

Introduction

This chapter is to provide a proper ground 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 Yearbook.

The first table of the chapter shows the world's population by major areas and continent for the mid-year 2019-2020 and the period of 2030 to 2100. Table 2 shows the information about the population, population density, population aged under 15 and population aged over 60, and urbanization rate for some selected world countries. Table 3 represents the crude birth and death rate in some selected countries. In Table 4, the information related to the 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 terms of energy production, the 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 same figures shown in other chapters.

2. In the classification of regions presented in the OPEC Statistical Yearbook, the former Soviet Union, Turkey and the Caribbean states are included in Eastern Europe, Europe and Latin America, respectively.
3. Gabon which has left OPEC since 1995, rejoined OPEC in 2016.
4. Indonesia has left the OPEC since 2016.
5. Since 2007, Angola and Ecuador joined the OPEC.
6. Qatar left the OPEC in 2019.
7. Since 2010, the components used for calculating the Human Development Index (HDI) has changed based on the international recommendation according to the Table 24.4.
8. It should be mentioned that changes in the figures of the indicator are due to revision made in the new HDR⁽¹⁾

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

1. Human Development Report

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.

Definitions and concepts

Birth and death rates (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 the high-mortality of the older population are often higher than those in less developed countries with lower life expectancy.

Human Development Index (HDI)⁽²⁾: is a composite index measuring achievement for every country obtained by combining three basic dimensions of human development, including "long and healthy life", "access to knowledge" as well as "a decent standard of living".

Life expectancy at birth: is the 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: is the 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: are the 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)⁽³⁾ per capita:

is the total income of an economy, based on the production and ownership of the production factors minus the amount paid to use the production factors of other people per US dollar using purchasing power parity (PPP)⁽⁴⁾ rates divided by the average 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 the 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;

2. Human Development Index.

3 . Gross National Income.

4 . Purchasing Power Parity.

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 oil products, 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, volumes of gas wasted, injected into fields, and shrank. Consequently, it is the process of gas transformation and purification for the extraction of natural gas liquids.

Selected information

Estimation shows that the population of the world in 2100 will be 10875 million. Asia and Africa with 4719 and 4280 million people will have the highest population, respectively.

In 2017, 2018, and 2019, Iran's HDIs were 0.787, 0.785, and 0.783, respectively. Iran ranked 70th among the world countries in 2019. It is necessary to mention that Iran also ranked 65th in 2018.

In 2019, Iranian life expectancy at birth was 76.7 years.

According to the statistics released by OPEC, Iranian crude oil production in 2019 was 2356 thousand barrels per day. Iran has ranked fifth among 14 OPEC member countries. Saudi Arabia with an average production of 9808 thousand barrels, Iraq with a production of 4576 thousand barrels per day, United Arab Emirates with an average production of 3058 thousand barrels per day and Kuwait with an average production of 2678 thousand barrels per day are ranked first second, third and fourth among the world's oil-producing countries, respectively.

According to the cited statistics, Iran ranked ninth among OPEC oil-exporting countries in 2019 by 651 thousand barrels per day production. In addition, supplying more than 254 billion cubic meters of natural gas to the market, made Iran the largest gas supplier in OPEC

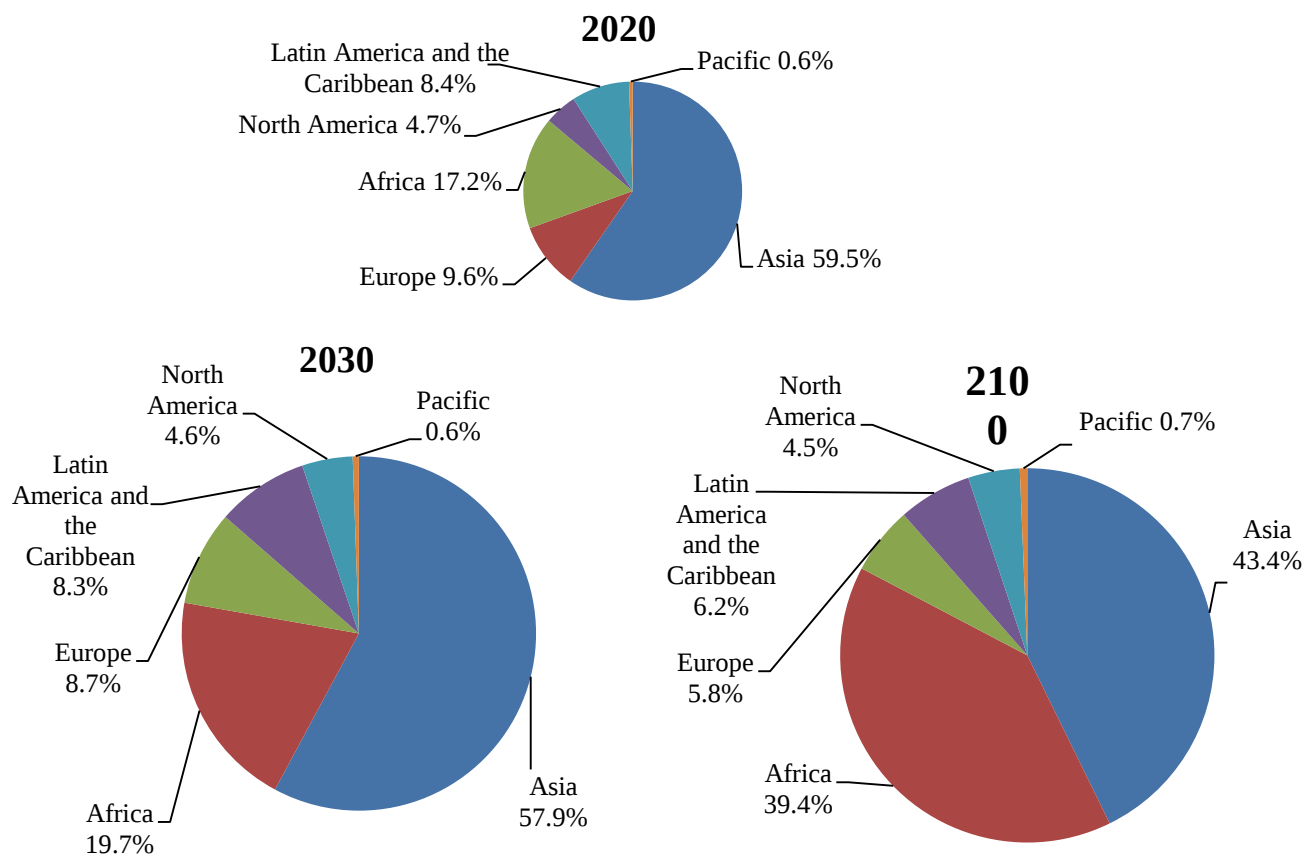
24.1. THE WORLD POPULATION AND ITS PROJECTION BY AREA**(mln persons)**

