

Introduction

In order to provide the possibility of comparing the statistical data of Iran with those of other countries of the world, the chapter of International Statistics has been created in this Yearbook.

To prepare the statistics for this chapter, the Statistical Yearbooks of the United Nations on population, human development reports, and the statistical yearbook of Oil Exporting Countries (OPEC) were used.

The first table of this chapter presents the world's population projection by major areas and continents for the mid-year of 2022, 2023, and the period of 2030 to 2100. Table 2 presents information about the population estimate, population density, age distribution of the population, and urbanization rate for selected countries. Table 3 presents crude birth and death rates in selected countries. Table 4 presents information related to the Human Development Index for selected 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. Explaining the following points is necessary for the

presented statistics.

1. Since 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. Gabon, which left OPEC in 1995, rejoined OPEC in 2016.

3. Angola and Ecuador joined the Organization of the Petroleum Exporting Countries (OPEC) in 2007. It should be noted that Ecuador left the OPEC member countries on January 1, 2020.

4. Since 2010, the components used to calculate the Human Development Index (HDI)¹ have changed based on international recommendations, as shown in Table 24.4.

5. It should be mentioned that changes in the indicator's figures are due to revisions made in the new HDR. It should be noted that, based on the classifications used by the UN, countries are classified into the following groups in terms of the latest UN HDR publication:

- Countries with HDI 0.80 to 1 are considered countries with very high HDI.
- Countries with HDI 0.70 to 0.79 are regarded as

1. Human Development Index

countries with high HDI.

- Countries with HDI 0.55 to 0.69 are taken as countries with medium HDI.

- Countries with HDI less than 0.54 account for countries with low HDI.

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

6. Since the year 1399, the pattern and content of the tables have changed in the OPEC Annual Statistical Bulletin (2021), in the current yearbook, the tables have been developed with the new pattern and content.

Definitions and concepts

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

Human Development Index (HDI)⁽²⁾: This is a composite index measuring average achievement in three basic dimensions of human development—a long and healthy life, knowledge and a decent standard of living.

Human Development Index ranking for 2020: This ranking is based on the HDI value for 2020, calculated using the most recently revised data available in 2022 that were used to calculate the HDI values for 2020.

Life expectancy at birth: to the number of years a newborn infant can expect to live if the current patterns of age-specific mortality rates remain unchanged throughout the infant's life.

Mean years of schooling This refers to the average

number of years of education received by people aged 25 and older, converted from educational attainment levels using official durations of each level.

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

Gross national income (GNI)^(2) per capita: This is the 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 PPP rates, divided by midyear population.

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

Crude oil: This is 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 an oil well;
- c) Small amounts of non-hydrocarbons, produced with oil.

Natural gas: This refers to a mixture of hydrocarbon compounds and small quantities of various non-hydrocarbons that exist in the gaseous phase or in solution with oil in natural underground reservoirs.

2 . Gross National Income.

4. Purchasing Power Parity.

Petroleum products: They refer to 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: This refers to the 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 This refers to the amount of natural gas produced, excluding the quantities of gas that are flared, wasted, injected into fields, and shrank. Therefore, it encompasses the procedures involved in transforming and purifying gas to extract natural gas liquids

Organisation for Economic Co-operation and Development (OECD): The OECD is an international organization that works to build better policies for better lives. Its goal is to shape policies that foster prosperity, equality, opportunity, and well-being for all. It draws on 60 years of experience and insights to better prepare the world of tomorrow. Together with governments, policymakers, and citizens, it works on establishing evidence-based international standards and finding solutions to a range of social, economic, and environmental challenges. From improving economic performance and creating jobs to fostering strong education and fighting international tax evasion, it provides a unique forum and knowledge hub for data and analysis, exchange of experiences, best-practice sharing, and advice on public policies and international standard-setting.

Selected information

Estimation shows that the population of the world in 2100 will be 10349 million persons. Asia and Africa with 4674 and 3924 million people will have the highest population, respectively.

In 2019, 2020, and 2021, Iran's HDIs were 0.783, 0.777, and 0.774, respectively. Iran ranked 76th among the world countries in 2020. It is necessary to mention that Iran also ranked 77th in 2020.

In 2021, Iranian life expectancy at birth was 73.9 years.

