1359.77m | 1385.75m | 1997.93m | 2578.03m | 3163.80m | | 3496.69m |
| Aircan Croup 23795.27m 280974.06m 396408.50m 53296.30m 683818.33m 686769.90m 70154.27mm Algeria 93114.67m 11043.35m 142251.90m 161207.27m 30779.22m 31847.55m 30368.88m Comoros 579.63m 702.24m 786.93m 907.09m 1051.18m 1074.18m 1103.26m Dijboutti 1128.61m 200.00m 2104.04m 271709.67m Iraq 18361.67zm 188646.54m 271709.67m Iraq | Togo | 2113.45m | 2613.55m | 2762.41m | 3426.02m | 4615.82m | 4842.84m | 5058.32m |
| Algeria 93174-67m 110423.59m 142251.90m 161207.27m 189772.33m 190034.82m 29171.33m 19034.82m 19171.33m 19034.82m 19171.33m 19034.82m 19171.33m 103058.88m Comoros 597.63m 702.24m 786.93m 907.09m 1051.18m 1074.18m 1103.26m Djibouti 1228.61m Egypt, Arab Rep. 103369.95m 136353.11m 162211.02m 18886.32m 249940.81m 21404.49m 214067.19m Iordan 12305.02m 14408.40m 1962.248m 26551.148m 30350.56m 30958.70m 31613.70m Kuwait 66799.06m 73401.58m 108931.46m 115419.05m 137963.71m 14200.00m 137056.87m Libya 48026.34m 61714.05m 74773.44m 37867.41m 36808.84m 4622.92m Mauritania 2412.85m 2700.58m 336.60m 337.79m 1221.33m 768.27m 70474.38m Palestine | Uganda | 7393.26m | 9908.90m | 13703.81m | 20186.50m | 26260.23m | 27515.73m | 28578.67m |
| Bahrain 1256.078m 1525.628m 1962.044m 2571.327m 3079.22m 31847.55m 3305.888m 200000000000000000000000000000000000 | African Group | 237957.27m | 280974.06m | 396408.50m | 532966.30m | 683818.33m | 686769.90m | 701542.77m |
| Bahrain 1256.078m 1525.628m 1962.044m 2571.327m 3079.22m 31847.55m 3305.888m 200000000000000000000000000000000000 | | | | | | | | |
| Comoros 597.63m 702.24m 786.93m 907.09m 1051.18m 1074.18m 1103.26m Dilbouti 1.286.1m 1286.8m 120.00m 2170.96.7m 120.00m 2170.96.7m 170.96.7m 170.06.7m 120.00m 210.00m 210.00m 120.00m 130.00m 130.00m 130.00m 130.00m 130.00m 130.00m 130.00m 120.00m 130.00m 120.00m 130.00m 120.00m 120.00m 130.00m 120.00m 120.00m 140.00m 120.00m 140.00m 120.00m 140.00m 140.00m 120.00m 140.00m 140.00m </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | | |
| Dibouti | | | | | | | | |
| Egypt, Arab Rep. 103369.95m 136353.11m 16221.102m 218888.32m 24994.081m 260804.84m 217179.67m Jordan 46941.53m 101597.12m 104187.99m 138516.72m 188465.54m 214044.49m 214047.19m Kuwait 66799.06m 73401.58m 108931.46m 115419.05m 137963.71m 124000.70m 31613.70m Lebanon 18691.93m 21967.85m 65597.77m 38419.63m 41812.20m 42484.84m 42718.75m Libya 4802.634m 61714.05m 74773.44m 37867.41m 5666.2m 5735.26m Morrocco 4706.903m 57519.65m 73014.08m 4337.79m 5457.47m 566.62m 5735.26m Morrocco 4706.903m 57519.65m 73014.08m 9311.675m 113333.50m 114660.18m 11934.692m Dalestine 4800.22m 37923.41m 461601.73m 528207.20m 67872.65m 69006.80m 64951.73m Soudi Arabia 349402.02m 379223.41m 46101.37m 52867.25m 776 | | 0,7,100111 | 7 0212 1111 | , 00, 50, 11 | | | 107 1110111 | 1100.20 |
| Iraq | | 103369 95m | 136353 11m | 162211 02m | | | 260804 84m | 271709 67m |
| Name | | | | | | | | |
| Kuwait 66799.06m 73401.58m 108931.46m 115419.05m 137963.71m 142000.70m 13705.687m Lebanon 18691.93m 21967.85m 26597.77m 38419.63m 41812.29m 42484.24m 42718.75m Libya 4802.634m 61714.05m 7473.44m 3786.741m 3560.83m 6627.92m Mauritania 2412.85m 2700.58m 3386.60m 4337.79m 5457.47m 5566.62m 5735.26m Morrocc 47069.03m 57519.65m 73014.08m 9321.67m 11338.95m 114934.92m 74074.38m Palestine 4804.28m 6312.33m 69632.44m 9813.10m 11238.08m 11767.22m 74074.38m Qatar 36044.30m 53352.37m 125122.31m 167122.80m 1706.8471m 173381.27m Sudia 349402.02m 379223.41m 461031.23m 582122.31m 678729.55m 690068.80m 684951.73m Sudia 2521.87m 34053.11m 46433.22m 65634.11m 7231.12m | | | | | | | | |
| Lebanon 18691.93m 21967.85m 26597.77m 38419.63m 41812.92m 42484.24m 42718.75m 4218.15m 42062.43m 61714.05m 74773.44m 37867.47m 3566.62m 5735.26m 3705.25m 37014.08m 37867.47m 5566.62m 5735.26m 37014.08m 37867.47m 5566.62m 5735.26m 37014.08m 377.79m 38457.47m 3566.62m 5735.26m 37014.08m 3216.75m 113383.50m 114660.18m 119346.92m 119346.92m | , | | | | | | | |
| Libya | | | | | | | | |
| Mauritania 2412.85m 2700.58m 3386.60m 4337.79m 5457.47m 5566.62m 5735.26m Morocco 47069.03m 57519.65m 73014.08m 93216.75m 113383.50m 114660.18m 119346.92m Oman 35920.41m 42407.80m 44278.54m 8913.10m 11231.30m 74768.27m 74074.38m Palestine 4804.28m 6312.38m 6983.24m 8913.10m 11238.08m 11767.22m 12136.74m Saudi Arabia 349402.02m 379223.41m 61601.73m 528207.20m 687829.55m 690068.80m 684951.73m Soudia - - - - - - - - Syrian Arab Rep. - <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | | | | | | | | |
| Morocco 4706,93m 5751,65m 73014,08m 93216,75m 113383,50m 11460,18m 19346,92m Oman 35920,41m 42407,80m 44278,84m 5862,39m 71221,33m 74768,27m 74074,38m Palestine 4804,28m 6312,38m 6983,24m 8913,10m 11238,08m 11767,22m 12136,74m Saudi Arabia 349402,02m 37923,41m 461601,73m 528207,20m 67872,65m 690068,80m 68951,73m Somalia . | | | | | | | | |
| Oman 35920.41m 42407.80m 44278.54m 58642.39m 71221.33m 74768.27m 74074.38m Palestine 4804.28m 6312.38m 6983.24m 8913.10m 11238.08m 11767.22m 12136.74m Saudi Arabia 349402.02m 379223.41m 461601.73m 528207.20m 678729.65m 690068.80m 684951.73m Somalia | | | | | | | | |
| Palestine 4804.28m 6312.38m 6983.24m 8913.10m 11238.08m 11767.22m 12136.74m Qatar 36044.30m 53352.37m 125122.31m 16712.80m 170684.71m 173381.27m Saudi Arabia 349402.02m 379223.41m 461601.73m 528207.20m 678729.65m 690068.80m 684951.73m Somalia | | | | | | | | |
| Qatar 36044.30m 53352.37m 125122.31m 167122.80m 170684.71m 173381.27m Saudi Arabia 349402.02m 379223.41m 461601.73m 528207.20m 678729.55m 690068.80m 684951.73m Somalia | | | | | | | | |
| Saudi Arabia 349402.02m 379223.41m 461601.73m 528207.20m 678729.65m 690068.80m 684951.73m Somalia . <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | | |
| Somalia | _ • | | | | | | | |
| Sudan 25423.87m 34053.11m 46433.22m 65634.11m 72731.12m 76149.48m 79411.02m Syrian Arab Rep. | | 349402.02m | 379223.41m | 461601.73m | 528207.20m | 678729.65m | 690068.80m | 684951.73m |
| Syrian Arab Rep. | | | | | | | | |
| Tunisia 22168.04m 29142.31m 35279.54m 44050.93m 48167.87m 48776.00m 49666.00m United Arab Emr. 151381.73m 198234.19m 257366.94m 289787.34m 373073.38m 384222.46m 387259.36m Yemen, Rep. 15818.89m 20345.85m 25002.18m 30906.75m 24080.16m 20800.09m 19564.09m Arab Group 903106.24m 1202440.25m 1490750.12m 1863423.02m 2252657.48m 2325639.81m 2346824.13m Albania 5429.71m 6933.73m 9223.23m 11926.95m 13034.27m 13470.92m 13987.75m Azerbaijan 949.95m 13351.06m 24740.90m 52902.70m 58511.00m 56718.11m 56558.15m Bangladesh 52933.64m 67013.46m 85860.36m 115279.08m 156629.55m 167771.38m 179992.15m Brunei Darussalam 11205.27m 11971.15m 13264.41m 13707.37m 13637.70m 13301.46m 13478.20m Guyana 1568.32m 1795.05m 1837.31m 2273.2 | | 25423.87m | 34053.11m | 46433.22m | 65634.11m | 72731.12m | 76149.48m | 79411.02m |
| United Arab Emr. 151381.73m 198234.19m 257366.94m 289787.34m 373073.38m 384222.46m 387259.36m Yemen, Rep. 15818.89m 20345.85m 25002.18m 30906.75m 24080.16m 20800.09m 19564.09m Arab Group 93106.24m 1202440.25m 1490750.12m 1863423.02m 2252657.48m 2325639.81m 2346824.13m Afghanistan . 9164.60m 15856.57m 19759.74m 20206.38m 20744.94m Albania 5429.71m 6933.73m 9223.23m 11926.95m 13034.27m 13470.92m 13987.75m Azerbaijan 9490.95m 13351.06m 24740.90m 52902.70m 58511.00m 56718.11m 56558.15m Bangladesh 52933.64m 67013.46m 85860.36m 115279.08m 156629.55m 167771.38m 77992.15m Brunei Darussalam 11205.27m 11971.15m 13264.41m 13707.37m 13637.70m 13301.46m 13478.20m Guyana 1568.32m 1795.05m 1837.31m 2273.23m 2831.92m | | | | | | | | |
| Yemen, Rep. 15818.89m 20345.85m 25002.18m 30906.75m 24080.16m 20800.09m 19564.09m Arab Group 903106.24m 1202440.25m 1490750.12m 1863423.02m 225657.48m 2325639.81m 2346824.13m Afghanistan . | Tunisia | 22168.04m | 29142.31m | 35279.54m | 44050.93m | 48167.87m | 48776.00m | 49666.00m |
| Arab Group 903106.24m 1202440.25m 1490750.12m 1863423.02m 2252657.48m 2325639.81m 2346824.13m Afghanistan 9164.60m 15856.57m 19759.74m 20206.38m 20744.94m Albania 5429.71m 6933.73m 9223.23m 11926.95m 1334.27m 13470.92m 13987.75m Azerbaijan 9490.95m 13351.06m 24740.90m 52902.70m 58511.00m 56718.11m 56558.15m Bangladesh 52933.64m 67013.46m 85860.36m 115279.08m 156629.55m 167771.38m 179992.15m Brunei Darussalam 11205.27m 11971.15m 13264.41m 13707.37m 13637.70m 13301.46m 13478.20m Guyana 1568.32m 1795.05m 1837.31m 2273.23m 2831.92m 2925.83m 2986.69m Indonesia 437209.21m 453413.62m 571204.95m 755094.16m 988128.60m 1037861.79m 1090454.47m Iran, Islamic Rep. 274304.42m 316232.66m 400345.00m 47694.35m | United Arab Emr. | 151381.73m | | 257366.94m | 289787.34m | | 384222.46m | 387259.36m |
| Afghanistan 9164.60m 15856.57m 19759.74m 20206.38m 20744.94m Albania 5429.71m 6933.73m 9223.23m 11926.95m 13034.27m 13470.92m 13987.75m Azerbaijan 9490.95m 13351.06m 24740.90m 52902.70m 58511.00m 56718.11m 56558.15m Bangladesh 52933.64m 67013.46m 85860.36m 11527.90.8m 156629.55m 167771.38m 179992.15m Brunei Darussalam 11205.27m 11971.15m 13264.41m 13707.37m 13637.70m 13301.46m 13478.20m Guyana 1568.32m 1795.05m 1837.31m 2273.23m 2831.92m 2925.83m 2986.69m Indonesia 437209.21m 453413.62m 571204.95m 755094.16m 988128.60m 1037861.79m 1090454.47m Iran, Islamic Rep. 274304.42m 316232.66m 400345.00m 487069.57m 476718.83m 540581.25m 560881.09m Kyrgyz Republic 2440.01m 3205.08m 3859.38m 4794.36m 6075.31m | Yemen, Rep. | 15818.89m | 20345.85m | 25002.18m | 30906.75m | 24080.16m | 20800.09m | 19564.09m |
| Albania 5429.71m 6933.73m 9223.23m 11926.95m 13034.27m 13470.92m 13987.75m Azerbaijan 9490.95m 13351.06m 24740.90m 52902.70m 58511.00m 56718.11m 56558.15m Bangladesh 52933.64m 67013.46m 85860.36m 115279.08m 156629.55m 167771.38m 179992.15m Brunei Darussalam 11205.27m 11971.15m 13264.41m 13707.37m 13637.70m 13301.46m 13478.20m Guyana 1568.32m 1795.05m 1837.31m 2273.23m 2831.92m 2925.83m 2986.69m Indonesia 437209.21m 453413.62m 571204.95m 755.094.16m 988128.60m 1037861.79m 1090454.47m Iran, Islamic Rep. 274304.42m 316232.66m 400345.00m 487069.57m 476718.83m 540581.25m 560881.09m Kazakhstan 59126.24m 66851.17m 109482.47m 148047.35m 186260.30m 188309.16m 196029.84m Kyrgyz Republic 2440.01m 3205.08m 3859.38m 47 | Arab Group | 903106.24m | 1202440.25m | 1490750.12m | 1863423.02m | 2252657.48m | 2325639.81m | 2346824.13m |
| Azerbaijan 9490.95m 13351.06m 24740.90m 52902.70m 58511.00m 56718.11m 56558.15m Bangladesh 52933.64m 67013.46m 85860.36m 115279.08m 156629.55m 167771.38m 179992.15m Brunei Darussalam 11205.27m 11971.15m 13264.41m 13707.37m 13637.70m 13301.46m 13478.20m Guyana 1568.32m 1795.05m 1837.31m 2273.23m 2831.92m 2925.83m 2986.69m Indonesia 437209.21m 453413.62m 571204.95m 755094.16m 988128.60m 1037861.79m 1090454.47m Iran, Islamic Rep. 274304.42m 316232.66m 400345.00m 487069.57m 476718.83m 540581.25m 560881.09m Kazakhstan 59126.24m 66851.17m 109482.47m 148047.35m 186260.30m 188309.16m 196029.84m Kyrgyz Republic 2440.01m 3205.08m 3859.38m 4794.36m 6075.31m 6336.54m 6634.36m Malaysia 126813.23m 162523.12m 204863.38m | Afghanistan | | | 9164.60m | 15856.57m | 19759.74m | 20206.38m | 20744.94m |
| Bangladesh 52933.64m 67013.46m 85860.36m 115279.08m 156629.55m 167771.38m 179992.15m Brunei Darussalam 11205.27m 11971.15m 13264.41m 13707.37m 13637.70m 13301.46m 13478.20m Guyana 1568.32m 1795.05m 1837.31m 2273.23m 2831.92m 2925.83m 2986.69m Indonesia 437209.21m 453413.62m 571204.95m 755094.16m 988128.60m 1037861.79m 1090454.47m Iran, Islamic Rep. 274304.42m 316232.66m 400345.00m 487069.57m 476718.83m 540581.25m 560881.09m Kazakhstan 59126.24m 66851.17m 109482.47m 148047.35m 186260.30m 188309.16m 196029.84m Kyrgyz Republic 2440.01m 3205.08m 3859.38m 4794.36m 6075.31m 6336.54m 6634.36m Malaysia 128613.23m 162523.12m 204863.38m 255016.61m 330321.32m 344272.14m 364573.90m Maldives 1168.95m 1619.84m 1748.80m | Albania | 5429.71m | 6933.73m | 9223.23m | 11926.95m | 13034.27m | 13470.92m | 13987.75m |
| Brunei Darussalam 11205.27m 11971.15m 13264.41m 13707.37m 13637.70m 13301.46m 13478.20m Guyana 1568.32m 1795.05m 1837.31m 2273.23m 2831.92m 2925.83m 2986.69m Indonesia 437209.21m 453413.62m 571204.95m 755094.16m 988128.60m 1037861.79m 1090454.47m Iran, Islamic Rep. 274304.42m 316232.66m 400345.00m 487069.57m 476718.83m 540581.25m 560881.09m Kazakhstan 59126.24m 66851.17m 109482.47m 148047.35m 186260.30m 188309.16m 196029.84m Kyrgyz Republic 2440.01m 3205.08m 3859.38m 4794.36m 6075.31m 6336.54m 6634.36m Malaysia 128613.23m 162523.12m 204863.38m 255016.61m 330321.32m 344272.14m 364573.90m Maldives 1168.95m 1619.84m 1748.80m 2588.18m 3412.57m 3661.31m 3914.37m Suriname 2452.93m 2696.86m 3481.76m 4368.40m | Azerbaijan | 9490.95m | | 24740.90m | 52902.70m | 58511.00m | | 56558.15m |
| Brunei Darussalam 11205.27m 11971.15m 13264.41m 13707.37m 13637.70m 13301.46m 13478.20m Guyana 1568.32m 1795.05m 1837.31m 2273.23m 2831.92m 2925.83m 2986.69m Indonesia 437209.21m 453413.62m 571204.95m 755094.16m 988128.60m 1037861.79m 1090454.47m Iran, Islamic Rep. 274304.42m 316232.66m 400345.00m 487069.57m 476718.83m 540581.25m 560881.09m Kazakhstan 59126.24m 66851.17m 109482.47m 148047.35m 186260.30m 188309.16m 196029.84m Kyrgyz Republic 2440.01m 3205.08m 3859.38m 4794.36m 6075.31m 6336.54m 6634.36m Malaysia 128613.23m 162523.12m 204863.38m 255016.61m 330321.32m 344272.14m 364573.90m Maldives 1168.95m 1619.84m 1748.80m 2588.18m 3412.57m 3661.31m 3914.37m Suriname 2452.93m 2696.86m 3481.76m 4368.40m | Bangladesh | 52933.64m | 67013.46m | 85860.36m | 115279.08m | 156629.55m | 167771.38m | 179992.15m |
| Guyana 1568.32m 1795.05m 1837.31m 2273.23m 2831.92m 2925.83m 2986.69m Indonesia 437209.21m 453413.62m 571204.95m 755094.16m 988128.60m 1037861.79m 1090454.47m Iran, Islamic Rep. 274304.42m 316232.66m 400345.00m 487069.57m 476718.83m 540581.25m 560881.09m Kazakhstan 59126.24m 66851.17m 109482.47m 148047.35m 186260.30m 188309.16m 196029.84m Kyrgyz Republic 2440.01m 3205.08m 3859.38m 4794.36m 6075.31m 6336.54m 6634.36m Malaysia 128613.23m 162523.12m 204863.38m 255016.61m 330321.32m 344272.14m 36473.90m Maldives 1168.95m 1619.84m 1748.80m 2588.18m 3412.57m 3661.31m 3914.37m Pakistan 100147.02m 117555.26m 149990.71m 177406.85m 215932.85m 227866.89m 240856.71m Suriname 2452.93m 2696.86m 3481.76m 4368.40m | | | | | | | | |
| Indonesia 437209.21m 453413.62m 571204.95m 755094.16m 988128.60m 1037861.79m 1090454.47m Iran, Islamic Rep. 274304.42m 316232.66m 400345.00m 487069.57m 476718.83m 540581.25m 560881.09m Kazakhstan 59126.24m 66851.17m 109482.47m 148047.35m 186260.30m 188309.16m 196029.84m Kyrgyz Republic 2440.01m 3205.08m 3859.38m 4794.36m 6075.31m 6336.54m 6634.36m Malaysia 128613.23m 162523.12m 204863.38m 255016.61m 330321.32m 344272.14m 364573.90m Maldives 1168.95m 1619.84m 1748.80m 2588.18m 3412.57m 3661.31m 3914.37m Pakistan 100147.02m 117555.26m 149990.71m 177406.85m 215932.85m 227866.89m 240856.71m Suriname 2452.93m 2696.86m 3481.76m 4368.40m 4732.95m 4469.74m 45451.5m Turkey 427852.04m 520947.37m 658128.61m 771901.77 | | | | | | | | |
| Iran, Islamic Rep. 274304.42m 316232.66m 400345.00m 487069.57m 476718.83m 540581.25m 560881.09m Kazakhstan 59126.24m 66851.17m 109482.47m 148047.35m 186260.30m 188309.16m 196029.84m Kyrgyz Republic 2440.01m 3205.08m 3859.38m 4794.36m 6075.31m 6336.54m 6634.36m Malaysia 128613.23m 162523.12m 204863.38m 255016.61m 330321.32m 344272.14m 364573.90m Maldives 1168.95m 1619.84m 1748.80m 2588.18m 3412.57m 3661.31m 3914.37m Pakistan 100147.02m 117555.26m 149990.71m 177406.85m 215932.85m 227866.89m 240856.71m Suriname 2452.93m 2696.86m 3481.76m 4368.40m 4732.95m 4469.74m 45451.5m Tajikistan 2577.51m 2582.67m 4095.67m 5642.18m 7912.97m 8456.82m 9101.02m Turkey 427852.04m 520947.37m 658128.61m 771901.77m | | | | | | | | 1090454.47m |
| Kazakhstan 59126.24m 66851.17m 109482.47m 148047.35m 186260.30m 188309.16m 196029.84m Kyrgyz Republic 2440.01m 3205.08m 3859.38m 4794.36m 6075.31m 6336.54m 6634.36m Malaysia 128613.23m 162523.12m 204863.38m 255016.61m 330321.32m 344272.14m 364573.90m Maldives 1168.95m 1619.84m 1748.80m 2588.18m 3412.57m 3661.31m 3914.37m Pakistan 100147.02m 117555.26m 149990.71m 177406.85m 215932.85m 227866.89m 240856.71m Suriname 2452.93m 2696.86m 3481.76m 4368.40m 4732.95m 4469.74m 4545.15m Tajikistan 2577.51m 2582.67m 4095.67m 5642.18m 7912.97m 8456.82m 9101.02m Turkey 427852.04m 520947.37m 658128.61m 771901.77m 1087875.53m 1122511.66m 1206039.92m Turkey 427852.04m 20169.34m 26164.85m 39332.77m 57318.39 | | | | | | | | |
| Kyrgyz Republic 2440.01m 3205.08m 3859.38m 4794.36m 6075.31m 6336.54m 6634.36m Malaysia 128613.23m 162523.12m 204863.38m 255016.61m 330321.32m 344272.14m 364573.90m Maldives 1168.95m 1619.84m 1748.80m 2588.18m 3412.57m 3661.31m 3914.37m Pakistan 100147.02m 117555.26m 149990.71m 177406.85m 215932.85m 227866.89m 240856.71m Suriname 2452.93m 2696.86m 3481.76m 4368.40m 4732.95m 4469.74m 4545.15m Tajikistan 2577.51m 2582.67m 4095.67m 5642.18m 7912.97m 8456.82m 9101.02m Turkey 427852.04m 520947.37m 658128.61m 771901.77m 1087875.53m 1122511.66m 1206039.92m Turkey 427852.04m 10753.70m 13788.27m 22583.16m 37253.65m 39563.38m 42135.00m Uzbekistan 16689.48m 20169.34m 26164.85m 39332.77m 57318.39m <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | | |
| Malaysia 128613.23m 162523.12m 204863.38m 255016.61m 330321.32m 344272.14m 364573.90m Maldives 1168.95m 1619.84m 1748.80m 2588.18m 3412.57m 3661.31m 3914.37m Pakistan 100147.02m 117555.26m 149990.71m 177406.85m 215932.85m 227866.89m 240856.71m Suriname 2452.93m 2696.86m 3481.76m 4368.40m 4732.95m 4469.74m 4545.15m Tajikistan 2577.51m 2582.67m 4095.67m 5642.18m 7912.97m 8456.82m 9101.02m Turkey 427852.04m 520947.37m 658128.61m 771901.77m 1087875.53m 1122511.66m 1206039.92m Turkmenistan 8644.09m 10753.70m 13788.27m 22583.16m 37253.65m 39563.38m 42135.00m Uzbekistan 16689.48m 20169.34m 26164.85m 39332.77m 57318.39m 60811.56m 63524.75m Asian Group 1541853.01m 1779615.16m 2291244.66m 2885791.26m <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | | | | | | | | |
| Maldives 1168.95m 1619.84m 1748.80m 2588.18m 3412.57m 3661.31m 3914.37m Pakistan 100147.02m 117555.26m 149990.71m 177406.85m 215932.85m 227866.89m 240856.71m Suriname 2452.93m 2696.86m 3481.76m 4368.40m 4732.95m 4469.74m 4545.15m Tajikistan 2577.51m 2582.67m 4095.67m 5642.18m 7912.97m 8456.82m 9101.02m Turkey 427852.04m 520947.37m 658128.61m 771901.77m 1087875.53m 1122511.66m 1206039.92m Turkmenistan 8644.09m 10753.70m 13788.27m 22583.16m 37253.65m 39563.38m 42135.00m Uzbekistan 16689.48m 20169.34m 26164.85m 39332.77m 57318.39m 60811.56m 63524.75m Asian Group 1541853.01m 1779615.16m 2291244.66m 2885791.26m 3666347.44m 3859096.32m 4076438.46m OIC Total 2682916.51m 3263029.46m 4178403.28m 5282180.57m | , ,, | | | | | | | |
| Pakistan 100147.02m 117555.26m 149990.71m 177406.85m 215932.85m 227866.89m 240856.71m Suriname 2452.93m 2696.86m 3481.76m 4368.40m 4732.95m 4469.74m 4545.15m Tajikistan 2577.51m 2582.67m 4095.67m 5642.18m 7912.97m 8456.82m 9101.02m Turkey 427852.04m 520947.37m 658128.61m 771901.77m 1087875.53m 1122511.66m 1206039.92m Turkmenistan 8644.09m 10753.70m 13788.27m 22583.16m 37253.65m 39563.38m 42135.00m Uzbekistan 16689.48m 20169.34m 26164.85m 39332.77m 57318.39m 60811.56m 63524.75m Asian Group 1541853.01m 1779615.16m 2291244.66m 2885791.26m 3666347.44m 385906.32m 4076438.46m OIC Total 2682916.51m 3263029.46m 4178403.28m 5282180.57m 6602823.25m 6871506.04m 7124805.37m World Total 42210614.33 50036361.14 58161311.62 | | | | | | | | |
| Suriname 2452.93m 2696.86m 3481.76m 4368.40m 4732.95m 4469.74m 4545.15m Tajikistan 2577.51m 2582.67m 4095.67m 5642.18m 7912.97m 8456.82m 9101.02m Turkey 427852.04m 520947.37m 658128.61m 771901.77m 1087875.53m 1122511.66m 1206039.92m Turkenenistan 8644.09m 10753.70m 13788.27m 22583.16m 37253.65m 39563.38m 42135.00m Uzbekistan 16689.48m 20169.34m 26164.85m 39332.77m 57318.39m 60811.56m 63524.75m Asian Group 1541853.01m 1779615.16m 2291244.66m 2885791.26m 3666347.44m 3859096.32m 40764384.6m OIC Total 2682916.51m 3263029.46m 4178403.28m 5282180.57m 6602823.25m 6871506.04m 7124805.37m World Total 42210614.33 50036361.14 58161311.62 66036918.50 75802901.43 77752106.72 80209237.76 | | | | | | | | |
| Tajikistan 2577.51m 2582.67m 4095.67m 5642.18m 7912.97m 8456.82m 9101.02m Turkey 427852.04m 520947.37m 658128.61m 771901.77m 1087875.53m 1122511.66m 1206039.92m Turkenenistan 8644.09m 10753.70m 13788.27m 22583.16m 37253.65m 39563.38m 42135.00m Uzbekistan 16689.48m 20169.34m 26164.85m 39332.77m 57318.39m 60811.56m 63524.75m Asian Group 1541853.01m 1779615.16m 2291244.66m 2885791.26m 3666347.44m 3859096.32m 4076438.46m OIC Total 2682916.51m 3263029.46m 4178403.28m 5282180.57m 6602823.25m 6871506.04m 7124805.37m World Total 42210614.33 50036361.14 58161311.62 66036918.50 75802901.43 77752106.72 80209237.76 | | | | | | | | |
| Turkey 427852.04m 520947.37m 658128.61m 771901.77m 1087875.53m 1122511.66m 1206039.92m Turkmenistan 8644.09m 10753.70m 13788.27m 22583.16m 37253.65m 39563.38m 42135.00m Uzbekistan 16689.48m 20169.34m 26164.85m 39332.77m 57318.39m 60811.56m 63524.75m Asian Group 1541853.01m 1779615.16m 2291244.66m 2885791.26m 3666347.44m 3859096.32m 4076438.46m OIC Total 2682916.51m 3263029.46m 4178403.28m 5282180.57m 6602823.25m 6871506.04m 7124805.37m World Total 42210614.33 50036361.14 58161311.62 66036918.50 75802901.43 77752106.72 80209237.66 | | | | | | | | |
| Turkmenistan 8644.09m 10753.70m 13788.27m 22583.16m 37253.65m 39563.38m 42135.00m Uzbekistan 16689.48m 20169.34m 26164.85m 39332.77m 57318.39m 60811.56m 63524.75m Asian Group 1541853.01m 1779615.16m 2291244.66m 2885791.26m 3666347.44m 3859096.32m 4076438.46m OIC Total 2682916.51m 3263029.46m 4178403.28m 5282180.57m 6602823.25m 6871506.04m 7124805.37m World Total 42210614.33 50036361.14 58161311.62 66036918.50 75802901.43 77752106.72 80209237.76 | | | | | | | | |
| Uzbekistan 16689.48m 20169.34m 26164.85m 39332.77m 57318.39m 60811.56m 63524.75m Asian Group 1541853.01m 1779615.16m 2291244.66m 2885791.26m 3666347.44m 3859096.32m 4076438.46m OIC Total 2682916.51m 3263029.46m 4178403.28m 5282180.57m 6602823.25m 6871506.04m 7124805.37m World Total 42210614.33 50036361.14 58161311.62 66036918.50 75802901.43 77752106.72 80209237.76 | | | | | | | | |
| Asian Group 1541853.01m 1779615.16m 2291244.66m 2885791.26m 3666347.44m 3859096.32m 4076438.46m OIC Total 2682916.51m 3263029.46m 4178403.28m 5282180.57m 6602823.25m 6871506.04m 7124805.37m World Total 42210614.33 50036361.14 58161311.62 66036918.50 75802901.43 77752106.72 80209237.76 | | | | | | | | |
| OIC Total 2682916.51m 3263029.46m 4178403.28m 5282180.57m 6602823.25m 6871506.04m 7124805.37m World Total 42210614.33 50036361.14 58161311.62 66036918.50 75802901.43 77752106.72 80209237.76 | | | | | | | | |
| World Total 42210614.33 50036361.14 58161311.62 66036918.50 75802901.43 77752106.72 80209237.76 | | | | | | | | |
| | | | | | | | | 7124805.37m |
| | | | 50036361.14 | 58161311.62 | 66036918.50 | 75802901.43 | 77752106.72 | 80209237.76 |



Annex 6: Total Population, Thousands

| Country Name | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
|----------------------|-----------------|-------------|-------------|------------|------------|----------|
| Benin | 5906 | 6866 | 7982 | 9199 | 10576 | 12123 |
| Burkina Faso | 10090 | 11608 | 13422 | 15605 | 18111 | 20903 |
| Cameroon | 13600 | 15514 | 17733 | 20341 | 23298 | 26546 |
| Chad | 7010 | 8356 | 10097 | 11952 | 14111 | 16426 |
| Cote d'Ivoire | 14200 | 16455 | 18355 | 20533 | 23226 | 26378 |
| Gabon | 1085 | 1228 | 1391 | 1624 | 1948 | 2226 |
| Gambia, The | 1129 | 1318 | 1544 | 1793 | 2086 | 2417 |
| Guinea | 7270 | 8241 | 9110 | 10192 | 11432 | 13133 |
| | | | | | | |
| Guinea-Bissau | 1089 | 1201 | 1345 | 1523 | 1737 | 1968 |
| Mali | 9586 | 10946 | 12776 | 15049 | 17439 | 20251 |
| Mozambique | 15483 | 17712 | 20494 | 23532 | 27042 | 31255 |
| Niger | 9490 | 11332 | 13624 | 16464 | 20002 | 24207 |
| Nigeria | 107948 | 122284 | 138865 | 158503 | 181137 | 206140 |
| Senegal | 8690 | 9798 | 11090 | 12678 | 14578 | 16744 |
| Sierra Leone | 4304 | 4585 | 5646 | 6416 | 7172 | 7977 |
| Togo | 4226 | 4924 | 5612 | 6422 | 7323 | 8279 |
| Uganda | 20413 | 23650 | 27685 | 32428 | 38225 | 45741 |
| African Group | 241,518k | 276,017k | 316,768k | 364,255k | 419,444k | 482714k |
| Algeria | 28758 | 31042 | 33150 | 35977 | 39728 | 43851 |
| Bahrain | 564 | 0665 | 889 | 1241 | 1372 | 1702 |
| Comoros | 475 | 542 | 612 | 690 | 777 | 870 |
| Djibouti | 630 | 718 | 783 | 840 | 914 | 988 |
| Egypt, Arab Rep. | 62334 | 68832 | 75524 | 82761 | 92443 | 102334 |
| Iraq | 20149 | 23498 | 26922 | 29742 | 35572 | 40223 |
| Jordan | 4589 | 5122 | 5766 | 7262 | 9267 | 10203 |
| | | | | | | |
| Kuwait | 1606 | 2045 | 2270 | 2992 | 3836 | 4271 |
| Lebanon | 3528 | 3843 | 4699 | 4953 | 6533 | 6825 |
| Libya | 4949 | 5358 | 5799 | 6198 | 6418 | 6871 |
| Mauritania | 2314 | 2630 | 3024 | 3494 | 4046 | 4650 |
| Morocco | 26994 | 28794 | 30456 | 32343 | 34664 | 36911 |
| Oman | 2204 | 2268 | 2511 | 3041 | 4267 | 5107 |
| Palestine | 2475 | 2922 | 3320 | 3786 | 4270 | 4803 |
| Qatar | 0513 | 0592 | 865 | 1856 | 2566 | 2881 |
| Saudi Arabia | 18639 | 20664 | 23816 | 27421 | 31718 | 34814 |
| Somalia | 7492 | 8872 | 10447 | 12044 | 13797 | 15893 |
| Sudan | 24095 | 27275 | 30950 | 34545 | 38903 | 43849 |
| Syrian Arab Republic | 14345 | 16411 | 18361 | 21363 | 17997 | 17501 |
| Tunisia | 9125 | 9708 | 10107 | 10635 | 11180 | 11819 |
| United Arab Emirates | 2415 | 3134 | 4588 | 8550 | 9263 | 9890 |
| Yemen, Rep. | 14913 | 17409 | 20107 | 23155 | 26498 | 29826 |
| Arab Group | 253,107k | 282,344k | 314,966k | 354,890k | 396,028k | 436082k |
| | | | | | | |
| Afghanistan | 18111 | 20780 | 25654 | 29186 | 34414 | 38928 |
| Albania | 3188 | 3089 | 3011 | 2913 | 2881 | 2838 |
| Azerbaijan | 7685 | 8049 | 8392 | 9054 | 9649 | 10110 |
| Bangladesh | 115170 | 127658 | 139036 | 147575 | 156256 | 164689 |
| Brunei Darussalam | 297 | 333 | 365 | 389 | 415 | 437 |
| Guyana | 761 | 747 | 746 | 749 | 767 | 787 |
| Indonesia | 196934 | 211514 | 226289 | 241834 | 258383 | 273524 |
| ran, Islamic Rep. | 61443 | 65623 | 69762 | 73763 | 78492 | 83993 |
| Kazakhstan | 15816 | 14884 | 15147 | 16322 | 17543 | 18754 |
| Kyrgyz Republic | 4560 | 4898 | 5163 | 5448 | 5957 | 6592 |
| Malaysia | 20488 | 23194 | 25691 | 28208 | 30271 | 32366 |
| Maldives | 254 | 279 | 320 | 366 | 455 | 541 |
| Pakistan | 123777 | 142344 | 160304 | 179425 | 199427 | 220892 |
| Suriname | 442 | 471 | 499 | 529 | 559 | 587 |
| Tajikistan | 5765 | 6216 | 6789 | 7527 | 8454 | 9538 |
| • | | | | | | |
| Turkey | 58486 | 63240 | 67903 | 72327 | 78529 | 84339 |
| Turkmenistan | 4208 | 4516 | 4755 | 5087 | 5565 | 6031 |
| Uzbekistan | 22785 | 24650 | 26167 | 28562 | 31299 | 34232 |
| Asian Group | 660,169k | 722,486k | 785,994k | 849,264k | 919,317k | 989178k |
| | 4 4 5 4 5 6 5 1 | 4 200 0471. | 4 447 7301. | 1 FCQ 400k | 1 724 7006 | 10070741 |
| OIC Total | 1,154,795k | 1,280,847k | 1,417,728k | 1,568,409k | 1,734,789k | 1907974k |