Area	2019 ⁽¹⁾	2020 ⁽¹⁾	2030 ^(1,2)	2050 ^(1,2)
World	7713	7795	8548	9735
Asia	4601	4641	4947	5290
Africa	1308	1341	1688	2489
Europe	747	748	741	710
Latin America and the Caribbean	648	654	706	762
Northern America	364	369	391	425
Pacific	42	43	48	57

1. Midyear figures

2. 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	Estimated Population (million)	Population under 14 (percent)	Population over 60 (percent)	Population density (person per sq. km)	Percentage of urbanization
	Mid-year 2020				2019
Asia					
Azerbaijan, Republic ⁽¹⁾	10.14	23.5	11.6	122.7	000
Jordan	10.20	32.9	6.1	114.9	000
Armenia.....	2.96	20.8	18.5	104.1	000
Uzbekistan.....	33.47	28.8	8.3	78.7	000
Afghanistan	38.93	41.8	4.2	59.6	000
United Arab Emirates.....	9.89	14.8	3.1	118.3	000
Indonesia	273.52	25.9	10.1	151.0	000
I.R. Iran	83.99	24.7	10.3	51.6	000
Bahrain	1.70	18.3	5.3	2238.9	000
Bangladesh.....	164.69	26.8	8.0	1265.2	000
Pakistan	220.89	34.8	6.7	286.5	000
Tajikistan.....	9.54	37.3	5.8	68.1	000
Thailand	69.80	16.6	19.2	136.6	000
Turkmenistan	6.03	30.8	8.1	12.8	000
Turkey	84.34	23.9	13.1	109.6	000
China ⁽²⁾	1439.32	17.7	17.4	153.3	000
Japan	126.48	12.4	34.3	346.9	000
Singapore	5.85	12.3	20.9	8357.6	000
Syria, Arab Republic.....	17.50	30.8	7.5	95.3	000
Iraq	40.22	37.7	5.1	92.6	000
Saudi Arabia.....	34.81	24.7	5.9	16.2	000
Oman.....	5.11	22.5	4.3	16.5	000
Palestine ⁽³⁾	5.10	38.4	4.9	847.4	000
Philippine	109.58	30.0	8.6	367.5	000
Kyrgyzstan	6.52	32.6	8.1	34.0	000
Kazakhstan.....	18.78	29.1	12.2	7.0	000
Qatar.....	2.88	13.6	3.6	248.2	000
Republic of Korea	51.27	12.5	23.2	527.3	000
Kuwait.....	4.27	21.5	6.5	239.7	000
Georgia ⁽⁴⁾	3.99	20.2	21.5	57.4	000
Lebanon.....	6.83	25.1	11.2	667.2	000
Malaysia ⁽⁵⁾	32.37	23.4	11.0	98.5	000
India	1380.0	26.2	10.1	464.1	000
Yemen	29.83	38.8	4.6	56.5	000
Africa					
South Africa	59.31	28.8	8.5	48.9	000
Algeria.....	43.85	30.8	9.9	18.4	000
Burkina Faso	20.90	44.4	3.9	76.4	000
Tunisia.....	11.82	24.3	13.4	76.1	000
Zimbabwe.....	14.86	41.9	4.6	38.4	000
Sudan.....	42.85	39.8	5.7	24.8	000
Cameroon.....	26.55	42.1	4.3	56.2	000
Democratic Republic of the Congo.....	5.52	41.3	4.5	16.2	000
Libyan Arab Jamahiriya.....	6.87	27.8	6.9	3.9	000

24.2. SOME POPULATION INDICES BY COUNTRIES (continued)

Country	Estimated Population (million)	Population under 14 (percent)	Population over 60 (percent)	Population density (population per sq km)	Percentage of urbanization
	Mid-year 2020				2019
Morocco	36.91	26.8	11.9	82.7	000
Egypt	102.33	33.9	8.2	102.8	000
Nigeria.....	206.14	43.5	4.5	226.3	000
South America					
Argentina.....	44.20	24.4	15.5	16.5	000
Brazil.....	212.56	20.7	14.0	25.4	000
Peru	32.97	24.7	12.5	25.8	0000
Chile.....	19.12	19.2	17.4	25.7	000
Venezuela.....	28.44	27.3	12.1	32.2	000
North America					
USA.....	331.00	18.4	22.9	36.2	000
Canada.....	37.74	15.8	24.9	4.2	000
Cuba	11.33	15.9	21.3	106.4	000
Mexico	128.93	25.8	11.2	66.3	000
Europe					
Germany.....	83.78	14.0	28.6	240.4	000
Austria.....	9.01	14.4	25.7	109.3	000
Spain ⁽⁶⁾	46.75	14.4	26.3	93.7	000
Ukraine ⁽⁷⁾	43.73	16.0	23.6	75.5	000
Italy	60.46	13.0	29.8	205.6	000
Ireland	4.94	20.8	19.6	71.7	000
Belgium.....	11.59	17.0	25.6	382.7	000
Bulgaria.....	6.95	14.7	28.2	64.0	000
Bosnia and Herzegovina ...	3.28	14.5	25.3	64.3	000
UK.....	67.89	17.7	24.4	280.6	000
Portugal	10.20	13.1	29.4	111.3	000
Denmark.....	5.79	16.3	26.1	136.5	000
Romania	19.24	15.5	25.9	83.6	000
Sweden.....	10.10	17.6	25.9	24.6	000
Switzerland.....	8.65	15.0	25.3	219.0	000
Russian Federation.....	145.93	18.4	22.4	8.9	000
France.....	65.27	17.7	26.8	119.2	000
Finland ⁽⁸⁾	5.54	15.9	29.0	18.2	000
Poland	37.85	15.2	25.9	123.6	000
Hungary.....	9.66	14.4	26.8	106.7	000
Norway ⁽⁹⁾	5.42	17.3	23.3	14.8	000
Netherland.....	17.13	15.7	26.6	508.2	000
Greece	10.42	13.7	28.8	80.9	000
Pacific					
Australia ⁽¹⁰⁾	25.50	19.3	21.8	3.3	000
New Zealand	4.82	19.4	22.2	18.3	000