According to the statistics released by OPEC, Iranian crude oil production in 2022 was 2554 thousand barrels per day. Iran has ranked fifth among 13 OPEC member countries. Saudi Arabia with an average production of 10591 thousand barrels, Iraq with a production of 4453 thousand barrels per day, United Arab Emirates with an average production of 3064 thousand barrels per day, and Kuwait with an average production of 2707 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 eighth among OPEC oil-exporting countries in 2022 by 901 thousand barrels per day production. In addition, supplying more than 262 billion cubic meters of natural gas to the market, made Iran the largest gas supplier in OPEC.

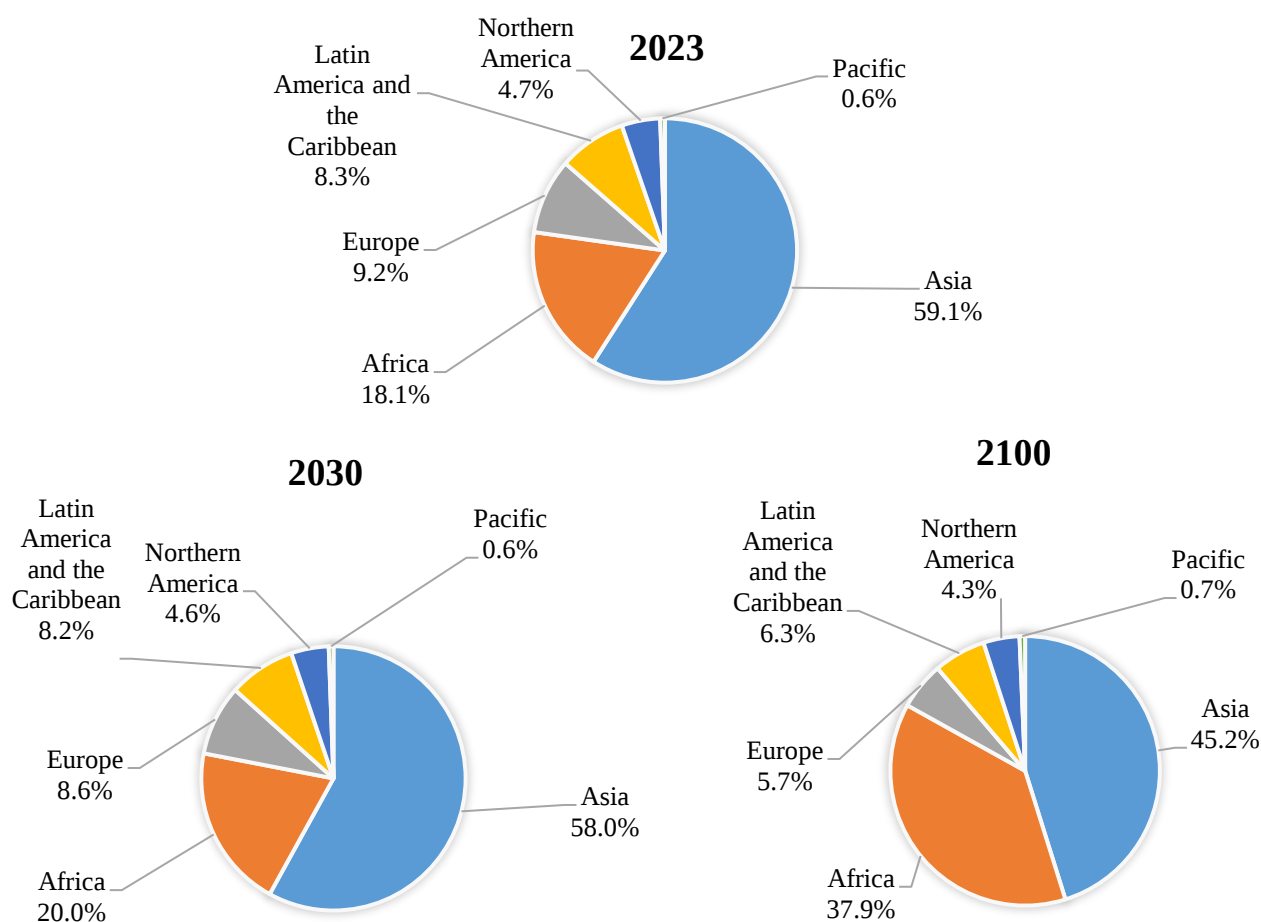
24.1. THE WORLD POPULATION AND ITS PROJECTION BY REGION⁽¹⁾**(mln people)**

World and region	2022	2023	2030 ⁽²⁾	2050 ⁽²⁾	2100 ⁽²⁾
World	7975	8045	8546	9709	10349
Asia	4723	4753	4959	5293	4674
Africa	1427	1460	1711	2485	3924
Europe	744	742	737	703	587
Latin America and the Caribbean	660	665	698	749	647
Northern America	377	379	393	421	448
Pacific	45	46	49	58	69

1. Midyear figures.

2. Revised figures

Source: United Nations.