Source: World Development Indicator



| Annex 7: Rural Pop Country Name | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
|------------------------------------|------------|------------|------------|------------|------------|----------|
| Benin | 3735 | 4234 | 4746 | 5235 | 5743 | 6254 |
| Burkina Faso | 8563 | 9537 | 10531 | 11761 | 13125 | 14505 |
| Cameroon | 7810 | 8449 | 9125 | 9854 | 10583 | 11266 |
| Chad | 5505 | 6548 | 7895 | 9324 | 10934 | 12563 |
| | | | | | | |
| Cote d'Ivoire | 8348 | 9354 | 10052 | 10815 | 11742 | 12739 |
| Gabon | 273 | 259 | 244 | 235 | 231 | 221 |
| Gambia, The | 639 | 687 | 741 | 795 | 850 | 904 |
| Guinea | 5127 | 5697 | 6171 | 6760 | 7415 | 8290 |
| Guinea-Bissau | 715 | 766 | 832 | 912 | 1005 | 1098 |
| Mali | 7139 | 7842 | 8680 | 9632 | 10465 | 11359 |
| Mozambique | 11226 | 12558 | 14346 | 16041 | 17740 | 19668 |
| Niger | 7993 | 9497 | 11412 | 13793 | 16752 | 20182 |
| Nigeria | 73184 | 79680 | 84605 | 89586 | 94485 | 99034 |
| Senegal | 5248 | 5847 | 6464 | 7129 | 7892 | 8686 |
| Sierra Leone | 2822 | 2951 | 3561 | 3923 | 4244 | 4553 |
| Годо | 2929 | 3304 | 3637 | 4011 | 4387 | 4735 |
| Uganda | 17791 | 20153 | 22989 | 26143 | 29793 | 34327 |
| African Group | 169,048k | 187,364k | 206,032k | 225,948k | 247,386k | 270384k |
| Algeria | 12654 | 12442 | 11990 | 11678 | 11582 | 11518 |
| Bahrain | 65 | 77 | 0103 | 141 | 151 | 179 |
| Comoros | 341 | 390 | 441 | 0497 | 556 | 614 |
| Djibouti | 149 | 168 | 182 | 193 | 206 | 217 |
| Egypt, Arab Rep. | 35646 | 39374 | 43028 | 47158 | 52891 | 58553 |
| raq | 6291 | 7403 | 8409 | 9189 | 10700 | 11708 |
| Jordan | 1000 | 1113 | 1183 | 1010 | 903 | 876 |
| Kuwait | 1606 | 2045 | 2270 | 2992 | 3836 | 0 |
| Lebanon | 536 | 538 | 628 | 627 | 777 | 756 |
| Libya | 1188 | 1265 | 1329 | 1360 | 1331 | 1327 |
| Mauritania | 1418 | 1628k | 1751 | 1866 | 1979 | 2077 |
| Morocco | 13040 | 13437 | 13652 | 13578 | 13585 | 13461 |
| Oman | 624 | 645 | 693 | 755 | 796 | 701 |
| Palestine | 737 | 819 | 894 | 979 | 1052 | 1118 |
| | | | | | | 22 |
| Qatar | 26 | 22 | 23 | 28 | 27 | |
| Saudi Arabia | 3976 | 4164 | 4530 | 4913 | 5335 | 5470 |
| Somalia | 5137 | 5922 | 6654 | 7309 | 7831 | 8560 |
| Sudan | 16329 | 18412 | 20810 | 23114 | 25717 | 28391 |
| Syrian Arab Republic | 7158 | 7886 | 8486 | 9485 | 8609 | 7792 |
| Tunisia | 3516 | 3550 | 3513 | 3546 | 3571 | 3597 |
| United Arab Emirates | 524 | 619 | 814 | 1361 | 1327 | 1281 |
| Yemen, Rep. | 11370 | 12836 | 14289 | 15797 | 17283 | 18520 |
| Arab Group | 123,331k | 133,127k | 145,672k | 157,576k | 170,045k | 176738k |
| Afghanistan | 14194 | 16192 | 19830 | 22258 | 25878 | 28797 |
| Albania | 1947 | 1800 | 1604 | 1394 | 1226 | 1075 |
| Azerbaijan | 3673 | 3913 | 3995 | 4219 | 4370 | 4408 |
| Bangladesh | 90186 | 97543 | 101761 | 102621 | 102648 | 101816 |
| Brunei Darussalam | 93 | 96 | 98 | 97 | 97 | 95 |
| Guyana | 539 | 532 | 539 | 550 | 565 | 576 |
| ndonesia | 125888 | 122674 | 122328 | 121125 | 120631 | 118597 |
| ran, Islamic Rep. | 24432 | 23597 | 22632 | 21667 | 20912 | 20264 |
| Kazakhstan | 6971 | 6534 | 6595 | 7047 | 7510 | 7939 |
| Cyrgyz Republic | 2903 | 3169 | 3341 | 3524 | 3826 | 4162 |
| Malaysia | 9078 | 8819 | 8582 | 8205 | 7806 | 7392 |
| Maldives | 189 | 202 | 212 | 232 | 280 | 321 |
| Pakistan | 84371 | 95396 | 105830 | 116631 | 127581 | 138798 |
| Suriname | 150 | 158 | 166 | 178 | 190 | 199 |
| Tajikistan | 4100 | 4569 | 4989 | 5531 | 6193 | 6914 |
| Furkey | 22153 | 22298 | 21838 | 21101 | 20723 | 20153 |
| | | | | | | |
| Turkmenistan | 2323 | 2443 | 2517 | 2620 | 2765 | 2864 |
| Uzbekistan | 12821 | 13280 | 13466 | 14008 | 15415 | 16974 |
| Asian Group | 406,013k | 423,215k | 440,324k | 453,010k | 468,615k | 481344k |
| OIC Total | 698,392k | 743,706k | 792,028k | 836,534k | 886,046k | 928466k |
| World Total | 3,147,042k | 3,259,100k | 3,310,653k | 3,346,700k | 3,382,164k | 3397376k |

World Total 3,147,042k Source: World Development Indicator



Annex 8: Rural Population, as Percentage of Total Population

| Country Nove | 1005 | 2000 | 2005 | 2010 | 2015 | 2020 |
|----------------------|-------------|-------------|-------------|-------------|-------------|----------|
| Country Name | 1995 | 2000 | 2005 | 2010 | 2015 | 2020 |
| Benin | 63.242 | 61.667 | 59.457 | 56.907 | 54.305 | 51,585 |
| Burkina Faso | 84.869 | 82.156 | 78.463 | 75.367 | 72.47 | 69,393 |
| Cameroon | 57.427 | 54.458 | 51.459 | 48.441 | 45.422 | 42,44 |
| Chad | 78.527 | 78.363 | 78.199 | 78.015 | 77.485 | 76,48 |
| Cote d'Ivoire | 58.79 | 56.845 | 54.766 | 52.67 | 50.556 | 48,294 |
| Gabon | 25.203 | 21.121 | 17.548 | 14.467 | 11.882 | 9,908 |
| Gambia, The | 56.638 | 52.132 | 47.98 | 44.338 | 40.772 | 37,418 |
| Guinea | 70.525 | 69.131 | 67.743 | 66.322 | 64.859 | 63,125 |
| Guinea-Bissau | 65.629 | 63.757 | 61.843 | 59.889 | 57.877 | 55,804 |
| Mali | 74.481 | 71.644 | 67.94 | 64.001 | 60.009 | 56,091 |
| Mozambique | 72.505 | 70.902 | 70.001 | 68.17 | 65.6 | 62,926 |
| Niger | 84.227 | 83.814 | 83.758 | 83.779 | 83.753 | 83,374 |
| Nigeria | 67.795 | 65.16 | 60.926 | 56.52 | 52.162 | 48,042 |
| Senegal | 60.394 | 59.68 | 58.286 | 56.227 | 54.138 | <u> </u> |
| | | | | | | 51,878 |
| Sierra Leone | 65.571 | 64.374 | 63.081 | 61.144 | 59.171 | 57,077 |
| Togo | 69.295 | 67.093 | 64.815 | 62.467 | 59.9 | 57,2 |
| Uganda | 87.154 | 85.214 | 83.04 | 80.617 | 77.94 | 75,046 |
| African Group | 67.19247059 | 65.14770588 | 62.90029412 | 60.54947059 | 58.13535294 | 55,65 |
| Algeria | 44.003 | 40.081 | 36.17 | 32.46 | 29.152 | 26,267 |
| Bahrain | 11.612 | 11.628 | 11.578 | 11.366 | 11.001 | 10,494 |
| Comoros | 71.699 | 71.92 | 72.125 | 72.027 | 71.53 | 70,62 |
| Djibouti | 23.7 | 23.468 | 23.239 | 23.001 | 22.583 | 21,938 |
| Egypt, Arab Rep. | 57.186 | 57.203 | 56.973 | 56.981 | 57.215 | 57,217 |
| Iraq | 31.22 | 31.504 | 31.234 | 30.897 | 30.079 | 29,107 |
| Jordan | 21.793 | 21.73 | 20.515 | 13.912 | 9.744 | 8,582 |
| Kuwait | 1.904 | 1 | 0 | 0 | 0 | 0 |
| Lebanon | 15.18 | 14 | 13.373 | 12.666 | 11.894 | 11,075 |
| Libya | 24.006 | 23.613 | 22.92 | 21.948 | 20.73 | 19,309 |
| | | | | | | <u> </u> |
| Mauritania | 61.295 | 61.909 | 57.889 | 53.412 | 48.911 | 44,673 |
| Morocco | 48.308 | 46.665 | 44.826 | 41.982 | 39.191 | 36,468 |
| Oman | 28.331 | 28.431 | 27.6 | 24.839 | 18.65 | 13,724 |
| Palestine | 29.784 | 28.031 | 26.939 | 25.851 | 24.632 | 23,281 |
| Qatar | 5.002 | 3.689 | 2.604 | 1.499 | 1.055 | 0,765 |
| Saudi Arabia | 21.33 | 20.152 | 19.021 | 17.916 | 16.82 | 15,713 |
| Somalia | 68.575 | 66.753 | 63.689 | 60.69 | 56.755 | 53,859 |
| Sudan | 67.768 | 67.505 | 67.24 | 66.911 | 66.106 | 64,747 |
| Syrian Arab Republic | 49.896 | 48.053 | 46.218 | 44.4 | 47.832 | 44,525 |
| Tunisia | 38.526 | 36.568 | 34.763 | 33.343 | 31.944 | 30,432 |
| United Arab Emirates | 21.681 | 19.764 | 17.738 | 15.913 | 14.326 | 12,952 |
| Yemen, Rep. | 76.24 | 73.733 | 71.064 | 68.224 | 65.223 | 62,092 |
| Arab Group | 37.22904545 | 34.438 | 34.099 | 31.194 | 31.536 | 29,90 |
| Afghanistan | 78.376 | 77.922 | 77.297 | 76.263 | 75.197 | 73,974 |
| Albania | 61.089 | 58.259 | 53.269 | 47.837 | 42.566 | 37,888 |
| Azerbaijan | 47.794 | 48.614 | 47.611 | 46.594 | 45.286 | 43,603 |
| Bangladesh | 78.307 | 76.41 | 73.191 | 69.538 | 65.692 | 61,823 |
| Brunei Darussalam | 31,356 | 28,836 | 26,837 | 25,039 | 23,337 | 21,75 |
| | | | | | | <u> </u> |
| Guyana | 70.863 | 71.306 | 72.178 | 73.366 | 73.559 | 73,214 |
| Indonesia | 63.924 | 57.998 | 54.058 | 50.086 | 46.687 | 43,359 |
| Iran, Islamic Rep. | 39.764 | 35.958 | 32.442 | 29.374 | 26.642 | 24,126 |
| Kazakhstan | 44.079 | 43.902 | 43.537 | 43.173 | 42.809 | 42,329 |
| Kyrgyz Republic | 63.651 | 64.702 | 64.71 | 64.694 | 64.223 | 63,144 |
| Malaysia | 44.312 | 38.023 | 33.406 | 29.088 | 25.787 | 22,84 |
| Maldives | 74.362 | 72.294 | 66.25 | 63.566 | 61.471 | 59,331 |
| Pakistan | 68.164 | 67.018 | 66.018 | 65.003 | 63.974 | 62,835 |
| Suriname | 33.924 | 33.556 | 33.318 | 33.656 | 33.944 | 33,851 |
| Tajikistan | 71.123 | 73.499 | 73.49 | 73.48 | 73.258 | 72,494 |
| Turkey | 37.877 | 35.259 | 32.16 | 29.175 | 26.389 | 23,895 |
| Turkmenistan | 55.206 | 54.087 | 52.948 | 51.509 | 49.683 | 47,484 |
| Uzbekistan | 56.269 | 53.874 | 51.463 | 49.044 | 49.25 | 49,584 |
| Asian Group | 56.69111111 | 55.08427778 | 53.01016667 | 51.13805556 | 49.43077778 | 47,64 |
| | 53.70420905 | | | | | |
| OIC Total | | 49.741 | 47.863 | 45.833 | 44.178 | 42,85 |
| World Total | 55.15827083 | 53.31094036 | 50.8481466 | 48.35478997 | 46.0866268 | 43,85 |

World Total 55.15827083 53
Source: World Development Indicators

Annex 9: Employment by Sector, Agriculture, Thousands

| Area Name | 2000 | 2005 | 2010 | 2015 | 2019 |
|----------------------------|-----------------------------|----------------------|----------------------|----------------------|----------------------|
| Benin | 1292.4 | 1457.4 | 1597.6 | 1710.9 | 1823 |
| Burkina Faso | 3758.3 | 3444.2 | 2709.9 | 1791.8 | 1765.8 |
| Cameroon | 4308.4 | 4799.1 | 4595.6 | 4531.8 | 4761.8 |
| Chad | 2895.1 | 3005.2 | 3078.3 | 3248.6 | 4503.2 |
| Côte d'Ivoire | 2516.3 | 2910.8 | 3383.8 | 3945.4 | 3305.5 |
| Gabon | 115.4 | 130.5 | 148.9 | 177.2 | 189.6 |
| Gambia | 130.4 | 147.5 | 162 | 181 | 192.2 |
| Guinea | 1922.2 | 2039 | 2227.8 | 2428 | 2626 |
| Guinea-Bissau | 334.7 | 378.8 | 428.1 | 486.1 | 531.4 |
| Mali | 2800.4 | 3030.2 | 3536.4 | 3705.9 | 4259.7 |
| Mozambique | 6675.3 | 7350.5 | 7780.8 | 8098.7 | 8978.7 |
| Niger | 3563.3 | 4149.5 | 5018 | 5455.6 | 6292.8 |
| Nigeria | 19387.5 | 20219 | 21154 | 19266.7 | 19312.7 |
| Senegal | 1217.3 | 1220.8 | 1189.7 | 1169.6 | 1194.2 |
| | | | | | |
| Sierra Leone | 1112.1 | 1345.8 | 1358.5 | 1339.3 | 1407.7 |
| Togo | 1024.3 | 1157.3 | 1249 | 1304.9 | 1366.5 |
| Uganda | 5694.3 | 6595.9 | 7545.4 | 10035.3 | 11882.1 |
| African Group | 109996,40 | 63381,50 | 67163,80 | 68876,80 | 74392,90 |
| Algeria | 1384.9 | 1559.5 | 1182.4 | 1078.8 | 1070.7 |
| Bahrain | 4.9 | 6 | 7.7 | 8.3 | 9.6 |
| Comoros | 69 | 78.1 | 87.9 | 98.5 | 107.8 |
| Djibouti | 105.6 | 114.4 | 125.3 | 125.2 | 123.4 |
| Egypt | 5405.4 | 6399 | 7072.2 | 6630.8 | 6545.6 |
| Iraq | 1356.7 | 1497.4 | 1460.6 | 1641.1 | 1652.9 |
| Jordan | 46.9 | 49.2 | 58.5 | 67.3 | 69.4 |
| Kuwait | 24 | 30 | 39.1 | 47.8 | 47.7 |
| Lebanon | 210.2 | 248.5 | 236.2 | 300 | 306.1 |
| Libya | 308.1 | 331.6 | 332.4 | 372.4 | 372.9 |
| Mauritania | 419.9 | 451.8 | 485.7 | 533.6 | 578.9 |
| Morocco | 3729 | 4296.7 | 4241.2 | 3980.8 | 3808.6 |
| Oman | 47.6 | 71.3 | 68.6 | 111.5 | 124 |
| | | | | | |
| Palestine | 86.3 | 91.1 | 85.8 | 79.2 | 60.2 |
| Qatar | 8.7 | 15.5 | 20.6 | 24 | 25.4 |
| Saudi Arabia | 371.5 | 309.1 | 389.1 | 759.4 | 325.3 |
| Somalia | 1726.1 | 1963.4 | 2190.6 | 2532.2 | 2891.8 |
| Sudan | 3447.2 | 3694.8 | 3760.2 | 3797.2 | 4137.2 |
| Syrian Arab Republic | 1448.1 | 1069.8 | 764.2 | 580.3 | 510.4 |
| Tunisia | 562.4 | 548.4 | 594.2 | 491.2 | 447.3 |
| United Arab Emirates | 135.9 | 146.3 | 205.1 | 128.5 | 94.2 |
| Yemen | 1467.8 | 1196.1 | 1098.3 | 1477.9 | 1699.6 |
| Arab Group | 22366,2 | 24168 | 24505,9 | 24866 | 25009 |
| Afghanistan | 2937.5 | 3575.6 | 3472.3 | 3831 | 4074.1 |
| Albania | 578.3 | 514.1 | 448.6 | 443.8 | 426.6 |
| Azerbaijan | 1277.1 | 1442 | 1603.2 | 1680.3 | 1733.9 |
| Bangladesh | 29131.1 | 25679.8 | 26112.2 | 26015.7 | 25875.8 |
| Brunei Darussalam | 1.8 | 1.6 | 1.2 | 1.4 | 2.7 |
| Indonesia | 41920.5 | 41067.7 | 42708.7 | 39329.7 | 36784.4 |
| Iran (Islamic Republic of) | 4161.3 | 5266.4 | 3995.3 | 4067.5 | 4438.2 |
| Kazakhstan | 2448.3 | 2407.6 | 2314.4 | 1563.7 | 1367.6 |
| | | | | | |
| Kyrgyzstan | 1010.5 | 803.9 | 719.6 | 690 | 513.9 |
| Malaysia | 1697.1 | 1542.2 | 1687.4 | 1766 | 1569.9 |
| Maldives | 16.9 | 20.6 | 20.8 | 22.5 | 23.6 |
| Pakistan | 18150 | 21130.8 | 24840.2 | 26795.3 | 25901.2 |
| Tajikistan | 774.9 | 860.6 | 965.8 | 977.4 | 985.2 |
| Turkey | 7872.7 | 5122.1 | 5340.6 | 5455 | 5304.8 |
| Turkmenistan | 481.4 | 522.3 | 540.6 | 524.8 | 506.9 |
| Uzbekistan | 3399.7 | 3753.9 | 3746.7 | 3625.9 | 3438.9 |
| Guyana | 60.4 | 53.3 | 52.2 | 48.4 | 47.9 |
| | | | 13.6 | 14.3 | |
| Suriname | 9.3 | 13.3 | 13.0 | 14.3 | 15.1 |
| Suriname | | | | | |
| | 9.3 115928,8 248291,4 | 113777,8 201327,3 | 118583,4 210253,1 | 116852,7 210595,5 | 113010,7 212412,6 |

Source: ILO Estimates



Annex 10: Share of Agriculture in Total Employment, Percent

| Country Name | 1995 | 2000 | 2005 | 2010 | 2015 | 2017 | 2019 |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|
| Benin | 45.67499924 | 44.65100098 | 44.45000076 | 43.67200089 | 42.20199966 | 41.7820015 | 38,5779991 |
| Burkina Faso | 87.96199799 | 79.87999725 | 67.08200073 | 47.95700073 | 30.04899979 | 29.15500069 | 25,2250003 |
| Cameroon | 67.41000366 | 66.52200317 | 61.8730011 | 54.87799835 | 47.13000107 | 46.57500076 | 43,4370002 |
| Chad | 83.35099792 | 84.02600098 | 81.8690033 | 82.45400238 | 80.92199707 | 81.70600128 | 76,5559997 |
| Cote d'Ivoire | 48.54199982 | 47.79499817 | 46.98699951 | 46.11500168 | 48.45999908 | 48.42100143 | 40,0489997 |
| Gabon | 43.54000092 | 42.66500092 | 41.57099915 | 40.02799988 | 38.1230011 | 37.84700012 | 32,8310012 |
| Gambia, The | 30.68899918 | 30.3010006 | 31.45100021 | 30.90299988 | 29.94300079 | 29.94000053 | 27,1210002 |
| Guinea | 71.34300232 | 70.66000366 | 69.09899902 | 69.16600037 | 67.6760025 | 66.97000122 | 61,7420005 |
| Guinea-Bissau | 69.34600067 | 69.52400208 | 69.90899658 | 69.47299957 | 68.97599792 | 68.19000244 | 68,1380004 |
| Mali | 70.27300262 | 68.99900055 | 67.19999695 | 66.46299744 | 62.26599884 | 65.71600342 | 62,5909996 |
| Mozambique | 85.01000214 | 81.63700104 | 79.34300232 | 76.56600189 | 72.11599731 | 71.92099762 | 70,3349990 |
| Niger | 77.79299927 | 78.22100067 | 77.9980011 | 77.62400055 | 76.2009964 | 76.09700012 | 75,0630035 |
| Nigeria | 49.72700119 | 48.43600082 | 44.91199875 | 40.77799988 | 37.08000183 | 36.80799866 | 35,0979995 |
| Senegal | 49.87799835 | 48.77099991 | 44.6590004 | 39.90499878 | 33.33300018 | 32.49499893 | 30,0459995 |
| Sierra Leone | 65.71099854 | 71.48200226 | 68.14499664 | 64.25700378 | 59.73400116 | 59.24399948 | 54,9309997 |
| Togo | 37.93500137 | 36.12599945 | 37.82600021 | 37.68899918 | 35.60599899 | 34.91999817 | 37,6990013 |
| Uganda | 72.06400299 | 69.95999908 | 70.79599762 | 70.8010025 | 71.33699799 | 71.06999969 | 72,6660003 |
| African Group | 62.1322946 | 61.15623598 | 59.12764673 | 56.39582398 | 53.00905834 | 52.87394153 | 50,1238826 |
| Algeria | 22.78700066 | 22.04199982 | 18.65600014 | 11.83699989 | 8.656000137 | 9.38599968 | 9,85599994 |
| | | | | | | | |
| Bahrain | 2.025000095 | 1.649999976 | 1.348999977 | 1.083999991 | 1.075000048 | 1.047000051 | 0,98600000 |
| Comoros | 55.18500137 | 55.58800125 | 55.69499969 | 56.9070015 | 57.18399811 | 57.11500168 | 50,375 |
| Djibouti | 56.34400177 | 56.3429985 | 55.11999893 | 53.31100082 | 51.38999939 | 50.40599823 | 33,1220016 |
| Egypt, Arab Rep. | 33.99300003 | 29.62999916 | 30.94000053 | 28.27599907 | 25.81500053 | 25.04000092 | 23,7919998 |
| Iraq | 23.95299911 | 24.37000084 | 24.09499931 | 24.12800026 | 23.89900017 | 23.45800018 | 18,0990009 |
| Jordan | 4.321000099 | 4.035999775 | 4.052999973 | 3.792999983 | 3.592999935 | 3.50999999 | 3,08400011 |
| Kuwait | 2.072000027 | 2.413000107 | 2.707999945 | 2.45600009 | 2.286000013 | 2.288000107 | 2,01099991 |
| Lebanon | 15.80599976 | 14.96399975 | 14.02099991 | 13.07499981 | 12.56700039 | 12.24100018 | 13,6090002 |
| Libya | 9.699999809 | 9.279999733 | 9.06799984 | 8.43200016 | 8.281000137 | 8.036999702 | 18,9050006 |
| Mauritania | 62.82300186 | 61.73400116 | 59.88899994 | 58.30500031 | 55.43199921 | 55.7140007 | 51,2739982 |
| Morocco | 46.60800171 | 45.10400009 | 45.47700119 | 40.40200043 | 38.70199966 | 38.29299927 | 34,6899986 |
| Oman | 7.948999882 | 6.390999794 | 7.940999985 | 5.153999805 | 4.789999962 | 4.782999992 | 4,55999994 |
| Palestine | 12.43099976 | 14.06000042 | 15.03299999 | 11.8039999 | 8.651000023 | 6.678999901 | 6,08500003 |
| Qatar | 3.796000004 | 2.632999897 | 2.897000074 | 1.463000059 | 1.230000019 | 1.25 | 1,19400000 |
| Saudi Arabia | 7.044000149 | 6.123000145 | 4.151000023 | 4.178999901 | 6.099999905 | 4.925000191 | 2,40300011 |
| Somalia | 75.02500153 | 74.38400269 | 73.54199982 | 72.53700256 | 72.59700012 | 72.48300171 | 83,1119995 |
| Sudan | 50.81900024 | 49.16500092 | 47.43999863 | 44.45100021 | 43.67900085 | 43.2179985 | 39,9389993 |
| Syrian Arab Republic | 28.37999916 | 32.88999939 | 22.69799995 | 14.28199959 | 14.58399963 | 14.69400024 | 10,7290000 |
| Tunisia | 20.12299919 | 19.30400085 | 18.52499962 | 17.94599915 | 15.04199982 | 15.04199982 | 13,031000 |
| United Arab Emirates | 7.995999813 | 7.895999908 | 5.40500021 | 4.186999798 | 3.872999907 | 3.75 | 1,40999996 |
| Yemen, Rep. | 52.77000046 | 41.26100159 | 30.97900009 | 28.67000008 | 30.68099976 | 35.32400131 | 28,9759998 |
| Arab Group | 27.36136393 | 26.42095481 | 24.98554535 | 23.03086379 | 22.27759081 | 22.21286374 | 20,5109999 |
| Afghanistan | 63.20199966 | 69.09400177 | 61.48300171 | 48.83800125 | 38.6780014 | 38.77399826 | 42,839000 |
| Albania | 47.11500168 | 46.22600174 | 45.27099991 | 42.08399963 | 41.36299896 | 38.20399857 | 36,6910018 |
| Azerbaijan | 43.16500092 | 41.00999832 | 39.31600189 | 38.22999954 | 36.36000061 | 36.34999847 | 35,8699989 |
| Bangladesh | 66.01300049 | 64.80699921 | 51.2859993 | 47.30599976 | 43.43500137 | 40.59700012 | 38,5769996 |
| Brunei Darussalam | 1.582000017 | 1.230999947 | 0.93599999 | 0.694999993 | 0.740999997 | 1.35800004 | 1,36300003 |
| | 29.07799911 | 24.61100006 | 21.57500076 | | 19.08799934 | 18.68000031 | 17,1369991 |
| Guyana | | | | 20.26499939 | | | |
| Indonesia | 43.98400116 | 45.27999878 | 43.99499893 | 39.12799835 | 33.04399872 | 30.79000092 | 28,635000 |
| Iran, Islamic Rep. | 23.82099915 | 24.06800079 | 24.75 | 19.22200012 | 18.0340004 | 17.58399963 | 17,9489994 |
| Kazakhstan | 36.875 | 35.76699829 | 32.40999985 | 28.28300095 | 18.01199913 | 15.13099957 | 15,8020000 |
| Kyrgyz Republic | 47.18999863 | 53.07500076 | 38.5 | 32.16899872 | 29.30999947 | 26.64599991 | 21,172000 |
| Malaysia | 19.96999931 | 18.36199951 | 14.64099979 | 14.21899986 | 12.47200012 | 11.23200035 | 10,361000 |
| Maldives | 19.34000015 | 18.33600044 | 16.46699905 | 12.7510004 | 9.760000229 | 9.109000206 | 8,4700002 |
| Pakistan | 43.1969986 | 42.67599869 | 43.06700134 | 43.38899994 | 41.00999832 | 41.96900177 | 36,660999 |
| Suriname | 7.287000179 | 6.631999969 | 8.328000069 | 7.778999805 | 7.272999763 | 7.131999969 | 7,5180001 |
| Tajikistan | 58.76800156 | 57.93600082 | 55.375 | 52.97499847 | 51.75 | 51.2820015 | 44,921001 |
| Turkey | 43.39099884 | 38.79600143 | 26.51000023 | 23.70400047 | 20.40600014 | 19.38400078 | 18,375999 |
| Turkmenistan | 26.72900009 | 25.89100075 | 25.05699921 | 24.15800095 | 23.27799988 | 22.94300079 | 19,882999 |
| Uzbekistan | 38.56800079 | 36.71300125 | 36.1590004 | 34.96300125 | 33.88800049 | 33.51900101 | 23,923999 |
| Asian Group | 36.62638891 | 36.13950014 | 32.50700014 | 29.45322216 | 26.55011102 | 25.59355568 | 23,674944 |
| OIC Mean | 42.04001581 | 41.23889697 | 38.87339741 | 36.29330331 | 33.94558672 | 33.56012032 | 30,342052 |
| | | | | | | | |

Source: ILO Estimates

Annex 11: Agricultural Products Total Export Value, Thousand US Dollars Processed food and agro-based products

| | 2001 | 2005 | 2010 | 2015 | 2018 |
|--|---|--|---|---|---|
| Benin | 8560 | 42032 | 124999 | 45333 | 79288 |
| Burkina Faso | 12077 | 18866 | | 22194 | 27035 |
| Cameroon | 27167 | 37790 | | 80526 | |
| Chad | 1449 | 86 | 471 | 1083 | |
| Côte d'Ivoire | 277129 | 399327 | 563907 | | 544742 |
| Gabon | 10901 | 34276 | 36814 | 13766 | |
| Gambia | 3135 | 2622 | 11317 | 12619 | |
| Guinea | 2786 | 3509 | 5581 | 4554 | 13428 |
| Guinea-Bissau | 0 | 16 | 0 | 0 | 76 |
| Mali | 1874 | 6333 | 16733 | | 0 |
| Mozambique | 35797 | 60175 | 45200 | 221831 | 260550 |
| Niger | 31124 | 16139 | 24752 | 85832 | 682343 |
| Nigeria | 1974 | 0 | 364484 | 294698 | 252571 |
| - | 165729 | 224891 | 321047 | 496265 | 590761 |
| Senegal | | | | | |
| Sierra Leone | 0 | 0 | 0 | 11317 | 49073 |
| Годо | 20539 | 48798 | 61961 | 114856 | 124930 |
| Jganda | 15889 | 50750 | 249847 | 378189 | 590862 |
| African Group | 616.130,000 | 945.610,000 | 1.929.833,000 | 2.329.287,000 | 3.373.507,000 |
| Algeria | 6084 | 27943 | | 278014 | 181239 |
| Bahrain | 31740 | 46197 | 288255 | 427023 | 556746 |
| Comoros | 181 | 189 | 2435 | 3034 | 14724 |
| Djibouti | 0 | 0 | 2325 | 1872 | |
| gypt | 254513 | 585518 | 2421893 | 2346596 | |
| raq | 0 | 0 | 0 | 5313 | 11927 |
| ordan | 172388 | 359151 | 425187 | 485711 | 449155 |
| Kuwait | 50488 | 0 | 200663 | | 429484 |
| _ebanon | 75553 | 183184 | 346516 | 541261 | 452623 |
| Libya | 0 | 0 | 687 | 6512 | 1260 |
| Mauritania | 905 | 5917 | 126521 | 0012 | 433712 |
| Morocco | 915360 | 1291610 | 1777136 | 2534035 | 3038864 |
| Oman | | | | | |
| | 569381 | 371183 | 699771 | 1152246 | 1406671 |
| Palestine | 0 | 0 | 87992 | 149175 | 164933 |
| Qatar | 1266 | 7531 | 23595 | 24070 | 3569 |
| Saudi Arabia | 301077 | 907509 | 2325413 | 3216016 | 3066131 |
| Somalia | 7135 | 5932 | 598 | | 16093 |
| Sudan | 0 | 0 | 0 | 157272 | 121091 |
| Syrian Arab Republic | 113280 | 295574 | | 1170513 | 97807 |
| Tunisia | 339394 | 828662 | 881909 | 1609496 | 1556528 |
| United Arab Emirates | 0 | 1729713 | 0 | 5291808 | 9770314 |
| /emen | 0 | 85942 | 173888 | 95584 | 115584 |
| Arab Group | 2.838.745 | 6.731.755 | 11.233.311 | 19.205.359 | 24.958.518 |
| Afghanistan | 0 | 0 | 4141 | 2,820 | 8212 |
| | 10014 | 26214 | 43120 | | |
| Albania | 10014 | 20214 | | 59292 | 39235 |
| | | | | 59292 426728 | 39235 103271 |
| Azerbaijan | 23117 | 129680 | 396946 | 426728 | 103271 |
| Azerbaijan Bangladesh | 23117 10867 | 129680 41296 | 396946 | 426728 75023 | 103271 626516 |
| Azerbaijan Bangladesh Brunei Darussalam | 23117 10867 715 | 129680 41296 1673 | | 426728 75023 5156 | 103271 626516 7487 |
| Azerbaijan Bangladesh Brunei Darussalam ndonesia | 23117 10867 715 2686745 | 129680 41296 1673 6866204 | 396946 2099 | 426728 75023 5156 20241023 | 103271 626516 7487 26486214 |
| Azerbaijan Bangladesh Brunei Darussalam ndonesia ran | 23117 10867 715 2686745 232019 | 129680 41296 1673 6866204 427555 | 396946 | 426728 75023 5156 20241023 2078418 | 103271 626516 7487 |
| Azerbaijan Bangladesh Brunei Darussalam ndonesia ran Kazakhstan | 23117 10867 715 2686745 232019 65900 | 129680 41296 1673 6866204 427555 318733 | 396946 2099 1504619 | 426728 75023 5156 20241023 | 103271 626516 7487 26486214 2612871 |
| Azerbaijan Bangladesh Brunei Darussalam ndonesia ran Kazakhstan Kyrgyzstan | 23117 10867 715 2686745 232019 65900 11415 | 129680 41296 1673 6866204 427555 318733 42318 | 396946 2099 1504619 60480 | 426728 75023 5156 20241023 2078418 809477 | 103271 626516 7487 26486214 2612871 |
| Azerbaijan Bangladesh Brunei Darussalam Indonesia Iran Kazakhstan Kyrgyzstan Malaysia | 23117 10867 715 2686745 232019 65900 11415 4553875 | 129680 41296 1673 6866204 427555 318733 42318 8493799 | 396946 2099 1504619 | 426728 75023 5156 20241023 2078418 809477 | 103271 626516 7487 26486214 2612871 |
| szerbaijan Jangladesh Brunei Darussalam Indonesia Iran Jazakhstan Gyrgyzstan Malaysia Maldives | 23117 10867 715 2686745 232019 65900 11415 4553875 26503 | 129680 41296 1673 6866204 427555 318733 42318 8493799 33193 | 396946 2099 1504619 60480 20977692 | 426728 75023 5156 20241023 2078418 809477 19234313 20383 | 103271 626516 7487 26486214 2612871 79289 19483900 |
| Azerbaijan Bangladesh Brunei Darussalam Indonesia Iran Kazakhstan Kyrgyzstan Malaysia Maldives | 23117 10867 715 2686745 232019 65900 11415 4553875 | 129680 41296 1673 6866204 427555 318733 42318 8493799 | 396946 2099 1504619 60480 | 426728 75023 5156 20241023 2078418 809477 | 103271 626516 7487 26486214 2612871 |
| Azerbaijan Bangladesh Brunei Darussalam Indonesia Iran Kazakhstan Kyrgyzstan Malaysia Maldives Pakistan | 23117 10867 715 2686745 232019 65900 11415 4553875 26503 | 129680 41296 1673 6866204 427555 318733 42318 8493799 33193 | 396946 2099 1504619 60480 20977692 | 426728 75023 5156 20241023 2078418 809477 19234313 20383 | 103271 626516 7487 26486214 2612871 79289 19483900 |
| Azerbaijan Bangladesh Brunei Darussalam Indonesia Iran Kazakhstan Kyrgyzstan Malaysia Maldives Pakistan | 23117 10867 715 2686745 232019 65900 11415 4553875 26503 0 | 129680 41296 1673 6866204 427555 318733 42318 8493799 33193 1518229 | 396946 2099 1504619 60480 20977692 2743686 | 426728 75023 5156 20241023 2078418 809477 19234313 20383 3085180 | 103271 626516 7487 26486214 2612871 79289 19483900 |
| Azerbaijan Bangladesh Brunei Darussalam Indonesia Iran Kazakhstan Kazakhstan Malaysia Maldives Pakistan Iajikistan | 23117 10867 715 2686745 232019 65900 11415 4553875 26503 0 | 129680 41296 1673 6866204 427555 318733 42318 8493799 33193 1518229 | 396946 2099 1504619 60480 20977692 2743686 0 | 426728 75023 5156 20241023 2078418 809477 19234313 20383 3085180 2550 | 103271 626516 7487 26486214 2612871 79289 19483900 3107634 4219 |
| Azerbaijan Bangladesh Brunei Darussalam Indonesia Iran Kazakhstan Kyrgyzstan Malaysia Maldives Pakistan Fajikistan Furkey Furkmenistan | 23117 10867 715 2686745 232019 65900 11415 4553875 26503 0 0 | 129680 41296 1673 6866204 427555 318733 42318 8493799 33193 1518229 0 3786975 | 396946 2099 1504619 60480 20977692 2743686 0 5917961 | 426728 75023 5156 20241023 2078418 809477 19234313 20383 3085180 2550 9460015 | 103271 626516 7487 26486214 2612871 79289 19483900 3107634 4219 10207879 |
| Azerbaijan Bangladesh Brunei Darussalam Indonesia Iran Kazakhstan Kyrgyzstan Malaysia Maldives Pakistan Fajikistan Furkey Furkmenistan Jzbekistan | 23117 10867 715 2686745 232019 65900 11415 4553875 26503 0 0 1733324 982 | 129680 41296 1673 6866204 427555 318733 42318 8493799 33193 1518229 0 3786975 1539 0 | 396946 2099 1504619 60480 20977692 2743686 0 5917961 16807 0 | 426728 75023 5156 20241023 2078418 809477 19234313 20383 3085180 2550 9460015 72743 | 103271 626516 7487 26486214 2612871 79289 19483900 3107634 4219 10207879 16054 162694 |
| Azerbaijan Bangladesh Brunei Darussalam Indonesia Iran Kazakhstan Kyrgyzstan Malaysia Maldives Pakistan Tajikistan Turkey Turkmenistan Jzbekistan | 23117 10867 715 2686745 232019 65900 11415 4553875 26503 0 0 1733324 982 0 | 129680 41296 1673 6866204 427555 318733 42318 8493799 33193 1518229 0 3786975 1539 0 224203 | 396946 2099 1504619 60480 20977692 2743686 0 5917961 16807 0 302187 | 426728 75023 5156 20241023 2078418 809477 19234313 20383 3085180 2550 9460015 72743 0 | 103271 626516 7487 26486214 2612871 79289 19483900 3107634 4219 10207879 16054 162694 295560 |
| Albania Azerbaijan Bangladesh Brunei Darussalam Indonesia Iran Kazakhstan Kyrgyzstan Malaysia Maldives Pakistan Fajikistan Furkey Furkmenistan Juzbekistan Guyana Suriname | 23117 10867 715 2686745 232019 65900 11415 4553875 26503 0 0 1733324 982 0 148402 | 129680 41296 1673 6866204 427555 318733 42318 8493799 33193 1518229 0 3786975 1539 0 224203 59377 | 396946 2099 1504619 60480 20977692 2743686 0 5917961 16807 0 302187 31324 | 426728 75023 5156 20241023 2078418 809477 19234313 20383 3085180 2550 9460015 72743 0 403079 | 103271 626516 7487 26486214 2612871 79289 19483900 3107634 4219 10207879 16054 162694 295560 41690 |
| Azerbaijan Bangladesh Brunei Darussalam ndonesia ran Kazakhstan Kyrgyzstan Malaysia Maldives Pakistan Fajikistan Furkey Furkmenistan Jzbekistan Guyana | 23117 10867 715 2686745 232019 65900 11415 4553875 26503 0 0 1733324 982 0 | 129680 41296 1673 6866204 427555 318733 42318 8493799 33193 1518229 0 3786975 1539 0 224203 | 396946 2099 1504619 60480 20977692 2743686 0 5917961 16807 0 302187 | 426728 75023 5156 20241023 2078418 809477 19234313 20383 3085180 2550 9460015 72743 0 | 103271 626516 7487 26486214 2612871 79289 19483900 3107634 4219 10207879 16054 162694 295560 |

