

Introduction

This chapter is to provide proper round for a statistical comparison between Iran and other countries in some aspects. Sources of the presented statistics are the United Nations statistical yearbooks on such fields as population, human development and OPEC Annual Statistical Bulletin.

The first table of the chapter shows the world's population by major areas for the mid-year 2015 and the period of 2020 to 2050. Table 2 shows information about the population, population density, population aged under 15 and population aged over 60 and urbanization rate of the some world countries. Table 3 represents crude birth and death rate in some selected countries. In Table 4, the information related to Human Development Index is presented for some selected world countries. Due to the significant role of oil and gas in the economy of the country in view of energy production, information provided in this connection among OPEC member countries claims a larger share than other sections of this chapter. Several points should be taken into consideration while using the statistics presented here:

1. As figures displayed in this chapter have been extracted from the United Nations Statistical Yearbook or other international sources, data for Iran may not always agree with the figures shown in other chapters.

2. In the classification of regions presented in OPEC Statistical Yearbook, the former Soviet Union, Turkey and the Caribbean states are included in East Europe, Europe and Latin America, respectively.

3. Gabon which has left OPEC since 1995, rejoined OPEC in 2016.

4. Indonesia has left the OPEC in 2016

5. Since 2007, Angola and Ecuador joined the OPEC.

6. Since 2010, the components used for calculating Human Development Index (HDI) has changed based on international recommendation according to the Table 24.4.

7. It should be mentioned that changes in the figures of the indicator is due to revision made in the new HDR¹ report.

It should be noted that based on the classifications used by UN, countries are classified into the following different groups in terms of latest UN HDR publication:

- A. Countries with HDI 0.80 to 1 are considered as countries with very high HDI
- B. Countries with HDI 0.70 to 0.79 are regarded as countries with high HDI.
- C. Countries with HDI 0.55 to 0.69 are considered as countries with medium HDI.
- D. Countries with HDI less than 0.54 are considered as countries with low HDI.

It is worth mentioning that this classification differs in the UN publications in various years.

¹ Human Development Report

Definitions and concepts

Birth and death rate (Crude birth and death rate): the annual number of births and deaths per 1,000 total population. These rates are usually presented as “crude rates” since they do not take a population’s age structure into account. Thus, crude death rates in more developed countries with a relatively large portion of high-mortality of older population are often higher than those in less developed countries with lower life expectancy.

Human Development Index (HDI): A composite index measuring average achievement in three basic dimensions of human development for countries: long and healthy life, access to knowledge and education as well as a decent standard of living.

Life expectancy at birth: Number of years a newborn infant could expect to live if prevailing patterns of age-specific mortality rates at the time of its birth stay the same throughout the infant’s life.

Mean years of schooling: Average number of years of education received by people ages 25 and older, converted from education attainment levels using official durations of each level.

Expected years of schooling: Number of years of schooling that a child of school entrance age can expect to receive if prevailing patterns of age-specific enrolment rates persist throughout the child’s life.

Gross national income (GNI) per capita:

Aggregate income of an economy generated by its production and its ownership of factors of production, less the incomes paid for the use of factors of production owned by the rest of the world, converted to international dollars using purchasing power parity (PPP) rates, divided by midyear population.

Proven reserves: An estimated quantity of all hydrocarbons, statistically defined as crude oil or natural gas, which is according to geological and engineering data recoverable with reasonable certainty from known reservoirs under existing economic and technological conditions.

Crude oil: A mixture of hydrocarbons that exists in a liquid phase in natural underground reservoirs and remains liquid at atmospheric pressure after coming to surface. Production volumes reported as crude oil include:

- a) Liquids technically defined as crude oil;
- b) Small amounts of hydrocarbons that exist in the gaseous phase in natural underground reservoirs but turn liquid at atmospheric pressure after being recovered from oil well;
- c) Small amounts of non-hydrocarbons, produced with oil.

Natural gas: A mixture of hydrocarbon compounds and small quantities of various non-hydrocarbons existing in the gaseous phase or in solution with oil in natural underground reservoirs.

Gross product: The total flow of natural gas from oil and gas reservoirs of the non-

dissolved associated and non-associated gas.

Petroleum products: Products obtained from refining crude oil, unsaturated oil products, NGLs, and other hydrocarbon compounds. These include aviation gasoline, motor gasoline, naphtha, kerosene, jet fuel, distillate fuel oil, residual fuel oil, liquefied petroleum gas, lubricants, paraffin wax, petroleum coke, asphalt and other products.

Consumption of refined oil products: consumption of products delivered across the nation, including fuels used by refineries and waste materials, and products from gas complexes, except fuels for vessels.

Marketed natural gas production: It is equal to the volume of natural gas gross production, minus the volumes of gas flared, injected into fields, and shrank. Consequently, it is the process of gas transformation and purification for extraction of natural gas liquids.

Selected information

Estimation shows that the population of the world in 2100 will be 11184 million. Asia and Africa with 4780 and 4468 million will have the highest population, respectively.

In 2016, 189 world's countries were ranked according to the Human Development Index, out of which, 58 countries were ranked with very high human development in the world. Countries such as Norway, Switzerland, Australia, Ireland, Germany, Iceland, Hong Kong, Sweden, Singapore, and the Netherlands are ranked from 1 to 10, respectively.

In 2015, 2016, and 2017, Iran's HDIs were 0.774, 0.796, and 0.798, respectively. Iran ranked 60th among the world countries in 2017. It is necessary to mention that Iran also ranked 60th in 2016.

In 2016, Iranian life expectancy at birth was 76.2 years.

According to the statistics released by OPEC, Iranian crude oil production in 2017 was 3867 thousand barrels per day. Iran has ranked third among 13 OPEC member countries. Saudi Arabia and Iraq with 9959 and 4469 thousand barrels production are ranked first and second among the world's oil producing countries, respectively.