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 Eastern Jerusalem

4. Including Abkhazia and South Ossetia

5. Including Sabah and Sarawak.

6. Including Canary Islands, Ceuta and Melilla.

7. Including Crimea Peninsula.

8. Including Aland Islands.

9. Including Svalbard and Jan Mayen Islands.

10. 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, 2019

Country	Crude birth rate (per 1000 population)	Crude death rate (per 1000 population)	Deaths of infants under one year of age ⁽¹⁾ (per 1000 live births)
Asia	17	7	27.0
Azerbaijan, Republic ⁽¹⁾	14	6	11.0
Jordan	22	4	17.0
Armenia	12	9	6.0
Uzbekistan	23	5	11.0
Afghanistan	33	6	50.0
United Arab Emirates	11	1	6.0
Indonesia	18	7	25.0
Iran (Islamic Republic of)	17	5	6.0
Bahrain	14	2	6.0
Bangladesh	21	5	34.0
Pakistan	28	6	62.0
Tajikistan	25	4	27.0
Thailand	10	8	7.0
Turkmenistan	23	7	43.0
Turkey	18	5	9.0
China	10	7	9.0
Japan	7	11	1.9
Singapore	9	5	1.7
Syrian Arab Rep.	24	5	17.0
Iraq	27	4	23.0
Saudi Arabia	15	3	12.0
Oman	21	2	9.0
Occupied Palestine	30	4	17.0
Philippines	22	6	21.0
Kyrgyzstan	27	5	15.0
Kazakhstan	21	7	8.0
Qatar	10	1	6.0
Korea, Rep. of	6	6	2.8
Kuwait	14	2	7.0
Georgia	13	13	8.0
Lebanon	17	5	9.0
Malaysia	16	5	7.0
India	20	6	33.0
Yemen	30	6	43.0
Africa	34	8	49.0
South Africa	20	9	25.0
Algeria	24	5	21.0
Burkina Faso	38	8	52.0
Tunisia	17	6	14.0
Zimbabwe	33	8	47.0
Sudan	32	7	42.0
Cameroon	38	8	48.0
Congo, D. Rep. of	44	9	68.0
Libyan Arab Jamahiriya	24	4	12.0

24.3. CRUDE LIVE BIRTH, DEATH RATES AND INFANT MORTALITY RATES BY SELECTED COUNTRIES, 2019 (continued)

Country	Crude birth rate (per 1000 population)	Crude death rate (per 1000 population)	Deaths of infants under one year of age ⁽¹⁾ (per 1000 live births)
Morocco	17	5	18.0
Egypt	23	6	15.0
Nigeria.....	37	12	67.0
South America.....	15	6	13.0
Argentina.....	17	8	8.8
Brazil.....	14	6	10.0
Peru	19	5	15.0
Chile.....	12	6	5.6
Venezuela.....	18	7	28.0
North America	11	8	6.0
USA.....	12	9	5.7
Canada.....	10	8	4.7
Latin America and the Caribbean.....	16	6	14.0
Cuba	10	10	4.0
Mexico	17	6	11.0
Europe	10	11	4.0
Germany.....	10	12	3.2
Austria.....	10	9	2.7
Spain	8	9	2.6
Ukraine.....	8	14	7.1
Italy	7	11	2.8
Ireland	12	6	3.1
Belgium.....	10	10	3.2
Bulgaria.....	9	16	5.6
Bosnia-Herzegovina.....	8	11	6.0
U.K.....	11	9	3.7
Portugal	9	11	3.2
Denmark.....	11	9	3.1
Romania	11	14	5.9
Sweden.....	11	9	1.8
Switzerland.....	10	8	3.3
Russian Federation.....	11	13	5.1
France.....	11	9	3.6
Finland	8	10	2.1
Poland	10	11	3.7
Hungary.....	9	13	3.8
Norway.....	10	8	2.1
Netherlands	10	9	3.5
Greece.....	8	11	3.5
Pacific.....	17	7	16.0
Australia.....	13	6	3.1
New Zealand	12	7	4.5

1. Infants mortality rate per 1000 live births and mortality rates with decimals indicate national statistics reported as completely registered, while those with no decimals are estimates from the sources cited.