Source: TRADEMAP



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

| Area Name | 2001 | 2005 | 2010 | 2015 | 2018 | 2019 |
|----------------------------|----------|-------------|-------------|-------------|-----------|-----------|
| Benin | 75064 | | 198749 | 614765 | 699820 | 1349012 |
| Burkina Faso | 97307 | 192805 | 257368 | 349,145 | 450822 | 368030 |
| Cameroon | 210245 | 363738 | 621599 | 780230 | 715555 | 826054 |
| Chad | 22086 | 41421 | 125562 | 122204 | 79155 | 95269 |
| Côte d'Ivoire | 299501 | | 498834 | 914666 | 1071020 | 1380480 |
| Gabon | 123854 | 178303 | 276139 | 375551 | 336058 | 311960 |
| Gambia | 49449 | 82921 | 89738 | 128736 | 132345 | 147951 |
| Guinea | 127018 | 243744 | 227493 | 481191 | 802684 | 687413 |
| Guinea-Bissau | 0 | 56192 | 0 | 0 | 126066 | 128557 |
| Mali | 119045 | 209264 | 413036 | 0 | 519715 | 511476 |
| | | | | | 319713 | 686787 |
| Mozambique | 94308 | 236402 | 282237 | 625079 | | |
| Niger | 158882 | 222916 | 292498 | 471982 | | 696376 |
| Nigeria | 911015 | 0 | 2802595 | 3431923 | 2182354 | 2668706 |
| Senegal | 343434 | | 769077 | | 804680 | 933240 |
| Sierra Leone | 0 | 0 | 0 | 359141 | | 286795 |
| Togo | 40817 | 60422 | | 132002 | | 221392 |
| Uganda | 98720 | 183142 | 454031 | 550265 | 633363 | 371745 |
| African Group | 2770745 | 3537930 | 8308409 | 10252123,15 | 11840548 | 11153647 |
| Algeria | 1320788 | 1790730 | 3595333 | 4851417 | 4443155 | 4083874 |
| Bahrain | 309022 | 421133 | 753059 | 1241259 | 1205795 | 977556 |
| Comoros | 9088 | 17957 | | 53225 | 62975 | |
| Djibouti | 0 | 0 | 423516 | 656580 | 887052 | 661233 |
| Egypt | 954060 | 1152,616 | 3288707 | 4633665 | 4639826 | 4328305 |
| Iraq | 0 | 0 | 0 | 6589960 | -1033020 | 8722185 |
| Jordan | 437905 | 794254 | 1398282 | 1939341 | 1940127 | 1943728 |
| | | | | | | |
| Kuwait | 675657 | 0 | 1953266 | 2863858 | 3063876 | 2474414 |
| Lebanon | 713874 | 809321 | 1581144 | 1908735 | | 1917677 |
| Libya | 0 | 0 | 946367 | 2188807 | 2226169 | 2129126 |
| Mauritania | 56850 | 108382 | 217180 | 318440 | 311148 | 381448 |
| Morocco | 546926 | 894738 | | 1926310 | 2077848 | 2855465 |
| Oman | 993464 | 739364 | | 1720992 | 2472579 | 2578136 |
| Palestine | 0 | 0 | 603612 | 989823 | 1347226 | 274384 |
| Qatar | 235360 | 419795 | 1111762 | 1796855 | 1788595 | 1589190 |
| Saudi Arabia | 2578133 | 4550159 | 8744534 | 12652449 | | 11486296 |
| Somalia | 93453 | 230824 | 356374 | 899659 | 1299143 | 1495309 |
| Sudan | 0 | 0 | 0 | 1410602 | 1093447 | 1030822 |
| Syrian Arab Republic | 1490011 | 759988 | 2223575 | 1193757 | 1464249 | 1425842 |
| Tunisia | 316734 | 558821 | 855940 | 834073 | 939256 | 833672 |
| United Arab Emirates | 0 | 3234123 | 0 | 9025865 | 10657794 | 10050882 |
| Yemen | 0 | 770863 | 1632363 | 1708029 | 1961667 | 2420738 |
| | 10731325 | | | | | |
| Arab Group | | 16101604,62 | 33385541 | 62316576 | 66896242 | 61237276 |
| Afghanistan | 0 | 0 | 649567 | 1231947 | 1632533 | 1613978 |
| Albania | 165320 | 276033 | 519567 | 386106 | 301228 | 582964 |
| Azerbaijan | 93196 | 258646 | 785465 | 856226 | 1044749 | 1084223 |
| Bangladesh | 842147 | 1184131 | 3706,554 | 5042566 | 3909428 | 3284296 |
| Brunei Darussalam | 129908 | | 195370 | 317474 | 364375 | 340545 |
| Indonesia | 1798569 | 2859872 | 6218576 | 7653654 | 10211272 | 8713971 |
| Iran (Islamic Republic of) | 1074873 | | 1875744 | | 4951068 | 3540070 |
| Kazakhstan | 414471 | 1010824 | | 1571140 | 2152886 | |
| Kyrgyzstan | 39807 | | 127291 | 354243 | 404323 | |
| Malaysia | 2102022 | 3148015 | | 7489030 | | 9267656 |
| Maldives | 60263 | 80822 | 156977 | 264004 | 311360 | 243907 |
| Pakistan | 0 | 1580940 | 3238023 | 2982347 | 2949834 | 2642209 |
| Tajikistan | 0 | 0 | 0 | 446755 | 352153 | 439203 |
| • | | 2024214 | | | | |
| Turkey | 821355 | | 3333095 | 5272096 | 4926935 | 4843441 |
| Turkmenistan | 66323 | 98969 | 342225 | 433789 | 255728 | 201132 |
| Uzbekistan | 0 | 0 | 0 | 0 | 1054269 | 1198663 |
| Guyana | 71361 | 92535 | 157408 | 198808 | 209891 | 245403 |
| Suriname | 42278 | 68022 | 171106 | 148818 | 123977 | 145346 |
| Asian Group | 7721893 | 14881428 | 30258670,55 | 40646426 | 44599925 | 43240613 |
| OIC Total | 21223963 | 34520962,62 | 71952620,55 | 113215125,1 | 122226715 | 115621526 |
| OIC TOTAL | 21223903 | 34320302,02 | 71932020,33 | 113213123,1 | 123336715 | 115631536 |

Source: TRADEMAP

Control for total

Annex 13: Agricultural Products Trade Balance, Thousand US Dollars

| Area Name | 2001 | 2005 | 2010 | 2015 | 2018 | 2019 |
|----------------------------|--------------|-------------|------------|--------------|------------|------------|
| Benin | -66504 | -156717 | -489766 | -654,487 | -1269724 | -824746 |
| Burkina Faso | -85230 | -173939 | -235174 | -322110 | -408001 | -317227 |
| Cameroon | -183078 | -325948 | -541073 | -703063 | -675565 | -793082 |
| Chad | -20637 | -41335 | | -125091 | -121121 | -79002 |
| Côte d'Ivoire | -22372 | -99507 | | -350759 | -526278 | -759362 |
| Gabon | -112953 | -144027 | -239325 | -361785 | -324933 | -302964 |
| Gambia | -46314 | -80299 | | -78421 | -116117 | -129881 |
| Guinea | -124232 | -240235 | -221912 | -476637 | -789256 | -677691 |
| Guinea-Bissau | 0 | -56176 | 0 | 0 | -125990 | -128508 |
| Mali | -117171 | -202931 | | -396303 | 0 | -507761 |
| Mozambique | -58511 | | -176227 | -237037 | -403248 | -426237 |
| Niger | -127758 | -206777 | -267746 | -386150 | -14033 | -356460 |
| Nigeria | -909041 | 0 | -2438111 | -3137225 | -1929783 | -2437557 |
| Senegal | -177705 | -544186 | -483633 | -436975 | -599760 | -479015 |
| Sierra Leone | 0 | 0 | 0 | -347824 | -237722 | -285050 |
| | -20278 | -11624 | -70041 | | -147530 | |
| Togo | | | | -106536 | | -155279 |
| Uganda | -82831 | -132392 | -204184 | | -172076 | -42501 |
| African Group | -2154615 | -2592320 | -6378576 | -7617799,487 | -8467041 | -8857206 |
| Algeria | -1314704 | -1762787 | -3317319 | -4670178 | -4223301 | -3855613 |
| Bahrain | -277282 | -374936 | -464804 | -814236 | -649049 | -637652 |
| Comoros | -8907 | -17768 | -50790 | -59941 | -53234 | -51288 |
| Djibouti | 0 | 0 | -421191 | -654708 | -885647 | -660486 |
| Egypt | -699547 | -567098 | -866814 | -2287069 | -1964512 | -1423782 |
| Iraq | 0 | 0 | 0 | -6584647 | -8710258 | -6063450 |
| Jordan | -265517 | -435103 | -973095 | | -1453630 | |
| Kuwait | -625169 | 0 | -1752603 | -2,434,374 | -2634880 | -2198076 |
| Lebanon | -638321 | -626137 | -1234628 | -1367474 | -1465054 | -1270601 |
| Libya | 0 | 0 | -945680 | -2182295 | -2224909 | -2127405 |
| Mauritania | -55945 | -102465 | -90659 | 115272 | 362779 | 336994 |
| Morocco | 368434 | 396872 | -149174 | 456187 | 183399 | 110127 |
| Oman | -424083 | -368181 | -1021221 | -1320333 | -1171465 | -2034112 |
| Palestine | 0 | 0 | -515620 | -840648 | -1182293 | -245482 |
| Qatar | -234094 | -412264 | -1088167 | -1772785 | -1785026 | -1584926 |
| · | | | | | | |
| Saudi Arabia | -2277056 | -3642650 | -6419121 | -9436433 | -8420165 | -8860862 |
| Somalia | -86318 | | -224892 | -355776 | | -883566 |
| Sudan | 0 | 0 | 0 | -1253330 | -972356 | -897561 |
| Syrian Arab Republic | -1,376731 | -464414 | -1053062 | -1095950 | -1269202 | -1251157 |
| Tunisia | 22660 | 269841 | 25969 | 775423 | 617272 | 305709 |
| United Arab Emirates | 0 | -1504410 | | 0 | -3734057 | -887480 |
| Yemen | 0 | -684921 | -1458475 | -1612445 | -1846083 | -2351590 |
| Arab Group | -6515850,377 | -10521313 | -22152230 | -40676843 | -41937724 | -37739819 |
| Afghanistan | 0 | 0 | -645426 | -1207127 | -1624321 | 1590366 |
| Albania | -155306 | -249819 | -476447 | -326814 | -261993 | -450122 |
| Azerbaijan | -70079 | -128966 | -388519 | -429498 | -941478 | -953717 |
| Bangladesh | -831280 | -1142835 | -3631531 | -4416050 | -3238562 | -2551945 |
| Brunei Darussalam | -129193 | -193697 | -315375 | -359219 | -333058 | |
| ndonesia | 888176 | 4006332 | | 14022447 | | 18832560 |
| Iran (Islamic Republic of) | -842854 | | -1448189 | -3446449 | -1461652 | -1821442 |
| Kazakhstan | -348571 | -692091 | -761663 | 3.1.0113 | -1190869 | -1178564 |
| Kyrgyzstan | -28392 | -84973 | -293763 | -325034 | -326590 | -345630 |
| | | | | | | |
| Malaysia | 2451853 | 5345784 | 13488662 | 9966657 | 9649101 | 9434624 |
| Maldives | -33760 | -47629 | -136594 | -238550 | -261851 | -202920 |
| Pakistan | 0 | -62711 | -494337 | 102833 | 157800 | 609052 |
| Гаjikistan - | 0 | 0 | 0 | -444205 | | -347934 |
| Turkey | 911969 | 1762761 | 2584866 | 4187919 | | 5280944 |
| Turkmenistan | -65341 | -97430 | -325418 | -361046 | -239674 | -196500 |
| Uzbekistan | 0 | 0 | 0 | 0 | -891575 | -944277 |
| Guyana | 77041 | 131668 | 144779 | 204271 | 85669 | 8231 |
| Suriname | -26709 | -8645 | -139782 | -107128 | -104245 | -77960 |
| Asian Group | 1797554 | 7089560 | 19185450 | 22427048 | 24077777 | 23077286 |
| OIC Total | -6872911,377 | -6024073 | -9345356 | -25867594,49 | -26326988 | -23519739 |
| World | -8,776,435 | -15,712,486 | -3,249,574 | -4,169,567 | -3,495,379 | -7,089,152 |
| | 0,770,733 | 13,712,400 | 3,273,317 | 7,100,007 | 3,733,313 | 7,000,102 |

Source: TRADEMAP

Annex 14: The First 15 Products & Partners in OIC's Exports, Thousand US Dollars

| minex 14. The file | 2016 | 2017 | s in OIC's Exports, Thousand | 2016 | 201 |
|-----------------------------|-------------|-------------|--|------------------------|-----------|
| African Group | 12,990,271 | 13,679,190 | African Group | 12,990,271 | 13,679,19 |
| Netherlands | 1,903,393 | 2,239,564 | Cocoa and cocoa preparations | 5,816,729 | 7,011,46 |
| France | 683,946 | 1,186,585 | Edible fruit and nuts | 1,761,900 | 1,931,59 |
| United States of America | 1,141,812 | 1,078,834 | Coffee, tea, maté and spices | 649,220 | 864,11 |
| Belgium | 971,880 | 1,010,740 | Fish and crustaceans etc. | 662,630 | 678,34 |
| India | 677,139 | 795,184 | Oil seeds | 528,275 | 607,47 |
| Germany | 657,598 | 692,881 | Tobacco and manufactured tobacco | 602,371 | 492,38 |
| Germany | 037,330 | 032,001 | substitutes | 002,371 | 452,50 |
| Spain | 367,380 | 461,340 | Animal or vegetable fats and oils | 533,846 | 314,20 |
| Italy | 344,660 | 447,402 | Edible vegetables and certain roots and | 197,212 | 237,24 |
| , | 5, | , | tubers | -5.7 | |
| Kenya | 317,986 | 440,312 | Cereals | 349,629 | 224,59 |
| United Kingdom | 347,013 | 411,092 | Miscellaneous edible preparations | 258,222 | 215,63 |
| Turkey | 246,375 | 368,102 | Preparations of meat, of fish | 167,561 | 162,82 |
| China | 269,231 | 358,584 | Residues & waste; prepared animal | 93,944 | 150,3 |
| oa | 203,202 | 330,50 | fodder | 33,3 | 130,3 |
| Malaysia | 389,290 | 316,626 | Sugars and sugar confectionery | 220,525 | 142,0 |
| Sudan | 58,004 | 287,876 | Beverages, spirits and vinegar | 170,885 | 132,4 |
| Indonesia | 88,074 | 237,228 | Dairy produce; birds' eggs; natural honey | 273,680 | 126,2 |
| Share of Group's First 15,% | 65.2 | 75.5 | Share of Group's First 15,% | 94.6 | 97 |
| Arab Group | 30,108,327 | 28,032,286 | Arab Group | 30,108,327 | 28,032,2 |
| Saudi Arabia | 3,127,191 | 3,913,078 | Edible fruit and nuts; peel of citrus fruit | 3,809,847 | 3,527,5 |
| Saudi Alabia | 3,127,131 | 3,913,076 | or melons | 3,603,647 | 3,327,3 |
| Oman | 1 551 670 | 1.005.453 | | 2.020.070 | 2 124 2 |
| Oman | 1,551,679 | 1,985,453 | Edible vegetables and certain roots and tubers | 3,020,878 | 3,134,2 |
| Continu | 4.500.020 | 1.052.212 | | 2 (04 722 | 2.046.2 |
| Spain | 1,506,926 | 1,952,212 | Fish and crustaceans etc. | 2,604,732 | 2,946,2 |
| United Arab Emirates | 2,105,642 | 1,678,237 | Dairy produce; birds' eggs; natural honey | 2,615,475 | 2,511,9 |
| Kuwait | 1,261,418 | 1,512,412 | Animal or vegetable fats and oils | 1,906,119 | 1,937,5 |
| France | 1,259,475 | 1,502,724 | Sugars and sugar confectionery | 2,194,223 | 1,719,6 |
| Jordan | 875,102 | 980,624 | Preparations of vegetables, fruit, nuts or other parts of plants | 1,720,661 | 1,532,8 |
| Italy | 832,918 | 851,176 | Preparations of cereals, flour, starch or milk | 1,326,672 | 1,345,7 |
| Russian Federation | 561,001 | 701,076 | Live animals | 1,439,622 | 1,230,1 |
| Qatar | 975,763 | 654,030 | Preparations of meat, of fish or of | 1,028,173 | 1,071,7 |
| | | | crustaceans | | |
| Netherlands | 567,424 | 626,060 | Miscellaneous edible preparations | 1,343,793 | 1,064,0 |
| Iraq | 1,289,996 | 604,914 | Oil seeds | 1,028,996 | 1,035,0 |
| India | 479,112 | 604,182 | Tobacco and manufactured tobacco substitutes | 1,573,700 | 802,3 |
| United States of America | 511,046 | 511,897 | Coffee, tea, maté and spices | 749,898 | 789,4 |
| China | 305,169 | 505,779 | Residues and waste; prepared animal | 680,018 | 659,6 |
| Share of Group's First 15,% | 57.2 | 66.3 | fodder Share of Group's First 15,% | 89.8 | 90 |
| Asian Group | 84,610,516 | 88,438,649 | Asian Group | 84,610,516 | 88,438,6 |
| India | 6,211,178 | 7,469,272 | Animal or vegetable fats and oils | 32,075,836 | 37,672,8 |
| China | 6,540,352 | 7,094,211 | Edible fruit and nuts | 8,415,588 | 7,736,5 |
| United States of America | | | Fish and crustaceans etc. | | 6,097,7 |
| | 5,378,358 | 5,953,292 | | 5,769,288 4,108,943 | |
| Netherlands | 3,122,923 | 3,480,810 | Preparations of cereals, flour, starch | | 4,180,1 |
| Singapore | 3,367,853 | 3,323,424 | Miscellaneous edible preparations | 3,184,267 | 3,138,2 |
| Iraq | 5,323,671 | 3,138,348 | Cocoa and cocoa preparations | 3,257,705 | 2,991,6 |
| Russian Federation | 2,244,674 | 2,945,577 | Cereals | 2,979,390 | 2,954,8 |
| Pakistan | 2,615,987 | 2,619,496 | Tobacco and manufactured tobacco substitutes | 2,647,758 | 2,608,9 |
| Japan | 2,142,700 | 2,308,951 | Coffee, tea, maté and spices | 2,755,334 | 2,591,7 |
| Germany | 2,450,886 | 2,306,286 | Preparations of vegetables, fruit, nuts | 2,866,070 | 2,530,0 |
| Italy | 2,151,520 | 2,261,014 | Edible vegetables and certain roots & tubers | 2,674,899 | 2,462,7 |
| Philippines | 1,780,085 | 2,155,969 | Products of the milling industry | 2,221,015 | 2,024,0 |
| Viet Nam | 2,417,092 | 2,131,589 | Sugars and sugar confectionery | 1,617,218 | 1,880,2 |
| Malaysia | 1,922,561 | 1,944,839 | Beverages, spirits and vinegar | 1,739,917 | 1,856,3 |
| Spain | 1,281,251 | 1,654,246 | Dairy produce; birds' eggs; natural honey | 2,124,397 | 1,657,4 |
| Share of Group's First 15,% | 57.9 | 57.4 | Share of Group's First 15,% | 92.7 | 93 |
| First 15 Total | 74,624,734 | 79,703,528 | Share of Group's riist 13,70 | 117,767,061 | 120,982,7 |
| | | | | | |
| OIC | 127,709,114 | 130,150,125 | | 127,709,114 | 130,150,1 |

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



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

| Annex 15: The Firs | | | tners in OIC's Imports, Thousand (| | 2045 |
|-----------------------------|-------------------|-------------------|---|-------------------|---------------|
| A Gui anna Curanna | 2016 | 2017 | African Curam | 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 | 5,991,371 | Residues and waste; prepared animal fodder | 6,386,799 | 6,906,784 |
| Indonesia | 4,707,916 | 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 | 4,406,324 | 4,453,266 |
| 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 | 2,731,739 | 2,936,095 | Cocoa and cocoa preparations | 2,320,128 | 2,918,219 |
| Canada | 2,351,437 | 2,936,095 | Coffee, tea, maté and spices | 2,705,664 | 2,711,040 |
| Kazakhstan | 1,530,522 | 1,670,228 | • | 2,306,828 | 2,711,040 |
| New Zealand | 1,359,714 | 1,574,563 | Tobacco and manufactured tobacco substitutes | | 2,374,010 |
| New Zealand Netherlands | | | Preparations of cereals, flour, starch | 2,134,517 | 2,374,010 |
| Share of Group's First 15,% | 1,501,610 69.6 | 1,281,711 73.3 | Live animals Share of Group's First 15,% | 1,549,230 89.9 | 2,072,894 |
| First 15 Total | 126,720,912 | 136,822,664 | Share of Group's First 13,70 | 176,983,982 | 182,276,710 |
| OIC | 196,118,385 | 200,778,330 | | 196,118,385 | 200,778,330 |
| World | 1,430,402,615 | | | 1,430,402,615 | |
| Wollu | 1,430,402,013 | 1,343,144,37/ | | 1,430,402,013 | 1,343,144,37/ |

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

Annex 16: Land Use in the OIC Member Countries (2019)- Area 1000 Ha

| Annex 16: Land Use in | n the OIC Memb | er Countries (2 | 019)- Area 1 | 000 На | |
|----------------------------|----------------------|-------------------|--------------|-----------------|-------------------|
| Country Name | Land Area | Agricultural Area | Arable Land | Permanent Crops | Permanent Meadows |
| Benin | 11276 | 3950 | 2800 | 600 | 550 |
| Burkina Faso | 27360 | 12100 | 6000 | 100 | 6000 |
| Cameroon | 47271 | 9750 | 6200 | 1550 | 2000 |
| Chad | 125920 | 50238 | 5200 | 38 | 45000 |
| Cote d'Ivoire | 31800 | 21200 | 3500 | 4500 | 13200 |
| Gabon | 25767 | 2212,64 | 325 | 170 | 1717,64 |
| Gambia, The | 1012 | 605 | 440 | 5 | 160 |
| Guinea | 24572 | 14500 | 3100 | 700 | 10700 |
| Guinea-Bissau | 2812 | 815,11 | 300 | 250 | 265,11 |
| Mali | 122019 | 41201 | 6411 | 150 | 34640 |
| Mozambique | 78638 | 41413,832 | 5650 | 300 | 35463,832 |
| Niger | 126670 | 46600 | 17700 | 118 | 28782 |
| Nigeria | 91077 | 69123,45 | 34000 | 6500 | 28623,45 |
| Senegal | 19253 | 8878 | 3200 | 78 | 5600 |
| Sierra Leone | 7218 | 3949 | 1584 | 165 | 2200 |
| Togo | 5439 | 3820 | 2650 | 170 | 1000 |
| Uganda | 20052 | 14415 | 6900 | 2200 | 5315 |
| Arab Group | 768156 | 344771,032 | 105960 | 17594 | 221217,032 |
| Algeria | 238174,10 | 41358,85 | 7505,02 | 1012,00 | 32841,83 |
| Bahrain | 78,30 | 8,60 | 1,60 | 3,00 | 4,00 |
| Comoros | 186,10 | 131,00 | 66,00 | 50,00 | 15,00 |
| Djibouti | 2318,00 | 1702,00 | 2,00 | 0,00 | 1700,00 |
| Egypt, Arab Rep. | 99545,00 | 3835,97 | 2910,97 | 925,00 | 0,00 |
| Iraq | 43412,80 | 9250,00 | 5000,00 | 250,00 | 4000,00 |
| Jordan | 8879,40 | 1030,28 | 208,62 | 79,66 | 742,00 |
| Kuwait | 1782,00 | 150,00 | 8,00 | 6,00 | 136,00 |
| Lebanon | 1023,00 | 658,00 | 132,00 | 126,00 | 400,00 |
| Libya | 175954,00 | 15350,00 | 1720,00 | 330,00 | 13300,00 |
| Mauritania | 103070,00 | 39661,00 | 400,00 | 11,00 | 39250,00 |
| Morocco | 44630,00 | 29611,91 | 6898,96 | 1712,94 | 21000,00 |
| Oman | 30950,00 | 1461,40 | 77,84 | 32,55 | 1351,00 |
| Palestine | 602,00 | 462,00 | 87,00 | 98,00 | 277,00 |
| Qatar | 1149,00 | 67,00 | 14,00 | 3,00 | 50,00 |
| Saudi Arabia | 214969,00 | 173598,00 | 3441,00 | 157,00 | 170000,00 |
| Somalia | 62734,00 | 44125,00 | 1100,00 | 25,00 | 43000,00 |
| Sudan | 184923,37 | 68186,16 | 19823,16 | 168,00 | 48195,00 |
| Syrian Arab Republic | 18363,00 | 13921,00 | 4662,00 | 1071,00 | 8188,00 |
| Tunisia | 15536,00 | 9743,00 | 2607,00 | 2386,00 | 4750,00 |
| United Arab Emirates | 7102,00 | 390,40 | 49,90 | 40,60 | 300,00 |
| Yemen, Rep. | 52797,00 | 23452,00 | 1158,00 | 294,00 | 22000,00 |
| African Group | 1308178 | 478153,5674 | 57873 | 8781 | 411500 |
| Afghanistan | 65223 | 38010 | 7788 | 222 | 30000 |
| Albania | 2740 | 1174 | 610 | 86 | 478 |
| Azerbaijan | 8265,4 | 4779,8 | 2096,1 | 260,3 | 2423,4 |
| Bangladesh | 13017 | 9397 | 7967 | 830 | 600 |
| Brunei Darussalam | 527 | 13,4 | 4 | 6 | 3,4 |
| Guyana | 19685 | 1241,25 | 420 | 40 | 781,25 |
| Indonesia | 187751,9 | 62300 | 26300 | 25000 | 11000 |
| Iran, Islamic Rep. | 162876 | 47013 | 15645 | 1891 | 29477 |
| Kazakhstan | 269970 | 214453,2 | 29857,2 | 132 | 184464 |
| Kyrgyz Republic | 19180 | 10368,4 | 1287,4 | 76,6 | 9004,4 |
| Malaysia | 32855 | 8571 | 826 | 7460 | 285 |
| Maldives | 30 | 6,4 | 3,9 | 1,5 | 1 |
| Pakistan | 77088 | 36300 | 30507 | 793 | 5000 |
| Suriname | 15600 | 84 | 62 | 6 | 16 |
| Tajikistan | 13879 | 4727,7 | 699,9 | 152,8 | 3875 |
| Turkey | 76963 | 37716 | 19580 | 3519 | 14617 |
| Turkmenistan | 46993 | 33838 | 1940 | 60 | 31838 |
| Uzbekistan | | | 4033,5 | 403,8 | 21118 |
| Asian Group | 44055,5 1056698,8 | 25555,3 535548 | 149627 | 403,8 | 344981 |
| OIC Member Countries Total | 3133032,872 | 1358473,049 | 313460,0712 | 67314,7562 | 977698,312 |
| World Total | 13030,872 | | 1383346 | 170236 | |
| vvonu rotar | 13030087 | 4752111 | 1383346 | 170236 | 3196030 |



Annex 17: Cereals Total Production, Tonnes

| Annex 17: Cere | | | | | | |
|---------------------------|----------------|----------------|----------------|-----------------|----------------|----------------|
| Country Name | 1995 | 2000 | 2005 | 2010 | 2015 | 2019 |
| Benin | 734332 | 993383 | 1151853 | 1333436 | 1643227 | 2134806 |
| Burkina Faso | 2307988 | 2279247 | 3649533 | 4560546 | 4189665 | 4939630 |
| Cameroon | 1179858 | 1275031 | 1873821 | 3011835 | 3605513 | 3945682 |
| Chad | 907316 | 930038 | 1824463 | 3247583 | 2452528 | 2925292 |
| Cote d'Ivoire | 1321407 | 1285904 | 1424903 | 1961771 | 3308600 | 3139575 |
| Gabon | 29452 | 26900 | 35309 | 40754 | 45415 | 49115 |
| Gambia, The | 98755 | 176100 | 205572 | 363549 | 206609 | 104852 |
| Guinea | 1351036 | 1800810 | 2290039 | 2861146 | 3532856 | 4286357 |
| Guinea-Bissau | 200531 | 177884 | 212538 | 256353 | 208495 | 238549 |
| Mali | 2188973 | 2310196 | 3398743 | 5338937 | 8055052 | 10451442 |
| Mozambique | 1126331 | 1587548 | 1142170 | 2802582 | 1503910 | 2782012 |
| Niger | 2246328 | 2126435 | 3667114 | 5264113 | 5464509 | 5338986 |
| Nigeria | 22512600 | 21370000 | 26031000 | 24650298 | 25451761 | 28243317 |
| Senegal | 1186701 | 1025921 | 1432831 | 1767822 | 2152246 | 2768798 |
| Sierra Leone | 407600 | 222472 | 824691 | 1144650 | 987060 | 1085499 |
| Togo | 591264 | 740520 | 833289 | 1045866 | 1249728 | 1372361 |
| Uganda | 2030000 | 2112000 | 2526000 | 3270391 | 3720394 | 3461687 |
| Arab Group | 40420472 | 40440389 | 52523869 | 62921632 | 67777568 | 77267960 |
| Algeria | 2139705 | 934656 | 3527824 | 4211355 | 3761230 | 5633513 |
| Bahrain | | | | | | |
| Comoros | 20912 | 18981 | 22250 | 29214 | 36500 | 42689 |
| Djibouti | 10 | 11 | 9 | 14 | 18 | 21 |
| Egypt, Arab Rep. | 16097252 | 20105573 | 22423470 | 19464743 | 23141275 | 24125510 |
| Iraq | 2540110 | 904480 | 3708150 | 4362383 | 3471116 | 6913550 |
| Jordan | 98821 | 57133 | 102406 | 87266 | 95323 | 114218 |
| Kuwait | 1961 | 7996 | 10078 | 20303 | 9312 | 17863 |
| Lebanon | 100385 | 122800 | 177240 | 111784 | 180116 | 165443 |
| Libya | 146511 | 221780 | 233600 | 243539 | 254600 | 219613 |
| Mauritania | 221643 | 179687 | 170771 | 278473 | 315852 | 480433 |
| Morocco | 1783230 | 1996649 | 4279354 | 7834479 | 11687923 | 5312976 |
| Oman | 32949 | 33163 | 32858 | 46034 | 78950 | 65375 |
| Palestine | 65775 | 67842 | 68378 | 26980 | 50142 | 50635 |
| Qatar | 4256 | 7215 | 7094 | 2665 | 1801 | 1011 |
| Saudi Arabia | 2668863 | 2167394 | 3006637 | 1565155 | 1549853 | 1344892 |
| Somalia | 284920 | 392408 | 355709 | 355815 | 265481 | 184185 |
| Sudan | 3305200 | 3259000 | 6243000 | 3562350 | 4088600 | 5630000 |
| Syrian Arab Republic | 6094151 | 3512791 | 5631256 | 3900866 | 3967943 | 6359475 |
| Tunisia | 647471 4972 | 1121989 | 2135246 | 1113434 | 1339798 | 2419826 |
| United Arab Emirates | 810177 | 4037 672237 | 2157 562230 | 5336 1012945 | 3695 459246 | 6708 456714 |
| Yemen, Rep. African Group | 37069274 | 35787822 | 52699717 | 48235133 | 54758774 | 59544650 |
| Afghanistan | 3242179 | 1940000 | 5425000 | 5957000 | 5808288 | 5583461 |
| Albania | 645400 | 565800 | 511200 | 693800 | 695000 | 666065 |
| Azerbaijan | 909592 | 1496225 | 2056186 | 1928779 | 2898559 | 3416765 |
| Bangladesh | 27704115 | 39503000 | 41146756 | 51862850 | 55438379 | 59181920 |
| Brunei Darussalam | 508 | 299 | 851 | 1072 | 1983 | 1500 |
| Guyana | 529300 | 452569 | 424365 | 560532 | 691784 | 1054000 |
| Indonesia | 57990042 | 61575000 | 66674990 | 77610636 | 80643435 | 85297388 |
| Iran, Islamic Rep. | 17191142 | 12877642 | 21914453 | 19597232 | 18255385 | 23812431 |
| Kazakhstan | 9476320 | 11539396 | 13750260 | 12115916 | 18585932 | 17355885 |
| Kyrgyz Republic | 911080 | 1550090 | 1621549 | 1510268 | 1753400 | 1822892 |
| Malaysia | 2170271 | 2205800 | 2389000 | 2512432 | 2803864 | 2965976 |
| Maldives | 11 | 100 | 120 | 164 | 197 | 223 |
| Pakistan | 25036450 | 30460700 | 33507800 | 34811258 | 41081682 | 43260318 |
| Suriname | 216323 | 163695 | 163990 | 226721 | 268529 | 274408 |
| Tajikistan | 242350 | 544994 | 902912 | 1382559 | 1324045 | 1336388 |
| Turkey | 28168560 | 32240094 | 36464200 | 32764875 | 38632438 | 34398698 |
| Turkmenistan | 1102050 | 1751000 | 3035000 | 1535230 | 1617000 | 1689357 |
| Uzbekistan | 3382600 | 4107900 | 6534570 | 7473500 | 8014002 | 6992495 |
| Asian Group | 178918293 | 202974304 | 236523202 | 252544824 | 278513902 | 289110170 |
| OIC Total | 256408039 | 279202515 | 341746788 | 363701589 | 401050244 | 425922780 |
| World Total | 1899400863 | 2058541782 | 2266634969 | 2460450169 | 2833553469 | 2978982008 |
| Source: EAOSTAT | | | | | | |

| Country Name | ps Primary P | 2000 | 2005 | 2010 | 2015 | 2019 |
|----------------------|--------------|-----------|-----------|-----------|-----------|------------|
| Benin | 657210 | 730989 | 676512 | 856101 | 1185346 | 1996911 |
| Burkina Faso | 417767 | 459218 | 1039931 | 1047829 | 1444917 | 1686808 |
| Cameroon | 1379725 | 1573936 | 2187327 | 3018111 | 3159131 | 3136057 |
| Chad | 474581 | 588242 | 748711 | 1302291 | 1166328 | 1459634 |
| Cote d'Ivoire | 2024516 | 1876090 | 1867775 | 2021070 | 2614378 | 2714393 |
| Gabon | 54918 | 53800 | 51398 | 43387 | 54882 | 58471 |
| Gambia, The | 112534 | 176338 | 144657 | 175566 | 140351 | 146899 |
| Guinea | 972582 | | 1173957 | 1241284 | | |
| | 132400 | 1118466 | | | 1433903 | 1909809 |
| Guinea-Bissau | | 150152 | 154954 | 163827 | 171024 | 176378 |
| Mali | 714273 | 588699 | 955636 | 715760 | 1151962 | 1407478 |
| Mozambique | 655995 | 673590 | 745413 | 677206 | 575479 | 595215 |
| Niger | 127526 | 138494 | 199729 | 528761 | 505120 | 694294 |
| Nigeria | 10797820 | 12895596 | 14234729 | 14013749 | 14177959 | 16957523 |
| Senegal | 899633 | 1154089 | 856754 | 1444241 | 1226216 | 1612664 |
| Sierra Leone | 267295 | 194304 | 320130 | 300068 | 299694 | 372482 |
| Годо | 297292 | 282321 | 238995 | 264586 | 298249 | 348293 |
| Jganda | 401300 | 547947 | 814773 | 822038 | 824072 | 746616 |
| Arab Group | 20387367 | 23202271 | 26411381 | 28635875 | 30429011 | 36019925 |
| Algeria | 165751 | 250126 | 348889 | 340085 | 681119 | 904442 |
| Bahrain | | | | | | |
| Comoros | 71405 | 74910 | 81542 | 92994 | 73757 | 87956 |
| djibouti | | | | | | |
| Egypt, Arab Rep. | 1162149 | 1145126 | 1220240 | 1104679 | 1340260 | 1729314 |
| Iraq | 111039 | 75890 | 114231 | 91427 | 50563 | 43039 |
| lordan | 63274 | 134503 | 113167 | 171790 | 200937 | 214994 |
| Kuwait | 1 | 1 | 15 | 29 | 57 | 80 |
| Lebanon | 63615 | 197320 | 82260 | 208141 | 140925 | 140977 |
| Libya | 183000 | 185000 | 207118 | 199144 | 179522 | 153240 |
| Mauritania | 5367 | 5186 | 3512 | 3570 | 3543 | 3405 |
| Morocco | 463629 | 462080 | 819237 | 1619112 | 1235167 | 1985802 |
| Oman | 403023 | 402000 | 013237 | 1015112 | 1233107 | 1303002 |
| Palestine | 44889 | 157485 | 88366 | 112863 | 88845 | 91075 |
| Qatar | 44003 | 137463 | 88300 | 112003 | 00043 | 91073 |
| • | COEO | 7393 | 8964 | CCCA | 5738 | FC20 |
| Saudi Arabia | 6050 | | | 6664 | | 5628 |
| Somalia | 42761 | 41316 | 54896 | 51320 | 60252 | 62761 |
| Sudan | 1503000 | 1483000 | 1221006 | 1177250 | 1649700 | 4439211 |
| Syrian Arab Republic | 1081615 | 1992439 | 1686181 | 1467833 | 725135 | 1009116 |
| Tunisia | 319007 | 571841 | 1069265 | 890745 | 1714416 | 889506 |
| United Arab Emirates | | | | | | |
| Yemen, Rep. | 26398 | 45987 | 39936 | 52472 | 38156 | 45741 |
| African Group | 5312950 | 6829603 | 7158825 | 7590118 | 8188092 | 11806287 |
| Afghanistan | 118605 | 106066 | 97712 | 73745 | 92879 | 170579 |
| Albania | 40860 | 40640 | 33930 | 73841 | 99320 | 100615 |
| Azerbaijan | 275129 | 106319 | 228746 | 73009 | 76211 | 352698 |
| Bangladesh | 520365 | 436340 | 758120 | 829769 | 991655 | 1035436 |
| Brunei Darussalam | 142 | 169 | 358 | 358 | 416 | 429 |
| Guyana | 75600 | 81900 | 71861 | 18511 | 91196 | 117252 |
| ndonesia | 39714944 | 54217124 | 94721539 | 165476047 | 202608628 | 264144825 |
| ran, Islamic Rep. | 773278 | 783241 | 990647 | 672682 | 717055 | 830457 |
| Kazakhstan | 385045 | 456630 | 942630 | 1017560 | 1821383 | 2932298 |
| Kyrgyz Republic | 93976 | 141238 | 205711 | 134860 | 93246 | 89292 |
| Malaysia | 43337258 | 57466669 | 75522700 | 83811653 | 99041766 | 99807815 |
| Maldives | 11880 | 15670 | 17035 | 4260 | 508 | 272 |
| Pakistan | 5906621 | 6174848 | 7298898 | 6676790 | 5919029 | 5728934 |
| Suriname | 15946 | 9896 | 6415 | 10012 | 13923 | 15232 |
| | | | | | | |
| Tajikistan | 411855 | 336478 | 456577 | 323845 | 293555 | 438884 |
| Turkey | 3842640 | 5019382 | 4575158 | 5261680 | 5978498 | 6390412 |
| Turkmenistan | 1293000 | 1030000 | 1000000 | 1286300 | 763650 | 582000 |
| Uzbekistan | 3960539 | 3027908 | 3763938 | 3508220 | 3459139 | 2802571 |
| Asian Group | 100777683 | 129450518 | 190691975 | 269253142 | 322062057 | 385540001 |
| OIC Total | 126478000 | 159482392 | 224262181 | 305479135 | 360679160 | 433366213 |
| World Total | 433449728 | 514419812 | 672947872 | 833884835 | 980715104 | 1101306633 |