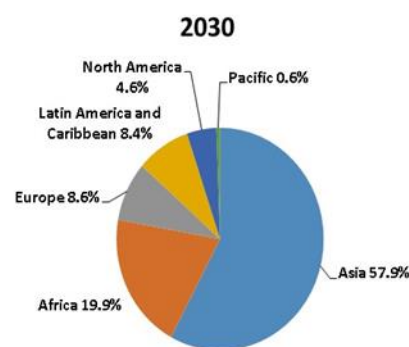
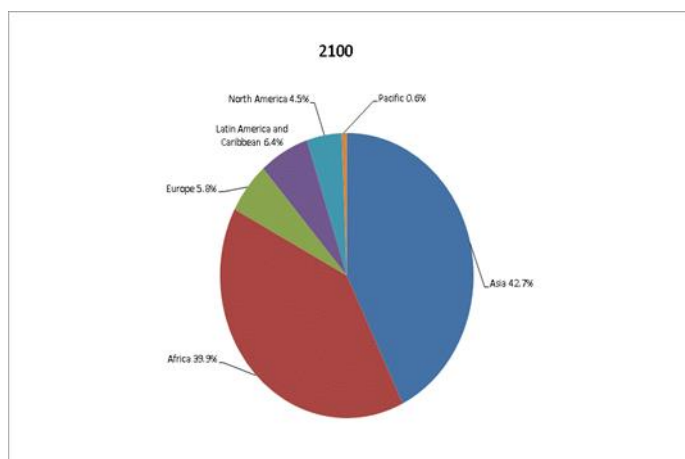
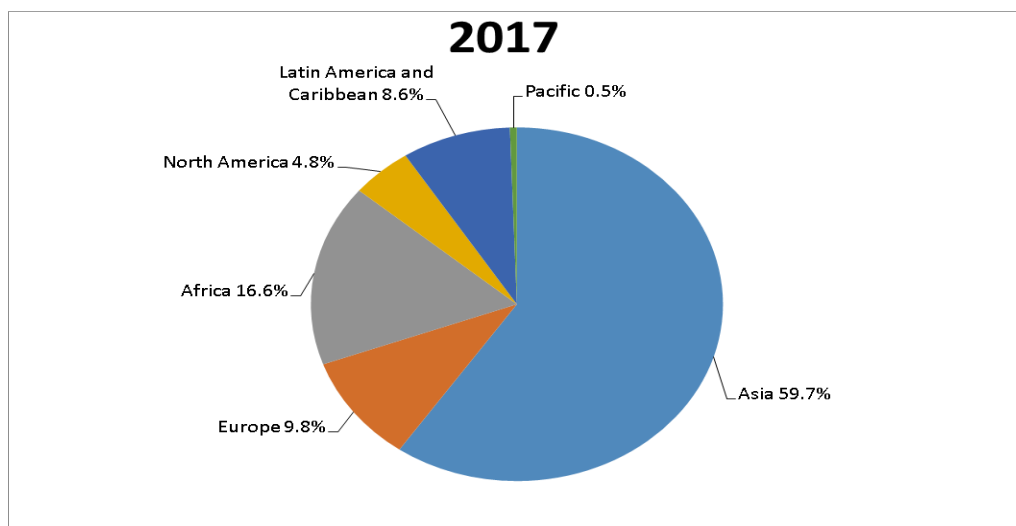
According to the cited statistics, Iran ranked fourth among OPEC oil exporting countries in 2017 by 2125 thousand barrels per day production. In addition, supplying 238 billion cubic metres of natural gas to the market, made Iran the largest gas supplier in OPEC.

24.1. THE WORLD POPULATION AND ITS PROJECTION BY AREA (mln persons)

Area	2017	2030 ⁽¹⁾	2050	2100
World	7550	8551	9772	11184
Asia	4504	4947	5257	4780
Africa	1256	1704	2528	4468
Europe	742	739	716	653
Latin America and the Caribbean	646	718	780	712
Northern America	361	395	435	499
Pacific	41	48	57	72

1.Revised figures.
Source: United Nations.

24.1.The World Population And Its Projection by Area



For data see Table 24.1.

24.2. SOME POPULATION INDICATORS BY COUNTRIES

Country	Population (million)	Population under 14 (percent)	Population over 60 (percent)	Population density (person per sq km)	Percentage of urbanization
					2017
Mid-year 2018					2017
<i>Asia</i>					
Azerbaijan, Republic.....	9.92	23.3	10.6	120.1	55.7 ⁽¹⁾
Jordan.....	9.90	35.2	5.8	111.6	91.0
Armenia.....	2.93	20.1	17.5	103.1	63.1
Uzbekistan.....	32.37	28.0	7.9	76.1	25.3
Afghanistan.....	36.37	42.6	4.2	55.7	25.5
United Arab Emirates.....	9.54	13.9	2.6	114.1	86.5
Indonesia.....	266.80	27.0	8.9	147.3	55.3
I.R. Iran.....	82.01	23.7	9.1	50.4	74.9
Bahrain.....	1.57	19.2	4.9	2061.8	89.3
Babgladesh.....	166.37	27.8	7.5	1278.1	36.6
Pakistan.....	200.81	34.7	6.8	260.5	36.7
Tajikistan.....	9.11	35.3	6.0	65.1	27.1
Thailand.....	69.18	17.0	17.6	135.4	49.9
Turkmenistan.....	5.85	30.8	7.6	12.5	51.6
Turkey.....	81.92	24.6	12.3	106.4	75.1
China.....	1415.05	17.6	16.6	150.7	59.2 ⁽²⁾
Japan.....	127.19	12.8	33.6	348.9	91.6
Singapore.....	5.79	14.7	20.4	8274.1	100.0
Syria.....	18.28	35.7	7.1	99.6	54.2
Iraq.....	39.34	40.2	5.0	90.6	70.5
Saudi Arabia.....	33.55	24.9	5.8	15.6	83.8
Oman.....	4.83	21.6	4.1	15.6	84.5
Palestine ⁽³⁾	8.45	27.8	16.3	390.6	92.4
Philippine.....	106.51	31.5	7.8	357.2	46.9
Kyrgyzstan.....	6.13	32.1	7.8	32.0	36.4
Kazakhstan.....	18.40	28.3	11.3	6.8	57.4
Qatar.....	2.69	13.9	3.1	232.1	99.1
Republic of Korea.....	51.16	13.4	21.1	526.2	81.5
Kuwait.....	4.20	21.0	5.3	235.5	100.0
Georgia.....	3.91	19.4	21.1	56.2	58.6 ⁽³⁾
Lebanon.....	6.09	22.6	12.3	595.7	88.6
Malaysia ⁽⁴⁾	32.04	24.0	10.0	97.5	76.0 ⁽⁴⁾
India.....	1354.05	27.4	9.6	455.4	34.0
Yemen.....	28.92	39.6	4.6	54.8	36.6
<i>Africa</i>					
South Africa.....	65.97	29.6	8.2	24.9	63.6
Algeria.....	42.01	29.5	9.6	17.6	72.6
Burkina Faso.....	19.75	44.9	3.9	72.2	29.4
Tunisia.....	11.66	24.0	12.6	75.0	68.9
Zimbabwe.....	16.91	41.0	4.2	43.7	32.2
Sudan.....	41.51	40.5	5.6	23.5	34.6
Cameroon.....	24.68	42.5	4.8	52.2	56.4
Dem.Republic of the Congo.....	5.40	42.1	5.2	15.8	66.9
Libyan Arab Jamahiriya.....	6.47	27.9	6.8	3.7	80.1
Morocco.....	36.19	27.2	11.0	81.1	62.5
Egypt.....	99.38	33.3	8.0	99.8	42.7
Nigeria.....	195.88	43.8	4.5	215.1	50.3