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 2017 PP\$)
2019				
Asia				
Azerbaijan, Republic.....	73 .0	12 .9	10 .6	13784
Jordan.....	74 .5	11 .4	10 .5	9858
Armenia.....	75 .1	13 .1	11 .3	13894
Uzbekistan.....	71 .7	12 .1	11 .8	7142
Afghanistan.....	64 .8	10 .2	3.9	2229
United Arab Emirates.....	78 .0	14 .3	12 .1	67462
Indonesia.....	71 .7	13 .6	8.2	11459
Iran (Islamic Republic of).....	76 .7	14 .8	10 .3	12447
Bahrain.....	77 .3	16 .3	9.5	42522
Bangladesh.....	72 .6	11 .6	6.2	4976
Pakistan.....	67 .3	8.3	5.2	5005
Tajikistan.....	71 .1	11 .7	10.7	3954
Thailand.....	77 .2	15 .0	7.9	17781
Turkmenistan.....	68 .2	11 .2	10.3	14909
Turkey.....	77 .7	16 .6	8.1	27701
China.....	76 .9	14 .0	8.1	16057
Japan.....	84 .6	15 .2	12.9	42932
Singapore.....	83 .6	16 .4	11.6	88155
Syrian Arab Republic.....	72 .7	8.9	5.1	3613
Iraq.....	70 .6	11 .3	7.3	10801
Saudi Arabia.....	75 .1	16 .1	10 .2	47495
Oman.....	77 .9	14 .2	9 .7	25944
Occupied Palestine.....	74 .1	13 .4	9 .2	6417
Philippines.....	71 .2	13 .1	9 .4	9778
Kyrgyzstan.....	71 .5	13 .0	11 .1	4864
Kazakhstan.....	73 .6	15 .6	11 .9	22857
Qatar.....	80 .2	12 .0	9 .7	92418
Korea (Republic of).....	83 .0	16 .5	12 .2	43044
Kuwait.....	75 .5	14 .2	7 .3	58590
Georgia.....	73 .8	15 .3	13 .1	14429
Lebanon.....	78 .9	11 .3	8 .7	14655
Malaysia.....	76 .2	13 .7	10.4	27534
India.....	69 .7	12 .2	6 .5	6681
Yemen.....	66 .1	8.8	3.2	1594
Africa				
South Africa.....	64 .1	13 .8	10 .2	12129
Algeria.....	76 .9	14 .6	8.0	11174
Burkina Faso.....	61 .6	9.3	1 .6	2133
Tunisia.....	76 .7	15 .1	7.2	10414
Zimbabwe.....	61 .5	11 .0	8 .5	2666
Sudan.....	65 .3	7.9	3.8	3829
Cameroon.....	59 .3	12 .1	6.3	3581
Congo, D. Rep. of.....	60 .7	9 .7	6 .8	1063
Libyan ,Arab Republic.....	72 .9	12 .9	7.6	15688

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 2017 PPP\$)
	2019			
Morocco	76 .7	13 .7	5 .6	7368
Egypt	72 .0	13 .3	7 .4	11466
Nigeria.....	54 .7	10 .0	6 .7	4910
<i>South America</i>				
Argentina.....	76 .7	17 .7	10 .9	21190
Brazil.....	75 .9	15 .4	8 .0	14263
Peru	76 .7	15 .0	9 .7	12252
Chile.....	80 .2	16 .4	10 .6	23261
Venezuela.....	72 .1	12 .8	10 .3	7045
<i>North America</i>				
USA.....	78 .9	16 .3	13 .4	63826
Canada.....	82 .4	16 .2	13 .4	48527
<i>Latin America and the Caribbean</i>	78 .8	14 .3	11 .8	8621
Cuba	75 .1	14 .8	8 .8	19160
Mexico				
<i>Europe</i>				
Germany.....	81 .3	17 .0	14 .2	55314
Austria.....	81 .5	16 .1	12 .5	56197
Spain	83 .6	17 .6	10 .3	40975
Ukraine.....	72 .1	15 .1	11 .4	13216
Italy	83 .5	16 .1	10 .4	42776
Ireland	82 .3	18 .7	12 .7	68371
Belgium.....	81 .6	19 .8	12 .1	52085
Bulgaria.....	75 .1	14 .4	11 .4	23325
Bosnia-Herzegovina.....	77 .4	13 .8	9 .8	14872
U.K.	81 .3	17 .5	13 .2	46071
Portugal	82 .1	16 .5	9 .3	33967
Denmark.....	80 .9	18 .9	12 .6	58662
Romania	76 .1	14 .3	11 .1	29497
Sweden.....	82 .8	19 .5	12 .5	54508
Switzerland.....	83 .8	16 .3	13 .4	69394
Russian Federation.....	72 .6	15 .0	12 .2	26157
France.....	82 .7	15 .6	11 .5	47173
Finland	81 .9	19 .4	12 .8	48511
Poland.	78 .7	16 .3	12 .5	31623
Hungary.....	76 .9	15 .2	12 .0	31329
Norway.....	82 .4	18 .1	12 .9	66494
Netherlands	82 .3	18 .5	12 .4	57707
Greece	82 .2	17 .9	10 .6	30155
<i>Pacific</i>				
Australia.....	83 .4	22 .0	12 .7	48085
New Zealand	82 .3	18 .8	12 .8	40799