Annex 19: Fruit Primary, Total Production, Tonnes

| Country Name | 1995 | 2000 | 2005 | 2010 | 2015 | 2019 |
|-----------------------|----------|-----------|-----------|-----------|-----------|-----------|
| Benin | 180622 | 194030 | 266373 | 433526 | 434252 | 565153 |
| Burkina Faso | 75091 | 78429 | 83084 | 94191 | 106100 | 115213 |
| Cameroon | 2457273 | 2056413 | 3285742 | 4950551 | 6400201 | 6723718 |
| Chad | 109191 | 113206 | 112658 | 117267 | 123110 | 126089 |
| Cote d'Ivoire | 2047054 | 2347112 | 2282068 | 2170545 | 2453543 | 2579083 |
| Gabon | 258464 | 294357 | 294178 | 337491 | 372490 | 399155 |
| Gambia, The | 4474 | 5866 | 6998 | 8429 | 9679 | 10626 |
| Guinea | 979346 | 1009558 | 1121152 | 1204624 | 1289288 | 1328496 |
| Guinea-Bissau | 69033 | 75343 | 83455 | 95944 | 109065 | 118793 |
| Mali | 448484 | 534481 | 621510 | 1672759 | 1295168 | 1996758 |
| Mozambique | 336700 | 290768 | 398986 | 646767 | 1019695 | 1098214 |
| Niger | 48147 | 138204 | 281800 | 512205 | 554222 | 709340 |
| Nigeria | 7928578 | 9389796 | 9671111 | 10762880 | 11506523 | 11961707 |
| | 365350 | | | | 550875 | |
| Senegal | | 241863 | 387487 | 436900 | | 1484050 |
| Sierra Leone | 156465 | 170536 | 209725 | 237309 | 266544 | 286741 |
| Togo | 44571 | 48445 | 52700 | 59900 | 66541 | 71939 |
| Uganda | 9644958 | 10090650 | 9709084 | 5349200 | 4921893 | 4025120 |
| Arab Group | 25153801 | 27079057 | 28868111 | 29090488 | 31479189 | 33600195 |
| Algeria | 1547190 | 1802532 | 3092650 | 4447608 | 6235744 | 7069957 |
| Bahrain | 21608 | 22098 | 18336 | 20154 | 22987 | 22170 |
| Comoros | 59019 | 62615 | 68700 | 61690 | 49815 | 26685 |
| Djibouti | 3207 | 3612 | 3714 | 4152 | 4553 | 4853 |
| Egypt, Arab Rep. | 7454444 | 9551830 | 11021298 | 12313121 | 15395048 | 15524952 |
| Iraq | 2507211 | 2587286 | 1702996 | 1543569 | 1109403 | 1922723 |
| Jordan | 347007 | 307769 | 412745 | 475795 | 589532 | 540524 |
| Kuwait | 7355 | 13205 | 25074 | 37734 | 104812 | 115324 |
| Lebanon | 1434760 | 924200 | 1004810 | 852574 | 1053911 | 999775 |
| Libya | 574029 | 555929 | 598403 | 648862 | 668487 | 679536 |
| Mauritania | 35414 | 27000 | 25426 | 25773 | 27970 | 28758 |
| Morocco | 2337929 | 3318374 | 3852567 | 4297236 | 5642885 | 6381574 |
| Oman | 262530 | 359353 | 324012 | 382421 | 416832 | 510473 |
| Palestine | 293123 | 251151 | 194167 | 94317 | 102937 | 105911 |
| Qatar | 18529 | 23143 | 22841 | 24634 | 28890 | 28896 |
| Saudi Arabia | 1636138 | 1569073 | 2161661 | 2155020 | 2051296 | 3195046 |
| Somalia | 223383 | 208821 | 213484 | 207780 | 209967 | 208355 |
| Sudan | 1047720 | 1451856 | 3141295 | 3200650 | 3618376 | 3317366 |
| Syrian Arab Republic | 1762444 | 2134338 | 2455080 | 2753720 | 2354139 | 2598744 |
| Tunisia | 1049564 | 1379832 | 1590270 | 1704534 | 2168329 | 2120183 |
| United Arab Emirates | 296452 | 975152 | 792199 | 858950 | 435844 | 360598 |
| | | | | | | |
| Yemen, Rep. | 527603 | 775267 | 938314 | 1253538 | 1112288 | 1158422 |
| African Group | 23446659 | 28304436 | 33660042 | 37363832 | 43404045 | 46920825 |
| Afghanistan | 789515 | 856631 | 936922 | 1360110 | 1831103 | 3078485 |
| Albania | 288825 | 391651 | 455290 | 634378 | 765329 | 810756 |
| Azerbaijan | 725912 | 788471 | 1092698 | 1250376 | 1479608 | 1668323 |
| Bangladesh | 1487405 | 1440000 | 3099030 | 3917826 | 4516921 | 4896712 |
| Brunei Darussalam | 4956 | 5214 | 6155 | 6587 | 7354 | 8306 |
| Guyana | 66544 | 75359 | 53584 | 56826 | 109759 | 167066 |
| Indonesia | 10866450 | 8710401 | 15261368 | 15634651 | 20732093 | 21453166 |
| Iran, Islamic Rep. | 11701699 | 13813313 | 19320716 | 17829472 | 19031448 | 17459251 |
| Kazakhstan | 328395 | 685090 | 986130 | 1352656 | 2369052 | 2770911 |
| Kyrgyz Republic | 110300 | 253472 | 243954 | 354893 | 463484 | 471700 |
| Malaysia | 1303694 | 1333937 | 1322137 | 1202850 | 1328908 | 1113984 |
| Maldives | 11730 | 9560 | 10497 | 6790 | 4326 | 5504 |
| Pakistan | 5957952 | 5902443 | 6941856 | 9668754 | 9795029 | 9572590 |
| Suriname | 93086 | 76219 | 89202 | 131553 | 116835 | 98899 |
| Tajikistan | 361100 | 375462 | 413330 | 835343 | 1136857 | 1299516 |
| Turkey | 14975475 | 16629300 | 18450775 | 19229237 | 20296003 | 23312940 |
| Turkmenistan | 394000 | 482000 | 661000 | 662759 | 654741 | 676411 |
| Uzbekistan | 1715887 | 1866500 | 2207180 | 3880000 | 6178943 | 5798029 |
| | 51182925 | 53695023 | 71551824 | 78015061 | 90817793 | 94662549 |
| | | | | 1001.3001 | 2001//22 | |
| Asian Group OIC Total | 99783385 | 109078516 | 134079977 | 144469381 | 165701027 | 175183569 |

Annex 20: Vegetables Primary, Total Production, Tonnes

| Country Name | 1995 | 2000 | 2005 | 2010 | 2015 | 2019 |
|----------------------|----------------|---------------------|------------------|----------------|------------------|----------------|
| Benin | 266366 | 278679 | 329507 | 302253 | 630671 | 672552 |
| Burkina Faso | 241289 | 239035 | 242982 | 270529 | 308499 | 318480 |
| Cameroon | 687552 | 1212461 | 1465602 | 2039598 | 2726840 | 3107164 |
| Chad | 100852 | 96448 | 98334 | 102303 | 108054 | 112108 |
| Cote d'Ivoire | 603258 | 582913 | 664897 | 642608 | 703186 | 713829 |
| Gabon | 32966 | 35389 | 37432 | 42855 | 49748 | 55578 |
| Gambia, The | 8000 | 9000 | 10405 | 11359 | 12786 | 13513 |
| Guinea | 502311 | 499745 | 561343 | 563516 | 552794 | 563887 |
| Guinea-Bissau | 23500 | 25129 | 26387 | 32155 | 39188 | 44618 |
| Mali | 869853 | 884555 | 1002632 | 1209889 | 1570431 | 2085285 |
| Mozambique | 147630 | 115282 | 250868 | 449650 | 699010 | 1176489 |
| Niger | 346845 | 529608 | 842654 | 869446 | 2275658 | 3065790 |
| Nigeria | 5898594 | 8277564 | 11115881 | 12090852 | 16187140 | 16670642 |
| Senegal | 77620 | 259124 | 290591 | 509147 | 741852 | 998362 |
| Sierra Leone | 187000 | 182000 | 264000 | 306136 | 353974 | 388274 |
| Togo | 144793 | 136894 | 141273 | 143688 | 146455 | 148708 |
| Uganda | 475940 | 546286 | 760777 | 1087032 | 1412799 | 1672086 |
| Arab Group | 10614369 | 13910112 1783773 | 18105565 | 20673016 | 28519085 | 31807365 |
| Algeria | 2246286 | | 3011333 | 4116878 | 5985283 | 7295378 |
| Bahrain | 12164 5919 | 10542 6420 | 7950 4277 | 15324 5019 | 15597 | 18332 5773 |
| Comoros | | | | | 5336 | |
| Djibouti | 21893 | 24651 | 26940 | 31337 | 36044 | 39979 |
| Egypt, Arab Rep. | 8797644 | 12568379 | 14406872 | 16773785 | 16396416 | 15419841 |
| Iraq | 2372200 | 2677500 | 3197596 | 3059473 | 1106412 | 1271660 |
| Jordan | 803660 | 799222 | 1251424 | 1412842 | 1690762 | 1212016 |
| Kuwait | 111945 | 186116 | 261355 | 334009 | 296352 754543 | 328459 |
| Lebanon | 981410 | 813400 | 726200 605487 | 879599 | 677741 | 729868 |
| Libya Mauritania | 531388 3524 | 652790 3815 | 4000 | 652469 4410 | 4649 | 693356 4749 |
| Morocco | 1907076 | 2537034 | 3598847 | 4379584 | 4213408 | 4205557 |
| Oman | 164400 | 176833 | 177428 | 302928 | 385066 | 668619 |
| Palestine | 505086 | 553392 | 594746 | 435421 | 290637 | 476361 |
| Qatar | 42389 | 50980 | 18391 | 41347 | 34955 | 62308 |
| Saudi Arabia | 1734080 | 1166071 | 1392971 | 1271985 | 648299 | 638690 |
| Somalia | 49932 | 61862 | 81159 | 96252 | 103858 | 111128 |
| Sudan | 1414750 | 1949050 | 2568004 | 2637446 | 3276697 | 3868750 |
| Syrian Arab Republic | 1594250 | 1529933 | 2120399 | 2368171 | 1720418 | 2020519 |
| Tunisia | 1258131 | 1709785 | 1825263 | 2541536 | 3140932 | 3142885 |
| United Arab Emirates | 696766 | 2124839 | 431560 | 188242 | 239443 | 315098 |
| Yemen, Rep. | 375945 | 476797 | 496939 | 646029 | 482325 | 478214 |
| African Group | 25630838 | 31863184 | 36809141 | 42194086 | 41505173 | 43007540 |
| Afghanistan | 1171983 | 1108694 | 1243836 | 969763 | 1008465 | 1377857 |
| Albania | 399500 | 376537 | 451000 | 604559 | 748746 | 942293 |
| Azerbaijan | 77214 | 765901 | 1165164 | 1223024 | 1276769 | 1716198 |
| Bangladesh | 1390105 | 1723000 | 2471290 | 3472597 | 5058058 | 6300864 |
| Brunei Darussalam | 9329 | 13807 | 12422 | 10455 | 10640 | 6159 |
| Guyana | 24545 | 74720 | 31946 | 73224 | 179085 | 234526 |
| Indonesia | 6562565 | 6579705 | 7838948 | 9398266 | 10237085 | 11772048 |
| Iran, Islamic Rep. | 5868943 | 8463955 | 11241607 | 14006099 | 13669831 | 11827191 |
| Kazakhstan | 779750 | 1487510 | 2207723 | 2577467 | 3565397 | 4274274 |
| Kyrgyz Republic | 318713 | 747042 | 736873 | 812302 | 1052290 | 1104539 |
| Malaysia | 403488 | 398846 | 521872 | 847992 | 1359632 | 1286212 |
| Maldives | 3103 | 2989 | 2460 | 2510 | 2675 | 2725 |
| Pakistan | 3565876 | 4427637 | 4715230 | 4608150 | 4784710 | 5462905 |
| Suriname | 23782 | 19159 | 18935 | 13179 | 24142 | 23172 |
| Tajikistan | 495876 | 368335 | 755761 | 1180989 | 1778034 | 2346678 |
| Turkey | 16471951 | 18841662 | 20628962 | 20655850 | 23696207 | 25338974 |
| Turkmenistan | 376000 | 347200 | 549500 | 664781 | 659198 | 670026 |
| Uzbekistan | 2725000 | 2645100 | 3517760 | 6347100 | 10129923 | 9984635 |
| Asian Group | 40667723 | 48391799 | 58111289 | 67468307 | 79240887 | 84671276 |
| OIC Total | 76912930 | 94165095 | 113025995 | 130335409 | 149265145 | 159486181 |
| World Total | 512369002 | 681990855 | 779336964 | 921119136 | 1056813178 | 1127926636 |



Annex 21: Beef and Buffalo Meat Production, Tonnes

| | u bullato Me | | | | | |
|-------------------------|--------------|----------|----------|----------|----------|----------|
| Country Name | 1995 | 2000 | 2005 | 2010 | 2015 | 2018 |
| Benin | 15400 | 25653 | 29971 | 34085 | 38760 | 41854 |
| Burkina Faso | 62146 | 68615 | 111745 | 123374 | 94973 | 110130 |
| Cameroon | 73000 | 93000 | 94000 | 81910 | 96526 | 84268 |
| Chad | 136560 | 176760 | 228960 | 296520 | 384022 | 443952 |
| Cote d'Ivoire | 36990 | 33232 | 29612 | 34264 | 31384 | 33107 |
| Gabon | 1016 | 1115 | 1571 | 1135 | 1191 | 1164 |
| Gambia | 3342 | 3469 | 3936 | 4080 | 4701 | 4326 |
| Guinea | 28590 | 34395 | 41022 | 61600 | 80000 | 83783 |
| Guinea-Bissau | 3982 | 4510 | 5247 | 6353 | 6961 | 7444 |
| Mali | 54080 | 56312 | 107679 | 143676 | 160000 | 188715 |
| Mozambique | 13500 | 12000 | 6148 | 8103 | 12303 | 13884 |
| Niger | 62000 | 47549 | 58522 | 60357 | 58942 | 58560 |
| Nigeria | 266861 | 279000 | 305610 | 306960 | 384396 | 390214 |
| | 43750 | 46157 | 47196 | 61079 | 83794 | 82569 |
| Senegal Sierra Leone | 7004 | 6489 | 7210 | 10094 | 13200 | 13409 |
| | | | | | | |
| Togo | 5578 | 6620 | 8200 | 9250 | 10234 | 10632 |
| Uganda | 86400 | 96750 | 147000 | 180300 | 214210 | 238729 |
| African Group | 900199 | 991626 | 1233629 | 1423140 | 1675597 | 1806740 |
| Algeria | 100600 | 132600 | 120000 | 126126 | 155037 | 153192 |
| Bahrain | 684 | 896 | 875 | 1020 | 986 | 986 |
| Comoros | 1005 | 1012 | 1100 | 1243 | 1271 | 1282 |
| Djibouti | 3278 | 6050 | 5170 | 6050 | 6193 | 6414 |
| Egypt | 533000 | 570000 | 707000 | 855653 | 837384 | 721203 |
| Iraq | 43337 | 47775 | 48080 | 55786 | 56824 | 43570 |
| Jordan | 3900 | 6500 | 7530 | 12299 | 27452 | 28280 |
| Kuwait | 602 | 806 | 728 | 2004 | 1882 | 1936 |
| Lebanon | 17685 | 57600 | 61467 | 45764 | 46163 | 43193 |
| Libya | 21600 | 8200 | 7600 | 13400 | 9180 | 9801 |
| Mauritania | 9600 | 21000 | 25200 | 25787 | 30320 | 30176 |
| Morocco | 122100 | 140000 | 157000 | 192000 | 245514 | 283002 |
| Oman | 3454 | 3936 | 4810 | 14950 | 13888 | 14738 |
| | | | | | | |
| Palestine | 10670 | 13921 | 5228 | 5810 | 8290 | 8286 |
| Qatar | 246 | 540 | 300 | 576 | 647 | 581 |
| Saudi Arabia | 26000 | 21600 | 22400 | 44000 | 40800 | 42023 |
| Somalia | 49500 | 61600 | 67650 | 59180 | 60387 | 58690 |
| Sudan | 224750 | 296000 | 350000 | 343000 | 366752 | 388987 |
| Syrian Arab Republic | 33910 | 47255 | 55411 | 62215 | 65591 | 65590 |
| Tunisia | 43700 | 52000 | 45800 | 55800 | 58300 | 60291 |
| United Arab Emirates | 10875 | 15325 | 7050 | 15000 | 16163 | 19917 |
| Yemen, Rep. | 40634 | 51698 | 72627 | 107512 | 114743 | 117617 |
| Arab Group | 1301130 | 1556314 | 1773026 | 2045175 | 2163767 | 2099755 |
| Afghanistan | 130000 | 126000 | 141100 | 131000 | 136428 | 129691 |
| Albania | 30800 | 35900 | 40800 | 40800 | 38556 | 38544 |
| Azerbaijan | 54951 | 78425 | 95909 | 112361 | 129753 | 135620 |
| Bangladesh | 151216 | 176500 | 188000 | 194112 | 202102 | 205684 |
| Brunei Darussalam | 1251 | 3358 | 2213 | 824 | 606 | 718 |
| Guyana | 3800 | 1900 | 2028 | 2260 | 2282 | 2197 |
| Indonesia | 359462 | | 396757 | 472364 | 542071 | 563161 |
| | | 385795 | | | | |
| Iran | 264920 | 289000 | 363000 | 362351 | 331440 | 463378 |
| Kazakhstan | 548200 | 306300 | 348300 | 406817 | 416823 | 477407 |
| Kyrgyz Republic | 84700 | 100622 | 90850 | 97712 | 99059 | 108631 |
| Malaysia | 16919 | 17501 | 29396 | 46510 | 50494 | 51301 |
| Maldives | | | | | | |
| Pakistan | 847000 | 886000 | 1004000 | 1485000 | 1750000 | 1934000 |
| Suriname | 1800 | 1952 | 1338 | 1882 | 1474 | 1616 |
| Tajikistan | 32000 | 14800 | 26700 | 28642 | 37794 | 39560 |
| Turkey | 298545 | 358683 | 323258 | 621971 | 1015251 | 1004261 |
| Turkmenistan | 51000 | 72000 | 103000 | 140004 | 143305 | 144223 |
| Uzbekistan | 392000 | 390000 | 518100 | 665300 | 850000 | 922364 |
| Asian Group | 3268564 | 3244736 | 3674749 | 4809910 | 5747438 | 6222356 |
| OIC Total | 5469893 | 5792676 | 6681404 | 8278225 | 9586802 | 10128851 |
| | | | | | | |
| World Total | 55374837 | 58850260 | 62420785 | 66553535 | 67979125 | 71601312 |



Annex 22: Meat, Poultry Production, Tonnes

| Country Name | 1995 | 2000 | 2005 | 2010 | 2015 | 2018 |
|--------------------------|--------------------|----------|----------|----------|-----------|-----------|
| Benin | 10800 | 13853 | 13255 | 10335 | 13245 | 14561 |
| Burkina Faso | 22470 | 26469 | 30882 | 37280 | 38179 | 47484 |
| Cameroon | 21200 | 21200 | 53200 | 68000 | 76224 | 78807 |
| Chad | 4828 | 5307 | 5586 | 5985 | 6121 | 6454 |
| Cote d'Ivoire | 24180 | 22088 | 22521 | 34899 | 42837 | 44199 |
| Gabon | 3200 | 3760 | 3760 | 3760 | 3963 | 3911 |
| Gambia | 1100 | 960 | 975 | 1200 | 1575 | 1632 |
| Guinea | 2955 | 4176 | 5570 | 7771 | 11103 | 12690 |
| Guinea-Bissau | 798 | 1357 | 1684 | 2035 | 2599 | 2621 |
| Mali | 25600 | 29200 | 34400 | 41600 | 43776 | 51046 |
| Mozambique | 30474 | 32850 | 20753 | 41994 | 77574 | 88781 |
| Niger | 10120 | 10976 | 11708 | 16400 | 17594 | 19109 |
| | | | | | | |
| Nigeria | 169000 | 160000 | 218750 | 245000 | 197580 | 192689 |
| Senegal | 17460 | 23239 | 29042 | 45451 | 60118 | 64146 |
| Sierra Leone | 8673 | 5484 | 4873 | 14014 | 16621 | 16547 |
| Togo | 7360 | 12000 | 17600 | 28400 | 34205 | 35557 |
| Uganda | 36400 | 44090 | 52650 | 62300 | 62516 | 69548 |
| African Group | 396618 | 417009 | 527209 | 666424 | 705830 | 749782 |
| Algeria | 208365 | 244020 | 270360 | 274820 | 291480 | 294663 |
| Bahrain | 5031 | 5777 | 5050 | 6260 | 6661 | 6956 |
| Comoros | 464 | 512 | 560 | 568 | 577 | 601 |
| Djibouti | | | | | | |
| Egypt | 389773 | 591762 | 664636 | 851133 | 1166521 | 1199783 |
| Iraq | 37000 | 74000 | 85000 | 52812 | 86000 | 90225 |
| Jordan | 107740 | 119043 | 133165 | 187724 | 181997 | 193586 |
| Kuwait | 25899 | 32964 | 37821 | 37831 | 53293 | 61122 |
| Lebanon | 58000 | 105000 | 122400 | 80000 | 100751 | 125821 |
| Libya | 102800 | 98540 | 98800 | 118800 | 120706 | 128782 |
| | | | | | | |
| Mauritania | 3840 | 4080 | 4440 | 4464 | 3826 | 4715 |
| Morocco | 197000 | 267000 | 388000 | 612500 | 714954 | 774973 |
| Oman | 3880 | 4320 | 5840 | 5944 | 6270 | 6561 |
| Palestine | 48560 | 73873 | 69090 | 43580 | 54319 | 61356 |
| Qatar | 3817 | 4209 | 5308 | 8120 | 8527 | 10004 |
| Saudi Arabia | 310000 | 483700 | 537700 | 575684 | 518348 | 554332 |
| Somalia | 3120 | 3200 | 3680 | 3520 | 3831 | 3841 |
| Sudan | 25000 | 26000 | 30500 | 38000 | 60000 | 70000 |
| Syrian Arab Republic | 88864 | 110190 | 165275 | 192000 | 101145 | 101072 |
| Tunisia | 70460 | 116870 | 132000 | 160700 | 219600 | 216746 |
| United Arab Emirates | 22470 | 27312 | 33600 | 40800 | 46390 | 48200 |
| Yemen | 47156 | 66734 | 113195 | 144103 | 176763 | 179768 |
| Arab Group | 1759239 | 2459106 | 2906420 | 3439363 | 3921959 | 4133107 |
| Afghanistan | 12320 | 13200 | 32320 | 28000 | 23968 | 28850 |
| Albania | 3900 | 4000 | 9000 | 17000 | 12905 | 15587 |
| Azerbaijan | 14300 | 17188 | 34664 | 64470 | 97211 | 109121 |
| Bangladesh | 117481 | 129900 | 168000 | 203200 | 235500 | 254433 |
| Brunei Darussalam | 4241 | 11904 | 15635 | 203200 | 23550 | 25300 |
| | | | | | | |
| Guyana | 7318 | 11800 | 22699 | 24900 | 30678 | 46322 |
| Indonesia | 875700 | 817740 | 1147060 | 1565600 | 2065738 | 2588164 |
| Iran | 649850 | 814700 | 1248700 | 1677825 | 2038159 | 2198994 |
| Kazakhstan | 53000 | 33300 | 45700 | 102979 | 136924 | 183236 |
| Kyrgyz Republic | 2662 | 4643 | 5381 | 4064 | 7997 | 8315 |
| Malaysia | 706737 | 714270 | 964000 | 1263563 | 1633408 | 1873037 |
| Maldives | | | | | | |
| Pakistan | 312550 | 331680 | 388680 | 711940 | 1078941 | 1396127 |
| Suriname | 4120 | 4250 | 8143 | 11984 | 9476 | 10877 |
| Tajikistan | 600 | 100 | 200 | 1054 | 1600 | 1733 |
| Turkey | 298203 | 668333 | 983462 | 1478803 | 1964640 | 2229096 |
| Turkmenistan | 4000 | 6000 | 14000 | 19500 | 20390 | 21567 |
| Uzbekistan | 16000 | 16000 | 21300 | 27000 | 52000 | 64731 |
| | | | | | | |
| Asian Group | 3082982 5238839 | 3599008 | 5108944 | 7222792 | 9433087 | 11055490 |
| | 5738830 | 6475123 | 8542573 | 11328579 | 14060876 | 15938379 |
| OIC Total World Total | 55295722 | 68638943 | 81323150 | 99296537 | 116259109 | 127298325 |



Annex 23: Sheep and Goat Meat Production, Tonnes

| Annex 23: Sheep a | 1995 | 2000 | 2005 | 2010 | 2015 | 2019 |
|----------------------|----------|----------|----------|----------|----------|----------|
| Benin | 5765 | 6432 | 7165 | 8177 | 9042 | 9657 |
| Burkina Faso | 33568 | 38913 | 44577 | 51676 | 51597 | 46827 |
| Cameroon | 27718 | 31900 | 32080 | 36609 | 28276 | 33539 |
| Chad | 58692 | 82470 | 116058 | 163614 | 231026 | |
| | | | | | | 284425 |
| Cote d'Ivoire | 10785 | 10391 | 11703 | 12020 | 11560 | 12187 |
| Gabon | 900 | 960 | 1219 | 1004 | 1141 | 1135 |
| Gambia | 839 | 688 | 1405 | 1540 | 1322 | 1297 |
| Guinea | 5772 | 7878 | 10963 | 15412 | 20522 | 24571 |
| Guinea-Bissau | 1430 | 1598 | 1716 | 2348 | 2472 | 2666 |
| Mali | 45023 | 65675 | 83215 | 118435 | 134953 | 167059 |
| Mozambique | 18144 | 25380 | 25188 | 20160 | 24876 | 24846 |
| Niger | 52884 | 31330 | 33481 | 37049 | 45143 | 47994 |
| Nigeria | 222227 | 336624 | 394048 | 458155 | 393663 | 390708 |
| Senegal | 23159 | 23632 | 28239 | 33379 | 40244 | 47721 |
| Sierra Leone | 1330 | 1138 | 1446 | 3505 | 3937 | 3856 |
| Togo | 3268 | 7104 | 9540 | 10781 | 10503 | 10318 |
| Uganda | 25772 | 29920 | 36840 | 42691 | 44651 | 51213 |
| African Group | 537276 | 702033 | 838883 | 1016555 | 1054928 | 1160019 |
| Algeria | 178450 | 176350 | 191283 | 221418 | 330401 | 343639 |
| Bahrain | 8995 | 7101 | 10920 | 16740 | 16870 | 16358 |
| Comoros | 434 | 433 | 453 | 474 | 481 | 482 |
| | | | | | | |
| Djibouti | 4405 | 4534 | 4547 | 4534 | 4626 | 4604 |
| Egypt | 116000 | 124000 | 138000 | 128122 | 125249 | 117499 |
| Iraq | 30554 | 31080 | 30956 | 53600 | 56066 | 55307 |
| Jordan | 12000 | 13468 | 15317 | 17168 | 21547 | 21656 |
| Kuwait | 38171 | 34355 | 44770 | 37106 | 46556 | 43091 |
| Lebanon | 10518 | 8546 | 10972 | 13550 | 10869 | 10529 |
| Libya | 36376 | 30150 | 36600 | 44925 | 45062 | 46823 |
| Mauritania | 21165 | 34200 | 39300 | 43800 | 54688 | 54668 |
| Morocco | 132000 | 147000 | 137000 | 162000 | 185430 | 210888 |
| Oman | 16625 | 17650 | 27550 | 34740 | 40739 | 47884 |
| Palestine | 15320 | 15679 | 27397 | 14795 | 15281 | 14677 |
| Qatar | 10118 | 6494 | 8856 | 10720 | 11419 | 11558 |
| Saudi Arabia | 87536 | 98200 | 105500 | 98300 | 117097 | 121034 |
| Somalia | 57200 | 67600 | 92300 | 81900 | 84204 | 78869 |
| Sudan | 236913 | 383000 | 470000 | 476000 | 369000 | 383000 |
| | | 188770 | 186969 | 166125 | | 175100 |
| Syrian Arab Republic | 136570 | | | | 175100 | |
| Tunisia | 54000 | 63200 | 64000 | 59400 | 59400 | 58649 |
| United Arab Emirates | 50700 | 38420 | 25900 | 45100 | 58229 | 64663 |
| /emen | 37990 | 46840 | 46345 | 69330 | 127624 | 124670 |
| Arab Group | 1292040 | 1537070 | 1714935 | 1799847 | 1955938 | 2005648 |
| Afghanistan | 133600 | 169700 | 133500 | 157200 | 153770 | 160533 |
| Albania | 18300 | 19500 | 20900 | 21000 | 26251 | 31434 |
| Azerbaijan | 23000 | 34984 | 41894 | 74280 | 70940 | 80800 |
| Bangladesh | 107000 | 131600 | 158400 | 194996 | 212450 | 228057 |
| Brunei Darussalam | 50 | 39 | 66 | 69 | 65 | 60 |
| Guyana | 780 | 780 | 780 | 820 | 834 | 837 |
| Indonesia | 94283 | 78300 | 97931 | 113658 | 109473 | 115533 |
| Iran | 376800 | 435666 | 432000 | 371515 | 429213 | 413681 |
| Kazakhstan | 205800 | 95100 | 106600 | 142944 | 165102 | 170553 |
| Kyrgyz Republic | 54100 | 43105 | 46374 | 50432 | 70965 | 71856 |
| Malaysia | 671 | 888 | 1460 | 2387 | 4407 | 3154 |
| Maldives | 0/1 | 000 | 1400 | 2301 | 4407 | 3134 |
| | 602000 | 467000 | E22000 | 424000 | 402000 | E16000 |
| Pakistan | 683000 | 467000 | 532000 | 434000 | 483000 | 516000 |
| Suriname | 52 | 43 | 35 | 33 | 18 | 20 |
| Tajikistan | 11300 | 12900 | 26900 | 39240 | 54100 | 62738 |
| Turkey | 372000 | 374000 | 315000 | 273900 | 404077 | 432437 |
| Turkmenistan | 49500 | 70500 | 96500 | 120008 | 144219 | 142887 |
| Uzbekistan | 83000 | 79400 | 73600 | 100000 | 191200 | 171442 |
| Asian Group | 2213236 | 2013505 | 2083940 | 2096482 | 2520084 | 2602022 |
| OIC Total | 4042552 | 4252608 | 4637758 | 4912884 | 5530950 | 5767689 |
| World Total | 10563474 | 11620199 | 12828021 | 13690948 | 15106114 | 15765334 |
| ource FAOCTAT | | | | | | |

Annex 24 Total Fisheries Production, Metric Tons

| Area Name | 1995 | 2000 | 2005 | 2010 | 2015 |
|---------------------------|-------------|-------------|-----------|-------------|-------------|
| Benin | 44,379 | 32,324 | 31,847 | 40,155 | 37,747 |
| Burkina Faso | 8,000 | 8,505 | 9,065 | 14,800 | 21,030 |
| Cameroon | 94,188 | 112,159 | 142,747 | 181,570 | 225,955 |
| Chad | 90,000 | 83,200 | 77,000 | 91,030 | 100,154 |
| Côte d'Ivoire | 70,575 | 81,520 | 43,531 | 56,937 | 68,000 |
| Gabon | 40,476 | 48,384 | 43,941 | 32,822 | 33,045 |
| Gambia | 23,699 | 29,021 | 34,960 | 46,649 | 56,003 |
| Guinea | 67,864 | 91,513 | 109,238 | 113,689 | 126,250 |
| Guinea-Bissau | 6,328 | 6,315 | 6,983 | 6,584 | 6,700 |
| Mali | 133,000 | 109,900 | 101,008 | 102,083 | 94,880 |
| Mozambigue | 27,411 | 41,530 | 85,778 | 163,419 | 287,720 |
| Niger | 3,651 | 16,265 | 50,058 | 40,070 | 27,300 |
| Nigeria | 366,101 | 467,095 | 579,537 | 817,516 | 1,027,058 |
| Senegal | 366,372 | 436,109 | 399,902 | 409,795 | 426,650 |
| Sierra Leone | 64,895 | 74,760 | 143,023 | 200,075 | 202,175 |
| Togo | 12,221 | 22,297 | 27,756 | 27,635 | 21,555 |
| Uganda | 208,983 | 220,176 | 427,575 | 508,805 | 513,795 |
| | | | | | |
| African Group | 1628,143 | 1881,073 | 2313,949 | 2853,634 | 2248,959 |
| Algeria | 106,248 | 113,511 | 126,628 | 95,223 | 97,279 |
| Bahrain | 9,393 | 11,730 | 11,858 | 13,493 | 15,006 |
| Comoros | 13,109 | 12,003 | 10,738 | 63,447 | 12,674 |
| Djibouti | 350 | 800 | 1,571 | 1,590 | 2,012 |
| Egypt | 407,117 | 724,408 | 889,302 | 1,304,795 | 1,518,944 |
| raq | 30,808 | 22,512 | 43,949 | 39,668 | 52,099 |
| lordan | 595 | 1,119 | 1,071 | 1,027 | 1,758 |
| Kuwait | 8,706 | 7,354 | 5,222 | 6,683 | 4,549 |
| _ebanon | 4,385 | 4,066 | 4,611 | 4,580 | 4,663 |
| ibya | 34,448 | 50,009 | 37,783 | 50,116 | 26,012 |
| Mauritania | 56,147 | 114,456 | 304,877 | 276,238 | 403,776 |
| Morocco | 858,884 | 916,713 | 1,041,467 | 1,144,394 | 1,371,281 |
| Oman | 139,861 | 120,421 | 157,544 | 164,054 | 257,192 |
| Palestine | 1,229 | 2,623 | 1,824 | 1,979 | 3,503 |
| Qatar | 4,271 | 7,140 | 13,946 | 13,796 | 15,213 |
| Saudi Arabia | 48,388 | 55,084 | 74,796 | 91,519 | 98,130 |
| Somalia | 32,400 | 24,150 | 25,000 | 30,000 | 30,000 |
| Sudan | 45,003 | 54,010 | 60,608 | 73,358 | 74,528 |
| Syrian Arab Republic | 11,639 | 13,369 | 16,980 | 15,247 | 6,600 |
| Tunisia | 84,216 | 96,224 | 111,756 | 98,603 | 133,442 |
| United Arab Emirates | 105,884 | 105,456 | 87,325 | 79,808 | 73,790 |
| /emen | 107,970 | 114,750 | 238,780 | 164,011 | 180,813 |
| Arab Group | 3055,106 | 3371,108 | 2226,169 | 1284,44 | 1493,039 |
| Afghanistan | 1,600 | 1,300 | 1,450 | 2,050 | 2,150 |
| Albania | 1,720 | 3,635 | 6,473 | 7,636 | 9,473 |
| Azerbaijan | 11,061 | 18,937 | 9,501 | 2,081 | 1,129 |
| Bangladesh | 1,109,462 | 1,661,384 | 2,215,957 | 3,035,101 | 3,684,245 |
| Brunei Darussalam | 4,822 | 2,600 | 3,163 | 2,851 | 4,353 |
| ndonesia | 4,388,520 | 5,152,262 | 6,827,210 | 11,700,000 | 22,400,000 |
| ran (Islamic Republic of) | 368,297 | 424,541 | 522,328 | 663,684 | 983,897 |
| (azakhstan | 50,350 | 37,433 | 37,744 | 47,051 | 41,191 |
| Kyrgyzstan | 392 | 110 | 46 | 379 | 1,099 |
| Malaysia | 1,249,960 | 1,461,223 | 1,434,097 | 2,018,700 | 2,003,019 |
| Maldives | 104,754 | 119,373 | 186,274 | 122,804 | 127,352 |
| Pakistan | 540,697 | 626,554 | 515,472 | 594,566 | 644,659 |
| Fajikistan | 384 | 253 | 193 | 1,207 | 1,626 |
| | | | | | |
| Turkey | 652,585 | 582,383 | 546,063 | 653,646 | 670,873 |
| Turkmenistan | 11,409 | 12,296 | 15,026 | 15,026 | 15,030 |
| Uzbekistan | 13,808 | 8,958 | 6,700 | 10,732 | 59,852 |
| Guyana | 48,130 | 49,492 | 53,978 | 45,676 | 36,976 |
| Suriname | 14,301 | 24,583 | 29,862 | 35,156 | 44,827 |
| Asian Group | 2599,534 | 2275,085 | 2173,034 | 2583,166 | 2644,487 |
| OIC | 7282,783 | 7527,266 | 6713,152 | 6721,24 | 6386,485 |
| World | 124928828,2 | 136488432,5 | 151518162 | 166876013,9 | 199741128,6 |