24.2. SOME POPULATION INDICES BY COUNTRIES (continued)

Country	Population (million)	Population under 14 (percent)	Population over 60 (percent)	Population density (population per sq km)	Percentage of urbanization
	Mid-year 2018				2017
South America					
Argentina.....	44 .69	24 .7	15 .6	16 .3	91 .9
Brazil.....	210 .87	21 .4	13 .1	25 .2	86 .6
Peru.....	32 .55	27 .1	10 .7	25 .4	77 .9
Chile.....	18 .20	20 .1	16 .5	24 .5	87 .6
Venezuela.....	32 .38	27 .3	10 .2	36 .7	88 .2
North America					
USA.....	326 .77	18 .8	22 .0	35 .7	82 .3
Canada.....	36 .95	16 .1	24 .0	4 .1	81 .4
Cuba.....	11 .49	15 .9	20 .5	107 .9	77 .0
Mexico.....	130 .76	26 .3	10 .4	67 .3	80 .2
Europe					
Germany.....	82 .29	13 .1	28 .4	236 .1	77 .3
Austria.....	8 .75	14 .1	25 .5	106 .2	58 .3
Spain ⁽⁵⁾	46 .40	14 .6	25 .8	93 .0	80 .3 ⁽⁵⁾
Ukraine.....	44 .01	15 .8	23 .5	76 .0	69 .4 ⁽⁶⁾
Italy.....	59 .29	13 .4	29 .8	201 .6	70 .4
Ireland.....	4 .80	21 .5	19 .4	69 .7	63 .2
Belgium.....	11 .50	17 .2	24 .9	379 .7	98 .0
Bulgaria.....	7 .04	14 .4	27 .9	64 .8	75 .0
Bosnia and Herzegovina.....	3 .50	14 .2	23 .9	68 .7	48 .2
UK.....	66 .57	17 .8	24 .2	275 .2	83 .4
Portugal.....	10 .29	13 .4	28 .3	112 .4	65 .2
Denmark.....	5 .75	16 .4	25 .6	135 .6	87 .9
Romania.....	19 .58	15 .2	25 .3	85 .1	54 .0
Sweden.....	9 .98	17 .7	25 .6	24 .3	87 .4
Switzerland.....	8 .54	14 .9	24 .5	216 .2	73 .8
Russian Federation.....	143 .96	17 .8	21 .5	8 .8	74 .4
France.....	65 .23	18 .0	26 .1	119 .1	80 .4
Finland.....	5 .54	16 .5	28 .1	18 .2	85 .4 ⁽⁷⁾
Poland.....	38 .10	14 .9	24 .6	124 .4	60 .1
Hungary.....	9 .69	14 .3	26 .3	107 .0	71 .4
Norway.....	5 .35	17 .8	22 .6	14 .7	82 .2 ⁽⁸⁾
Netherlands.....	17 .08	16 .2	25 .5	506 .7	91 .5
Greece.....	11 .14	14 .1	26 .9	86 .4	79 .1
Pacific					
Australia.....	24 .77	19 .1	21 .2	3 .2	86 .0 ⁽⁹⁾
New Zealand.....	4 .75	19 .8	21 .3	18 .0	86 .5

1. Including Nagorno-Karabakh.

2. For statistical purposes, the data for China do not include Hong Kong and Macao, Special Administrative Regions (SAR) of China and Taiwan Province of China.

3. Including Abkhazia and South Ossetia.

4. Including Sabah and Sarawak.

5. Including Canary Islands, Ceuta and Melilla.

6. Including Crimea.

7. Including Aland Islands.

8. Including Svalbard and Jan Mayen Islands.

9. Including Christmas island, Cocos (Keeling) Islands, and Norfolk Islands.

Source: United Nations.

24.3. CRUDE LIVE BIRTH, DEATH RATES AND INFANT MORTALITY RATES BY SELECTED COUNTRIES, 2017

Country	Crude birth rate	Crude death rate	Infant mortality rate (per 1000 live births) ⁽¹⁾
Asia.....	17	7	26
Azerbaijan, Republic.....	15	6	11
Jordan.....	24	3	15
Armenia.....	13	9	8
Uzbekistan.....	22	5	11
Afghanistan.....	35	7	57
United Arab Emirates.....	10	2	6
Indonesia.....	19	7	22
Iran (Islamic Republic of).....	19	5	5
Bahrain.....	14	2	6
Bangladesh.....	19	5	28
Pakistan.....	26	7	66
Tajikistan.....	33	5	27
Thailand.....	11	8	10
Turkmenistan.....	26	7	44
Turkey.....	16	5	9
China.....	12	7	10
Japan.....	8	11	2
Singapore.....	9	5	2.2
Syrian Arab Rep.....	22	6	17
Iraq.....	31	4	38
Saudi Arabia.....	17	3	12
Oman.....	20	2	9
Occupied Palestine.....	31	4	18
Philippines.....	21	6	21
Kyrgyzstan.....	26	6	17
Kazakhstan.....	23	7	9
Qatar.....	10	1	6
Korea, Rep. of.....	7	6	2.8
Kuwait.....	14	2	8
Georgia.....	14	13	10
Lebanon.....	14	5	7
Malaysia.....	16	5	7
India.....	20	6	34
Yemen.....	32	6	44
Africa.....	35	9	50
South Africa.....	22	9	38
Algeria.....	26	4	22
Burkina Faso.....	40	9	57
Tunisia.....	19	6	15
Zimbabwe.....	34	10	50
Sudan.....	34	8	45
Cameroon.....	36	10	52
Congo, D. Rep. of.....	43	10	67
Libyan Arab Jamahiriya.....	20	5	22
Morocco.....	18	5	22
Egypt.....	27	6	15
Nigeria.....	39	12	67

24.3. CRUDE LIVE BIRTH, DEATH RATES AND INFANT MORTALITY RATES BY SELECTED COUNTRIES, 2017 (continued)

Country	Crude birth rate	Crude death rate	Infant mortality rate (per 1000 live births) ⁽¹⁾
South America	16	6	38
Argentina.....	17	8	10.1
Brazil.....	14	6	11
Peru.....	19	6	16
Chile.....	14	6	6.9
Venezuela.....	19	5	12.5
North America	12	9	6
USA.....	12	9	5.6
Canada.....	11	8	4.5
Cuba.....	10	9	4.3
Mexico.....	19	6	17
Europe	10	11	4
Germany.....	9	11	3.3
Austria.....	10	9	2.9
Spain.....	8	9	2.8
Ukraine.....	9	14	7.7
Italy.....	8	11	2.9
Ireland.....	13	6	2.8
Belgium.....	10	10	3.3
Bulgaria.....	9	16	6.4
Bosnia-Herzegovina.....	9	10	6
U.K.....	12	9	3.9
Portugal.....	8	11	2.6
Denmark.....	11	9	3.8
Romania.....	10	13	7.1
Sweden.....	11	9	2.5
Switzerland.....	10	8	3.5
Russian Federation.....	12	12	5.5
France.....	11	9	3.6
Finland.....	9	10	2
Poland.....	11	11	4
Hungary.....	9	14	3.6
Norway.....	11	8	2.3
Netherlands.....	10	9	3.5
Greece.....	9	11	4.2
Pacific	17	7	21
Australia.....	13	7	3.4
New Zealand.....	12	7	3.9

1. Infants per 1000 live births. Rates shown with decimals indicate national statistics reported as completely registered, while those with no decimals are estimates from the sources cited on the reverse.