24.4. HUMAN DEVELOPMENT INDEX IN SELECTED COUNTRIES (continued)

Country	Human development index ⁽¹⁾					Human development index rank 2018	Human development index rank 2019
	2015	2016	2017	2018	2019		
<i>Asia</i>							
Azerbaijan, Republic.....	0.744	0.749	0.759	0.754	0.754	87	88
Jordan	0.730	0.722	0.726	0.728	0.729	102	102
Armenia.....	0.768	0.751	0.769	0.771	0.776	81	81
Uzbekistan.....	0.701	0.701	0.713	0.717	0.720	108	106
Afghanistan	0.500	0.491	0.506	0.509	0.511	170	169
United Arab Emirates.....	0.859	0.863	0.881	0.889	0.890	35	31
Indonesia	0.696	0.700	0.707	0.722	0.718	111	107
Iran (Islamic Republic of)	0.774	0.799	0.787	0.785	0.783	65	70
Bahrain	0.848	0.839	0.854	0.852	0.852	45	42
Bangladesh.....	0.595	0.599	0.616	0.625	0.632	135	133
Pakistan	0.536	0.556	0.550	0.552	0.557	152	154
Tajikistan.....	0.652	0.647	0.657	0.661	0.668	125	127
Thailand	0.749	0.753	0.796	0.772	0.777	77	79
Turkmenistan	0.694	0.706	0.701	0.710	0.715	108	111
Turkey	0.801	0.800	0.814	0.817	0.820	59	54
China	0.739	0.749	0.750	0.755	0.761	85	85
Japan	0.908	0.910	0.915	0.917	0.919	19	19
Singapore	0.931	0.933	0.933	0.936	0.938	9	11
Syrian Arab Republic.....	0.537	0.539	0.564	0.563	0.567	154	151
Iraq	0.649	0.672	0.667	0.671	0.674	120	123
Saudi Arabia.....	0.852	0.857	0.852	0.854	0.854	36	40
Oman.....	0.814	0.834	0.819	0.813	0.813	47	60
Occupied Palestine.....	0.701	0.687	0.706	0.708	0.708	119	115
Philippines.....	0.701	0.704	0.708	0.711	0.718	106	107
Kyrgyzstan	0.690	0.669	0.694	0.696	0.697	122	120
Kazakhstan.....	0.806	0.808	0.815	0.819	0.815	50	51
Qatar.....	0.839	0.847	0.848	0.845	0.848		45
Korea (Republic of)	0.907	0.901	0.912	0.914	0.916	22	23
Kuwait.....	0.801	0.809	0.805	0.807	0.806	57	64
Georgia.....	0.890	0.776	0.799	0.805	0.812	70	61
Lebanon.....	0.744	0.725	0.748	0.747	0.744	93	92
Malaysia.....	0.796	0.801	0.805	0.805	0.810	61	62
India	0.624	0.637	0.640	0.642	0.645	129	131
Yemen	0.483	0.477	0.467	0.468	0.470	177	179
<i>Africa</i>							
South Africa	0.701	0.702	0.705	0.707	0.709	113	114
Algeria.....	0.740	0.755	0.745	0.746	0.748	82	98
Burkina Faso	0.422	0.420	0.439	0.443	0.452	182	182
Tunisia.....	0.729	0.736	0.734	0.739	0.740	91	95
Zimbabwe.....	0.553	0.549	0.563	0.569	0.571	150	150
Sudan.....	0.504	0.505	0.509	0.506	0.510	168	170
Cameroon.....	0.549	0.556	0.557	0.560	0.563	150	153
Congo, D. Rep. of	0.464	0.453	0.478	0.478	0.480	179	175
Libyan Arab Jamahiriya.....	0.697	0.690	0.714	0.721	0.724	110	105

24.4. HUMAN DEVELOPMENT INDEX IN SELECTED COUNTRIES (continued)

Country	Human development index ⁽¹⁾					Human development index rank 2018	Human development index rank 2019
	2015	2016	2017	2018	2019		
Morocco	0.658	0.669	0.673	0.680	0.686	121	121
Egypt	0.691	0.695	0.698	0.701	0.707	116	116
Nigeria.....	0.526	0.528	0.531	0.534	0.539	158	161
South America							
Argentina.....	0.840	0.828	0.843	0.842	0.845	48	46
Brazil	0.756	0.757	0.761	0.762	0.769	79	84
Peru	0.759	0.755	0.767	0.771	0.777	82	79
Chile	0.842	0.843	0.847	0.849	0.851	42	43
Venezuela.....	0.769	0.752	0.743	0.733	0.711	96	113
North America							
USA.....	0.921	0.919	0.924	0.925	0.926	15	17
Canada.....	0.921	0.92	0.926	0.928	0.929	13	16
Latin America and the Caribbean							
Cuba	0.772	0.771	0.777	0.781	0.783	72	70
Mexico	0.766	0.764	0.771	0.776	0.779	76	74
Europe							
Germany.....	0.938	0.936	0.943	0.946	0.947	4	6
Austria.....	0.915	0.909	0.919	0.921	0.927	20	18
Spain	0.895	0.888	0.903	0.905	0.904	25	25
Ukraine.....	0.765	0.746	0.771	0.774	0.779	88	74
Italy	0.882	0.878	0.886	0.890	0.892	29	29
Ireland.....	0.935	0.936	0.947	0.951	0.955	3	2
Belgium.....	0.922	0.915	0.929	0.930	0.931	17	14
Bulgaria.....	0.809	0.812	0.811	0.813	0.816	52	56
Bosnia-Herzegovina.....	0.761	0.765	0.774	0.777	0.780	75	73
U.K.....	0.923	0.918	0.926	0.928	0.932	15	13
Portugal	0.854	0.846	0.858	0.860	0.864	40	38
Denmark.....	0.933	0.928	0.936	0.939	0.940	11	10
Romania	0.815	0.808	0.821	0.823	0.828	52	49
Sweden.....	0.938	0.934	0.942	0.943	0.945	8	7
Switzerland.....	0.947	0.943	0.949	0.955	0.955	2	2
Russian Federation.....	0.809	0.817	0.82	0.823	0.824	49	52
France.....	0.895	0.887	0.897	0.898	0.901	26	26
Finland	0.930	0.922	0.935	0.937	0.938	12	11
Poland	0.843	0.864	0.873	0.877	0.880	32	35
Hungary.....	0.842	0.838	0.846	0.850	0.854	43	40
Norway	0.947	0.951	0.954	0.956	0.957	1	1
Netherlands	0.934	0.929	0.939	0.942	0.944	10	8
Greece.....	0.877	0.866	0.879	0.881	0.888	32	32
Pacific							
Australia.....	0.938	0.935	0.941	0.943	0.944	6	8
New Zealand.....	0.921	0.917	0.926	0.928	0.931	14	14