 $Source: World\ Development\ Indicator$



Annex 25: Capture Fisheries Production, Metric Tons

| | ir e i ionerieo | rounction, r | Tetrie rons | | | |
|-----------------------------|---------------------|---------------------------|----------------------------|-------------------------|----------------------------|-------------------|
| Country Name | 1995 | 2000 | 2005 | 2010 | 2015 | 2016 |
| Benin | 44379 | 32324 | 31497 | 39791 | 36477 | 49806 |
| Burkina Faso | 8000 | 8500 | 9000 | 14520 | 20750 | 22070 |
| Cameroon | 94131 | 112109 | 142345 | 181000 | 224000 | 233190 |
| Chad | 90000 | 83200 | 77000 | 91000 | 100000 | 110000 |
| Cote d'Ivoire | 70189 | 80323 | 42665 | 55237 | 64000 | 67500 |
| Gabon | 40437 | 47826 | 43863 | 32692 | 33000 | 31000 |
| Gambia, The | 23699 | 29016 | 34955 | 46624 | 55968 | 58261 |
| Guinea | 67860 | 91513 | 109138 | 113504 | 126000 | 128000 |
| Guinea-Bissau | 6328 | 6315 | 6983 | 6584 | 6700 | 6700 |
| Mali | 132900 | 109870 | 100000 | 100000 | 92480 | 102486 |
| Mozambique | 27375 | 41530 | 83996 | 162555 | 286587 | 299591 |
| Niger | 3616 | 16250 | 50018 | 40000 | 27000 | 34592 |
| Nigeria | 349482 366312 | 441377 436005 | 523182 399848 | 616981 409715 | 710331 425437 | 734731 474162 |
| Senegal | | | | | | |
| Sierra Leone | 64870 | 74730 | 142993 | 200000 | 202100 | 202100 |
| Togo | 12201 | 22277 | 27706 | 27535 | 21497 | 31891 |
| Uganda | 208789 | 219356 | 416758 | 413805 | 396205 | 389244 |
| African Group | 94739.29412 | 108971.8235 | 131879.2353 | 150090.7647 | 166384.2353 | 175019.0588 |
| • | | | | 93464 | 95946 | 95000 |
| Algeria | 105878.7 | 113159.9 | 126260.3 | | | |
| Bahrain | 9389 | 11718 | 11855 | 13490 | 15000 | 15000 |
| Comoros | 13109 | 12003 | 10738 | 63447 | 12674 | 16407 |
| Djibouti | 350 | 800 | 1571 | 1590 | 2012 | 2220 |
| Egypt, Arab Rep. | 335301.5 | 384315 | 349554 | 385210 | 344113 | 335614 |
| Iraq | 28208 | 20767 | 26008 | 19348 | 27296 | 28000 |
| Jordan | 425 | 550 | 510 | 486 | 873 | 873 |
| Kuwait | 8616 | 6978 | 4895 | 6373 | 4287 | 5493 |
| Lebanon | 4085 | 3666 | 3798 | 3400 | 3638 | 4291 |
| Libya | 34408 | 49969 | 37395 | 50006 | 26002 | 30002 |
| Mauritania Morocco | 56147 856811.8 | 114456 914824.2 | 304877 1039210 | 276238 1143652 | 403776 1370231 | 609754 1454105 |
| Oman | 139861 | 120421 | 157326 | 163927 | 257022 | 279606 |
| Palestine | 1229 | 2623 | 1814 | 1699 | 3227 | 3306 |
| Qatar | 4271 | 7140 | 13935 | 13760 | 15203 | 14516 |
| Saudi Arabia | 45692 | 49080 | 60421 | 65145 | 68130 | 68082 |
| Somalia | 32400 | 24150 | 25000 | 30000 | 30000 | 30000 |
| Sudan | 44003 | 53010 | 59007.5 | 71358 | 33008 | 33002 |
| Syrian Arab Republic | 5782 | 6572 | 8447 | 6637 | 4100 | 4500 |
| Tunisia | 83255.72 | 94670.83 | 109153.3 | 93178.8 | 119017 | 115063.5 |
| United Arab | 03233.72 | 94070.03 | 109155.5 | 931/0.0 | 119017 | 113003.3 |
| Emirates | 105884 | 105456 | 86735 | 79610 | 73000 | 73000 |
| Yemen, Rep. | 107970 | 114750 | 238400 | 163861 | 180813 | 154450 |
| Arab Group | 91958.03273 | 100503.5877 | 121677.7318 | 124812.7182 | 140425.8182 | 153285.6591 |
| Afghanistan | 1300 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Albania Azerbaijan | 1380.3 | 3328 | 5000 | 5132.2 | 7877.5 | 7885.7 |
| Bangladesh | 10545 792389 | 18797 1004264 | 9001 1333866 | 1081 1726586 | 568 1623837 | 676 1674770 |
| Brunei Darussalam | 4719 | 2487 | 2709 | 2351 | 3370 | 13292 |
| Guyana | 47900 | 48887 | 53370 | 45188 | 36558 | 42142 |
| Indonesia | 3645428 | 4158535 | 4703117 | 5390461 | 6739658 | 6584419 |
| Iran, Islamic Rep. | 339661 | 383991 | 410567 | 443650 | 637779 | 695407 |
| Kazakhstan | 48402 | 36620 | 37621 | 46827 | 40461 | 41335 |
| Kyrgyz Republic Malaysia | 185 1117215 | 52 1293325 | 26 1218263 | 27 1437457 | 31 1496054 | 89 1584371 |
| Maldives | 104754 | 119373 | 186274 | 122804 | 127352 | 129191 |
| Pakistan | 525849 | 614069 | 434850 | 454465 | 493485 | 513156 |
| Suriname | 14300 | 24238 | 29620 | 35085 | 44705 | 47013 |
| Tajikistan | 100 | 167 | 167 | 690 | 1176 | 1100 |
| Turkey | 630978 | 503352 | 426496 | 485925 | 431909 | 335326 |
| Turkmenistan | 9740 | 12228 | 15000 | 15000 | 15000 | 15000 |
| Uzbekistan Asian Croup | 3611 405469.7944 | 3306 | 2900 | 4078 | 22956 | 27267 |
| Asian Group World Total | 93696571.98 | 457112.1667 94763862.7 | 492769.2778 93697962.79 | 567655.9556 88855994 | 651320.9167 93736944.84 | 650746.65 |
| World Total | 73070371.70 | 74703004.7 | 73077702.77 | 00033774 | 73730744.04 | |

World Total 93696571.98 Source: World Development Indicator

Annex 26: Fish and Fisheries Apparent Consumption , Average 2011-2013

| Annex 26: Fish and | | | | | | |
|----------------------------|-------------------|---------------|---------------------|-------------------|-------------------|-------------------|
| Area Name | Production | Non-Food Uses | Imports | Exports | Food Supply | Per Capita Supply |
| Danin | Tonnes | Tonnes | Tonnes | Tonnes | Tonnes | Kg/Year |
| Benin Burking Face | 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 Chad | 137,730 60,000 | 0 | 213,964 842 | 2,862 104 | 348,832 60,738 | 16.1 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 | | 107,831 | 9.4 |
| | | 0 | 780 | 10,281 4,679 | | 1.6 |
| Guinea-Bissau Mali | 6,550 94,664 | 7,047 | 24,954 | 1,024 | 2,690 | 9.3 |
| Mozambique | | | | | 111,547 | 9.3 |
| Niger | 210,204 53,258 | 0 | 38,617 3,261 | 13,244 1,962 | 235,576 54,557 | 3.2 |
| Nigeria | 926,442 | 0 | | | | 14.0 |
| | 453,027 | 0 | 1,417,370 12,416 | 51,005 137,793 | 2,355,307 | 23.9 |
| Senegal | | | | | 327,652 | |
| Sierra Leone | 202,878 | 0 | 1,947 | 5,868 | 198,958 | 33.3 |
| Togo | 24,142 | | 56,526 | 946 | 79,723 | 12.0 |
| Uganda African Croun | 514,661 | 7.048 | 2,336 | 47,878 | 469,120 | 12.9 |
| African Group | 3,011,046 | 7,048 | 2,313,621 | 349,621 | 5,030,545 | 13.0 |
| Algeria | 104,816 | 59 | 50,533 | 1,538 | 153,751 | 4.0 |
| Bahrain | 9,918 | 27.750 | 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 |
| Arab Group | 3,748,138 | 414,096 | 1,517,403 | 967,899 | 3,942,795 | 10.8 |
| 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 | 1 205 044 | 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 |
| Asian Group | 16,324,634 | 1,095,845 | 1,030,217 | 2,243,915 | 14,046,575 | 16.2 |
| 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 27: Agricultural Land Productivity (Agr. GDP at 2010 constant prices /Arable Land)
(US Dollars/ba.)

| (US Dollars/ha.) Country Name | 1995 | 2000 | 2005 | 2010 | 2015 | 2018 |
|-------------------------------|---|---------------|---|-------------|----------------|-------------|
| Benin | 465,0670123 | 460,8740361 | 502,1680407 | 623,9250921 | 632,3283837 | 1353,988273 |
| Burkina Faso | 420,4483879 | 513,0768143 | 490,5638745 | 487,017366 | 550,2943472 | 1000,000270 |
| Cameroon | 363,1691584 | 457,9861419 | 536,485575 | 593,1972118 | 754,9694602 | 860,8539065 |
| Chad | 505,1051501 | 157,5001125 | 330,103373 | 1230,269231 | 1337,97023 | 1272,083456 |
| Cote d'Ivoire | | | | 2104,836679 | 2733,336931 | 2364,638009 |
| Gabon | 1529,331055 | 1712,327935 | 1927,292006 | 1729,416114 | 2297,852665 | 3154,366837 |
| Gambia | 701,5863351 | 676,1269071 | 645,7216677 | 612,3855644 | 428,2407045 | 811,1719386 |
| Guinea | 233,8040369 | 379,3848315 | 355,5207563 | 413,2156348 | 503,8460155 | 632,6737545 |
| Guinea-Bissau | | 994,9489 | 1251,120468 | 1276,06706 | 1394,85741 | 1474,318477 |
| Mali | 549,9648451 | 446,95822 | 460,4947865 | 563,134413 | 667,9417046 | 785,7311098 |
| Mozambique | 293,1512277 | 345,7823136 | 391,6728848 | 491,4274322 | 568,8257958 | 680,8191326 |
| Niger | | | ,, ,, | 154,8881062 | 170,7090339 | 259,3464976 |
| Nigeria | 804,3557995 | 920,2614988 | 1758,91147 | 2630,913212 | 3121,684555 | 3433,205882 |
| Senegal | 510,0004079 | 528,9441445 | 592,7898263 | 675,8106521 | 851,2340756 | 1081,612514 |
| Sierra Leone | 1292,196295 | 1929,893086 | 672,5598286 | 863,6379952 | 1020,154076 | 1155,295751 |
| Togo | 378,32227 | 395,4562932 | 558,0220562 | 400,2612252 | 486,1087253 | 534,9748743 |
| Uganda | 699,2140743 | 754,3573821 | 821,6530287 | 784,5979009 | 852,3504387 | 1492,999104 |
| African Group | 485,2370818 | 561,959937 | 877,1783939 | 1270,087794 | 1490,473846 | 1651,746946 |
| Algeria | | 916,1499789 | 1342,026698 | 1819,391329 | 2572,515981 | 27613,77289 |
| Bahrain | | | , | 47839,09491 | 54321,80732 | 59757,31375 |
| Comoros | 2810,500446 | 3302,488215 | 3700,735185 | 4244,645938 | 4423,372769 | 4735,021788 |
| Djibouti | | | | | | |
| Egypt, Arab Rep. | 6233,281756 | 7475,971486 | 9646,827591 | 10164,0669 | 11781,50112 | 12729,04145 |
| Iraq | 1376,091328 | 1765,205549 | 1801,419825 | 1787,656496 | 1074,285285 | 461,0327434 |
| Jordan | 2327,517425 | 2460,9404 | 4003,811676 | 6258,020849 | 5001,307234 | 6357,609975 |
| Kuwait | | | | 52128,4019 | 76090,93812 | 77852,4075 |
| Lebanon | 6422,436444 | 10697,52497 | 9927,898746 | 12965.3344 | 11454,17239 | 14138,10105 |
| Libya | 0.22,.00 | 10037,02137 | 3327,0307 10 | 12303,3311 | 11 15 1,17 205 | 11230,10103 |
| Mauritania | 1437,454942 | 1337,228338 | 1743,088903 | 1956,178016 | 2203,134493 | 2723,80325 |
| Morocco | 532,4555633 | 689,276422 | 1032,066025 | 1561,012354 | 1872,155537 | 2068,086106 |
| Oman | 0 | 20369,98194 | 23778,56211 | 23632,00149 | 24531,89952 | 25146,0776 |
| Palestine | 5021,191045 | 5219,460284 | 3565,451828 | 11389,01582 | 7816,470846 | 4242,297621 |
| Qatar | 0 | 6580,087615 | 7331,486655 | 10744,89999 | 15168,42007 | 258,0875692 |
| Saudi Arabia | 2776,981902 | 311,3946442 | 3435,299055 | 4385,57652 | 4564,954827 | 4703,108889 |
| Somalia | | 022,00 10 112 | 0.00,20000 | | | |
| Sudan | | | | | 1000,459026 | 1256,737823 |
| Syrian Arab Rep. | | | | | | |
| Tunisia | 672,8186925 | 998,2527514 | 1132,972897 | 1175,720249 | 1515,496212 | 1722,379102 |
| United Arab Emr. | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 43723,1116 | 54946,60045 | 64515,5273 |
| Yemen | 909,3152376 | 1249,112014 | 1611,294706 | 1954,039478 | 1690,501518 | 1561,363783 |
| Arab Group | 1339,293073 | 1867,533578 | 2218,298692 | 2777,503083 | 2098,480118 | 2244,945973 |
| Afghanistan | | | 424,8358981 | 533,301566 | 551,12061 | 616,0334015 |
| Albania | 2536,024549 | 2581,388209 | 3199,98255 | 3421,064679 | 3995,013287 | 4184,771501 |
| Azerbaijan | 820,1994236 | 1011,617643 | 1411,805215 | 1556,831867 | 1859,14821 | 1920,321019 |
| Bangladesh | 1236,490691 | 1552,927689 | 1916,805771 | 2515,569877 | 3013,940881 | 3306,458296 |
| Brunei Darussalam | 28999,1565 | 40199,083 | 56513,2745 | 25119,1785 | 23322,3322 | 21770,429 |
| Guyana | 799,4341729 | 914,08096 | 942,3628952 | 1016,146519 | 1242,89159 | 955,463681 |
| Indonesia | 4033,10284 | 3650,176483 | 3818,297455 | 4456,723379 | 5483,650317 | 5468,403042 |
| Iran | 1258,0197 | 1621,318446 | 1911,409979 | 2056,956107 | 2721,685056 | 0 |
| Kazakhstan | 149,7277007 | 154,6425419 | 215,7741961 | 232,8044477 | 276,7449224 | 308,7501485 |
| Kyrgyz Republic | 364,5685366 | 499,8177795 | 601,1505919 | 655,4864927 | 729,7524184 | 783,156764 |
| Malaysia | 19621,76625 | 22192,16683 | 23742,97782 | 30119,35133 | 35508,496 | 36181,21573 |
| Maldives | 39386,317 | 44761,17133 | 65771,00267 | 37389,98883 | 39633,91236 | 45632,37385 |
| Pakistan | 830,2601905 | 1030,299503 | 1179,132381 | 1405,346576 | 1542,864777 | 1634,07251 |
| Suriname | 5034,124474 | 5135,143579 | 6365,241653 | 7702,139764 | 7366,154015 | 9013,780726 |
| Tajikistan | 566,5182322 | 642,5855306 | 1021,33104 | 1478,019667 | 2092,587016 | 2543,36041 |
| Turkey | 2062,675564 | 2395,006003 | 2619,738341 | 3258,154136 | 4016,039279 | 4378,455717 |
| Turkmenistan | | | | 1320,130222 | | |
| Uzbekistan | 766,2602787 | 866,1318047 | 1190,931448 | 1623,37529 | 2208,555458 | 4819,766113 |
| Asian Group | 1370,964497 | 1574,323409 | 1843,00802 | 2200,585005 | 2618,359001 | 2557,962595 |
| OIC Total | 1094,588823 | 1288,070573 | 1566,062775 | 1948,200609 | 2139,833792 | 2192,740981 |
| World Total | 1095 | 1288 | 1566 | 1770 | 2052 | 2282,81554 |

Annex 28: Agricultural Labor Productivity (2010 US Dollar Per Worker in Agriculture)

| Country Name | 2000 | 2005 | 2010 | 2015 | 2016 | 2017 |
|--|---------------------------------------|------------------|----------------------------|---------------------------------------|-----------------|------------------|
| enin | 848715,7273 | 930323,666 | 991969,0379 | 997888,0335 | 2186931,131 | 848715,7273 |
| urkina Faso | 505117,7961 | 697916,2027 | 1078307,021 | 1842709,054 | 0 | 505117,7961 |
| ameroon | 633552,4571 | 666596,5462 | 800292,1737 | 1032881,119 | 1167932,618 | 633552,4571 |
| had | 0 | 0 | 1798463,938 | 2018116,767 | 1536488,854 | 0 |
| ote d'Ivoire | 0 | 0 | 1803896,912 | 2009093,4 | 2594323,485 | 0 |
| Gabon | 4822414,029 | 4799769,368 | 3774749,747 | 4214458,899 | 5815495,584 | 4822414,029 |
| Sambia, The | 1451806,242 | 1422776,557 | 1701071,014 | 1041027,129 | 1672018,804 | 1451806,242 |
| Guinea | 424148,3732 | 477921,7232 | 537896,284 | 643295,9837 | 772520,7001 | 424148,3732 |
| | 891797,6397 | 924798,6579 | 894230,5976 | 860845,9643 | 829772,4464 | 891797,6397 |
| Guinea-Bissau | · · · · · · · · · · · · · · · · · · · | | | | | 713115,7431 |
| Mali | 713115,7431 | 851479,2057 | 996998,2358 | 1155501,84 | 1242743,807 | |
| Mozambique | 202021,0362 | 266426,0151 | 356848,2666 | 396837,2389 | 433535,9924 | 202021,0362 |
| Niger | 0 | 0 | 466084,1776 | 525682,1925 | 766899,371 | 0 |
| Nigeria | 1661336,039 | 3131748,005 | 4104194,762 | 5508845,567 | 6186939,761 | 1661336,039 |
| Senegal | 1443483,487 | 1517907,108 | 2158595,006 | 2328957,799 | 2979187,452 | 1443483,487 |
| iierra Leone | 850326,0613 | 735637,9345 | 1004693,574 | 1206543,76 | 1356313,927 | 850326,0613 |
| Togo | 965186,6972 | 1012569,186 | 788344,7671 | 987192,9819 | 1071941,41 | 965186,6972 |
| Jganda | 702122,1442 | 741193,0929 | 701889,3407 | 586053,0356 | 910672,2987 | 702122,1442 |
| African Group | 462094,3444 | 1355013,683 | 1904577,24 | 2251828,024 | 2422109,47 | 462094,3444 |
| Algeria | 5068626,715 | 6463586,104 | 11543533,28 | 17794189,61 | 19800922,94 | 5068626,715 |
| Bahrain | 0 | 0 | 9940591,323 | 10471673,93 | 9859818,262 | 0 |
| Comoros | 3111039,624 | 3079997,281 | 3138816,681 | 2918976,96 | 0 | 3111039,624 |
| Djibouti | 0 | 0 | 0 | 0 | 0 | 0 |
| gypt, Arab Rep. | 3873940,158 | 3863856,714 | 4129035,406 | 5091517,6 | 0 | 3873940,158 |
| raq | 5334519,607 | 6255765,387 | 4895677,107 | 3273064,668 | 1464348,662 | 5334519,607 |
| ordan | 9969694,602 | 15054982,94 | 18998710,11 | 16936075,61 | 0 | 9969694,602 |
| Cuwait | 0 | 0 | 13332072,11 | 12257326,56 | 12267003,73 | 0 |
| ebanon | 6565084,305 | 5661099,485 | 6257612,711 | 5039835,853 | 7872407,34 | 6565084,305 |
| ibya | 0303084,303 | 0 | 0 | 0 | 0 | 0 |
| | 1554101,998 | | | 1857965,746 | | 1554101,998 |
| Mauritania | | 1543239,401 | 1812394,704 | · · · · · · · · · · · · · · · · · · · | 1908403,176 | |
| Morocco | 1620511,234 | 1950901,914 | 2844839,31 | 3823508,973 | 3885772,956 | 1620511,234 |
| Oman | 13266164,72 | 9338004,767 | 11816000,49 | 11476088,57 | 15940265,95 | 13266164,72 |
| Palestine | 6169002,889 | 3874640,305 | 5800699,301 | 5015568,768 | 0 | 6169002,889 |
| Qatar | 9832314,889 | 5486790,25 | 7161527,793 | 9669867,947 | 11899423,61 | 9832314,889 |
| Saudi Arabia | 3010846,735 | 38898565,81 | 35842028,61 | 20979315,7 | 50341005,6 | 3010846,735 |
| iomalia | 0 | 0 | 0 | 0 | 0 | 0 |
| Gudan | 3826468,461 | 3824838,682 | 4068843,206 | 5222864,084 | 5961372,377 | 3826468,461 |
| Syrian Arab Republic | 0 | 0 | 0 | 0 | 0 | 0 |
| Tunisia | 5083563,087 | 5640072,956 | 5585759,449 | 8947351,413 | 0 | 5083563,087 |
| Jnited Arab Emirates | 0 | 0 | 10786881,43 | 18857159,51 | 29744011,59 | 0 |
| 'emen, Rep. | 1314809,961 | 1733748,254 | 2296881,514 | 1427529,532 | 0 | 1314809,961 |
| Arab Group | 3325058,443 | 3643909,897 | 4291447,897 | 5017028,336 | 3548121,754 | 3325058,443 |
| Afghanistan | 0 | 927353,2232 | 1196906,691 | 1117058,611 | 1251883,505 | 0 |
| Ilbania | 2580049,084 | 3348746,571 | 4773933,325 | 5537026,983 | 6078147,09 | 2580049,084 |
| Azerbaijan | 1446095,183 | 1804603,301 | 1829606,639 | 2143944,312 | 2493909,841 | 1446095,183 |
| Bangladesh | 445123,8093 | 590497,2179 | 750561,2286 | 895786,5806 | 1032095,678 | 445123,8093 |
| Brunei Darussalam | 44665648,04 | 70641593,33 | 83730595,28 | 83294043,69 | 39745894,25 | 44665648,04 |
| | | | | | | |
| Buyana | 9812,29786 | 9637,559837 | 9992,84779 | 13272,78033 | 11073,01427 | 9812,29786 |
| ndonesia | 17982029,15 | 16636536,04 | 26325600,51 | 31681814,98 | 33584134,11 | 17982029,15 |
| ran, Islamic Rep. | 9883003,098 | 13125660,9 | 13678082,65 | 25563335,95 | 0 | 9883003,098 |
| Cazakhstan | 4615448,722 | 7666385,731 | 9279761,533 | 11789734,78 | 18033637,53 | 4615448,722 |
| yrgyz Republic | 399359,4424 | 500504,0595 | 495751,9439 | 529339,0986 | 659178,3365 | 399359,4424 |
| 1alaysia | 1140729917 | 1094263104 | 1237065455 | 1302467411 | 1289474594 | 1140729917 |
| // Aldives | 7398,540725 | 9337,697058 | 5870,36179 | 5768,633403 | 0 | 7398,540725 |
| akistan | 41270482,1 | 41336769,63 | 42765723,6 | 47987609,18 | 50890582,94 | 41270482,1 |
| | 37179,51714 | 60892,37646 | 79320,24263 | 87772,68771 | 111564,0866 | 37179,51714 |
| uriname | 1046504,065 | 1480274,933 | 2044238,482 | 2910801,301 | 0 | 1046504,065 |
| | 10-030-,003 | | | 22866358,95 | 25928070,64 | 16784837,78 |
| ajikistan | 16784837,78 | 16630268,43 | 18595662,33 | 22000550,55 | 23328070,04 | |
| Guriname Fajikistan Furkey Furkmenistan | 16784837,78 | 16630268,43 0 | | | 0 | 0 |
| ajikistan Turkey Turkmenistan | 16784837,78 0 | 0 | 49062310,95 | 0 | 0 | 0 |
| Tajikistan Turkey Turkmenistan Uzbekistan | 16784837,78 0 416767723,2 | 0 393992358,8 | 49062310,95 519241361,3 | 0 679555525,5 | 0 1330379698 | 0 416767723,2 |
| 「ajikistan | 16784837,78 0 | 0 | 49062310,95 | 0 | 0 | 0 |

 $Source: World\ Development\ Indicator$

Annex 29. Wheat Yield, Tonnes/Ha

| Country Name | 1995 | 2000 | 2005 | 2010 | 2015 | 2018 |
|----------------------|-------------|-------------|-------------|-------------|-------------|--------|
| Benin | 1.1737 | 1.1481 | 1.1447 | 1.1028 | 1.2813 | 1.3848 |
| Burkina Faso | | | | | | |
| Cameroon | 1.3198 | 1.3362 | 1.3418 | 1.3846 | 1.3248 | 1.3273 |
| Chad | 0.9996 | 1.4336 | 1.5 | 2.5007 | 1.4006 | 2,244 |
| Cote d'Ivoire | | | | | | |
| Gabon | | | | | | |
| Gambia, The | | | | | | |
| Guinea | | | | | | |
| Guinea-Bissau | | | | | | |
| Mali | 2.104 | 2.3515 | 2.2001 | 2.5543 | 3.9401 | 3,5419 |
| Mozambique | 1.1401 | 1 | 1.1071 | 1.3367 | 1.0787 | 1,1612 |
| Niger | 3.4444 | 2.0049 | 1.7443 | 1.9909 | 2.0664 | 2,9615 |
| Nigeria | 2.18 | 1.4038 | 1.1 | 1.4844 | 1 | 0,7895 |
| Senegal | | | | | | |
| Sierra Leone | | | | | | |
| Togo | | | | | | |
| Uganda | 1.8 | 1.7143 | 1.6667 | 1.6667 | 1.5998 | 1,5383 |
| African Group | 0,83 | 0,73 | 0,69 | 0,82 | 0,81 | 0,88 |
| Algeria | 0,8924 | 0,9194 | 1,5057 | 1,4838 | 1,464 | 1,9076 |
| Bahrain | | | | | | |
| Comoros | | | | | | |
| Djibouti | | | | | | |
| Egypt, Arab Rep. | 5.4221 | 6.3422 | 6.4929 | 5.5741 | 6.5919 | 6,6895 |
| Iraq | 0.8052 | 0.32 | 0.8738 | 1.9872 | 2.8617 | 2,7205 |
| lordan | 1.4414 | 1.3971 | 1.1731 | 1.0307 | 0.9852 | 1,1451 |
| Kuwait | 3.3636 | 2.3856 | 4.8019 | 2.3478 | 3.75 | 3 |
| Lebanon | 2.4765 | 2.7025 | 2.903 | 2.7815 | 3.4771 | 3,3671 |
| Libya | 0.7313 | 0.7784 | 0.7576 | 0.7772 | 0.7838 | 0,7728 |
| Mauritania | 1.2893 | 1.5464 | 2 | 2.082 | 2.0143 | 2,1566 |
| Morocco | 0.5543 | 0.4758 | 1.0261 | 1.7095 | 2.4664 | 2,5752 |
| Oman | 2.3684 | 3.1896 | 3.1919 | 4.1264 | 2.9882 | 3,8525 |
| Palestine | 1.915 | 2.4656 | 2.0898 | 1.7892 | 1.9834 | 2,2168 |
| Qatar | 2.2969 | 2.3056 | 2.3333 | 2.25 | | 2,5 |
| Saudi Arabia | 4.472 | 4.264 | 5.4175 | 6.1474 | 6.142 | 6,5334 |
| Somalia | 0.3708 | 0.3692 | 0.3871 | 0.3868 | 0.3955 | 0.3983 |
| Sudan | 1.6113 | 2.3266 | 2.4615 | 1.7935 | 3.4393 | 2,6327 |
| Syrian Arab Republic | 2.5457 | 1.8498 | 2.4523 | 1.928 | 2.0593 | 2 |
| Tunisia | 1.278 | 1.1727 | 1.6918 | 1.8923 | 1.3985 | 1,7711 |
| United Arab Emirates | 1.7419 | 6.5 | 2 | 5.9184 | 3.2967 | 3.324 |
| Yemen, Rep. | 1.6831 | 1.6246 | 1.3134 | 1.7843 | 1.6692 | 1,6349 |
| Arab Group | 1,69 | 1,95 | 2,04 | 2,17 | 2,17 | 2,33 |
| Afghanistan | 1,0895 | 0,724 | 1,8215 | 1,9252 | 2,1959 | 2,21 |
| Albania | 2,8703 | 3,0455 | 3,1582 | 3,9905 | 3,9511 | 3,6927 |
| Azerbaijan | 1,494 | 2,3223 | 2,5818 | 1,9381 | 3,0385 | 2,9383 |
| Bangladesh | 1,9483 | 2,2104 | 1,7478 | 2,3959 | 3,086 | 3,1301 |
| Brunei Darussalam | | | | | | |
| Guyana | | | | | | |
| Indonesia | | | | | | |
| ran | 1.7096 | 1.5856 | 2.0585 | 1.8337 | 2.0159 | 2,1642 |
| Kazakhstan | 0.5748 | 0.9028 | 0.948 | 0.7336 | 1.1882 | 1,2281 |
| Kyrgyz Republic | 1.7175 | 2.342 | 2.241 | 2.1674 | 2.3701 | 2,4268 |
| Malaysia | | | | | | |
| Maldives | | | | | | |
| Pakistan | 2.0811 | 2.4907 | 2.5858 | 2.5528 | 2.7256 | 2,8505 |
| Suriname | | | | | | |
| Tajikistan | 0.8882 | 1.1839 | 1.9603 | 3.0159 | 3.032 | 3,0483 |
| Turkey | 1.9315 | 2.2928 | 2.3309 | 2.44 | 2.8803 | 2,744 |
| Turkmenistan | 1.5904 | 2.4143 | 3.1489 | 1.7 | 0.8727 | 1,0678 |
| Uzbekistan | 2.1421 | 2.7174 | 4.2073 | 4.6 | 4.8175 | 4,126 |
| Asian Group | 1,11 | 1,35 | 1,60 | 1,63 | 1,79 | 1,76 |
| OIC Mean | 1,213272876 | 1,342255239 | 1,444502248 | 1,541480768 | 1,588010665 | 1,65 |
| | | | 2.8287 | 2.9716 | 3.3583 | 3.4254 |

Annex 30: Maize Yield. Tonnes/Ha.

| Country Name | 1995 | 2000 | 2005 | 2010 | 2015 | 2018 |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Benin | 1,1737 | 1,1481 | 1,1447 | 1,1028 | 1,2813 | 1,304 |
| Burkina Faso | 1,1441 | 1,7543 | 1,8058 | 1,4342 | 1,792 | 1,6681 |
| Cameroon | 1,545 | 2,4615 | 2,1334 | 1,9741 | 1,7406 | 1,7817 |
| Chad | 0.88 | 0.75 | 1.09 | 0.82 | 1.15 | 1,2809 |
| Cote d'Ivoire | 1.54 | 2.03 | 2.11 | 1.98 | 1.98 | 2,1262 |
| Gabon | 1.55 | 1.62 | 1.55 | 1.57 | 1.57 | 1,5706 |
| Gambia | 1.29 | 1.61 | 1.05 | 1.25 | 0.89 | 0,8854 |
| Guinea | 1.20 | 1.42 | 1.54 | 1.63 | 1.25 | 1,3386 |
| Guinea-Bissau | 1.00 | 0.99 | 1.08 | 1.05 | 1.05 | 1,0485 |
| Mali | 1.28 | 1.33 | 1.49 | 2.69 | 2.53 | 3,2114 |
| Mozambique | 0.68 | 0.94 | 0.50 | 1.20 | 0.80 | 0,9056 |
| • | | | | | | |
| Niger | 1.26 | 0.62 | 0.83 | 0.79 | 1.22 | 1,4632 |
| Nigeria | 1.27 | 1.30 | 1.66 | 1.85 | 1.56 | 0,8553 |
| Senegal | 1.09 | 1.11 | 2.80 | 1.54 | 1.53 | 1,4704 |
| Sierra Leone | 1.01 | 0.93 | 0.98 | 1.45 | 0.61 | 2,1438 |
| Годо | 0.86 | 1.20 | 1.16 | 1.19 | 1.39 | 1,2396 |
| Jganda | 1.60 | 1.74 | 1.59 | 2.30 | 2.35 | 2,6208 |
| rican Group | 34 |)229412 | 1994118 | 3888235 | 2582353 | 3182353 |
| Algeria | 1,6115 | 3,6186 | 3,3864 | 2,5827 | 3,9242 | 1,8407 |
| Bahrain | | | | | | |
| Comoros | 2.27 | 2.20 | 2.14 | 2.09 | 2.03 | 2,0211 |
| Ojibouti | 1.67 | 1.83 | 1.50 | 1.85 | 1.90 | 2,1047 |
| gypt | 6.16 | 7.68 | 8.16 | 7.27 | 7.35 | 7,801 |
| raq | 1.43 | 0.76 | 2.31 | 2.36 | 3.18 | 3,5245 |
| lordan | 12.65 | 14.56 | 23.32 | 19.39 | 28.04 | 21,2206 |
| Kuwait | 18.60 | 20.56 | 19.73 | 19.73 | 8.47 | 17,5972 |
| _ebanon | 2.33 | 3.89 | 3.78 | 3.66 | 3.34 | 3,7859 |
| ibya | 1.37 | 2.89 | 2.40 | 1.93 | 2.32 | 2,2274 |
| Mauritania | 0.80 | 0.91 | 0.82 | 0.86 | 0.65 | 0,6886 |
| Morocco | 0.13 | 0.40 | 0.20 | 1.21 | 0.75 | 0,799 |
| Oman | 7.34 | 7.49 | 7.64 | 7.78 | 11.96 | 8,6033 |
| Palestine | 7.54 | 7.43 | 7.04 | 7.70 | 11.50 | 0,0033 |
| Qatar | 12.58 | 12.52 | 12.48 | 20.76 | 12.50 | 12,5235 |
| | | | | | | |
| Saudi Arabia | 1.95 | 6.28 | 3.73 | 5.31 | 5.31 | 6,23 |
| Somalia | 0.83 | 1.46 | 1.18 | 1.51 | 0.56 | 1,4929 |
| Sudan | 0.57 | 0.74 | 1.00 | 1.32 | 1.24 | 1,2725 |
| Syrian Arab Republic | 3.60 | 3.44 | 3.68 | 3.51 | 3.18 | 3,0256 |
| Tunisia | | | | | | |
| United Arab Emirates | 19.05 | 21.03 | 22.52 | 18.56 | 35.29 | 28,4664 |
| /emen | 1.36 | 1.48 | 0.81 | 1.68 | 1.14 | 1,1546 |
| Arab Group | 5,0685 | 5,986242105 | 6,357178947 | 6,492773684 | 7,007063158 | 6,651552632 |
| Afghanistan | 1,6563 | 1,1979 | 1,2069 | 1,6448 | 2,1457 | 1,4727 |
| Albania | 3,13 | 3,8811 | 4,5442 | 6,679 | 6,9597 | 7,2273 |
| Azerbaijan | 1,181 | 3,2484 | 4,7703 | 4,5551 | 5,97 | 7,8177 |
| Bangladesh | 1,07 | 2,0597 | 5,3311 | 5,8378 | 6,9841 | 8,2104 |
| Brunei Darussalam | | | | | | |
| Guyana | 1.33 | 1.24 | 1.25 | 1.37 | 1.37 | 1,371 |
| ndonesia | 2.26 | 2.76 | 3.45 | 4.44 | 5.18 | 5,3261 |
| ran | 6.10 | 6.17 | 7.22 | 6.90 | 7.03 | 6,9588 |
| Kazakhstan | 1.93 | 3.34 | 4.15 | 4.83 | 5.33 | 5,7449 |
| Cyrgyz Republic | 3.21 | 5.75 | 6.06 | 6.06 | 6.27 | 6,5949 |
| Malaysia | 1.87 | 2.41 | 3.00 | 5.54 | 6.23 | 7,4594 |
| Maldives | 1.00 | 2.38 | 3.33 | 4.55 | 3.33 | 5,1004 |
| | | | | | | |
| Pakistan | 1.69 | 1.71 | 2.98 | 3.81 | 4.42 | 4,7863 |
| Suriname | 2.26 | 1.90 | 1.84 | 2.33 | 2.34 | 2,5 |
| Гаjikistan - | 1.94 | 2.70 | 4.05 | 12.05 | 10.58 | 14,8868 |
| Гurkey | 3.73 | 4.16 | 7.00 | 7.26 | 9.33 | 9,6358 |
| Turkmenistan | 3.47 | 0.97 | 0.94 | 1.70 | 1.37 | 1,2989 |
| Uzbekistan | 3.51 | 2.65 | 4.89 | 8.18 | 11.78 | 10,3776 |
| Asian Group | 2,431605882 | 2,854535294 | 3,883088235 | 5,160982353 | 5,6835 | 6,280529412 |
| OIC Mean | 2,899501961 | 3,39700227 | 3,8940871 | 4,390881424 | 4,714381837 | 4,838421465 |
| World Total | 3.81 | 4.32 | 4.82 | 5.19 | 5.52 | 5.9237 |