Source: Population Reference Bureau

24.4. HUMAN DEVELOPMENT INDEX IN SELECTED COUNTRIES

Country	Life expectancy at birth	Expected years of schooling	Mean years of schooling	Gross National Income (GNI) per capita (constant 2011 PP\$)
	2016			
<i>Asia</i>				
Azerbaijan, Republic.....	72.1	12.7	10.7	15600
Jordan.....	74.5	13.1	10.4	8288
Armenia.....	74.8	13.0	11.7	9144
Uzbekistan.....	71.4	12.0	11.5	6470
Afghanistan.....	64.0	10.4	3.8	1824
United Arab Emirates.....	77.4	13.6	10.8	67805
Indonesia.....	69.4	12.8	8.0	10846
Iran (Islamic Republic of).....	76.2	14.9	9.8	19130
Bahrain.....	77.0	16.0	9.4	41580
Bangladesh.....	72.8	11.4	5.8	3677
Pakistan.....	66.6	8.6	5.2	5311
Tajikistan.....	71.2	11.2	10.4	3317
Thailand.....	75.5	14.7	7.6	15516
Turkmenistan.....	68.0	10.8	9.8	15594
Turkey.....	76.0	15.2	8.0	24804
China.....	76.4	13.8	7.8	15270
Japan.....	83.9	15.2	12.8	38986
Singapore.....	83.2	16.2	11.5	82503
Syrian Arab Republic.....	71.0	8.8	5.1	2337
Iraq.....	70.0	11.0	6.8	17789
Saudi Arabia.....	74.7	16.9	9.5	49680
Oman.....	77.3	13.9	9.5	36290
Occupied Palestine.....	73.6	12.8	9.1	5055
Philippines.....	69.2	12.6	9.3	9154
Kyrgyzstan.....	71.1	13.4	10.9	3255
Kazakhstan.....	70.0	15.1	11.8	22626
Qatar.....	78.3	13.4	9.8	116818
Korea (Republic of).....	82.4	16.5	12.1	35945
Kuwait.....	74.8	13.6	7.3	70524
Georgia.....	73.4	15.0	12.8	9186
Lebanon.....	79.8	12.5	8.7	13378
Malaysia.....	75.5	13.7	10.2	26107
India.....	68.8	12.3	6.4	6353
Yemen.....	65.2	9.0	3.0	1239
<i>Africa</i>				
South Africa.....	63.4	13.3	10.1	11923
Algeria.....	76.3	14.4	8.0	13802
Burkina Faso.....	60.8	8.5	1.5	1650
Tunisia.....	75.9	15.1	7.2	10275
Zimbabwe.....	61.7	10.3	8.1	1683
Sudan.....	64.7	7.4	3.7	4119
Cameroon.....	58.6	12.2	6.3	3315

24.4. HUMAN DEVELOPMENT INDEX IN SELECTED COUNTRIES (continued)

Country	Life expectancy at birth	Expected years of schooling	Mean years of schooling	Gross National Income (GNI) per capita (constant 2011 PPP\$)
	2016			
Congo, D. Rep. of	60 .0	9 .8	6 .8	796
Libyan Arab Jamahiriya.....	72 .1	13 .4	7 .3	11100
Morocco	76 .1	12 .4	5 .5	7340
Egypt	71 .7	13 .1	7 .2	10355
Nigeria.....	53 .9	10 .0	6 .2	5231
<i>South America</i>				
Argentina.....	76 .7	17 .4	9 .9	18461
Brazil.....	75 .7	15 .4	7 .8	13755
Peru	75 .2	13 .8	9 .2	11789
Chile.....	79 .7	16 .4	10 .3	21910
Venezuela.....	74 .7	14 .3	10 .3	10672
<i>North America</i>				
USA.....	79 .5	16 .5	13 .4	54941
Canada.....	82 .5	16 .4	13 .3	43433
Cuba	79 .9	14 .0	11 .8	7524
Mexico	77 .3	14 .1	8 .6	16944
<i>Europe</i>				
Germany.....	81 .2	17 .0	14 .1	46136
Austria.....	81 .8	16 .1	12 .1	45415
Spain	83 .3	17 .9	9 .8	34258
Ukraine.....	72 .1	15 .0	11 .3	8130
Italy	83 .2	16 .3	10 .2	35299
Ireland.....	81 .6	19 .6	12 .5	53754
Belgium.....	81 .3	19 .8	11 .8	42156
Bulgaria.....	74 .9	14 .8	11 .8	18740
Bosnia-Herzegovina.....	77 .1	14 .2	9 .7	11716
U.K.....	81 .7	17 .4	12 .9	39116
Portugal	81 .4	16 .3	9 .2	27315
Denmark.....	80 .9	19 .1	12 .6	47918
Romania	75 .6	14 .3	11 .0	22646
Sweden.....	82 .6	17 .6	12 .4	47766
Switzerland.....	83 .5	16 .2	13 .4	57625
Russian Federation.....	71 .2	15 .5	12 .0	24233
France.....	82 .7	16 .4	11 .5	39254
Finland	81 .5	17 .6	12 .4	41002
Poland.	77 .8	16 .4	12 .3	26150
Hungary.....	76 .1	15 .1	11 .9	25393
Norway.....	82 .3	17 .9	12 .6	68012
Netherlands	82 .0	18 .0	12 .2	47900
Greece	81 .4	17 .3	10 .8	24648
<i>Pacific</i>				
Australia.....	83 .1	22 .9	12 .9	43560
New Zealand	82 .0	18 .9	12 .5	33970