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

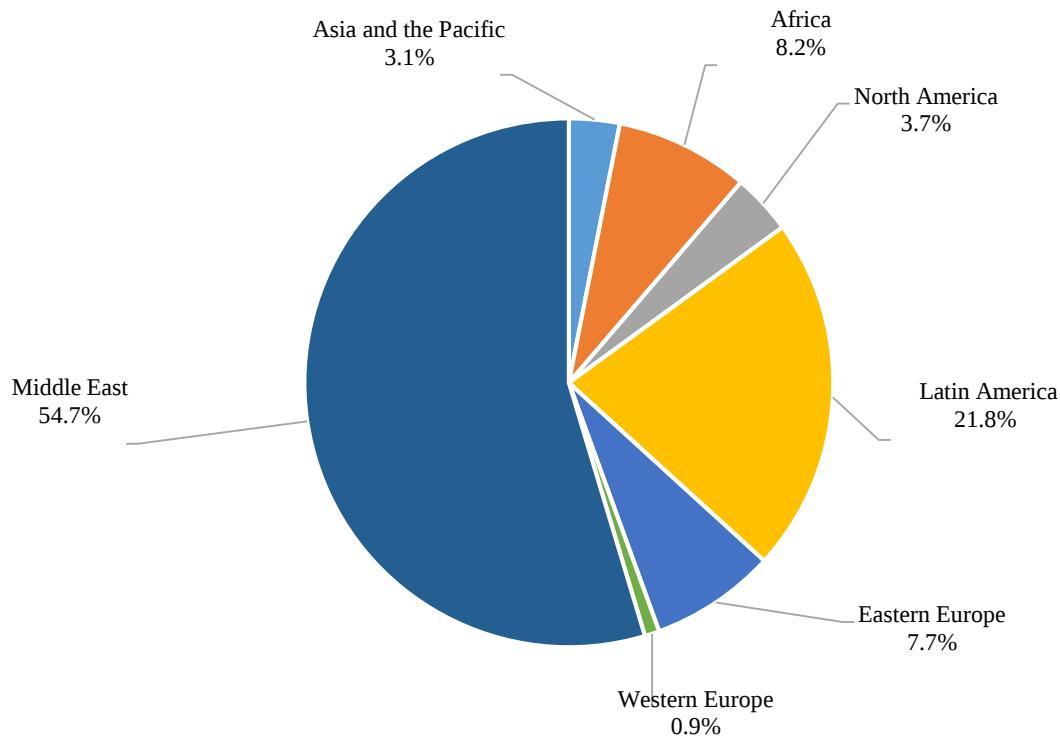
Source: United Nations.

24.5. WORLD PROVEN CRUDE OIL RESERVES BY REGION (mln barrels)

Region	2000	2005	2010	2015 ⁽¹⁾	2016 ⁽¹⁾	2017 ⁽¹⁾	2018 ⁽¹⁾	2019
World	1086648	1198953	1459765	1490676	1490722	1492066	1497028	1550736
Asia and Pacific.....	42681	40640	47227	47491	47876	47793	47854	48004
Africa	93307	117372	125623	128574	128875	127677	126972	126388
North America.....	26901	26579	27469	36672	37191	43727	49076	57919
Latin America.....	122233	118455	334127	342326	336981	335970	337038	337368
Eastern Europe... ..	89268	127266	117310	119860	119856	119841	119837	119812
Western Europe.....	19280	16952	13414	12905	12214	12419	13067	13500
Middle East.	692979	751690	794595	802848	807730	804639	803184	847745

1. Revised figures.

Source: OPEC.

24.2. WORLD PROVEN CRUDE OIL RESERVES BY REGION, 2019

For data see Table 24.5.

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

Region	2000	2005	2010	2015 ⁽¹⁾	2016 ⁽¹⁾	2017 ⁽¹⁾	2018 ⁽¹⁾	2019
World	65857	71523	69886	75087	75304	74578	75822	75263
Asia and Pacific	7253	7328	7672	7613	7249	6945	6814	6809
Africa	6746	8816	8668	7018	6522	6867	6964	7144
North America	7213	6538	6709	10702	10025	10565	12263	13534
Latin America	9317	10130	9630	9716	9220	8707	8012	7632
Eastern Europe	7631	11083	12647	12645	12757	12930	13171	13219
Western Europe.....	6288	4905	3530	2899	2924	2871	2855	2766
Middle East	21410	22722	21031	24494	26608	25693	25743	24159

1. Revised figures.

Source: OPEC.

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

Region	2000	2005	2010	2015 ⁽²⁾	2016 ⁽²⁾	2017 ⁽²⁾	2018 ⁽²⁾	2019
World	38800	40541	41159	41509	44192	44662	45900	45182
Asia and Pacific	2230	1961	1565	1297	1309	1254	1127	930
Africa	5209	6482	7635	6410	5957	6227	6436	6454
North America.....	1231	1378	1520	2766	3333	4052	5224	6240
Latin America	4906	4739	4624	5141	5119	5058	4741	4490
Eastern Europe	4145	5344	7273	6909	7057	7128	7303	7301
Western Europe.....	4991	3740	2555	1949	2096	2187	2152	2137
Middle East	16088	16897	15988	17037	19321	18757	18917	17630