Annex 31: Seed cotton Yield, Tonnes/Ha.

| Country Name | 1995 | 2000 | 2005 | 2010 | 2015 | 2018 |
|---|--|---|--|---|---|--|
| Benin | 1,3297 | 1,0645 | 0,9982 | 0,9991 | 0,8775 | 1,2633 |
| Burkina Faso | 1,0346 | 1,0164 | 1,1463 | 1,1444 | 1,3784 | 1,0186 |
| Cameroon | 1.03 | 1.03 | 1.36 | 1.31 | 1.11 | 1,0872 |
| Chad | 0.76 | 0.64 | 0.70 | 0.35 | 0.93 | 1.00 |
| Cote d'Ivoire | 1.03 | 1.38 | 1.12 | 0.93 | 1.12 | 0,8545 |
| Gabon | | | | | | |
| Gambia | 0.42 | 0.51 | 0.39 | 0.38 | 0.36 | 0,3482 |
| Guinea | 1.18 | 1.25 | 1.15 | 0.97 | 0.98 | 0,9328 |
| Guinea-Bissau | 1.21 | 1.24 | 1.31 | 1.40 | 1.075 | 1,1308 |
| Mali | 1.21 | 1.07 | 0.97 | 0.97 | 0.94 | 1,2979 |
| Mozambique | 0.60 | 0.33 | 0.47 | 0.48 | 0.41 | 0,5169 |
| Niger | 1.17 | 1,00 | 1.00 | 1.00 | 1.04 | 0,6979 |
| Nigeria | 0.58 | 0.74 | 0.79 | 1.51 | 0.69 | 0.91 |
| Senegal | 0.90 | 0.92 | 1.18 | 0.94 | 1.01 | 1,1153 |
| Sierra Leone | | | | | | |
| Togo | 1.06 | 0.83 | 0.79 | 0.71 | 0.72 | 0,7071 |
| Uganda | 0.33 | 0.30 | 0.57 | 1.04 | 1.12 | 1,37 |
| African Group | 0,814370588 | 0,783582353 | 0,820264706 | 0,831382353 | 0,809464706 | 0,838264706 |
| Algeria | 0,4988 | 0,4455 | 0,3923 | 0,31 | 0,3077 | 0,3077 |
| Bahrain | | | | | | |
| Comoros | | | | | | |
| Djibouti | | | | | | |
| Egypt, Arab Rep. | 2.14 | 2.54 | 2.04 | 24350 | 31632 | 2,2213 |
| Iraq | 1.22 | 1.67 | 1.07 | 22011 | 16724 | 1,9014 |
| Jordan | | | | | | |
| Kuwait | | | | | | |
| Lebanon | | | | | | |
| Libya | | | | | | |
| Mauritania | | | | | | |
| Morocco | 1.28 | 2.30 | 1.82 | 2.08 | 2.07 | 2,0899 |
| Oman | | | | | | |
| Palestine | | | | | | |
| Qatar | | | | | | |
| Saudi Arabia | | | | | | |
| Somalia | 0.41 | 0.40 | 0.40 | 0.40 | 0.4 | 0,4027 |
| Sudan | 1.41 | 0.86 | 1.56 | 1.2 | 1.53 | 1,9512 |
| Syrian Arab Republic | 2,9373 | 4,0027 | 4,2983 | 2,7404 | 0,6606 | 0,6268 |
| Tunisia | 1.76 | 1.36 | 1.12 | 0.87 | 0.66 | 0,5981 |
| United Arab Emirates | | | | | | |
| | | | | | | |
| | 0.96 | 1.04 | 1.17 | 1.26 | 1.07 | 1,087 |
| Yemen, Rep. | 0.96 | 1.04 | 1.17 | 1.26 | 1.07 | 1,087 |
| Yemen, Rep. Arab Group | | | | | | |
| Yemen, Rep. Arab Group Afghanistan | 0.96 0,573459091 1,1333 | 1.04 0,664463636 1,14 | 1.17 0,630481818 1,1 | 1.26 0,613477273 1 | 1.07 0,524268182 1,1984 | 1,087 0,508459091 1 |
| Yemen, Rep. Arab Group Afghanistan Albania | 0.96 0,573459091 1,1333 0,9667 | 1.04 0,664463636 1,14 0,9495 | 1.17 0,630481818 1,1 0,9537 | 1.26 0,613477273 1 1,001 | 1.07 0,524268182 1,1984 1,1081 | 1,087 0,508459091 1 1,1081 |
| Yemen, Rep. <mark>Arab Group</mark> Afghanistan Albania Azerbaijan | 0.96 0,573459091 1,1333 0,9667 1,3024 | 1.04 0,664463636 1,14 0,9495 0,9144 | 1.17 0,630481818 1,1 0,9537 1,7529 | 1.26 0,613477273 1 1,001 1,2665 | 1.07 0,524268182 1,1984 1,1081 1,8835 | 1,087 0,508459091 1 1,1081 1,7628 |
| Yemen, Rep. Arab Group Afghanistan Albania Azerbaijan Bangladesh | 0.96 0,573459091 1,1333 0,9667 1,3024 1,1685 | 1.04 0,664463636 1,14 0,9495 | 1.17 0,630481818 1,1 0,9537 1,7529 2,9789 | 1.26 0,613477273 1 1,001 | 1.07 0,524268182 1,1984 1,1081 1,8835 3,2979 | 1,087 0,508459091 1 1,1081 |
| Yemen, Rep. Arab Group Afghanistan Albania | 0.96 0,573459091 1,1333 0,9667 1,3024 | 1.04 0,664463636 1,14 0,9495 0,9144 2,5019 | 1.17 0,630481818 1,1 0,9537 1,7529 2,9789 | 1.26 0,613477273 1 1,001 1,2665 3,0974 | 1.07 0,524268182 1,1984 1,1081 1,8835 | 1,087 0,508459091 1 1,1081 1,7628 3,6548 |
| Yemen, Rep. Arab Group Afghanistan Albania Azerbaijan Bangladesh Brunei Darussalam Guyana | 0.96 0,573459091 1,1333 0,9667 1,3024 1,1685 | 1.04 0,664463636 1,14 0,9495 0,9144 2,5019 | 1.17 0,630481818 1,1 0,9537 1,7529 2,9789 | 1.26 0,613477273 1 1,001 1,2665 3,0974 | 1.07 0,524268182 1,1984 1,1081 1,8835 3,2979 | 1,087 0,508459091 1 1,1081 1,7628 3,6548 |
| Yemen, Rep. Arab Group Afghanistan Albania Azerbaijan Bangladesh Brunei Darussalam Guyana Indonesia | 0.96 0,573459091 1,1333 0,9667 1,3024 1,1685 | 1.04 0,664463636 1,14 0,9495 0,9144 2,5019 | 1.17 0,630481818 1,1 0,9537 1,7529 2,9789 | 1.26 0,613477273 1 1,001 1,2665 3,0974 | 1.07 0,524268182 1,1984 1,1081 1,8835 3,2979 | 1,087 0,508459091 1 1,1081 1,7628 3,6548 |
| Yemen, Rep. Arab Group Afghanistan Albania Azerbaijan Brunei Darussalam Guyana Indonesia | 0.96 0,573459091 1,1333 0,9667 1,3024 1,1685 0.36 1.92 | 1.04 0,664463636 1,14 0,9495 0,9144 2,5019 0.33 | 1.17 0,630481818 1,1 0,9537 1,7529 2,9789 0.37 2.28 | 1.26 0,613477273 1 1,001 1,2665 3,0974 0.31 | 1.07 0,524268182 1,1984 1,1081 1,8835 3,2979 0.12 | 1,087 0,508459091 1 1,1081 1,7628 3,6548 |
| Yemen, Rep. Arab Group Afghanistan Albania Azerbaijan Bangladesh Brunei Darussalam Guyana Indonesia Iran Kazakhstan | 0.96 0,573459091 1,1333 0,9667 1,3024 1,1685 0.36 1.92 2.078 | 1.04 0,664463636 1,14 0,9495 0,9144 2,5019 0.33 2.02 | 1.17 0,630481818 1,1 0,9537 1,7529 2,9789 0.37 2.28 2.31 | 1.26 0,613477273 1 1,001 1,2665 3,0974 0.31 1.84 | 1.07 0,524268182 1,1984 1,1081 1,8835 3,2979 0.12 2.44 | 1,087 0,508459091 1 1,1081 1,7628 3,6548 0,0788 2,2818 2,5916 |
| Yemen, Rep. Arab Group Afghanistan Albania Azerbaijan Bangladesh Guyana Indonesia Iran Kazakhstan Kyrgyz Republic | 0.96 0,573459091 1,1333 0,9667 1,3024 1,1685 0.36 1.92 | 1.04 0,664463636 1,14 0,9495 0,9144 2,5019 0.33 2.02 1.89 2.60 | 1.17 0,630481818 1,1 0,9537 1,7529 2,9789 0.37 2.28 2.31 2.61 | 1.26 0,613477273 1 1,001 1,2665 3,0974 0.31 1.84 1.79 2.79 | 1.07 0,524268182 1,1984 1,1081 1,8835 3,2979 0.12 2.44 2.76 3.09 | 1,087 0,508459091 1 1,1081 1,7628 3,6548 0,0788 2,2818 2,5916 3,2423 |
| Yemen, Rep. Arab Group Afghanistan Albania Azerbaijan Bangladesh Brunei Darussalam Guyana Indonesia Iran Kazakhstan Kyrgyz Republic Malaysia | 0.96 0,573459091 1,1333 0,9667 1,3024 1,1685 0.36 1.92 2.078 2.25 | 1.04 0,664463636 1,14 0,9495 0,9144 2,5019 0.33 2.02 1.89 2.60 | 1.17 0,630481818 1,1 0,9537 1,7529 2,9789 0.37 2.28 2.31 2.61 | 1.26 0,613477273 1 1,001 1,2665 3,0974 0.31 1.84 1.79 2.79 | 1.07 0,524268182 1,1984 1,1081 1,8835 3,2979 0.12 2.44 2.76 3.09 | 1,087 0,508459091 1 1,1081 1,7628 3,6548 0,0788 2,2818 2,5916 3,2423 |
| Yemen, Rep. Arab Group Afghanistan Albania Azerbaijan Bangladesh Brunei Darussalam Guyana Indonesia Iran Kazakhstan Kyrgyz Republic Malaysia Maldives | 0.96 0,573459091 1,1333 0,9667 1,3024 1,1685 0.36 1.92 2.078 2.25 | 1.04 0,664463636 1,14 0,9495 0,9144 2,5019 0.33 2.02 1.89 2.60 | 1.17 0,630481818 1,1 0,9537 1,7529 2,9789 0.37 2.28 2.31 2.61 | 1.26 0,613477273 1 1,001 1,2665 3,0974 0.31 1.84 1.79 2.79 | 1.07 0,524268182 1,1984 1,1081 1,8835 3,2979 0.12 2.44 2.76 3.09 | 1,087 0,508459091 1 1,1081 1,7628 3,6548 0,0788 2,2818 2,5916 3,2423 |
| Yemen, Rep. Arab Group Afghanistan Albania Azerbaijan Bangladesh Brunei Darussalam Guyana Indonesia Iran Kazakhstan Kyrgyz Republic Malaysia Maldives Pakistan | 0.96 0,573459091 1,1333 0,9667 1,3024 1,1685 0.36 1.92 2.078 2.25 | 1.04 0,664463636 1,14 0,9495 0,9144 2,5019 0.33 2.02 1.89 2.60 | 1.17 0,630481818 1,1 0,9537 1,7529 2,9789 0.37 2.28 2.31 2.61 | 1.26 0,613477273 1 1,001 1,2665 3,0974 0.31 1.84 1.79 2.79 | 1.07 0,524268182 1,1984 1,1081 1,8835 3,2979 0.12 2.44 2.76 3.09 1.68 | 1,087 0,508459091 1 1,1081 1,7628 3,6548 0,0788 2,2818 2,5916 3,2423 2,0348 |
| Yemen, Rep. Arab Group Afghanistan Albania Azerbaijan Bangladesh Brunei Darussalam Guyana Indonesia Iran Kazakhstan Kyrgyz Republic Malaysia Maldives Pakistan Suriname | 0.96 0,573459091 1,1333 0,9667 1,3024 1,1685 0.36 1.92 2.078 2.25 | 1.04 0,664463636 1,14 0,9495 0,9144 2,5019 0.33 2.02 1.89 2.60 | 1.17 0,630481818 1,1 0,9537 1,7529 2,9789 0.37 2.28 2.31 2.61 | 1.26 0,613477273 1 1,001 1,2665 3,0974 0.31 1.84 1.79 2.79 | 1.07 0,524268182 1,1984 1,1081 1,8835 3,2979 0.12 2.44 2.76 3.09 1.68 | 1,087 0,508459091 1 1,1081 1,7628 3,6548 0,0788 2,2818 2,5916 3,2423 2,0348 |
| Yemen, Rep. Arab Group Afghanistan Albania Azerbaijan Bangladesh Brunei Darussalam Guyana Indonesia Iran Kazakhstan Kyrgyz Republic Malayisia Maldives Pakistan Suriname Tajikistan | 0.96 0,573459091 1,1333 0,9667 1,3024 1,1685 0.36 1.92 2.078 2.25 1.80 | 1.04 0,664463636 1,14 0,9495 0,9144 2,5019 0.33 2.02 1.89 2.60 1.87 | 1.17 0,630481818 1,1 0,9537 1,7529 2,9789 0.37 2.28 2.31 2.61 2.04 1.55 | 1.26 0,613477273 1 1,001 1,2665 3,0974 0.31 1.84 1.79 2.79 2.09 | 1.07 0,524268182 1,1984 1,1081 1,8835 3,2979 0.12 2.44 2.76 3.09 1.68 | 1,087 0,508459091 1 1,1081 1,7628 3,6548 0,0788 2,2818 2,5916 3,2423 2,0348 1,6163 |
| Yemen, Rep. Arab Group Afghanistan Albania Azerbaijan Bangladesh Brunei Darussalam Guyana Indonesia Iran Kazakhstan Kyrgyz Republic Malaysia Maldives Pakistan Suriname Tajikistan Turkey | 0.96 0,573459091 1,1333 0,9667 1,3024 1,1685 0.36 1.92 2.078 2.25 1.80 | 1.04 0,664463636 1,14 0,9495 0,9144 2,5019 0.33 2.02 1.89 2.60 1.87 1.41 3.46 | 1.17 0,630481818 1,1 0,9537 1,7529 2,9789 0.37 2.28 2.31 2.61 2.04 1.55 4.11 | 1.26 0,613477273 1 1,001 1,2665 3,0974 0.31 1.84 1.79 2.79 2.09 1.91 4.48 | 1.07 0,524268182 1,1984 1,1081 1,8835 3,2979 0.12 2.44 2.76 3.09 1.68 1.69 4.72 | 1,087 0,508459091 1 1,1081 1,7628 3,6548 0,0788 2,2818 2,5916 3,2423 2,0348 1,6163 4,9553 |
| Yemen, Rep. Arab Group Afghanistan Albania Azerbaijan Bangladesh Brunei Darussalam Guyana Indonesia Iran Kazakhstan Kyrgyz Republic Malaysia Maldives Pakistan Suriname Tajikistan Turkey Turkmenistan | 0.96 0,573459091 1,1333 0,9667 1,3024 1,1685 0.36 1.92 2.078 2.25 1.80 1.521 2.94 2.13 | 1.04 0,664463636 1,14 0,9495 0,9144 2,5019 0.33 2.02 1.89 2.60 1.87 1.41 3.46 1.79 | 1.17 0,630481818 1,1 0,9537 1,7529 2,9789 0.37 2.28 2.31 2.61 2.04 1.55 4.11 1.67 | 1.26 0,613477273 1 1,001 1,2665 3,0974 0.31 1.84 1.79 2.79 2.09 1.91 4.48 2.34 | 1.07 0,524268182 1,1984 1,1081 1,8835 3,2979 0.12 2.44 2.76 3.09 1.68 1.69 4.72 1.04 | 1,087 0,508459091 1 1,1081 1,7628 3,6548 0,0788 2,2818 2,5916 3,2423 2,0348 1,6163 4,9553 1,1555 |
| Yemen, Rep. Arab Group Afghanistan Albania Azerbaijan Bangladesh Brunei Darussalam Guyana Indonesia Iran Kazakhstan Kyrgyz Republic Malaysia Maldives Pakistan Suriname Tajikistan Turkey Turkmenistan Uzbekistan | 0.96 0,573459091 1,1333 0,9667 1,3024 1,1685 0.36 1.92 2.078 2.25 1.80 1.521 2.94 2.13 2.64 | 1.04 0,664463636 1,14 0,9495 0,9144 2,5019 0.33 2.02 1.89 2.60 1.87 1.41 3.46 1.79 2.08 | 1.17 0,630481818 1,1 0,9537 1,7529 2,9789 0.37 2.28 2.31 2.61 2.04 1.55 4.11 1.67 2.61 | 1.26 0,613477273 1 1,001 1,2665 3,0974 0.31 1.84 1.79 2.79 2.09 1.91 4.48 2.34 2.56 | 1.07 0,524268182 1,1984 1,1081 1,8835 3,2979 0.12 2.44 2.76 3.09 1.68 1.69 4.72 1.04 2.59 | 1,087 0,508459091 1 1,1081 1,7628 3,6548 0,0788 2,2818 2,5916 3,2423 2,0348 1,6163 4,9553 1,1555 2,0691 |
| Yemen, Rep. Arab Group Afghanistan Albania Azerbaijan Bangladesh Brunei Darussalam | 0.96 0,573459091 1,1333 0,9667 1,3024 1,1685 0.36 1.92 2.078 2.25 1.80 1.521 2.94 2.13 | 1.04 0,664463636 1,14 0,9495 0,9144 2,5019 0.33 2.02 1.89 2.60 1.87 1.41 3.46 1.79 | 1.17 0,630481818 1,1 0,9537 1,7529 2,9789 0.37 2.28 2.31 2.61 2.04 1.55 4.11 1.67 | 1.26 0,613477273 1 1,001 1,2665 3,0974 0.31 1.84 1.79 2.79 2.09 1.91 4.48 2.34 | 1.07 0,524268182 1,1984 1,1081 1,8835 3,2979 0.12 2.44 2.76 3.09 1.68 1.69 4.72 1.04 | 1,087 0,508459091 1 1,1081 1,7628 3,6548 0,0788 2,2818 2,5916 3,2423 2,0348 1,6163 4,9553 1,1555 |



Annex 32: Renewable Water Potential 2014-2017

| Area Name | Total renewable water resources (10^9 m3/year) | Share of Renewable Water Resources to the Agricultural Land (m3/hectar in a year) | Long-term average precipitation in depth (mm/year) 2014 |
|----------------------------|--|---|---|
| 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 | 1,150.0 |
| | | | |
| 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 |
| African Group | 1,815.35 | 5,078.55 | 19,131.00 |
| 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 | 282.0 |
| 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 |
| Arab Group | 288.87 | 553.52 | 4,842.00 |
| 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 | 2,702.0 |
| Iran (Islamic Republic of) | 137.00 | 2,788.46 | 228.0 |
| Kazakhstan | 108.40 | 521.22 | 250.0 |
| Kyrgyzstan | 23.62 | 2,230.13 | 533.0 |
| Malaysia | 580.00 | 74,843.54 | 2,875.0 |
| Maldives | 0.03 | 4,285.71 | 1,972.0 |
| | | | |
| Pakistan | 246.80 | 9,127.22 | 494.0 |
| Tajikistan | 21.91 | 4,494.36 | 691.0 |
| Turkey | 211.60 | 5,509.41 | 593.0 |
| Turkmenistan | 24.77 | 732.02 | 161.0 |
| Uzbekistan | 48.87 | 1,831.02 | 206.0 |
| Guyana | 271.00 | 161,501.79 | 2,387.0 |
| Suriname | 99.00 | 1,192,771.08 | 2,331.0 |
| Asian Group | 5,157.71 | 9,964.99 | 23,070.0 |
| OIC Total | 7,261.93 | 5,198.56 | 47,043.00 |
| | 54,705.59 | 11,114.04 | 208,187.00 |

 $Source: FAOSTAT\ and\ AQUASTAT$

| Country Name | 2005 | 2010 | 2015 | 2018 |
|----------------------|---------------------------------------|-------------|---------------------------------------|---------------------------------------|
| Benin | 0,42 | 7,37 | 0,1 | 30,17 |
| Burkina Faso | 15,03 | 9,3 | 16,02 | 17,29 |
| Cameroon | 6,62 | 7,44 | 10,91 | 10,36 |
| Chad | | | | ., |
| Cote d'Ivoire | 7,12 | 12,58 | 18,35 | 13,51 |
| Gabon | 5,48 | 2,07 | 20,08 | 29,56 |
| Gambia | 9,6 | 7,22 | 0,55 | 7,95 |
| Guinea | 0,74 | 0,75 | 0,73 | 2,57 |
| Guinea-Bissau | · | · | · | · |
| Mali | 14,54 | 18,07 | 26,87 | 24,18 |
| Mozambique | · · · · · · · · · · · · · · · · · · · | 7,78 | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · |
| <u> </u> | 1,36 | | 3,97 | 6,38 |
| Niger | 0,38 | 0,5 | 0,4 | 0,38 |
| Nigeria | 6,11 | 10,15 | 7,09 | 16,57 |
| Senegal | 9,72 | 8,08 | 15,95 | 21,72 |
| Sierra Leone | | | | |
| Togo | 0,3 | 9,08 | 3,13 | 5,43 |
| Uganda | 0,71 | 1,29 | 1,22 | 2,49 |
| African Group | 4,595882353 | 5,981176471 | 7,374705882 | 11,09176471 |
| Algeria | 6,68 | 14,09 | 20,75 | 18,27 |
| Bahrain | 2906,666667 | 1721,249974 | 1318,74998 | |
| Comoros | | | | |
| Djibouti | | | | |
| Egypt, Arab Rep. | 436,56 | 370,47 | 428,59 | 431,88 |
| Iraq | 40,6 | 32,51 | 14,74 | 47,93 |
| Jordan | 248,54 | 114,67 | 128,29 | 81,93 |
| Kuwait | 34040 | 128.3959991 | 13604.64074 | 750.7237854 |
| Lebanon | 77,68 | 106,3 | 144,27 | 146,51 |
| Libya | 25,16 | 32,26 | 15,31 | 8,26 |
| Mauritania | | | | |
| Morocco | 57,64 | 49,17 | 63,9 | 61,79 |
| Oman | 257,51 | 256,21 | 249,46 | 223 |
| Palestine | | | | |
| Qatar | 70,42 | 278,79 | 179,77 | 200 |
| Saudi Arabia | 90,31 | 58,72 | 84,15 | 76,93 |
| Somalia | | | | · |
| Sudan | 3,85 | 8,16 | 0,65 | 0,39 |
| | | · | <u> </u> | · |
| Syrian Arab Republic | 71,4 | 27,16 | 0,61 | 1,9 |
| Tunisia | 25,34 | 25,82 | 25,3 | 23,05 |
| United Arab Emirates | 176,5 | 404,23 | 380,78 | 385,67 |
| Yemen, Rep. | 3,22 | 15,91 | 1,44 | 3,03 |
| Arab Group | 1751,730758 | 165,6416351 | 757,3363964 | 117,2030374 |
| Afghanistan | 3,76 | 1,75 | 3,94 | 7,45 |
| Albania | 91,75 | 76,47 | 95,29 | 58,49 |
| Azerbaijan | 11,93 | 8,89 | 45,41 | 54,1 |
| Bangladesh | 179,59 | 192,02 | 269,99 | 287,74 |
| Brunei Darussalam | 308.5 | 431.75 | 141.8 | 141.8 |
| Guyana | 20,71 | 36,86 | 51,23 | 55,5 |
| ndonesia | 80,89 | 96,04 | 117,56 | 121,22 |
| ran | 94,51 | 81,4 | 42,32 | 42,37 |
| Kazakhstan | 1,42 | 2,03 | 4,27 | 8,22 |
| Kyrgyz Republic | 23,32 | 21,41 | 9,83 | 20,04 |
| Malaysia | 221,22 | 260,55 | 209,7 | 209,98 |
| Maldives | 11,13 | 53,34 | 36,23 | 64,99 |
| Pakistan | 120,31 | 134,41 | 133,94 | 152,04 |
| Suriname | 94,76 | 191,08 | 188,91 | 120,51 |
| Tajikistan | 14,28 | 8,14 | 21,11 | 14,49 |
| Turkey | 77,71 | 86,23 | 92,03 | 93,34 |
| Turkmenistan | | • | | |
| Uzbekistan | 138,25 | 189,12 | 224,39 | 229,45 |
| | | | | |
| Asian Group | 83,00222222 | 103,9716667 | 93,775 | 93,42944444 |
| OIC Total | 613,1096207 | 91,86482609 | 286,1620341 | 73,90808218 |
| World Total | 103,44 | 114,31 | 120,17 | 120,67 |

 $Source: World\ Development\ Indicator$



| Country Name | 1999-2001 | <i>ply Adequacy,</i> 2004-2006 | 2009-2011 | 2014-2016 | 2016-2018 |
|----------------------|-----------|--------------------------------|-----------|--------------|-----------|
| Benin | 106 | 113 | 118 | 123 | 127 |
| Burkina Faso | 108 | 116 | 122 | 124 | 124 |
| Cameroon | 97 | 105 | 115 | 123 | 123 |
| Chad | 93 | 95 | 95 | 99 | 98 |
| Cote d'Ivoire | 115 | 120 | 117 | 119 | 123 |
| Gabon | 122 | 120 | 120 | 124 | 122 |
| Gambia, The | 116 | 112 | 122 | 119 | 119 |
| Guinea | 108 | 113 | 116 | 120 | 119 |
| Guinea-Bissau | 103 | 103 | 105 | 101 | 100 |
| Mali | 118 | 124 | 136 | 141 | 141 |
| Mozambique | 95 | 98 | 105 | 106 | 106 |
| Niger | 109 | 117 | 121 | 123 | 124 |
| Nigeria | 121 | 125 | 126 | 119 | 116 |
| Senegal | 98 | 101 | 109 | 110 | 114 |
| Sierra Leone | 95 | 98 | 106 | 111 | 110 |
| Годо | 99 | 103 | 108 | 112 | 113 |
| Uganda | 109 | 111 | 104 | 97 | 95 |
| African Group | 107 | 110 | 114 | 116 | 116 |
| Algeria | 124 | 128 | 135 | 146 | 146 |
| Bahrain | | | | | |
| Comoros | 103 | 110 | 106 | 106 | 105 |
| Djibouti | 86 | 97 | 105 | 100 | 109 |
| Egypt, Arab Rep. | 146 | 144 | 149 | 152 | 153 |
| Iraq | 100 | 107 | 111 | 110 | 109 |
| ordan | 114 | 126 | 122 | 115 | 114 |
| Kuwait | 143 | 146 | 141 | 139 | 136 |
| Lebanon | 141 | 131 | 128 | 114 | 114 |
| Libya | 136 | 134 | 135 | 139 | 139 |
| Mauritania | 120 | 118 | 125 | 126 | 124 |
| Morocco | 133 | 138 | 140 | 148 | 150 |
| Oman | 115 | 115 | 125 | 125 | 121 |
| Palestine | | | | | |
| Qatar | | | | . | |
| Saudi Arabia | 136 | 128 | 130 | 136 | 130 |
| Somalia | 76 | 80 | 81 | 88 | 94 |
| Sudan | | | | 111 | 111 |
| Syrian Arab Republic | 135 | 136 | 134 | 129 | 127 |
| Tunisia | 141 | 137 | 140 | 143 | 144 |
| United Arab Emirates | 131 | 122 | 117 | 126 | 128 |
| Yemen, Rep. | 100 | 99 | 102 | 95 | 91 |
| Arab Group | 121 | 122 | 124 | 124 | 123 |
| Afghanistan | 89 | 95 | 101 | 96 | 96 |
| Albania | 115 | 116 | 124 | 127 | 127 |
| Azerbaijan | 97 | 117 | 123 | 130 | 131 |
| Bangladesh | 104 | 107 | 108 | 108 | 110 |
| Brunei Darussalam | 121 | 126 | 122 | 123 | 122 |
| Guyana | 121 | 118 | 114 | 119 | 119 |
| Indonesia | 108 | 109 | 116 | 123 | 126 |
| ran, Islamic Rep. | 132 | 127 | 128 | 130 | 131 |
| Kazakhstan | 116 | 124 | 131 | 137 | 138 |
| Kyrgyz Republic | 107 | 115 | 117 | 120 | 120 |
| Malaysia | 125 | 121 | 122 | 125 | 125 |
| Maldives | 112 | 106 | 114 | 116 | 117 |
| Pakistan | 109 | 106 | 109 | 109 | 109 |
| Suriname | 109 | 111 | 116 | 116 | 115 |
| Γajikistan | 88 | 89 | 91 | 91 | 92 |
| Furkey | 157 | 155 | 155 | 158 | 157 |
| Furkmenistan | 115 | 122 | 123 | 123 | 121 |
| Jzbekistan | 103 | 105 | 111 | 116 | 117 |
| Asian Group | 113 | 115 | 118 | 120 | 121 |
| OIC Total | 114 | 116 | 119 | 120 | 120 |
| | | | | | |



Annex 35: Average Value of Food Production, Int. Dollars/Caput

| Country Name | 2000-2002 | 2005-2007 | 2010-2012 | 2016-2018 |
|--|---|--|---|---|
| Benin | 187 | 165 | 204 | 68 |
| Burkina Faso | 120 | 127 | 136 | 39 |
| Cameroon | 164 | 196 | 233 | 81 |
| Chad | 150 | 148 | 169 | 50 |
| Cote d'Ivoire | 262 | 258 | 262 | 85 |
| Gabon | 172 | 157 | 148 | 43 |
| Gambia, The | 91 | 76 | 82 | 22 |
| Guinea | 164 | 176 | 190 | 60 |
| Guinea-Bissau | 197 | 202 | 222 | 71 |
| Mali | | | 243 | |
| | 189 | 215 | | 83 |
| Mozambique | 90 | 90 | 121 | 33 |
| Niger | 151 | 168 | 176 | 59 |
| Nigeria | 203 | 219 | 200 | 67 |
| Senegal | 96 | 89 | 106 | 34 |
| Sierra Leone | 74 | 123 | 168 | 63 |
| Togo | 107 | 114 | 128 | 39 |
| Uganda | 179 | 171 | 140 | 38 |
| African Group | 152,7058824 | 158,4705882 | 172,2352941 | 55 |
| Algeria | 132 | 176 | 228 | 72 |
| Bahrain | 33 | 23 | 24 | 9 |
| Comoros | 115 | 106 | 96 | 29 |
| Djibouti | 67 | 78 | 81 | 26 |
| Egypt, Arab Rep. | 221 | 249 | 244 | 79 |
| Iraq | 107 | 86 | 82 | 14 |
| Jordan | 146 | 163 | 161 | 48 |
| Kuwait | 71 | 83 | 94 | 29 |
| Lebanon | 288 | 252 | 207 | 52 |
| | | | | |
| Libya | 168 | 171 | 179 | 58 |
| Mauritania | | | | |
| Morocco | 179 | 215 | 257 | 74 |
| Oman | 128 | 135 | 123 | 35 |
| Palestine | 179 | 158 | 118 | 37 |
| Qatar | 67 | 40 | 26 | 8 |
| Saudi Arabia | 130 | 133 | 118 | 34 |
| Somalia | 159 | 145 | 136 | 39 |
| Sudan | | | 44 | 55 |
| Syrian Arab Republic | 309 | 324 | 285 | 103 |
| Tunisia | 256 | 334 | 338 | 112 |
| United Arab Emirates | 247 | 116 | 57 | 23 |
| Yemen, Rep. | 61 | 65 | 73 | 21 |
| Arab Group | 153,15 | 152,6 | 141,4761905 | 45,57142857 |
| Afghanistan | 114 | 113 | 110 | 33 |
| | 117 | | | |
| | 261 | 306 | | |
| Albania | 261 180 | 306 218 | 395 | 161 |
| Albania Azerbaijan | 180 | 218 | 395 256 | 161 90 |
| Albania Azerbaijan Bangladesh | 180 107 | 218 118 | 395 256 137 | 161 90 47 |
| Albania Azerbaijan Bangladesh Brunei Darussalam | 180 107 81 | 218 118 84 | 395 256 137 108 | 161 90 47 38 |
| Albania Azerbaijan Bangladesh Brunei Darussalam Guyana | 180 107 81 421 | 218 118 84 404 | 395 256 137 108 469 | 161 90 47 38 175 |
| Albania Azerbaijan Bangladesh Brunei Darussalam Guyana ndonesia | 180 107 81 421 166 | 218 118 84 404 199 | 395 256 137 108 469 230 | 161 90 47 38 175 80 |
| Albania Azerbaijan Bangladesh Brunei Darussalam Guyana ndonesia ran, Islamic Rep. | 180 107 81 421 166 276 | 218 118 84 404 199 339 | 395 256 137 108 469 230 310 | 161 90 47 38 175 80 104 |
| Albania Azerbaijan Bangladesh Brunei Darussalam Guyana ndonesia ran, Islamic Rep. Kazakhstan | 180 107 81 421 166 276 341 | 218 118 84 404 199 339 403 | 395 256 137 108 469 230 310 | 161 90 47 38 175 80 104 |
| Albania Azerbaijan Bangladesh Brunei Darussalam Guyana ndonesia ran, Islamic Rep. Gazakhstan | 180 107 81 421 166 276 341 277 | 218 118 84 404 199 339 403 276 | 395 256 137 108 469 230 310 414 | 161 90 47 38 175 80 104 150 90 |
| Albania Azerbaijan Bangladesh Brunei Darussalam Guyana ndonesia ran, Islamic Rep. Kazakhstan Kyrgyz Republic | 180 107 81 421 166 276 341 | 218 118 84 404 199 339 403 | 395 256 137 108 469 230 310 414 270 | 161 90 47 38 175 80 104 |
| Albania Azerbaijan Bangladesh Brunei Darussalam Guyana ndonesia ran, Islamic Rep. (azakhstan Kyrgyz Republic | 180 107 81 421 166 276 341 277 | 218 118 84 404 199 339 403 276 | 395 256 137 108 469 230 310 414 | 161 90 47 38 175 80 104 150 90 |
| Albania Azerbaijan Bangladesh Brunei Darussalam Guyana ndonesia ran, Islamic Rep. Kazakhstan Kyrgyz Republic Malaysia Maldives | 180 107 81 421 166 276 341 277 382 | 218 118 84 404 199 339 403 276 438 | 395 256 137 108 469 230 310 414 270 | 161 90 47 38 175 80 104 150 90 |
| Albania Azerbaijan Bangladesh Brunei Darussalam Guyana Indonesia Iran, Islamic Rep. Kazakhstan Kyrgyz Republic Malaysia Maldives Pakistan | 180 107 81 421 166 276 341 277 382 33 | 218 118 84 404 199 339 403 276 438 31 | 395 256 137 108 469 230 310 414 270 470 | 161 90 47 38 175 80 104 150 90 156 5 |
| Albania Azerbaijan Bangladesh Brunei Darussalam Guyana Indonesia Iran, Islamic Rep. Kazakhstan Kyrgyz Republic Malaysia Maldives Pakistan Suriname | 180 107 81 421 166 276 341 277 382 33 171 174 | 218 118 84 404 199 339 403 276 438 31 181 183 | 395 256 137 108 469 230 310 414 270 470 20 184 236 | 161 90 47 38 175 80 104 150 90 156 5 |
| Albania Azerbaijan Bangladesh Brunei Darussalam Guyana Indonesia Iran, Islamic Rep. Kazakhstan Kyrgyz Republic Malaysia Maldives Pakistan Suriname Tajikistan | 180 107 81 421 166 276 341 277 382 33 171 174 | 218 118 84 404 199 339 403 276 438 31 181 183 | 395 256 137 108 469 230 310 414 270 470 20 184 236 127 | 161 90 47 38 175 80 104 150 90 156 5 59 80 46 |
| Albania Azerbaijan Bangladesh Brunei Darussalam Guyana Indonesia Iran, Islamic Rep. Kazakhstan Kyrgyz Republic Malaysia Maldives Pakistan Suriname Tajikistan Turkey | 180 107 81 421 166 276 341 277 382 33 171 174 98 410 | 218 118 84 404 199 339 403 276 438 31 181 183 112 428 | 395 256 137 108 469 230 310 414 270 470 20 184 236 127 470 | 161 90 47 38 175 80 104 150 90 156 5 59 80 46 |
| Albania Azerbaijan Bangladesh Brunei Darussalam Guyana Indonesia Iran, Islamic Rep. Kazakhstan Kyrgyz Republic Malaysia Maldives Pakistan Furiname Fajikistan Furkey | 180 107 81 421 166 276 341 277 382 33 171 174 98 410 274 | 218 118 84 404 199 339 403 276 438 31 181 183 112 428 342 | 395 256 137 108 469 230 310 414 270 470 20 184 236 127 470 334 | 161 90 47 38 175 80 104 150 90 156 5 5 59 80 46 159 105 |
| Albania Azerbaijan Bangladesh Brunei Darussalam Guyana ndonesia ran, Islamic Rep. Kazakhstan Kyrgyz Republic Malaysia Maldives Pakistan Guriname Fajikistan Furkey Furkmenistan Uzbekistan | 180 107 81 421 166 276 341 277 382 33 171 174 98 410 274 211 | 218 118 84 404 199 339 403 276 438 31 181 183 112 428 342 | 395 256 137 108 469 230 310 414 270 470 20 184 236 127 470 334 297 | 161 90 47 38 175 80 104 150 90 156 5 59 80 46 159 105 105 |
| Albania Azerbaijan Bangladesh Brunei Darussalam Guyana Indonesia Iran, Islamic Rep. Kazakhstan Kyrgyz Republic Malaysia Maldives Pakistan Guriname Tajikistan Furkey | 180 107 81 421 166 276 341 277 382 33 171 174 98 410 274 | 218 118 84 404 199 339 403 276 438 31 181 183 112 428 342 | 395 256 137 108 469 230 310 414 270 470 20 184 236 127 470 334 | 161 90 47 38 175 80 104 150 90 156 5 5 59 80 46 159 105 |