24.4. HUMAN DEVELOPMENT INDEX IN SELECTED COUNTRIES (continued)

Country	Human development index ⁽¹⁾					Human development index rank 2016	Human development index rank 2017
	2013	2014	2015	2016	2017		
<i>Asia</i>							
Azerbaijan, Republic.....	0.752	0.758	0.759	0.757	0.757	80	80
Jordan.....	0.737	0.741	0.741	0.735	0.735	94	95
Armenia.....	0.739	0.741	0.743	0.749	0.755	83	83
Uzbekistan.....	0.690	0.697	0.701	0.703	0.710	105	105
Afghanistan.....	0.476	0.479	0.479	0.4944	0.498	168	168
United Arab Emirates.....	0.832	0.836	0.840	0.862	0.863	34	34
Indonesia.....	0.682	0.686	0.689	0.691	0.694	116	116
Iran (Islamic Republic of).....	0.770	0.774	0.774	0.796	0.798	60	60
Bahrain.....	0.820	0.823	0.824	0.846	0.846	43	43
Bangladesh.....	0.570	0.575	0.579	0.597	0.608	136	136
Pakistan.....	0.542	0.548	0.550	0.560	0.562	150	150
Tajikistan.....	0.622	0.625	0.627	0.647	0.650	127	127
Thailand.....	0.737	0.738	0.740	0.748	0.755	83	83
Turkmenistan.....	0.683	0.688	0.691	0.705	0.706	108	108
Turkey.....	0.759	0.764	0.767	0.787	0.791	64	64
China.....	0.723	0.734	0.738	0.748	0.752	86	86
Japan.....	0.899	0.902	0.903	0.907	0.909	19	19
Singapore.....	0.922	0.924	0.925	0.930	0.932	9	9
Syrian Arab Republic.....	0.575	0.553	0.536	0.536	0.536	155	155
Iraq.....	0.658	0.649	0.649	0.672	0.685	120	120
Saudi Arabia.....	0.841	0.845	0.847	0.854	0.853	39	39
Oman.....	0.796	0.795	0.796	0.822	0.821	48	48
Occupied Palestine.....	0.678	0.678	0.684	0.689	0.686	119	119
Philippines.....	0.676	0.679	0.682	0.696	0.699	113	113
Kyrgyzstan.....	0.656	0.662	0.664	0.669	0.672	122	122
Kazakhstan.....	0.789	0.793	0.794	0.797	0.800	58	58
Qatar.....	0.854	0.855	0.856	0.855	0.856	37	37
Korea (Republic of).....	0.896	0.899	0.901	0.902	0.903	22	22
Kuwait.....	0.787	0.799	0.800	0.804	0.803	56	56
Georgia.....	0.759	0.768	0.769	0.776	0.708	70	70
Lebanon.....	0.763	0.763	0.763	0.753	0.757	80	80
Malaysia.....	0.783	0.787	0.789	0.799	0.802	57	57
India.....	0.607	0.615	0.624	0.636	0.640	130	130
Yemen.....	0.500	0.499	0.482	0.462	0.452	178	178
<i>Africa</i>							
South Africa.....	0.660	0.665	0.666	0.696	0.699	113	113
Algeria.....	0.741	0.743	0.745	0.752	0.754	85	85
Burkina Faso.....	0.398	0.399	0.402	0.420	0.423	183	183
Tunisia.....	0.722	0.723	0.725	0.732	0.735	95	95
Zimbabwe.....	0.498	0.507	0.516	0.532	0.535	156	156
Sudan.....	0.485	0.488	0.490	0.499	0.502	165	167
Cameroon.....	0.507	0.514	0.518	0.553	0.556	150	151

24.4. HUMAN DEVELOPMENT INDEX IN SELECTED COUNTRIES (continued)

Country	Human development index ⁽¹⁾					Human development index rank 2016	Human development index rank 2017
	2013	2014	2015	2016	2017		
Congo, D. Rep. of	0.581	0.589	0.592	0.452	0.457	176	176
Libyan Arab Jamahiriya.....	0.730	0.719	0.716	0.693	0.706	114	108
Morocco	0.640	0.645	0.647	0.662	0.667	122	123
Egypt.....	0.686	0.688	0.691	0.694	0.696	113	115
Nigeria.....	0.521	0.525	0.527	0.530	0.532	156	157
<i>South America</i>							
Argentina.....	0.825	0.826	0.827	0.822	0.825	47	47
Brazil.....	0.747	0.754	0.754	0.758	0.759	79	79
Peru	0.735	0.737	0.740	0.748	0.750	86	89
Chile.....	0.841	0.845	0.847	0.842	0.843	44	44
Venezuela.....	0.771	0.769	0.767	0.766	0.761	77	78
<i>North America</i>							
USA.....	0.916	0.918	0.920	0.922	0.924	12	13
Canada.....	0.912	0.919	0.920	0.922	0.926	12	12
Cuba	0.772	0.772	0.775	0.774	0.777	72	73
Mexico	0.754	0.758	0.762	0.772	0.774	74	74
<i>Europe</i>							
Germany.....	0.920	0.924	0.926	0.934	0.936	4	5
Austria.....	0.892	0.892	0.893	0.906	0.908	20	20
Spain	0.877	0.882	0.884	0.889	0.891	25	26
Ukraine.....	0.746	0.748	0.743	0.746	0.751	90	88
Italy	0.877	0.881	0.887	0.878	0.880	28	28
Ireland.....	0.910	0.920	0.921	0.934	0.938	4	4
Belgium.....	0.890	0.895	0.896	0.915	0.916	16	17
Bulgaria.....	0.787	0.792	0.794	0.810	0.813	50	51
Bosnia-Herzegovina.....	0.742	0.747	0.750	0.766	0.768	77	77
U.K.....	0.904	0.908	0.909	0.920	0.922	14	14
Portugal.....	0.837	0.841	0.843	0.845	0.847	42	41
Denmark.....	0.926	0.923	0.925	0.928	0.929	10	11
Romania	0.797	0.798	0.802	0.807	0.811	52	52
Sweden.....	0.906	0.909	0.913	0.932	0.933	7	7
Switzerland.....	0.936	0.938	0.939	0.943	0.944	2	2
Russian Federation.....	0.803	0.805	0.804	0.815	0.816	49	49
France.....	0.890	0.894	0.897	0.899	0.901	23	24
Finland	0.890	0.893	0.895	0.918	0.920	15	15
Poland	0.850	0.852	0.855	0.860	0.865	34	33
Hungary.....	0.834	0.834	0.836	0.835	0.838	45	45
Norway	0.945	0.948	0.949	0.951	0.953	1	1
Netherlands	0.923	0.923	0.924	0.928	0.931	10	10
Greece.....	0.862	0.865	0.866	0.868	0.870	30	31
<i>Pacific</i>							
Australia.....	0.936	0.937	0.939	0.938	0.939	3	3
New Zealand.....	0.910	0.913	0.915	0.915	0.917	16	16

1. It is necessary to mention that the figures of the previous years are revised according to the publication "HDR" every year.