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

2. Revised figures.

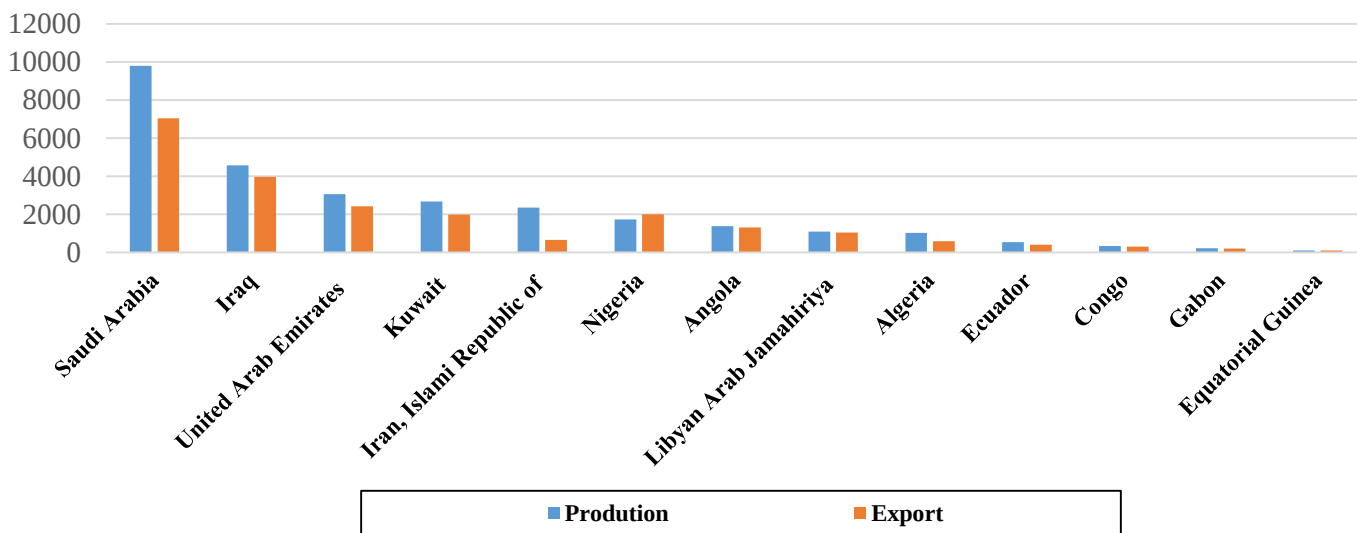
Source: OPEC.

24.8. AVERAGE CRUDE OIL PRODUCTION IN OPEC MEMBER COUNTRIES**(1000 barrels per day)**

Country	2000	2005	2010	2015 ⁽¹⁾	2016 ⁽¹⁾	2017 ⁽¹⁾	2018	2019
Total.....	27618	31246	29295	31601	33013	32172	31756	29907
Angola.....	736	1241	1758	1767	1722	1632	1473	1373
Ecuador.....	392	512	476	543	549	531	517	531
Algeria.....	796	1352	1190	1157	1146	1059	1040	1023
United Arab Emirates.....	2175	2378	2324	2989	3088	2967	3008	3058
Iran, (Islamic Rep. of).....	3661	4092	3544	3152	3651	3867	3553	2356
Congo, D. Rep. of.....	267	000	309	232	225	263	324	329
Kuwait.....	1996	2573	2312	2859	2954	2704	2737	2678
Gabon.....	283	000	233	214	221	210	193	218
Equatorial Guinea.....	115	000	237	185	160	129	120	110
Iraq.....	2810	1853	2358	3504	4648	4469	4410	4576
Saudi Arabia.....	8095	9353	8166	10193	10460	9959	10317	9808
Libyan Arab Jamahiriya.....	1347	1693	1487	404	389	811	951	1097
Nigeria.....	2054	2366	2048	1748	1427	1536	1602	1737
Venezuela.....	2891	3067	2854	2654	2373	2035	1510	1013

1. Revised figures.

Source: OPEC.

24.3. PRODUCTION AND EXPORT OF CRUDE OIL BY OPEC MEMBER COUNTRIES, 2019**1000 barrels per day**

For data see Tables 24.8 & 24.9.

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

Country	2000	2005	2010	2015	2016	2017 ⁽²⁾	2018 ⁽²⁾	2019
Total.....	21529	23316	22806	23433	25018	24653	24646	22875
Angola.....	749	947	1711	1711	1670	1577	1421	1319
Ecuador.....	252	380	340	433	415	385	371	398
Algeria.....	461	970	709	642	668	633	571	584
United Arab Emirates.....	1815	2195	2104	2442	2408	2379	2297	2414
Iran, (Islamic Rep. of).....	2492	2395	2248	1081	1922	2125	1850	651
Iraq.....	2040	1472	1890	3005	3804	3802	3862	3968
Saudi Arabia.....	6253	7209	6644	7163	7463	6968	7372	7038
Congo, D. Rep. of.....	000	000	000	227	254	261	307	309
Kuwait.....	1231	1651	1430	1964	2128	2010	2050	1986
Gabon.....	-	-	-	206	205	188	174	207
Equatorial Guinea.....	000	000	000	182	158	125	121	110
Libyan, Arab Jamahiriya.....	1005	1306	1118	288	350	792	999	1036
Nigeria.....	1986	2326	2464	2114	1738	1811	1980	2008
Venezuela.....	2004	1788	1562	1974	1835	1596	1273	847

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

2. Revised figures.

Source: OPEC

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

Country	2000	2005	2010	2015	2016	2017	2018	2019
Total.....	3641	4307	3962	3869	4338	3924	4708	3923
Angola.....	9	14	31	37	54	17	18	17
Ecuador	31	20	28	16	31	42	42	39
Algeria.....	453	452	315	605	541	570	532	506
United Arab Emirates.....	165	509	337	415	630	654	916	882
Iran, (Islamic Rep. of)	60	402	368	514	515	270	272	285
Iraq	126	14	5	14	37	20	46	107
Saudi Arabia	1306	1385	951	1155	1503	1438	1971	1300
Congo, D. Rep. of	000	000	000	6	6	6	6	6
Kuwait.....	380	614	773	739	707	640	630	637
Gabon.....	-	-	-	11	10	12	9	8
Equatorial Guinea	000	000	000	×	×	×	×	×
Libyan Arab Jamahiriya.....	150	163	50	22	23	24	25	21
Nigeria.....	30	49	23	18	18	19	21	20
Venezuela.....	617	609	760	318	263	212	219	95