Annex 36: Average Protein Supply, gr/caput/day

| Annex 36: Average P | | | | |
|------------------------|-------------|---------------------------------------|-------------|---------------------------------------|
| Country Name | 2000-2002 | 2005-2007 | 2010-2012 | 2016-2018 |
| Benin | 55,7 | 58,4 | 62 | 64,3 |
| Burkina Faso | 68,7 | 74,7 | 79,7 | 78,7 |
| Cameroon | 55,7 | 62 | 67,7 | 71,6 |
| Chad | 63 | 61,3 | 62 | 61,7 |
| Cote d'Ivoire | 51 | 55 | 57,3 | 57,7 |
| Gabon | 75,6 | 80,3 | 82,4 | 80,3 |
| Gambia, The | 58,3 | 58 | 63,3 | 64,7 |
| Guinea | 51 | 51,7 | 54,7 | 57,3 |
| Guinea-Bissau | 44 | 43 | 43,7 | 43 |
| Mali | 68 | 74 | 81 | 81,7 |
| Mozambique | 36,4 | 42 | 45,7 | 43 |
| Niger | 68 | 75,4 | 80,3 | 82 |
| Nigeria | 58 | 63 | 62,7 | 58 |
| Senegal | 55,6 | 57,7 | 59,3 | 62 |
| Sierra Leone | 44,4 | 50,3 | 55,3 | 50,3 |
| Togo | 49,6 | 52 | 56,4 | 57,7 |
| Uganda | 49,7 | 51 | 54 | 47,6 |
| African Group | 56,04117647 | 59,4 | 62,79411765 | 62,44705882 |
| Algeria | 77 | 83,3 | 88,4 | 92,3 |
| Bahrain | 33 | · · · · · · · · · · · · · · · · · · · | 24 | 92,3 |
| | 33 | 23 | 24 | 9 |
| Comoros | 40.2 | 50.7 | 62.2 | 65.2 |
| Djibouti | 48,3 | 58,7 | 63,3 | 65,3 |
| Egypt, Arab Rep. | 94,3 | 97,7 | 102,7 | 97 |
| Iraq | 53,4 | 54,7 | 61 | 64 |
| Jordan | 76,1 | 80 | 81 | 70 |
| Kuwait | 102,3 | 114,6 | 104,5 | 100,7 |
| Lebanon | 91,3 | 83,3 | 79 | 69,3 |
| Libya | | | | |
| Mauritania | | | | |
| Morocco | 84 | 89,7 | 95,3 | 99,7 |
| Oman | 75,4 | 76,4 | 88 | 84,4 |
| Palestine | | | | |
| Qatar | | | | |
| Saudi Arabia | 82 | 83,7 | 89,7 | 88,3 |
| Somalia | | | | · |
| Sudan | | | 23,2 | 72,3 |
| Syrian Arab Republic | | | <u> </u> | · |
| Tunisia | 89,3 | 90,7 | 98 | 99,7 |
| United Arab Emirates | 108,8 | 103,6 | 99,7 | 111,7 |
| Yemen, Rep. | 57 | 55,7 | 58,3 | 52 |
| Arab Group | 76,58571429 | 78,22142857 | 77,07333333 | 78,38 |
| | | 54 | 58 | 55,7 |
| Afghanistan Albania | 51,4 | | | · · · · · · · · · · · · · · · · · · · |
| | 93 | 97,3 | 108,3 | 116,7 |
| Azerbaijan | 68,3 | 84,7 | 90 | 92 |
| Bangladesh | 49 | 52 | 54,3 | 59,7 |
| Brunei Darussalam | 87,4 | 85 | 87,4 | 24.7 |
| Guyana | 76,7 | 73,7 | 75,7 | 84,7 |
| Indonesia | 52,3 | 54,3 | 60,3 | 66,7 |
| Iran, Islamic Rep. | 81,7 | 83,7 | 86 | 85,3 |
| Kazakhstan | 88 | 91,3 | 96 | 91 |
| Kyrgyz Republic | 83,7 | 82,3 | 85 | 83,3 |
| Malaysia | 75,3 | 78,7 | 79,3 | 77,3 |
| Maldives | 100,7 | 91,6 | 115,4 | 85,5 |
| Pakistan | 59,3 | 60,4 | 63,7 | 65,7 |
| Suriname | 56,3 | 58 | 62,3 | 60,7 |
| Tajikistan | 49 | 50,7 | 54,7 | 53,3 |
| Turkey | 103,7 | 102,7 | 104,7 | 109,3 |
| Turkmenistan | 81,4 | 90 | 90,7 | 89,3 |
| Uzbekistan | 66,3 | 73,7 | 80,3 | 93,3 |
| Asian Group | 73,52777778 | 75,78333333 | 80,67222222 | 80,55882353 |
| OIC Total | 68,71822284 | 71,13492063 | 73,5132244 | 73,79529412 |
| World Total | | | 73,5132244 | |
| vvoriu rotai | 72,6 | 74,5 | 11,0 | 80,1 |

Annex 37 Number of People Undernourished, Million People

| Benin 1.6 1.2 1.1 1 Burkina Faso 2.9 3.3 3.3 3.6 Cameron 4.7 3.5 2.3 1.8 Cameron 4.7 3.5 2.3 1.8 Cotard 1.3 3.3 3.9 4.8 5.1 Cote d'Ivoire 3.4 3.7 4.5 4.7 Cabolin 1.0 2.0 2.0 2.0 2.0 Carbina 1.0 2.0 2.0 2.0 2.0 Cambia, The 0.2 0.2 0.2 0.2 0.2 Cambia, The 0.2 0.2 0.2 0.2 Culinea 2.3 2.1 1.9 1.8 Culinea 1.3 0.3 0.3 0.3 0.5 Mali 1.6 1.4 1 1 Mozambique 7.4 7.8 6.9 7.6 Niger 2.5 2.1 1.8 2.3 Nigeria 11.4 9.1 9.9 17.4 Senegal 2.8 2.4 1.7 1.9 Sierra Leone 1.8 2.1 1.7 1.7 Togo 1.5 1.5 1.4 1.3 Uganda 6.7 6.9 10.5 1.5 1.4 1.3 Uganda 6.7 6.9 10.5 15.1 Arican Group 3.205882 3041176 3.147089 3052941 Algeria 3.3 2.9 2.3 1.6 Bahrain 0.0 0.0 0.0 Comoros 0.0 0.0 0.0 0.0 Comoros 0.0 0.0 0.0 Comoros 0.0 0.0 0.0 0.0 0.0 0.0 Comoros 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Comoros 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0. | 2016-2018 | 2014-2016 | 2009-2011 | 2004-2006 | 1999-2001 | Country Name |
|--|-----------|-----------|-----------|-----------|-----------|---------------|
| Cameroon 4.7 3.5 2.3 1.8 Chad 3.3 3.9 4.8 5.1 Cabel Wore 3.4 3.7 4.5 4.7 Gabon 0.1 0.2 0.2 0.2 Gambia, The 0.2 0.2 0.2 0.2 Guinea Bissu 0.3 0.3 0.5 0.5 Mali 1.6 1.4 1 1 Mozambique 7.4 7.8 6.9 7.6 Niger 2.5 2.1 1.8 2.3 Nigera 1.14 9.1 9.9 7.74 Senegal 2.8 2.4 1.7 1.9 Sicera Locoe 1.8 2.1 1.7 1.7 Togo 1.5 1.5 1.4 1.3 Uganda 6.7 6.9 10.5 15.1 African Group 3.20582 3041176 3.47059 3952941 Algeria 3.3 2.9 2.3 | 1.1 | | | | | |
| Chad | 3.8 | 3.6 | 3.3 | 3.3 | 2.9 | Burkina Faso |
| Cote d'Ivoire 3.4 3.7 4.5 4.7 Gabon 0.1 0.2 0.2 0.2 Gambia, The 0.2 0.2 0.2 0.2 Guinea 2.3 2.1 1.9 1.8 Guinea Bissau 0.3 0.3 0.3 0.5 Mali 1.6 1.4 1 1 1 Mozambique 7.4 7.8 6.9 7.6 Niger 2.5 2.1 1.8 2.3 Nigera 1.14 9.1 9.9 17.4 Sengal 2.8 2.4 1.7 1.9 Serra Leone 1.8 2.1 1.7 1.7 Togo 1.5 1.5 1.4 1.3 1.9 Uganda 6.7 6.9 10.5 15.1 1.7 1.7 Togo 1.5 1.5 1.4 1.3 1.1 1.7 1.7 Os 0.0 0 0 0 | 2.4 | 1.8 | 2.3 | 3.5 | 4.7 | Cameroon |
| Gabon | 5.6 | 5.1 | 4.8 | 3.9 | 3.3 | Chad |
| Gambia, The Cotinea 0.2 0.2 0.2 0.2 Guinea 2.3 2.1 1.9 1.8 Guinea-Bissau 0.3 0.3 0.3 0.5 Mall 1.16 1.4 1 1 Mozambique 7.4 7.8 6.9 7.6 Niger 2.5 2.1 1.8 2.3 Nigeria 11.4 9.1 9.9 1.74 Senegal 2.8 2.4 1.7 1.9 Sierra Leone 1.8 2.1 1.7 1.7 Togo 1.5 1.5 1.4 1.3 Uganda 6.7 6.9 10.5 15.1 African Group 3.205882 3.041176 3.14059 3.952941 Algeria 3.3 2.9 2.3 1.6 Bahrain 0 0 0 0 0 Octorors 0 0 0 0 0 0 0 0 | 4.6 | 4.7 | 4.5 | 3.7 | 3.4 | Cote d'Ivoire |
| Guinea 2.3 2.1 1.9 1.8 Guinea-Bissan 0.3 0.3 0.5 Mali 1.6 1.4 1 1 Mali 1.6 1.4 1 1 Mozambique 7.4 7.8 6.9 7.6 Niger 2.5 2.1 1.8 2.3 Nigeria 11.4 9.1 9.9 17.4 Scengal 2.8 2.4 1.7 1.9 Sierra Leone 1.8 2.1 1.7 1.7 Togo 1.5 1.5 1.4 1.3 Uganda 6.7 6.9 10.5 15.1 Artican Group 3.205882 3041176 314705 3352941 Algeria 3.3 2.9 2.3 1.6 Bahrain 0 0 0 0 0 Optibuti 0.3 0.3 0.2 0.2 2.2 Egyrt, Arab Rep. 3.7 4.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | Gabon |
| Guinea-Bissau 0.3 0.3 0.5 Mal Mali 1.6 1.4 1 1 Mozambique 7.4 7.8 6.9 7.6 Nigeri 2.5 2.1 1.8 2.3 Nigeria 11.4 9.1 9.9 17.4 Senegal 2.8 2.4 1.7 1.9 Sierra Leone 1.8 2.1 1.7 1.9 Togo 1.5 1.5 1.4 1.3 Uganda 6.7 6.9 10.5 15.1 Arican Group 3.205882 3.041176 3.147059 3.952941 Algeria 3.3 2.9 2.3 1.6 Bahrain 0 0 0 0 0 Compors 0< | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | Gambia, The |
| Mali 1.6 1.4 1 1 Mozambique 7.4 7.8 6.9 7.6 Niger 2.5 2.1 1.8 2.3 Nigeria 11.4 9.1 9.9 17.4 Sierra Leone 1.8 2.1 1.7 1.7 Togo 1.5 1.5 1.4 1.3 Uganda 6.7 6.9 10.5 15.1 Africar Group 3.05882 3.041176 3.147059 3.952941 Algeria 3.3 2.9 2.3 1.6 Bahrain 0 0 0 0 Occomoros 0 0 0 0 Oblibuti 0.3 0.3 0.3 0.2 0.2 Eypt, Arab Rep. 3.7 4.2 3.8 4.1 Iraq 6.7 7.6 8.4 10.2 Jordan 0.6 0.4 0.6 1.1 Kuwat 1.2 3.0 0 | 2.1 | 1.8 | 1.9 | 2.1 | 2.3 | |
| Mali 1.6 1.4 1 1 Mozambique 7.4 7.8 6.9 7.6 Niger 2.5 2.1 1.8 2.3 Nigeria 11.4 9.1 9.9 17.4 Sierra Leone 1.8 2.1 1.7 1.7 Togo 1.5 1.5 1.4 1.3 Uganda 6.7 6.9 10.5 15.1 Africar Group 3.05882 3.041176 3.147059 3.952941 Algeria 3.3 2.9 2.3 1.6 Bahrain 0 0 0 0 Occomoros 0 0 0 0 Oblibuti 0.3 0.3 0.3 0.2 0.2 Eypt, Arab Rep. 3.7 4.2 3.8 4.1 Iraq 6.7 7.6 8.4 10.2 Jordan 0.6 0.4 0.6 1.1 Kuwat 1.2 3.0 0 | 0.5 | | | | | |
| Mozambique 7.4 7.8 6.9 7.6 Nigera 2.5 2.1 1.8 2.3 Nigera 11.4 9.1 9.9 17.4 Senegal 2.8 2.4 1.7 1.9 Sierra Loon 1.8 2.1 1.7 1.7 Togo 1.5 1.5 1.4 1.3 Uganda 6.7 6.9 10.5 1.5.1 Arican Group 3.205882 3.0411/6 3.147059 3.952941 Algeria 3.3 2.9 2.3 1.6 Bahrain 0 0 0 0 Omoros 0 0 0 0 Ophibouti 0.3 0.3 0.2 0.2 Egypt, Arab Rep. 3.7 4.2 3.8 4.1 Iraq 6.7 7.6 8.4 1.0 Iraq 6.7 7.6 8.4 1.0 Iraq 6.7 7.6 8.4 <th< td=""><td>1.2</td><td></td><td></td><td></td><td></td><td></td></th<> | 1.2 | | | | | |
| Niger 2.5 2.1 1.8 2.3 Nigeria 11.4 9.1 9.9 1.7.4 Senegal 2.8 2.4 1.7 1.9 Sierra Leone 1.8 2.1 1.7 1.7 Togo 1.5 1.5 1.4 1.3 Uganda 6.7 6.9 10.5 15.1 African Group 3058982 3041176 3147059 3952941 Algeria 3.3 2.9 2.3 1.6 Bahrain 0 0 0 0 Occomoros 0 0 0 0 Omoros 0 0 0 0 Dijbouti 0.3 0.3 0.2 0.2 Egypt, Arab Rep. 3.7 4.2 3.8 4.1 Iraq 6.7 7.6 8.4 10.2 Ogental 0.6 0.4 0.6 1.1 Kuwat 1.2 0.6 0.1 0.2 <td>8.3</td> <td></td> <td></td> <td></td> <td></td> <td></td> | 8.3 | | | | | |
| Nigeria 11.4 9.1 9.9 17.4 Senegal 2.8 2.4 1.7 1.9 Sierra Leone 1.8 2.1 1.7 1.7 Togo 1.5 1.5 1.4 1.3 Uganda 6.7 6.9 10.5 15.1 African Group 3.205882 3.041176 3.147059 3.952941 Algeria 3.3 2.9 2.3 1.6 Bahrain 0 0 0 0 Comoros 0 0 0 0 Dilbiouti 0.3 0.3 0.2 0.2 Egypt, Arab Rep. 3.7 4.2 3.8 4.1 Iraq 6.6 7.76 8.4 10.2 Iordan 0.6 0.4 0.6 1.1 Kawait 1.2 0.6 1.1 0.2 0.6 Libya 0 0 0 0 0 0 Lebanon 0 <td>3.6</td> <td></td> <td></td> <td></td> <td></td> <td></td> | 3.6 | | | | | |
| Senegal 2.8 2.4 1.7 1.9 Sierra Leone 1.8 2.1 1.7 1.7 Togo 1.5 1.5 1.4 1.3 Uganda 6.7 6.9 10.5 15.1 African Group 3.025882 3.041176 3.147059 3.952941 Algeria 3.3 2.9 2.3 1.6 Bahrain 0 0 0 0 Comoros 0 0 0 0 Omoros 0 0 0 0 Ollbuti 0.3 0.3 0.2 0.2 Egypt, Arab Rep. 3.7 4.2 3.8 4.1 Iraq 6.7 7.6 8.4 10.2 Jordan 0.6 0.4 0.6 1.1 Kwait 1.1 0.2 0.6 Libya 0 0 0 0 Morocco 2 1.7 1.7 1.2 | 25.6 | | | | | |
| Sierra Leone 1.8 | 1.8 | | | | | |
| Togo 1.5 1.5 1.4 1.3 Uganda 6.7 6.9 10.5 15.1 African Group 3.205882 3.04176 3.147059 3.552941 Algeria 3.3 2.9 2.3 1.6 Bahrain 0 0 0 0 Comoros 0 0 0 0 Dijbouti 0.3 0.3 0.2 0.2 Egypt, Arab Rep. 3.7 4.2 3.8 4.1 Iraq 6.7 7.6 8.4 10.2 Jordan 0.6 0.4 0.6 1.1 Kuwat 1.1 1.2 0.6 1.1 Kuwat 1.1 0.2 0.6 1.1 Kuwat 0.0 0 0 0 0 Lebanon 0.1 0.2 0.6 1.1 Kuwat 0.0 0 0 0 0 Jalaman 0.3 0.4 0.3< | 1.9 | | | | | |
| Uganda 6.7 6.9 10.5 15.1 African Group 3.205882 3.041176 3.147059 3.952941 Algeria 3.3 2.9 2.3 1.6 Bahrain 0 0 0 0 Comoros 0 0 0 0 Dijbouti 0.3 0.3 0.2 0.2 Egypt, Arab Rep. 3.7 4.2 3.8 4.1 Iraq 6.7 7.6 8.4 10.2 Jordan 0.6 0.4 0.6 1.1 Kuwait Lebanon 0.1 0.2 0.6 Libya 0 0 0 0 Mauritania 0.3 0.4 0.3 0.4 Morocco 2 1.7 1.7 1.7 1.2 Oman 0.3 0.3 0.2 0.2 0.2 Palestine 0 0 0 0 0 0 0 0 0 | 1.3 | | | | | |
| African Group 3.205882 3.041176 3.147059 3.952941 Allgria 3.3 2.9 2.3 1.6 Bahrain 0 0 0 0 Comoros 0 0 0 0 Dijbiouti 0.3 0.3 0.2 0.2 Egypt, Arab Rep. 3.7 4.2 3.8 4.1 Iraq 6.7 7.6 8.4 10.2 Jordan 0.6 0.4 0.6 1.1 Kwait | 17.6 | | | | | |
| Algeria 3.3 2.9 2.3 1.6 Bahrain 0 0 0 0 0 0 Comoros 0 0 0 0 0 Djibouti 0.3 0.3 0.2 0.2 0.2 Egypt, Arab Rep. 3.7 4.2 3.8 4.1 Iraq 6.7 7.6 8.4 10.2 Jordan 0.6 0.4 0.6 1.1 Kuwait Lebanon 0 0 0 0 0 Mauritania 0.3 0.4 0.3 0.4 Libya 0 0 0 0 0 0 Mauritania 0.3 0.4 0.3 0.4 Morocco 2 1.7 1.7 1.7 1.2 Oman 0.3 0.3 0.3 0.2 0.2 Palestine 0 0 0 0 0 0 Mauritania 0.3 0.4 0.3 0.4 Morocco 1 1.7 1.7 1.7 1.2 Oman 0.3 0.3 0.3 0.2 0.2 Palestine 0 0 0 0 0 0 Saudi Arabia 1.3 1.9 1.9 1.8 Somalia 0 0 0 0 0 0 Saudi Arabia 1.3 1.9 1.9 1.8 Somalia 0 0 0 0 0 7.8 Syrian Arab Republic | | | | | | |
| Bahrain 0 2 0.2 Egypt, Arab Rep. 3.7 4.2 3.8 4.1 < | 4.811765 | | | | | |
| Comoros 0 0 0 0 Egypt, Arab Rep. 3.7 4.2 3.8 4.1 Iraq 6.7 7.6 8.4 10.2 Jordan 0.6 0.4 0.6 1.1 Kuwait *** Usebanon 0.1 0.2 0.6 Libya 0 0 0 0 Mauritania 0.3 0.4 0.3 0.4 Morocco 2 1.7 1.7 1.2 Oman 0.3 0.3 0.2 0.2 Palestine 0 0 0 0 Qatar 0 0 0 0 Qatar 0 0 0 0 Saudi Arabia 1.3 1.9 1.9 1.8 Somalia 0 0 0 0 Syrian Arab Republic Tunisia 0.5 0.6 0.5 0.5< | 1.6 | | | | | |
| Djibouti 0.3 0.3 0.2 0.2 Egypt, Arab Rep. 3.7 4.2 3.8 4.1 Iraq 6.7 7.6 8.4 10.2 Jordan 0.6 0.4 0.6 1.1 Kuwait *********************************** | 0 | | | | | |
| Egypt, Arab Rep. 3.7 4.2 3.8 4.1 Iraq 6.7 7.6 8.4 10.2 Jordan 0.6 0.4 0.6 1.1 Kuwait *********************************** | 0 | | | | | |
| Iraq 6.7 7.6 8.4 10.2 Jordan 0.6 0.4 0.6 1.1 Kuwait T 0.1 0.2 0.6 Libya 0 0 0 0 Mauritania 0.3 0.4 0.3 0.4 Morocco 2 1.7 1.7 1.2 Oman 0.3 0.3 0.2 0.2 Palestine 0 0 0 0 Oatar 0 0 0 0 Qatar 0 0 0 0 Saudi Arabia 1.3 1.9 1.9 1.8 Somalia 0 0 0 0 0 Sudan 0 0 0 0 0 0 0 Sudan 0 0 0 0 7.8 S 1.8 S 1.3 1.9 1.9 1.8 S 1.3 1.9 1.9 | 0.2 | | | | | |
| Jordan 0.6 0.4 0.6 1.1 | 4.4 | | | | | |
| Kuwait Lebanon 0.1 0.2 0.6 Libya 0 0 0 0 Mauritania 0.3 0.4 0.3 0.4 Morocco 2 1.7 1.7 1.2 Oman 0.3 0.3 0.2 0.2 Palestine 0 0 0 0 Qatar 0 0 0 0 Saudi Arabia 1.3 1.9 1.9 1.8 Somalia 0 0 0 0 Sudan 0 0 0 7.8 Syrian Arab Republic | 11.1 | | | | | |
| Lebanon 0.1 0.2 0.6 Libya 0 0 0 Mauritania 0.3 0.4 0.3 0.4 Morocco 2 1.7 1.7 1.2 Oman 0.3 0.3 0.2 0.2 Palestine 0 0 0 0 Qatar 0 0 0 0 Qatar 0 0 0 0 Saudi Arabia 1.3 1.9 1.9 1.8 Somalia 0 0 0 0 0 Sudan 0 </td <td>1.2</td> <td>1.1</td> <td>0.6</td> <td>0.4</td> <td>0.6</td> <td></td> | 1.2 | 1.1 | 0.6 | 0.4 | 0.6 | |
| Libya 0 0 0 0 Mauritania 0.3 0.4 0.3 0.4 Morocco 2 1.7 1.7 1.2 Oman 0.3 0.3 0.2 0.2 Palestine 0 0 0 0 Qatar 0 0 0 0 Saudi Arabia 1.3 1.9 1.9 1.8 Somalia 0 0 0 0 0 Soudan 0 0 0 0 0 0 0 Sudan 0 | 0.1 | | | | | |
| Mauritania 0.3 0.4 0.3 0.4 Morocco 2 1.7 1.7 1.2 Oman 0.3 0.3 0.2 0.2 Palestine 0 0 0 0 Qatar 0 0 0 0 Saudi Arabia 1.3 1.9 1.9 1.8 Somalia 0 0 0 0 Sudan 0 0 0 0 Malama 0 0 0 0 <td>0.7</td> <td></td> <td></td> <td></td> <td></td> <td></td> | 0.7 | | | | | |
| Morocco 2 1.7 1.7 1.2 Oman 0.3 0.3 0.2 0.2 Palestine 0 0 0 0 Qatar 0 0 0 0 Saudi Arabia 1.3 1.9 1.9 1.8 Somalia 0 0 0 0 0 Sudan 0 0 0 0 7.8 Syrian Arab Republic Tunisia 0.5 0.6 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.3 Yemen, Rep. 5.3 6.2 6.1 9.3 4.4 9.3 4.4 1.95 4.4 9.6 Albania 0.2 < | 0 | 0 | | 0 | | Libya |
| Oman 0.3 0.3 0.2 0.2 Palestine 0 0 0 0 Qatar 0 0 0 0 Saudi Arabia 1.3 1.9 1.9 1.8 Somalia 0 0 0 0 Sudan 0 0 0 7.8 Syrian Arab Republic | 0.5 | 0.4 | 0.3 | 0.4 | 0.3 | Mauritania |
| Palestine 0 0 0 0 Qatar 0 0 0 0 Saudi Arabia 1.3 1.9 1.9 1.8 Somalia 0 0 0 0 0 Sudan 0 0 0 0 7.8 Syrian Arab Republic | 1.2 | 1.2 | 1.7 | 1.7 | 2 | Morocco |
| Qatar 0 0 0 0 Saudi Arabia 1.3 1.9 1.9 1.8 Somalia 0 0 0 0 Sudan 0 0 0 7.8 Syrian Arab Republic Tunisia 0.5 0.6 0.5 0.5 United Arab Emirates 0.2 0.5 0.3 Yemen, Rep. 5.3 6.2 6.1 9.3 Arab Group 1.35 1.34 1.335 1.965 Afghanistan 9.3 8.3 6.4 9.6 Albania 0.2 0.3 0.2 0.2 Azerbaijan 1.9 0.5 1.0 0.2 Bangladesh 27.3 23.8 25.7 25.3 Brunei Darussalam 0 0 0 0 Guyana 0 0 0 0 Huanic Bep. 3.3 4.3 4.4 4.1 <td>0.3</td> <td>0.2</td> <td>0.2</td> <td>0.3</td> <td>0.3</td> <td>Oman</td> | 0.3 | 0.2 | 0.2 | 0.3 | 0.3 | Oman |
| Saudi Arabia 1.3 1.9 1.9 1.8 Somalia 0 0 0 0 Sudan 0 0 0 7.8 Syrian Arab Republic | 0 | 0 | 0 | 0 | 0 | Palestine |
| Somalia 0 0 0 0 Sudan 0 0 0 7.8 Syrian Arab Republic Tunisia 0.5 0.6 0.5 0.5 United Arab Emirates 0.2 0.5 0.3 Vemen, Rep. 5.3 6.2 6.1 9.3 Arab Group 1.35 1.34 1.335 1.965 Afghanistan 9.3 8.3 6.4 9.6 Albania 0.2 0.3 0.2 0.2 Azerbaijan 1.9 0.5 Bangladesh 27.3 23.8 25.7 25.3 Brunei Darussalam 0 0 0 0 Guyana 0 0 0 0 Indonesia 39.2 44.1 32.3 22.5 Iran, Islamic Rep. 3.3 4.3 4.4 4.1 Kazakhstan 0.9 0.9 0.5 <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>Qatar</td> | 0 | 0 | 0 | 0 | 0 | Qatar |
| Sudan 0 0 0 7.8 Syrian Arab Republic | 2.3 | 1.8 | 1.9 | 1.9 | 1.3 | Saudi Arabia |
| Sudan 0 0 0 7.8 Syrian Arab Republic | 0 | 0 | 0 | 0 | 0 | Somalia |
| Syrian Arab Republic Tunisia 0.5 0.6 0.5 0.5 United Arab Emirates 0.2 0.5 0.3 Yemen, Rep. 5.3 6.2 6.1 9.3 Arab Group 1.35 1.34 1.335 1.965 Afghanistan 9.3 8.3 6.4 9.6 Albania 0.2 0.3 0.2 0.2 Azerbaijan 1.9 0.5 Bangladesh 27.3 23.8 25.7 25.3 Brunei Darussalam 0 0 0 0 Guyana 0 0 0 0 Guyana 0 0 0 0 Indonesia 39.2 44.1 32.3 22.5 Iran, Islamic Rep. 3.3 4.3 4.4 4.1 Kazakhstan 0.9 0.9 0.5 Kyrgyz Republic 0.8 0.5 0.4 | 8.2 | 7.8 | 0 | 0 | 0 | |
| Tunisia 0.5 0.6 0.5 0.5 United Arab Emirates 0.2 0.5 0.3 Yemen, Rep. 5.3 6.2 6.1 9.3 Arab Group 1.35 1.34 1.335 1.965 Afghanistan 9.3 8.3 6.4 9.6 Albania 0.2 0.3 0.2 0.2 Azerbaijan 1.9 0.5 | | | | | | |
| United Arab Emirates 0.2 0.5 0.3 Yemen, Rep. 5.3 6.2 6.1 9.3 Arab Group 1.35 1.34 1.335 1.965 Afghanistan 9.3 8.3 6.4 9.6 Albania 0.2 0.3 0.2 0.2 Azerbaijan 1.9 0.5 Bangladesh 27.3 23.8 25.7 25.3 Brunei Darussalam 0 0 0 0 0 Guyana 0 0 0 0 0 0 0 Indonesia 39.2 44.1 32.3 22.5 1 1 0 0 Indonesia 39.2 44.1 32.3 22.5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 9 0 2 0 0 0< | 0.5 | | | | | |
| Yemen, Rep. 5.3 6.2 6.1 9.3 Arab Group 1.35 1.34 1.335 1.965 Afghanistan 9.3 8.3 6.4 9.6 Albania 0.2 0.3 0.2 0.2 Azerbaijan 1.9 0.5 | 0.2 | | | | 0.5 | |
| Arab Group 1.35 1.34 1.335 1.965 Afghanistan 9.3 8.3 6.4 9.6 Albania 0.2 0.3 0.2 0.2 Azerbaijan 1.9 0.5 27.3 23.8 25.7 25.3 Brunei Darussalam 0 0 0 0 0 Guyana 0 0 0 0 0 Indonesia 39.2 44.1 32.3 22.5 Iran, Islamic Rep. 3.3 4.3 4.4 4.1 Kazakhstan 0.9 0.9 0.5 Kyrgyz Republic 0.8 0.5 0.4 0.4 Malaysia 0.7 1 1.1 0.9 Maldives 0 0 0 0 Pakistan 32.5 35.9 35.9 39.3 Suriname 0 0 0 0 Turkey | 11 | | | | 5.3 | |
| Afghanistan 9.3 8.3 6.4 9.6 Albania 0.2 0.3 0.2 0.2 Azerbaijan 1.9 0.5 Bangladesh 27.3 23.8 25.7 25.3 Brunei Darussalam 0 0 0 0 Guyana 0 0 0 0 Indonesia 39.2 44.1 32.3 22.5 Iran, Islamic Rep. 3.3 4.3 4.4 4.1 Kazakhstan 0.9 0.9 0.5 Kyrgyz Republic 0.8 0.5 0.4 0.4 Malaysia 0.7 1 1.1 0.9 Maldives 0 0 0 0 Pakistan 32.5 35.9 35.9 39.3 Suriname 0 0 0 0 Turkeye Turkeyer Turkmenistan 0.4 0.2 0.2 0.3 Uzbekistan 4 3.9 2.6 2 | 2.071429 | | | | | |
| Albania 0.2 0.3 0.2 0.2 Azerbaijan 1.9 0.5 Bangladesh 27.3 23.8 25.7 25.3 Brunei Darussalam 0 0 0 0 Guyana 0 0 0 0 Indonesia 39.2 44.1 32.3 22.5 Iran, Islamic Rep. 3.3 4.3 4.4 4.1 Kazakhstan 0.9 0.9 0.5 Kyrgyz Republic 0.8 0.5 0.4 0.4 Malaysia 0.7 1 1.1 0.9 Maldives 0 0 0 0 Pakistan 32.5 35.9 35.9 39.3 Suriname 0 0 0 0 Turkey Turkey Turkmenistan 0.4 0.2 0.2 0.3 Uzbekistan 4 3.9 2.6 2 | 10.6 | | | | | |
| Azerbaijan 1.9 0.5 Bangladesh 27.3 23.8 25.7 25.3 Brunei Darussalam 0 0 0 0 Guyana 0 0 0 0 Indonesia 39.2 44.1 32.3 22.5 Iran, Islamic Rep. 3.3 4.3 4.4 4.1 Kazakhstan 0.9 0.9 0.5 Kyrgyz Republic 0.8 0.5 0.4 0.4 Malaysia 0.7 1 1.1 0.9 Maldives 0 0 0 0 Pakistan 32.5 35.9 35.9 39.3 Suriname 0 0 0 0 Turkey Turkey Turkmenistan 0.4 0.2 0.2 0.3 Uzbekistan 4 3.9 2.6 2 | | | | | | |
| Bangladesh 27.3 23.8 25.7 25.3 Brunei Darussalam 0 0 0 0 Guyana 0 0 0 0 Indonesia 39.2 44.1 32.3 22.5 Iran, Islamic Rep. 3.3 4.3 4.4 4.1 Kazakhstan 0.9 0.9 0.5 Kyrgyz Republic 0.8 0.5 0.4 0.4 Malaysia 0.7 1 1.1 0.9 Maldives 0 0 0 0 Pakistan 32.5 35.9 35.9 39.3 Suriname 0 0 0 0 Turkey Turkmenistan 0.4 0.2 0.2 0.3 Uzbekistan 4 3.9 2.6 2 | 0.2 | 0.2 | 0.2 | | | |
| Brunei Darussalam 0 0 0 0 Guyana 0 0 0 0 Indonesia 39.2 44.1 32.3 22.5 Iran, Islamic Rep. 3.3 4.3 4.4 4.1 Kazakhstan 0.9 0.9 0.5 Kyrgyz Republic 0.8 0.5 0.4 0.4 Malaysia 0.7 1 1.1 0.9 Maldives 0 0 0 0 Pakistan 32.5 35.9 35.9 39.3 Suriname 0 0 0 0 Tajikistan Turkey Turkmenistan 0.4 0.2 0.2 0.3 Uzbekistan 4 3.9 2.6 2 | 242 | 25.2 | 25.7 | | | |
| Guyana 0 0 0 0 Indonesia 39.2 44.1 32.3 22.5 Iran, Islamic Rep. 3.3 4.3 4.4 4.1 Kazakhstan 0.9 0.9 0.5 Kexakhstan 0.9 0.9 0.5 Kyrgyz Republic 0.8 0.5 0.4 0.4 0.4 Malaysia 0.7 1 1.1 0.9 Maldives 0 0 0 0 Pakistan 32.5 35.9 35.9 39.3 Suriname 0 0 0 0 Tujikistan Turkey Turkmenistan 0.4 0.2 0.2 0.3 Uzbekistan 4 3.9 2.6 2 | 24.2 | | | | | |
| Indonesia 39.2 44.1 32.3 22.5 Iran, Islamic Rep. 3.3 4.3 4.4 4.1 Kazakhstan 0.9 0.9 0.5 Kyrgyz Republic 0.8 0.5 0.4 0.4 Malaysia 0.7 1 1.1 0.9 Maldives 0 0 0 0 Pakistan 32.5 35.9 35.9 39.3 Suriname 0 0 0 0 Tajikistan Turkey Turkmenistan 0.4 0.2 0.2 0.3 Uzbekistan 4 3.9 2.6 2 | 0 | | | | | |
| Iran, Islamic Rep. 3.3 4.3 4.4 4.1 Kazakhstan 0.9 0.9 0.5 Kyrgyz Republic 0.8 0.5 0.4 0.4 Malaysia 0.7 1 1.1 0.9 Maldives 0 0 0 0 Pakistan 32.5 35.9 35.9 39.3 Suriname 0 0 0 0 Tajikistan Turkey Turkmenistan 0.4 0.2 0.2 0.3 Uzbekistan 4 3.9 2.6 2 | 0 | | | | | |
| Kazakhstan 0.9 0.9 0.5 Kyrgyz Republic 0.8 0.5 0.4 0.4 Malaysia 0.7 1 1.1 0.9 Maldives 0 0 0 0 Pakistan 32.5 35.9 35.9 39.3 Suriname 0 0 0 0 Tajikistan Turkey Turkmenistan 0.4 0.2 0.2 0.3 Uzbekistan 4 3.9 2.6 2 | 22 | | | | | |
| Kyrgyz Republic 0.8 0.5 0.4 0.4 Malaysia 0.7 1 1.1 0.9 Maldives 0 0 0 0 Pakistan 32.5 35.9 35.9 39.3 Suriname 0 0 0 0 Tajikistan Turkey Turkmenistan 0.4 0.2 0.2 0.3 Uzbekistan 4 3.9 2.6 2 | 4 | 4.1 | | | | |
| Malaysia 0.7 1 1.1 0.9 Maldives 0 0 0 0 Pakistan 32.5 35.9 35.9 39.3 Suriname 0 0 0 0 Tajikistan Turkey Turkey 0.4 0.2 0.2 0.3 Uzbekistan 4 3.9 2.6 2 | | | | | | |
| Maldives 0 0 0 0 Pakistan 32.5 35.9 35.9 39.3 Suriname 0 0 0 0 Gajikistan | 0.4 | | | | | |
| Pakistan 32.5 35.9 35.9 39.3 Suriname 0 0 0 0 Tajikistan Turkey Turkmenistan 0.4 0.2 0.2 0.3 Uzbekistan 4 3.9 2.6 2 | 0.8 | | | | | |
| Suriname 0 0 0 0 Tajikistan </td <td>0</td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td>Maldives</td> | 0 | 0 | | 0 | 0 | Maldives |
| Tajikistan | 40 | 39.3 | 35.9 | 35.9 | 32.5 | Pakistan |
| Tajikistan | 0 | 0 | 0 | 0 | 0 | Suriname |
| Turkey Turkmenistan 0.4 0.2 0.2 0.3 Uzbekistan 4 3.9 2.6 2 | | | | | | |
| Turkmenistan 0.4 0.2 0.2 0.3 Uzbekistan 4 3.9 2.6 2 | | | | | | |
| Uzbekistan 4 3.9 2.6 2 | 0.3 | | | | | |
| | 2 | | | | | |
| | 7.464286 | 7.471429 | 7.313333 | 7.73125 | 7.53125 | Asian Group |
| OIC Total 199.3 202.2 189.9 211.1 | 229.8 | | | | | |
| 500 1000 107.7 211.1 | 809.9 | 211.1 | 109.9 | 202.2 | 177.3 | Old Idiai |
| Moved Total 916.2 940.5 926.1 700.2 | 609.9 | 700.2 | 026.1 | 040 5 | 016.2 | World Total |
| World Total 916.3 940.5 826.1 790.2 | | 790.2 | 020.1 | 940.5 | 910.3 | world rotal |