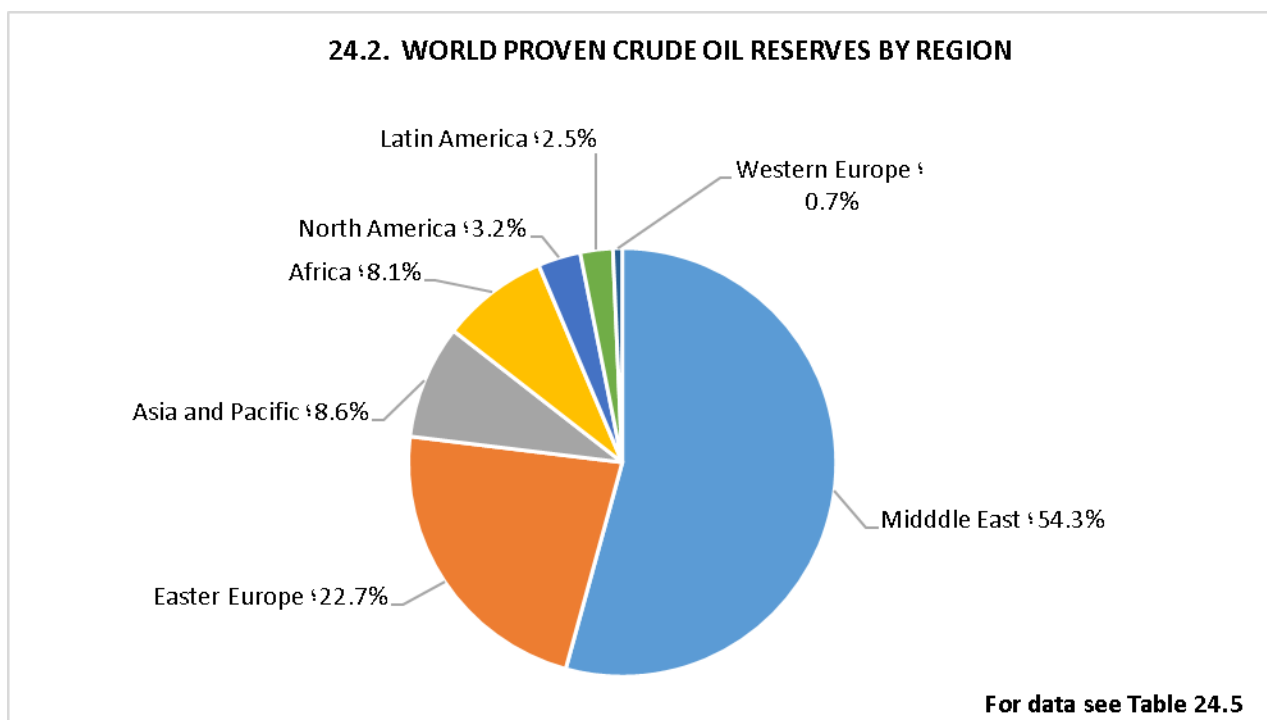
Source: United Nations

24.5. WORLD PROVEN CRUDE OIL RESERVES BY REGION

(mln barrels)

Region	2000	2005	2010	2013	2014	2015	2016	2017
World.....	1086648	1198953	1459765	1489272	1490386	1487893	1492164	1482773
Asia and Pacific.....	42681	40640	47227	47860	48197	48385	49003	47786
Africa.....	93307	117372	125623	128070	127254	127969	128359	127370
North America.....	26901	26579	27469	37652	40503	36218	36218	36573
Latin America.....	122233	118455	334127	341522	341296	342549	339645	336172
Eastern Europe.....	89268	127266	117310	119874	119863	119860	119850	119839
Western Europe.....	19280	16952	13414	11337	10761	10064	11353	10394
Middle East.....	692979	751690	794595	802958	802512	802848	807730	804639

Source: OPEC.



24.6. AVERAGE WORLD CRUDE OIL PRODUCTION BY REGION (1000 barrels per day)

Region	2000	2005	2010	2013	2014	2015	2016	2017
World.....	65857	71523	69886	72862	73436	75123	75477	74687
Asia and Pacific.....	7253	7328	7672	7446	7460	7594	7240	6925
Africa.....	6746	8816	8668	7639	7160	7095	6660	6989
North America.....	7213	6538	6709	8849	10164	10679	10061	10567
Latin America.....	9317	10130	9630	9698	9741	9715	9222	8712
Eastern Europe	7631	11083	12647	12660	12650	12655	12766	12934
Western Europe.....	6288	4905	3530	2724	2750	2893	2920	2865
Middle East	21410	22722	21031	23845	23511	24494	26608	25693

Source: OPEC.

24.7. AVERAGE WORLD CRUDE OIL EXPORTS⁽¹⁾ BY REGION (1000 barrels per day)

Region	2000	2005	2010	2013	2014	2015	2016	2017
World.....	38800	40541	41159	40639	40311	41688	44175	44753
Asia and Pacific.....	2230	1961	1565	1131	1200	1324	1356	1309
Africa.....	5209	6482	7635	6522	6054	6202	6747	6273
North America.....	1231	1378	1520	2193	2627	2766	3262	4030
Latin America.....	4906	4739	4624	4383	4945	5213	5122	5043
Eastern Europe	4145	5344	7273	6943	6800	7197	7382	7166
Western Europe.....	4991	3740	2555	1969	1892	1949	2096	2187
Middle East	16088	16897	15988	17497	16793	17037	19211	18746

1. Including export of lease condensate, re-exports, changes in volumes of oil in transit, not shown transportation, and unknown use.

Source: OPEC.

24.8. AVERAGE CRUDE OIL PRODUCTION IN OPEC MEMBER COUNTRIES

(1000 barrels per day)

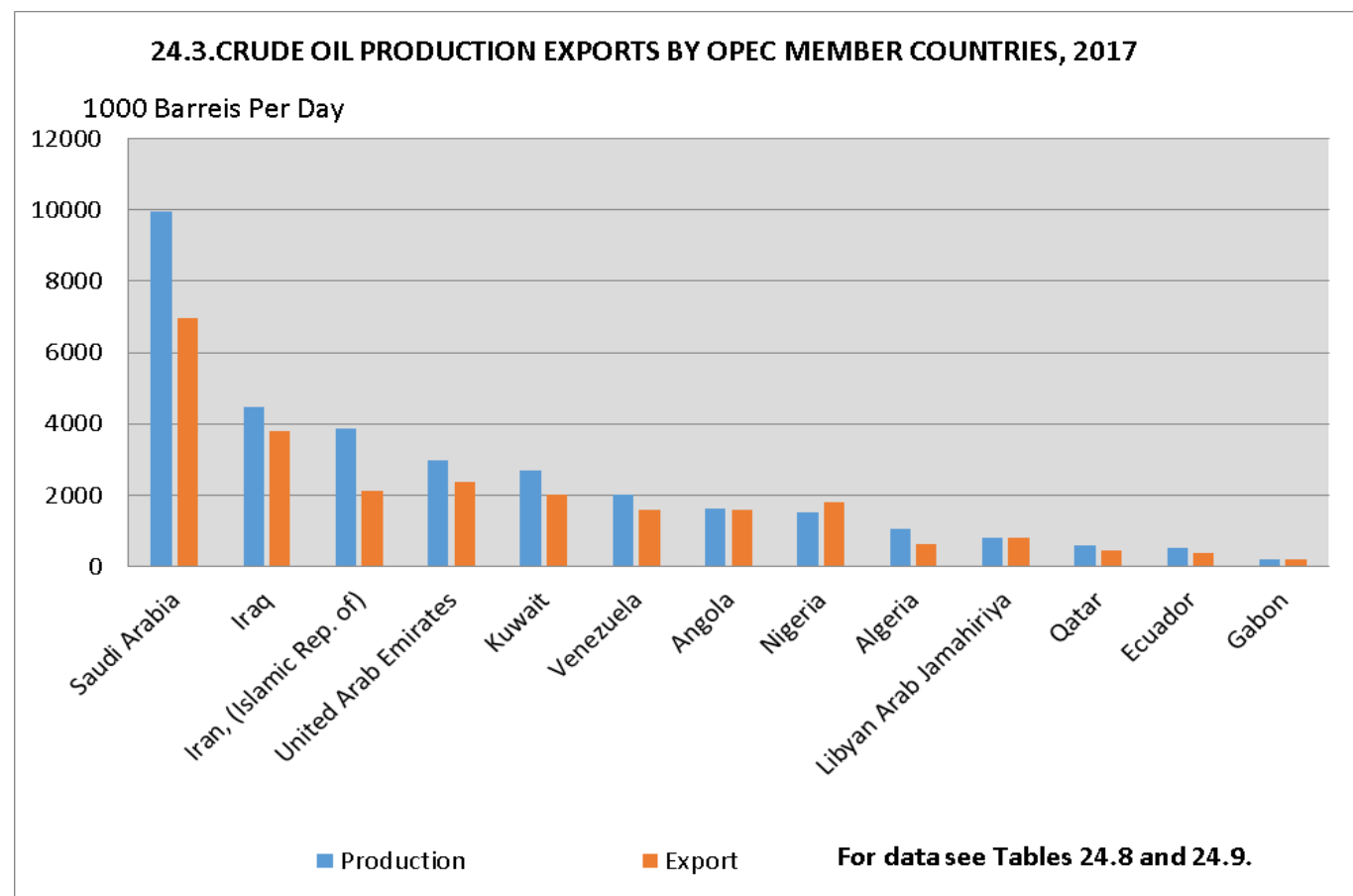
Country	2000	2005	2010	2013	2014	2015	2016	2017
Total.....	28894⁽¹⁾	31246	29720	31830	30908	31850	33281	32515
Angola.....	736	1241	1758	1701	1654	1767	1722	1632
Ecuador.....	392	512	476	526	557	543	549	531
Algeria.....	796	1352	1190	1203	1193	1157	1146	1059
United Arab Emirates.....	2175	2378	2324	2797	2794	2989	3088	2967
Iran, (Islamic Rep. of).....	3661	4092	3544	3575	3117	3152	3651	3867
Iraq.....	2810	1853	2358	2980	3111	3504	4648	4469
Saudi Arabia ⁽²⁾	8095	9353	8166	9637	9713	10193	10460	9959
Qatar.....	648	766	733	724	709	656	652	600
Kuwait ⁽²⁾	1996	2573	2312	2925	2867	2859	2954	2704
Gabon ⁽³⁾	-	-	233	226	226	225	220	210
Equatorial Guinea ⁽³⁾	115	000	237	000	000	000	000	129
Libyan Arab Jamahiriya.....	1347	1693	1487	993	480	404	390	817
Nigeria.....	2054	2366	2048	1754	1807	1748	1427	1536
Venezuela.....	2891	3067	2854	2790	2683	2654	2373	2035