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

Source: OPEC

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

Country	2000	2005	2010	2015 ⁽¹⁾	2016 ⁽¹⁾	2017 ⁽¹⁾	2018 ⁽¹⁾	2019
Total.....	5118	5164	8097	9107	8933	9000	8892	9057
Angola.....	36	53	95	142	122	115	121	122
Ecuador	120	153	242	259	247	241	260	271
Algeria.....	188	246	344	419	399	422	431	448
United Arab Emirates.....	145	204	591	778	799	819	885	899
Iran, (Islamic Rep. of)	1189	1479	1820	1795	1801	1819	1854	1838
Iraq	452	537	694	686	757	723	704	716
Saudi Arabia	902	1175	2600	3319	3210	3272	3105	3199
Congo, D. Rep. of	000	000	000	8	8	8	8	9
Kuwait.....	153	249	358	383	380	401	417	460
Gabon.....	-	-	-	36	37	38	38	39
Equatorial Guinea	000	000	000	8	6	5	5	5
Libyan Arab Jamahiriya.....	202	230	301	211	208	208	215	214
Nigeria.....	214	258	271	408	393	426	446	470
Venezuela.....	486	521	675	658	566	503	403	486

1. Revised figures.

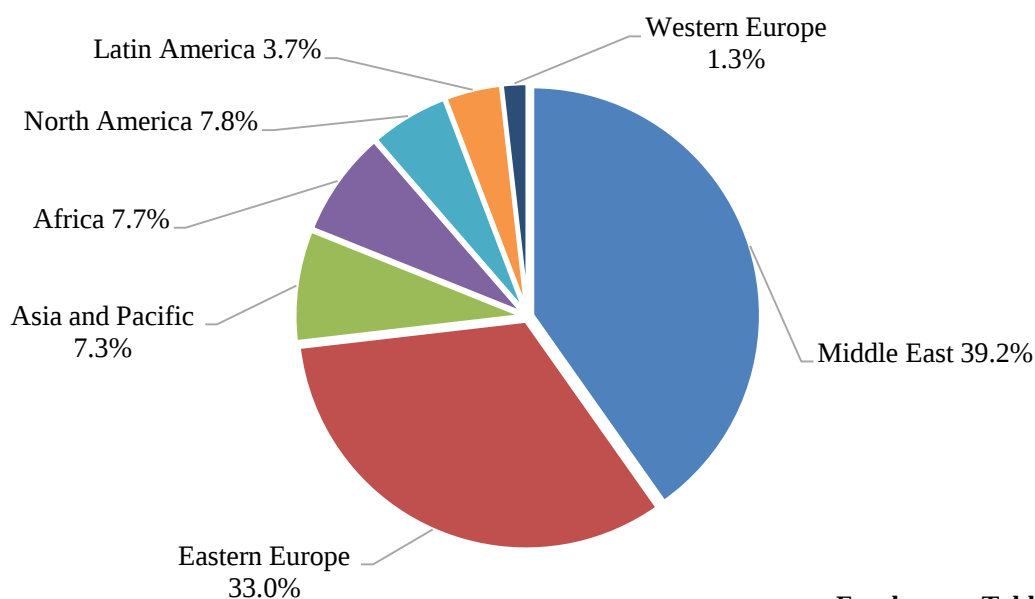
Source: OPEC

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

Region	2000	2005	2010	2015 ⁽¹⁾	2016 ⁽¹⁾	2017 ⁽¹⁾	2018 ⁽¹⁾	2019
World	159776	176272	193239	197053	198669	201732	202968	206204
Asia and Pacific	12469	14439	15827	15312	15142	15086	14952	14979
Africa	12463	14269	14463	14539	14978	15336	15765	15800
North America.....	6708	7421	9701	10880	11216	14491	15455	16186
Latin America	7720	7263	8325	7892	7855	7769	7695	7634
Eastern Europe	53160	54526	61034	65368	65692	65472	65322	68012
Western Europe.....	7446	5836	5001	3869	3646	3518	3326	2727
Middle East	59811	72518	78889	79193	80140	80060	80453	80866

1. Revised figures

Source: OPEC.

24.4. WORLD PROVEN NATURAL GAS RESERVES BY REGION, 2019

For data see Table 24.12.

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

Region	2000	2005	2010	2015 ⁽¹⁾	2016 ⁽¹⁾	2017 ⁽¹⁾	2018 ⁽¹⁾	2019
World.....	2447685	2803859	3300706	3613879	3632114	3768370	3946105	4092916
Asia and Pacific	273475	364620	482068	546261	563702	595353	617999	656113
Africa	125589	169225	211492	209784	216627	230927	248171	252005
North America	726434	696600	800612	932081	928683	959260	1059066	1145563
Latin America	131461	172184	211157	215092	208414	206393	198969	196171
Eastern Europe.....	699097	785300	786343	811601	807214	860256	903346	930100
Western Europe	282630	295780	281728	239817	236969	237730	228097	211839
Middle East.....	209000	320150	527306	659242	670505	678451	690457	701125

1. Revised figures.

Source: OPEC

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

Country	2000	2005	2010	2015	2016	2017	2018	2019
Total	384415	429369	620819	594532	616404	630676	640941	641664
Angola	570	650	733	772	1919	3111	9614	10546
Ecuador.....	140	260	330	497	530	463	349	313
Algeria	83119	89235	84615	83041	93152	94778	95898	89583
United Arab Emirates	38380	47790	51282	60181	61862	54086	47624	55097
Iran, (Islamic Rep. of).....	60240	103500	187357	226673	226905	238003	248524	253773
Iraq.....	3150	1450	1303	7685	10416	10650	11130	11544
Saudi Arabia	49810	71240	87660	104450	110860	115000	118000	117000
Congo, D. Rep. of.....	000	000	000	928	866	860	867	580
Kuwait	9600	12300	11733	16909	17291	17102	17738	13952
Gabon.....	-	-	-	550	551	487	530	464
Equatorial Guinea.....	000	000	000	6200	6200	6600	7751	6235
Libyan Arab Jamahiriya	5880	11300	16814	15493	15570	14309	13880	14190
Nigeria	12460	22400	28099	45148	42562	45434	44251	47828
Venezuela	27801	23444	19728	26004	27718	29793	24785	20559

Source: OPEC.