Annex 38: Gross Domestic Product per capita, in Purchasing Power Equivalent, Constant 2011 Int. Dollars

| Benin 2478 2582 2705 Burkina Faso 1297 1527 1716 Cameroon 2751 2982 3086 Chad 897 1618 1733 Cote d'Ivoire 4094 3670 3661 Gabon 16567 15761 14415 Gambia, The 2271 2216 2347 Guinea 1705 1794 1871 Guinea-Bissau 1723 1678 1747 Mali 1628 1959 2083 Mozambique 631 821 1027 Nigera 933 962 1037 Nigera 2933 962 1037 Nigera 2977 3997 4932 Sengal 2595 2758 2797 Sierra Leone 1063 1245 1414 Togo 1700 1574 1626 Uganda 1253 1480 1861 African Group 2739 | 2015 | 2020 | Country Name |
|---|----------------|-------|---------------------|
| Cameroon 2751 2982 3086 Chad 897 1618 1733 Ched (Ivoire 4094 3670 3661 Gabon 16567 15761 14415 Gambia, The 2271 2216 2347 Guinea 1705 1794 1871 Guinea-Bissau 1723 1678 1747 Mail 1628 1959 2083 Mozambique 631 821 1027 Nigeri 933 962 1037 Nigeria 2977 3997 4932 Senegal 2595 2758 2797 Sierra Leone 1063 1245 1414 Togo 1700 1574 1626 Uganda 1253 1480 1861 African Group 2739 2860 2945 Algeria 8711 10505 10971 Bahrain 49406 47493 44600 Comoros 2834 2816 2878 Djibouti Egypt, Arab Rep. 7745 8397 10340 Iraq 9365 7542 8749 Jordan 8741 10577 11316 Kuwait 54985 68234 58810 Lebanon 14362 14264 19499 Libya 16746 19884 22540 Mauritania Morocco 4371 5228 6282 Oman 33840 31910 33865 Saudi Arabia 4195 4341 10750 Saudi Arabia 4959 853 80113 United Arabia 5893 8041 10750 Arzerbaijan 4964 7722 14313 Bangladesh 1938 2280 2884 Brunel Darussalam 69023 69788 Brunel | 2946 | 3323 | Benin |
| Chad 897 1618 1733 Cote d'Ivoire 4094 3670 3661 Gabon 16567 15761 14415 Gambia, The 2271 2216 2347 Guinea 1705 1794 1871 Guinea-Bissau 1723 1678 1747 Mali 1628 1959 2083 Mozambique 631 821 1027 Niger 933 962 1037 Nigeria 2977 3997 4932 Senegal 2595 2758 2797 Sierra Leone 1063 1245 1414 Togo 1700 1574 1626 Uganda 1253 1480 1861 African Group 2739 2860 2945 Algeria 8711 10505 10971 Bahrain 49406 47493 44600 Comoros 2834 2816 2878 Djibouti Egypt, Arab Rep. 7745 8397 10340 Iraq 9365 7542 8749 Jordan 8741 10577 11316 Kuwait 54985 68234 58810 Lebanon 14362 14264 19499 Lebanon 14362 14264 19499 Mauritania Morocco 4371 5228 6282 Mauritania Morocco 4371 529 8523 10113 United Arab Emirates 102495 99895 54922 Yemen, Rep. Robert 1338 8223 10113 Liniania 5893 8041 10750 Algeria 5492 Yemen, Rep. Arab Group 26827 27392 26078 Afghanistan 1287 1957 Albania 5893 8041 10750 Algeria 6898 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Algeria 1359 12608 16306 Palsistan 1250 12085 13090 Turkey 15434 18252 20028 | 1925 | 2161 | Burkina Faso |
| Cote d'Ivoire 4094 3670 3661 Gabon 16567 15761 14415 Gambia, The 2271 2216 2347 Guinea 1705 1794 1871 Guinea 1705 1794 1871 Guinea 1705 1794 1871 Mall 1628 1959 2083 Mozambique 631 821 1027 Niger 933 962 1037 Nigeria 2977 3997 4932 Senegal 2595 2758 2797 Sierra Leone 1063 1245 1414 Togo 1700 1574 1626 Uganda 1253 1480 1861 African Group 2739 2860 2945 Algeria 8711 10505 10971 Bahrain 49406 47493 44600 Comoros 2834 2816 2878 Djibouti Egypt, Arab Rep. 7745 8397 10340 Iraq 9365 7542 8749 Jordan 8741 10577 11316 Kuwait 54985 68234 58810 Lebanon 14362 14264 19499 Libya 16746 19884 22540 Mauritania Morocco 4371 5228 6282 Oman 33840 31910 33865 Palestine 4503 4866 5411 Worocco 4371 5228 6282 Oman 33840 31910 33865 Palestine 4503 4866 5411 Control Sorolla 1988 1989 Sudia Arabia 41955 44310 44037 Somalia Sudia 1989 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. Arab Group 26827 27392 12608 18840 Libya 16746 7969 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. Arab Group 26827 27392 14313 Bangladesh 1938 2280 2884 Brunel Darussalam 69023 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Maleysian 15917 18114 20536 | 3459 | 3576 | Cameroon |
| Gabon 16567 15761 14415 Gambla, The 2271 2216 2347 Guinea 1705 1794 1871 Guinea 1705 1794 1871 Guinea-Bissau 1723 1678 1747 Mali 1628 1959 2083 Mozambique 631 821 1027 Niger 933 962 1037 Nigeria 2977 3997 4932 Senegal 2595 2758 2797 Sierra Leone 1063 1245 1444 Togo 1700 1574 1626 Uganda 1253 1480 1861 African Group 2739 2860 2945 Algeria 8711 10505 10971 Bahrain 49406 47493 44600 Comoros 2834 2816 2878 Djibouti 10500 11057 1316 Kuwait 4 | 1857 | 1520 | Chad |
| Gambia, The 2271 2216 2347 Guinea 1705 1794 1871 Guinea-Bissau 1723 1678 1747 Mali 1628 1959 2083 Mozambique 631 821 1027 Niger 933 962 1037 Nigeria 2977 3997 4932 Senegal 2595 2758 2797 Sierra Leone 1063 1245 1414 Togo 1700 1574 1626 Uganda 1253 1480 1861 African Group 2739 2860 2945 Algeria 8711 10505 10971 Bahrain 49406 47493 44600 Comoros 2834 2816 2878 Djibouti 1074 10757 11316 Egypt, Arab Rep. 7745 8397 10340 Iraq 9365 7542 8749 Jordan | 4417 | 5174 | Cote d'Ivoire |
| Guinea 1705 1794 1871 Guinea-Bissau 1723 1678 1747 Mali 1628 1959 2083 Mozambique 631 821 1027 Niger 933 962 1037 Nigeria 2977 3997 4932 Senegal 2595 2758 2797 Sierra Leone 1063 1245 1414 Togo 1700 1574 1626 Uganda 1253 1480 1861 African Group 2739 2860 2945 Algeria 8711 10505 10971 Bahrain 49406 47493 44600 Comoros 2834 2816 2878 Djibouti Egypt, Arab Rep. 7745 8397 10340 Iraq 9365 7542 8749 Jordan 8741 10577 11316 Kuwait 54985 68234 58810 | 15510 | 14400 | Gabon |
| Guinea-Bissau 1723 1678 1747 Mali 1628 1959 2083 Mozambique 631 821 1027 Niger 933 962 1037 Nigeria 2977 3997 4932 Senegal 2595 2758 2797 Sierra Leone 1063 1245 1414 Togo 1700 1574 1626 Uganda 1253 1480 1861 African Group 2739 2860 2945 Algeria 8711 10505 10971 Bahrain 49406 47493 44600 Comoros 2834 2816 2878 Djibouti Egypt, Arab Rep. 7745 8397 10340 Iraq 9365 7542 8749 Iordan 8741 10577 11316 Kuwait 54985 68234 58810 Lebanon 14362 14264 19499 Libya 16746 19884 22540 Mauritania Morocco 4371 5228 6282 Oman 33840 31910 33865 Palestrine 4503 4866 5411 Qatar 86566 87722 95908 Syrian Arab Republic Tunisia 7329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. Arab Group 14362 1287 1957 Albania 5893 8041 10750 Arab Banian 1287 Albania 1938 2280 2884 Brunei Darwashania 1988 Group 14361 1287 Albania 1938 2280 2884 Brunei Darwashania 1987 Albania 1938 2280 2884 Brunei Darwashania 1988 Group 14361 1938 2280 2884 Brunei Darwashania 1989 1989 Franch Rep. Arab Group 26827 27392 26078 Albania 1938 2280 2884 Brunei Darwashania 1989 Group 1989 1989 6795 9789 Indonesia 1589 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgy Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 | 2059 | 2159 | Gambia, The |
| Guinea-Bissau 1723 1678 1747 Mali 1628 1959 2083 Mozambique 631 821 1027 Niger 933 962 1037 Nigeria 2977 3997 4932 Senegal 2595 2758 2797 Silerra Leone 1063 1245 1414 Togo 1700 1574 1626 Uganda 1253 1480 1861 African Group 2739 2860 2945 Algeria 8711 10505 10971 Bahrain 49406 47493 44600 Comoros 2834 2816 2878 Djibouti Egypt, Arab Rep. 7745 8397 10340 Iraq 9365 7542 8749 Iordan 8741 10577 11316 Kuwait 54985 68234 58810 Lebanon 14362 14264 19499 Libya 16746 19884 22540 Mauritania Morocco 4371 5228 6282 Oman 33840 31910 33865 Palestine 4503 4866 5411 Qatar 86566 87722 95908 Syrian Arab Republic Tunisia 7329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. Arab Rep. 10276 11396 Kapana 7776 7965 9789 Indonesia 15917 18316 Kapana 7977 18316 Kapana 7977 1997 1998 Indonesia 15917 18314 20536 Maladives 13359 12608 16306 Palkistan 1325 1924 2390 Turkey 15434 18252 20028 | 2088 | 2671 | Guinea |
| Mali 1628 1959 2083 Mozambique 631 821 1027 Niger 933 962 1037 Nigeria 2977 3997 4932 Senegal 2595 2758 2797 Sierra Leone 1063 1245 1414 Togo 1700 1574 1626 Uganda 1253 1480 1861 Affican Group 2739 2860 2945 Algeria 8711 10505 10971 Bahrain 49406 47493 44600 Comoros 2834 2816 2878 Djibouti 17 1074 1074 1074 Iraq 9365 7542 878 10340 Iraq 9365 7542 8749 1074 Jordan 8741 10577 11316 1044 1049 11316 Kuwait 54985 68234 58810 1284 22540 | 1800 | 1848 | Guinea-Bissau |
| Nigeria 2977 3997 4932 Nigeria 2977 3997 4932 Senegal 2595 2758 2797 Sierra Leone 1063 1245 1414 Togo 1700 1574 1626 Uganda 1253 1480 1861 African Group 2739 2860 2945 Algeria 8711 10505 10971 Bahrain 49406 47493 44600 Comoros 2834 2816 2878 Djibouti Egypt, Arab Rep. 7745 8397 10340 Iraq 9365 7542 8749 Jordan 8741 10577 11316 Kuwait 54985 68234 58810 Lebanon 14362 14264 19499 Libya 16746 19884 22540 Mauritania Morocco 4371 5228 628 Mauritania Morocco 4371 5228 628 Oman 33840 31910 33865 Palestine 4503 4866 5411 Qatar 86566 87722 95908 Saudi Arabia 41955 44310 44037 Somalia Sudan 2110 2502 3089 Syrian Arab Republic Tunisia 7329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. Arab Group 26827 27392 26078 Afghanistan 1938 2280 2884 Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgy Republic 3079 3558 4141 Malaysia 15917 18114 20536 Malaysia 15917 18114 20536 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 10276 16536 20751 Kyrgy Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | 2140 | 2216 | Mali |
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| Nigeria 2977 3997 4932 Senegal 2595 2758 2797 Sierra Leone 1063 1245 1414 Togo 1700 1574 1626 Uganda 1253 1480 1861 African Group 2739 2860 2945 Algeria 8711 10505 10971 Bahrain 49406 47493 44600 Comoros 2834 2816 2878 Djibouti Egypt, Arab Rep. 7745 8397 10340 Iraq 9365 7542 8749 Jordan 8741 10577 11316 Kuwait 54985 68234 58810 Lebanon 14362 14264 19499 Libya 16746 19884 22540 Mauritania Morocco 4371 5228 6282 Oman 33840 31910 33865 Palestine 4503 486 541 | 1132 | 1197 | Niger |
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| Uganda 1253 1480 1861 African Group 2739 2860 2945 Algeria 8711 10505 10971 Bahrain 49406 47493 44600 Comoros 2834 2816 2878 Djibouti Egypt, Arab Rep. 7745 8397 10340 Iraq 9365 7542 8749 Jordan 8741 10577 11316 Kuwait 54985 68234 58810 Lebanon 14362 14264 19499 Libya 16746 19884 22540 Mauritania Morocco 4371 5228 6282 Oman 33840 31910 33865 Palestine 4503 4866 5411 Qatar 86566 87722 95908 Saudi Arabia 41955 44310 44037 Somalia 5 5422 5422 Syrian Arab Republic 7 <td>1921</td> <td>2108</td> <td>Togo</td> | 1921 | 2108 | Togo |
| African Group 2739 2860 2945 Algeria 8711 10505 10971 Bahrain 49406 47493 44600 Comoros 2834 2816 2878 Djibouti Egypt, Arab Rep. 7745 8397 10340 Iraq 9365 7542 8749 Jordan 8741 10577 11316 Kuwait 54985 68234 58810 Lebanon 14362 14264 19499 Libya 16746 19884 22540 Mauritania Morocco 4371 5228 6282 Oman 33840 31910 33865 Palestine 4503 4866 5411 Qatar 86566 87722 95908 Saudi Arabia 41955 44310 44037 Somalia 2110 2502 3089 Syrian Arab Republic Tunisia 7329 8523 10113 | 2054 | 2178 | Uganda |
| Algeria 8711 10505 10971 Bahrain 49406 47493 44600 Comoros 2834 2816 2878 Djibouti Egypt, Arab Rep. 7745 8397 10340 Iraq 9365 7542 8749 Jordan 8741 10577 11316 Kuwait 54985 68234 58810 Lebanon 14362 14264 19499 Libya 16746 19884 22540 Mauritania Morocco 4371 5228 6282 Oman 33840 31910 33865 Palestine 4503 4866 5411 Qatar 86566 87722 95908 Saudi Arabia 41955 44310 44037 Somalia Sudan 2110 2502 3089 Syrian Arab Republic Tunisia 7329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. Arab Group 26827 | | | |
| Bahrain 49406 47493 44600 Comoros 2834 2816 2878 Djibouti Egypt, Arab Rep. 7745 8397 10340 Iraq 9365 7542 8749 Jordan 8741 10577 11316 Kuwait 54985 68234 58810 Lebanon 14362 14264 19499 Libya 16746 19884 22540 Mauritania Morocco 4371 5228 6282 Oman 33840 31910 33865 Palestine 4503 4866 5411 Qatar 86566 87722 95908 Saudi Arabia 41955 44310 44037 Somalia 2110 2502 3089 Syrian Arab Republic 1 1 1 Tunisia 7329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. 47392 < | 3212 | 3272 | African Group |
| Comoros 2834 2816 2878 Djibouti Egypt, Arab Rep. 7745 8397 10340 Iraq 9365 7542 8749 Jordan 8741 10577 11316 Kuwait 54985 68234 58810 Lebanon 14362 14264 19499 Libya 16746 19884 22540 Mauritania Worcco 4371 5228 6282 Oman 33840 31910 33865 9385 Palestine 4503 4866 5411 04037 Qatar 86566 87722 95908 5411 04037 Somalia 2110 2502 3089 | 11697 | 10682 | Algeria |
| Djibouti Egypt, Arab Rep. 7745 8397 10340 Iraq 9365 7542 8749 Jordan 8741 10577 11316 Kuwait 54985 68234 58810 Lebanon 14362 14264 19499 Libya 16746 19884 22540 Mauritania *** *** Morocco 4371 5228 6282 Oman 33840 31910 33865 Palestine 4503 4866 5411 Qatar 86566 87722 95908 Saudi Arabia 41955 44310 44037 Somalia *** *** Sudan 2110 2502 3089 Syrian Arab Republic *** *** Tunisia 7329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. *** *** *** 4592 Arebajian 1287 1957 *** 4113 4113 4113 <td< td=""><td>48111</td><td>40933</td><td>Bahrain</td></td<> | 48111 | 40933 | Bahrain |
| Egypt, Arab Rep. 7745 8397 10340 Iraq 9365 7542 8749 Jordan 8741 10577 11316 Kuwait 54985 68234 58810 Lebanon 14362 14264 19499 Libya 16746 19884 22540 Mauritania Morocco 4371 5228 6282 Oman 33840 31910 33865 Palestine 4503 4866 5411 Qatar 86566 87722 95908 Saudi Arabia 41955 44310 44037 Somalia Sudan 2110 2502 3089 Syrian Arab Republic Tunisia 7329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. Arab Group 26827 27392 26078 Afghanistan 1287 1957 Albania 5893 8041 < | 2960 | 3141 | Comoros |
| Iraq | 4489 | 5481 | Djibouti |
| Iraq | 10570 | 11951 | Egypt, Arab Rep. |
| Jordan 8741 10577 11316 Kuwait 54985 68234 58810 Lebanon 14362 14264 19499 Libya 16746 19884 22540 Mauritania Morocco 4371 5228 6282 Oman 33840 31910 33865 Palestine 4503 4866 5411 Qatar 86566 87722 95908 Saudi Arabia 41955 44310 44037 Somalia Sudan 2110 2502 3089 Syrian Arab Republic Tunisia 7329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. Arab Group 26827 27392 26078 Afghanistan 1287 1957 Albania 5893 8041 10750 Azerbaijan 4064 7222 14313 Bangladesh 1938 2280 | 10122 | 9255 | Iraq |
| Kuwait 54985 68234 58810 Lebanon 14362 14264 19499 Libya 16746 19884 22540 Mauritania Morocco 4371 5228 6282 Oman 33840 31910 33865 Palestine 4503 4866 5411 Qatar 86566 87722 95908 Saudi Arabia 41955 44310 44037 Somalia Sudan 2110 2502 3089 Syrian Arab Republic Tunisia 7329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. Yemen, Rep. Arab Group 26827 27392 26078 Afghanistan 1287 1957 Albania 1877 1957 Albania 5893 8041 10750 Azerbaijan 4064 7222 14313 Bangladesh 1938 2280 2884 Brunei Darussalam 69023 | 10146 | 9817 | Jordan |
| Lebanon 14362 14264 19499 Libya 16746 19884 22540 Mauritania *** Morocco 4371 5228 6282 Oman 33840 31910 33865 Palestine 4503 4866 5411 Qatar 86566 87722 95908 Saudi Arabia 41955 44310 44037 Somalia *** *** *** Sudan 2110 2502 3089 Syrian Arab Republic *** *** *** Tunisia 7329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. *** *** 4592 Arab Group 26827 27392 26078 Afghanistan 1287 1957 Allbania 5893 8041 10750 Azerbaijan 4064 7222 14313 Bangladesh 1938 2280 2884 Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Iran, Islamic Rep. 10067 11998 133806 Kazakhstan | 54834 | 3017 | Kuwait |
| Libya 16746 19884 22540 Mauritania Morocco 4371 5228 6282 Oman 33840 31910 33865 Palestine 4503 4866 5411 Qatar 86566 87722 95908 Saudi Arabia 41955 44310 44037 Somalia Sudan 2110 2502 3089 Syrian Arab Republic Tunisia 7329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. Arab Group 26827 27392 26078 Afghanistan 1287 1957 Albania 5893 8041 10750 Azerbaijan 4064 7222 14313 Bangladesh 1938 2280 2884 Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | 16299 | 11649 | Lebanon |
| Mauritania Morocco 4371 5228 6282 Oman 33840 31910 33865 Palestine 4503 4866 5411 Qatar 86566 87722 95908 Saudi Arabia 41955 44310 44037 Somalia 300 300 300 300 Syrian Arab Republic 300 300 300 300 Tunisia 7329 8523 10113 300 | 11022 | 10282 | |
| Morocco 4371 5228 6282 Oman 33840 31910 33865 Palestine 4503 4866 5411 Qatar 86566 87722 95908 Saudi Arabia 41955 44310 44037 Somalia 300 44037 500 Syrian Arab Republic 500 3089 500 Tunisia 7329 8523 10113 10114 10113 10114 10113 10114 10114 10113 10114 10114 10113 10114 10113 10114 10113 10114 10113 10114 10113 10114 10113 10114 10113 10114 10113 10114 10113 10114 10113 | 11022 | 10282 | Libya |
| Oman 33840 31910 33865 Palestine 4503 4866 5411 Qatar 86566 87722 95908 Saudi Arabia 41955 44310 44037 Somalia 3000 44037 5000 Sudan 2110 2502 3089 Syrian Arab Republic 3329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. 3000 3000 3000 3000 Arab Group 26827 27392 26078 26078 Afghanistan 1287 1957 1957 Albania 1987 1957 Albania 5893 8041 10750 10750 1000 2000 2884 Brunei Darussalam 69023 69788 67753 67753 69788 67753 67753 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 </td <td></td> <td></td> <td>Mauritania</td> | | | Mauritania |
| Palestine 4503 4866 5411 Qatar 86566 87722 95908 Saudi Arabia 41955 44310 44037 Somalia Sudan 2110 2502 3089 Syrian Arab Republic Tunisia 7329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. Arab Group 26827 27392 26078 Afghanistan 1287 1957 Albania 5893 8041 10750 Azerbaijan 4064 7222 14313 Bangladesh 1938 2280 2884 Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4 | 7127 | 6916 | Morocco |
| Qatar 86566 87722 95908 Saudi Arabia 41955 44310 44037 Somalia 3000 3089 Syrian Arab Republic 329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. 329 26078 3089 Arab Group 26827 27392 26078 Afghanistan 1287 1957 Albania 5893 8041 10750 Azerbaijan 4064 7222 14313 Bangladesh 1938 2280 2884 Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 <td< td=""><td>30147</td><td></td><td>Oman</td></td<> | 30147 | | Oman |
| Saudi Arabia 41955 44310 44037 Somalia 2110 2502 3089 Syrian Arab Republic Tunisia 7329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. Arab Group 26827 27392 26078 Afghanistan 1287 1957 Albania 5893 8041 10750 Azerbaijan 4064 7222 14313 Bangladesh 1938 2280 2884 Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 | 6049 | 5394 | Palestine |
| Somalia Sudan 2110 2502 3089 Syrian Arab Republic Tunisia 7329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. 26827 27392 26078 Afghanistan 1287 1957 Albania 5893 8041 10750 Azerbaijan 4064 7222 14313 Bangladesh 1938 2280 2884 Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname | 95965 | 85266 | Qatar |
| Sudan 2110 2502 3089 Syrian Arab Republic Tunisia 7329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. 72792 26078 Arab Group 26827 27392 26078 Afghanistan 1287 1957 Albania 5893 8041 10750 Azerbaijan 4064 7222 14313 Bangladesh 1938 2280 2884 Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 <td< td=""><td>48921</td><td>44328</td><td>Saudi Arabia</td></td<> | 48921 | 44328 | Saudi Arabia |
| Syrian Arab Republic Tunisia 7329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. *** *** Arab Group 26827 27392 26078 Afghanistan 1287 1957 Albania 5893 8041 10750 Azerbaijan 4064 7222 14313 Bangladesh 1938 2280 2884 Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 | 879 | 830 | Somalia |
| Tunisia 7329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. 7 27392 26078 Arab Group 26827 27392 26078 Afghanistan 1287 1957 Albania 5893 8041 10750 Azerbaijan 4064 7222 14313 Bangladesh 1938 2280 2884 Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 | 4188 | 4023 | Sudan |
| Tunisia 7329 8523 10113 United Arab Emirates 102495 90895 54922 Yemen, Rep. 7 27392 26078 Arab Group 26827 27392 26078 Afghanistan 1287 1957 Albania 5893 8041 10750 Azerbaijan 4064 7222 14313 Bangladesh 1938 2280 2884 Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 | | | Syrian Arab Republi |
| Yemen, Rep. Arab Group 26827 27392 26078 Afghanistan 1287 1957 Albania 5893 8041 10750 Azerbaijan 4064 7222 14313 Bangladesh 1938 2280 2884 Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | 10510 | 9728 | Tunisia |
| Yemen, Rep. Arab Group 26827 27392 26078 Afghanistan 1287 1957 Albania 5893 8041 10750 Azerbaijan 4064 7222 14313 Bangladesh 1938 2280 2884 Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | 65219 | | United Arab Emirat |
| Arab Group 26827 27392 26078 Afghanistan 1287 1957 Albania 5893 8041 10750 Azerbaijan 4064 7222 14313 Bangladesh 1938 2280 2884 Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | | | Yemen, Rep. |
| Afghanistan 1287 1957 Albania 5893 8041 10750 Azerbaijan 4064 7222 14313 Bangladesh 1938 2280 2884 Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | 23645 | 16855 | Arab Group |
| Albania 5893 8041 10750 Azerbaijan 4064 7222 14313 Bangladesh 1938 2280 2884 Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | 2068 | 1979 | Afghanistan |
| Azerbaijan 4064 7222 14313 Bangladesh 1938 2280 2884 Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | 11879 | 13295 | Albania |
| Bangladesh 1938 2280 2884 Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | 14854 | 13700 | Azerbaijan |
| Brunei Darussalam 69023 69788 67753 Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | 3700 | 4818 | Bangladesh |
| Guyana 7776 7965 9789 Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | 63148 | 62244 | Brunei Darussalam |
| Indonesia 5689 6699 8287 Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | 11262 | 18680 | Guyana |
| Iran, Islamic Rep. 10067 11998 13806 Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | | 11445 | Indonesia |
| Kazakhstan 10276 16536 20751 Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | 10150 12698 | 11445 | Iran, Islamic Rep. |
| Kyrgyz Republic 3079 3558 4141 Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | 24290 | | Kazakhstan |
| Malaysia 15917 18114 20536 Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | | 25337 | |
| Maldives 13359 12608 16306 Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | 4805 | 4706 | Kyrgyz Republic |
| Pakistan 3245 3707 3907 Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | 24787 | 26435 | Malaysia |
| Suriname 13068 15908 18840 Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | 17285 | 13049 | Maldives |
| Tajikistan 1325 1924 2390 Turkey 15434 18252 20028 | 4278 | 4623 | Pakistan |
| Turkey 15434 18252 20028 | 19317 | 16130 | Suriname |
| , | 2985 | 3658 | Tajikistan |
| , | 35050 | 20205 | Tuelou |
| Turkmenistan 4622 5629 8617 | 25959 | 28385 | Turkey |
| | 12994 | | Turkmenistan |
| Uzbekistan 2786 3405 4652 | 6087 | 6994 | Uzbekistan |
| Asian Group 11033 11940 13873 | 15141 | 15759 | Asian Group |
| OIC Total 13533 14064 14298 | 13999 | 11962 | OIC Total |

Annex 39: Percentage of Population with Access to Improved Water Source

| | | of Population w | | | | |
|-------------------------|--------------|-----------------|--------------|--------------|--------------|--------------|
| Country | 1988-1992 | 1993-1997 | 1998-2002 | 2003-2007 | 2008-2012 | 2013-2017 |
| Benin Burkina Faso | 59.1 45.4 | 63.4 54.3 | 67.7 63.6 | 72.0 72.8 | 76.2 81.7 | 77.9 82.3 |
| Cameroon | 53.4 | 58.6 | 63.8 | 69.0 | 74.1 | 75.6 |
| Chad | 40.8 | 43.3 | 45.7 | 48.2 | 50.7 | 50.8 |
| Cote d'Ivoire | 76.3 | 77.3 | 78.5 | 79.8 | 81.2 | 81.9 |
| Gabon | 70.5 | 81.2 | 85.6 | 89.3 | 92.2 | 93.2 |
| Gambia | 77.2 | 80.7 | 84.0 | 87.1 | 90.1 | 90.2 |
| Guinea | 54.5 | 59.6 | 64.8 | 69.8 | 74.8 | 76.8 |
| Guinea-Bissau | | 47.1 | 55.5 | 64.3 | 73.6 | 79.3 |
| Mali | 31.0 | 40.6 | 50.6 | 60.8 | 70.9 | 77.0 |
| Mozambique | | 38.9 | 42.6 | 46.3 | 50.1 | 51.1 |
| Niger | 35.7 | 40.7 | 45.7 | 50.8 | 56.2 | 58.2 |
| Nigeria | 42.4 | 48.3 | 54.2 | 60.1 | 65.5 | 68.5 |
| Senegal | 61.4 | 65.2 | 68.9 | 72.6 | 76.3 | 78.5 |
| Sierra Leone | 38.8 | 44.0 | 49.2 | 54.3 | 59.5 | 62.6 |
| Togo | 48.7 | 51.7 | 54.8 | 57.9 | 61.1 | 63.1 |
| Uganda | 43.6 | 51.6 | 59.6 | 67.7 | 75.8 | 79.0 |
| African Group | 46,06 | 55,68 | 60,87 | 66,05 | 71,18 | 73,29 |
| Algeria | 91.7 | 90.5 | 88.8 | 87.0 | 84.9 | 83.6 |
| Bahrain | 94.9 | 97.1 | 100 | 100 | 100 | 100 |
| Comoros | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| Djibouti | 78.2 | 80.2 | 83.7 | 87.1 | 89.9 | 90.0 |
| Egypt | 93.9 | 95.1 | 96.4 | 97.6 | 98.8 | 99.4 |
| Iraq | 78.1 | 78.9 | 81.3 | 83.7 | 86.1 | 86.6 |
| Jordan | 96.5 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 |
| Kuwait | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| Lebanon | | 83.3 | 88.1 | 94.1 | 99.0 | 99.0 |
| Libya | 71.2 | 71.2 | 71.2 | | | |
| Mauritania | 31.8 | 38.2 | 44.6 | 50.7 | 56.7 | 57.9 |
| Morocco | 74.0 | 76.9 | 79.3 | 81.9 | 84.6 | 85.4 |
| Oman | 79.3 | 81.8 | 85.5 | 89.4 | 93.3 | 93.4 |
| Palestine | 95.8 | 96.0 | 86.7 | 76.0 | 65.1 | 58.4 |
| Qatar | 98.7 | 98.8 | 99.4 | 99.9 | 100 | 100 |
| Saudi Arabia | 92.3 | 94.0 | 95.7 | 97.0 | 97.0 | 97.0 |
| Somalia | | 21.1 | 25.3 | 30.7 | 31.7 | |
| Sudan | | | | | 55.5 | 55.5 |
| Syrian Arab Republic | 85.8 | 86.7 | 88.0 | 89.1 | 90.1 | 90.1 |
| Tunisia | 84.2 | 87.9 | 91.1 | 94.1 | 96.9 | 97.7 |
| United Arab E | | 99.7 | 99.7 | 99.6 | 99.6 | 99.6 |
| Yemen, Rep. | 65.1 | 61.9 | 58.5 | 55.0 | 54.9 | |
| Arab Group | 72,74 | 78,41 | 79,51 | 77,22 | 80,46 | 76,35 |
| Afghanistan | 21.3 | 25.0 | 33.8 | 42.6 | 51.6 | 55.3 |
| Albania | | 95.8 | 96.1 | 95.9 | 95.4 | 95.1 |
| Azerbaijan | 68.9 | 71.7 | 75.8 | 80.2 | 84.5 | 87.0 |
| Bangladesh | 69.7 | 73.6 | 77.5 | 81.3 | 84.8 | 86.9 |
| Brunei Daruss | salam | | | | | |
| Indonesia | 71.2 | 75.4 | 79.3 | 82.6 | 85.7 | 87.4 |
| Iran | 92.4 | 93.5 | 94.5 | 95.4 | 96.0 | 96.2 |
| Kazakhstan | 94.1 | 93.9 | 93.7 | 93.4 | 93.1 | 92.9 |
| Kyrgyz Rep. | 74.5 | 76.3 | 80.0 | 83.8 | 87.6 | 90.0 |
| Malaysia | 91.1 | 93.0 | 94.8 | 96.4 | 97.9 | 98.2 |
| Maldives | 93.2 | 94.2 | 95.9 | 97.5 | 98.6 | 98.6 |
| Pakistan | 86.7 | 87.8 | 88.9 | 89.9 | 90.9 | 91.4 |
| Tajikistan | | 57.2 | 61.5 | 66.6 | 71.7 | 73.8 |
| Turkey | 87.1 | 90.6 | 93.8 | 96.9 | 99.5 | 100.0 |
| Turkmenistan | 1 | 59.3 | 59.9 | 60.4 | | |
| Uzbekistan | 89.9 | 89.2 | 88.4 | 87.5 | 87.3 | |
| Guyana | 80.0 | 83.9 | 87.8 | 91.8 | 95.9 | 98.3 |
| Suriname | | 88.4 | 90.3 | 92.6 | 94.8 | 94.8 |
| Asian Group | 56,67222222 | 74,93333333 | 77,33333333 | 79,71111111 | 78,62777778 | 74,77222222 |
| OIC | 58,49065161 | 69,6744801 | 72,57100416 | 74,32696574 | 76,75444643 | 74,80393147 |
| World | 67,659 | 77,26 | 79,767 | 82,0255 | 83,788 | 82,6795 |



Annex 40: Per Capita Food Supply Variability, kcal/capita/day

| Country Name | 2000 | 2005 | 2010 | 2015 | 2019 |
|--------------------------|-----------|------------|-----------|-----------|-------|
| Benin | 46 | 51 | 39 | 11 | 12 |
| Burkina Faso | 53 | 56 | 36 | 14 | 41 |
| Cameroon | 17 | 14 | 12 | 23 | 25 |
| Chad | 78 | 26 | 40 | 49 | 36 |
| Cote d'Ivoire | 37 | 20 | 65 | 49 | 22 |
| Gabon | 46 | 38 | 49 | 65 | 52 |
| Gambia, The | 56 | 69 | 73 | 42 | 49 |
| Guinea | 68 | 28 | 40 | 54 | 25 |
| Guinea-Bissau | 77 | 22 | 19 | 92 | 70 |
| Mali | 15 | 26 | 31 | 54 | 30 |
| Mozambique | 30 | 26 | 32 | 50 | 52 |
| · | | | | 44 | |
| Niger | 32 | 32 | 21 | | 41 |
| Nigeria | 17 | 19 | 14 | 29 | 6 |
| Senegal | 31 | 28 | 57 | 45 | 42 |
| Sierra Leone | 60 | 19 | 19 | 69 | 58 |
| Togo | 33 | 24 | 8 | 18 | 39 |
| Uganda | 59 | 53 | 46 | 32 | 43 |
| African Group | 44,41 | 32,41 | 35,35 | 43,53 | 37,82 |
| Algeria | | | | | |
| Bahrain | | | | | |
| Comoros | | 41 | 39 | 27 | 29 |
| Djibouti | 26 | 39 | 21 | 10 | 27 |
| Egypt, Arab Rep. | 22 | 58 | 37 | 41 | 47 |
| Iraq | 35 | 59 | 34 | 38 | 85 |
| Jordan | 52 | 101 | 55 | 82 | 36 |
| Kuwait | 94 | 34 | 111 | 71 | 100 |
| Lebanon | 51 | 28 | 62 | 169 | 97 |
| | 31 | 20 | 02 | 109 | 97 |
| Libya | | | | | |
| Mauritania | | •• | | | 20 |
| Morocco | 63 | 43 | 22 | 37 | 33 |
| Oman | 70 | 30 | 32 | 60 | 39 |
| Palestine | | | | | |
| Qatar | | | | | |
| Saudi Arabia | 26 | 22 | 74 | 65 | 23 |
| Somalia | | 9 | 38 | 146 | 90 |
| Sudan | | 24 | 16 | 60 | 31 |
| Syrian Arab Republic | | | | 36 | 20 |
| Tunisia | 75 | 29 | 29 | 25 | 24 |
| United Arab Emirates | 73 | 92 | 55 | 70 | 93 |
| Yemen, Rep. | 11 | 24 | 15 | 56 | 67 |
| Arab Group | 49,83 | 42,20 | 42,67 | 62,06 | 52,56 |
| Afghanistan | 52 | 52 | 21 | 93 | 43 |
| Albania | 73 | 62 | 60 | 105 | 36 |
| | | | | | |
| Azerbaijan | 87 | 29 | 81 | 21 | 76 |
| Bangladesh | 70 | 21 | 21 | 7 | 52 |
| Brunei Darussalam | 51 | 65 | 42 | 26 | 11 |
| Guyana | 44 | 45 | 39 | 57 | 50 |
| Indonesia | 42 | 9 | 22 | 27 | 34 |
| Iran, Islamic Rep. | 27 | 24 | 33 | 69 | 53 |
| Kazakhstan | 68 | 32 | 33 | 25 | 40 |
| Kyrgyz Republic | 92 | 101 | 55 | 26 | 34 |
| Malaysia | 23 | 29 | 25 | 42 | 19 |
| Maldives | 34 | 60 | 59 | 65 | 74 |
| Pakistan | 19 | 54 | 21 | 12 | 29 |
| Suriname | 43 | 21 | 26 | 44 | 24 |
| Tajikistan | 15 | 12 | 9 | 24 | 16 |
| Turkey | 39 | 20 | 19 | 12 | 32 |
| Turkmenistan | 18 | 48 | 29 | 53 | 12 |
| | 21 | 50 | | 35 | |
| Uzbekistan | | | 71 | | 79 |
| Asian Group | 45,44 | 40,78 | 37,00 | 41,28 | 39,67 |
| | | | | | |
| OIC Total World Total | 46,6 5 | 38,5 13 | 38,3 9 | 49,0 6 | 43,4 |