1. Difference between the total and sum of parts is due to the withdrawal of Indonesia from the Organization of the Petroleum Exporting Countries (OPEC).

2. Including share of production from Neutral Zone.

3. Gabon and Equatorial Guinea joined OPEC and Indonesia left it

Source: OPEC



24.9. AVERAGE CRUDE OIL EXPORTS⁽¹⁾ BY OPEC MEMBER COUNTRIES**(1000 barrels per day)**

Country	2000	2005	2010	2013	2014	2015	2016	2017
Total.....	21529⁽²⁾	23316	22806	24308	23337	23697	25267	24861
Angola.....	749	947	1711	1669	1608	1711	1670	1577
Ecuador.....	252	380	340	388	422	433	415	385
Algeria.....	461	970	709	744	623	642	668	633
United Arab Emirates.....	1815	2195	2104	2701	2497	2442	2408	2379
Iran, (Islamic Rep. of).....	2492	2395	2248	1215	1109	1081	1922	2125
Iraq.....	2040	1472	1890	2390	2516	3005	3804	3802
Saudi Arabia.....	6253	7209	6644	7571	7154	7163	7463	6968
Qatar.....	618	677	587	599	596	491	503	466
Kuwait.....	1231	1651	1430	2059	1995	1964	2128	2010
Gabon ⁽³⁾	-	-	-	208	207	206	205	188
Equatorial Guinea ⁽³⁾	000	000	000	000	000	000	000	000
Libyan Arab Jamahiriya.....	1005	1306	1118	836	329	288	350	792
Nigeria.....	1986	2326	2464	2193	2120	2114	1738	1811
Venezuela.....	2004	1788	1562	1528	1965	1974	1835	1596

1. Including export of lease condensate, changes in oil being transported and transportations.

2. Difference between the total and sum of parts is due to the withdrawal of Indonesia from the Organization of the Petroleum Exporting Countries (OPEC).

3. Gabon and Equatorial Guinea joined OPEC and Indonesia left it.

Source: OPEC

24.10. AVERAGE EXPORTS⁽¹⁾ OF REFINED PRODUCTS BY OPEC MEMBER COUNTRIES (1000 barrels per day)

Country	2000	2005	2010	2013	2014	2015	2016	2017
Total	3641	4307	3962	4139	4007	4384	5284	5068
Angola	9	14	31	32	31	37	54	17
Ecuador	31	20	28	20	8	16	31	42
Algeria	453	452	315	453	583	605	541	570
United Arab Emirates	165	509	337	280	256	415	630	654
Iran, (Islamic Rep. of).....	60	402	368	394	470	514	898	993
Iraq.....	126	14	5	12	9	14	37	20
Saudi Arabia.....	1306	1385	951	794	988	1155	1503	1438
Qatar	74	77	322	511	522	521	568	639
Kuwait	380	614	773	805	751	739	707	428
Gabon ⁽²⁾	-	-	-	11.4	10.9	10.7	10.4	12
Equatorial Guinea ⁽²⁾	000	000	000	000	000	000	000	000
Libyan Arab Jamahiriya	150	163	50	86	17	22	23	24
Nigeria	30	49	23	23	49	18	18	19
Venezuela	617	609	760	713	312	318	263	212

1. Including changes in volumes of oil in transit, not shown transportation, and unknown use.

2. Gabon and Equatorial Guinea joined OPEC and Indonesia left it

Source: OPEC

24.11. AVERAGE CONSUMPTION OF REFINED PRODUCTS IN OPEC MEMBER COUNTRIES (1000 barrels per day)

Country	2000	2005	2010	2013	2014	2015	2016	2017
Total	5118⁽¹⁾	5164	8097	8993	9212	9338	9233	9302
Angola	36	53	95	149	147	142	122	115
Ecuador	120	153	242	272	286	259	247	241
Algeria.....	188	246	344	377	389	419	399	422
United Arab Emirates	145	204	591	665	719	778	799	789
Iran, (Islamic Rep. of).....	1189	1479	1820	1776	1846	1795	1801	1819
Iraq.....	452	537	694	715	680	686	757	794
Saudi Arabia.....	902	1175	2600	2994	3163	3319	3210	3242
Qatar	35	60	107	221	243	286	350	339
Kuwait	153	249	358	330	337	346	350	371
Gabon ⁽²⁾	-	-	-	24	24	24	25	26
Equatorial Guinea ⁽²⁾	000	000	000	4	7	8	6	6
Libyan Arab Jamahiriya	202	230	301	250	222	211	208	208
Nigeria	214	258	271	385	396	408	393	426
Venezuela	486	521	675	831	752	658	566	503

1. Difference between the total and sum of parts is due to the withdrawal of Indonesia from the Organization of the Petroleum Exporting Countries (OPEC).

2. Gabon and Equatorial Guinea joined OPEC and Indonesia left it

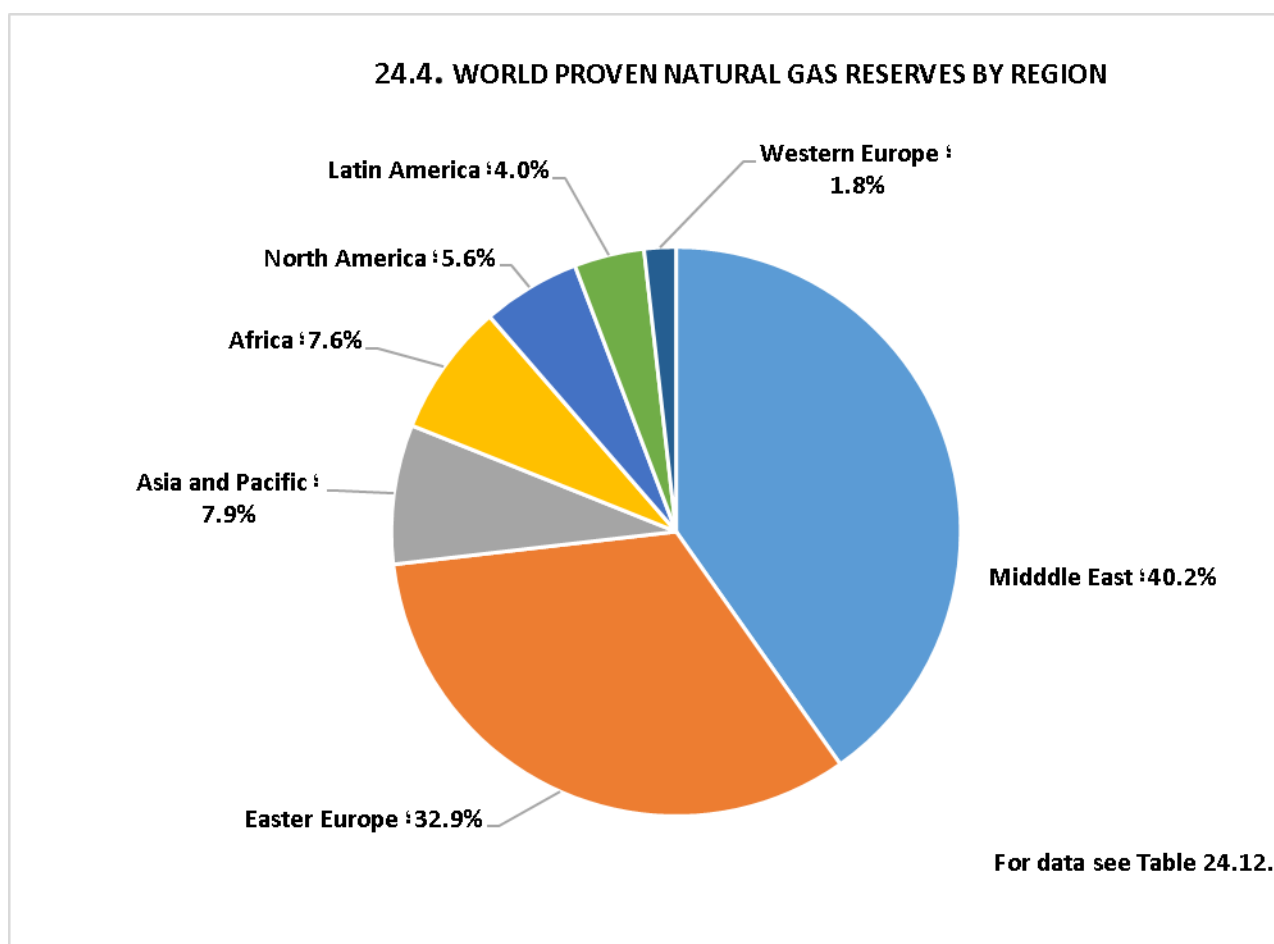
Source: OPEC

24.12. WORLD PROVEN NATURAL GAS RESERVES BY REGION**(bln cu m)**

Region	2000	2005	2010	2013 ⁽¹⁾	2014 ⁽¹⁾	2015 ⁽¹⁾	2016 ⁽¹⁾	2017
World.....	159776	176272	193239	199467	198279	197712	199060	199444
Asia and Pacific.....	12469	14439	15827	15724	15212	15311	15358	15790
Africa.....	12463	14269	14463	14371	14624	14484	14931	15065
North America.....	6708	7421	9701	11725	11212	11365	11165	11126
Latin America.....	7720	7263	8325	7998	7981	7983	7876	7944
Eastern Europe.....	53160	54526	61034	65307	65156	65370	65702	65702
Western Europe.....	7446	5836	5001	4288	4025	3870	3708	3600
Middle East.....	59811	72518	78889	80087	80102	79419	80319	80216

1.Revised figures

Source: OPEC.



24.13. WORLD MARKETED PRODUCTION OF GAS BY REGION**(bln cu m)**

Region	2000	2005	2010	2013 ⁽¹⁾	2014 ⁽¹⁾	2015 ⁽¹⁾	2016 ⁽¹⁾	2017
World.....	2447685	2803859	3300706	3491295	3546665	3605937	3629988	3737990
Asia and Pacific	273475	364620	482068	500708	520853	538561	556762	592230
Africa.....	125589	169225	211492	213407	212763	209542	218727	234702
North America.....	726434	696600	800612	843040	896903	932081	930679	946437
Latin America.....	131461	172184	211157	217516	218244	214092	209114	206931
Eastern Europe.....	699097	785300	786343	832906	816021	811601	807202	859498
Western Europe	282630	295780	281728	262987	247988	239817	236969	238098
Middle East.....	209000	320150	527306	620731	633893	659242	670535	660094

1. Revised figures.

Source: OPEC

24.14. MARKETED NATURAL GAS PRODUCTION BY OPEC MEMBER COUNTRIES**(mln cu m)**

Country	2000	2005	2010	2013	2014	2015	2016	2017
Total.....	384415⁽¹⁾	429369	620819	721992⁽¹⁾	739992⁽¹⁾	775048⁽¹⁾	800908	796335
Angola.....	570	650	733	925	732	772	1919	3111
Ecuador	140	260	330	515	578	497	530	463
Algeria.....	83119	89235	84615	79647	83296	83041	93152	94778
United Arab Emirates.....	38380	47790	51282	54600	54245	60181	61862	54086
Iran, (Islamic Rep. of).....	60240	103500	187357	199293	212796	226673	226905	238003
Iraq	3150	1450	1303	7445	7927	7685	10416	10650
Saudi Arabia	49810	71240	87660	100030	102380	104450	110860	115000
Qatar.....	24900	45800	131165	177602	174057	181444	182830	163599
Kuwait.....	9600	12300	11733	16311	15029	16909	17291	17102
Gabon ⁽²⁾	-	-	-	380	550	550	551	407
Equatorial Guinea ⁽²⁾	000	000	000	6550	6160	6200	8740	9600
Libyan Arab Jamahiriya.....	5880	11300	16814	18463	16523	15493	15570	14309
Nigeria.....	12460	22400	28099	38411	43842	45148	42562	45434
Venezuela.....	27801	23444	19728	21820	21878	26004	27718	29793

1. Difference between the total and sum of parts is due to the withdrawal of Indonesia from the Organization of the Petroleum Exporting Countries (OPEC).

2. Gabon and Equatorial Guinea joined OPEC and Indonesia left it

Source: OPEC