24.1. THE WORLD POPULATION AND ITS PROJECTION BY REGION

24.2. SOME POPULATION INDICATORS BY WORLD SELECTED COUNTRIES: 2022

Region and country	Estimated population (million persons) ^(1,2)	Population age distribution(%)		Population density (person per sq. km)	Percentage of urbanization ⁽³⁾
		Population aged 0-14	Population aged over 60		
Asia					
Azerbaijan, Republic ⁽⁴⁾	10.36	23.5	12.5	125.3	58
Jordan.....	11.29	32.1	6.3	127.1	92
Armenia.....	2.78	20.5	20.3	97.7	64
Uzbekistan.....	34.63	30.2	8.6	81.4	51
Afghanistan.....	41.13	43.1	3.8	63.3	27
United Arab Emirates.....	9.44	15.2	3.5	132.9	88
Indonesia.....	275.5	25.2	10.9	144.2	59
Iran (Islamic Republic of).....	88.55	23.6	11.6	54.4	77
Bahrain.....	1.47	20.2	6.9	1880.2	90
Bangladesh.....	171.19	26.0	9.3	1315.1	40
Pakistan.....	235.82	36.6	6.8	305.9	38
Tajikistan.....	9.95	36.3	6.2	69.6	28
Thailand.....	71.70	15.5	22.0	140.3	54
Turkmenistan.....	6.43	31.1	8.8	13.7	54
Turkey.....	85.34	23.2	12.7	110.9	77
China ⁽⁵⁾	1425.89	17.2	18.6	148.5	65
Japan.....	123.95	11.6	35.8	328.9	92
Singapore.....	5.98	11.8	23.0	8749.2	100
Syria, Arab Republic.....	22.13	31.4	7.2	120.4	57
Iraq.....	44.50	37.7	5.1	102.5	72
Saudi Arabia.....	36.41	25.9	5.3	16.9	85
Oman.....	4.58	27.0	4.5	14.8	88
Palestine ⁽⁶⁾	5.25	38.8	5.5	872.1	78
Philippine.....	115.56	30.3	8.6	385.2	48
Kyrgyzstan.....	6.63	34.4	7.9	34.6	38
Kazakhstan.....	19.40	29.7	12.8	7.2	58
Qatar.....	2.70	15.8	3.3	232.6	99
Republic of Korea.....	51.82	11.6	25.5	523.7	81
Kuwait.....	4.27	20.7	9.3	239.6	100
Georgia ⁽⁷⁾	3.74	21.3	21.0	53.9	61
Lebanon.....	5.49	27.4	14.4	536.6	89
Malaysia ⁽⁸⁾	33.94	22.7	11.4	103.3	79
India.....	1417.17	25.3	10.5	476.7	36
Yemen.....	33.70	39.5	4.1	63.8	40

24.2. SOME POPULATION INDICATORS BY WORLD SELECTED COUNTRIES: 2022 (continued)

Region and country	Estimated population (million persons) ^(1,2)	Population age distribution(%)		Population density (person per sq. km)	Percentage of urbanization ⁽³⁾
		Population aged 0-14	Population aged over 60		
<i>Africa</i>					
South Africa	59.89	28.6	8.7	49.1	69
Algeria.....	44.90	30.6	9.7	18.9	75
Burkina Faso	22.67	43.7	4.1	82.9	33
Tunisia.....	12.36	24.8	13.7	79.5	71
Zimbabwe.....	16.32	40.6	4.8	42.2	33
Sudan.....	46.87	40.9	5.5	26.6	36
Cameroon.....	27.91	42.2	4.2	59.9	59
Democratic Republic of the Congo....	99.01	46.5	4.6	43.7	47
Libyan Arab Jamahiriya.....	6.81	28.3	7.7	4.1	82
Morocco	37.46	26.6	11.9	83.9	65
Egypt.....	110.99	32.9	7.7	111.5	43
Nigeria.....	218.54	43.0	4.7	240.0	54
<i>South America</i>					
Argentina.....	45.51	23.1	16.2	16.3	92
Brazil.....	215.31	20.3	14.6	25.8	88
Peru	34.05	26.0	12.0	26.6	79
Chile	19.60	18.3	18.3	26.0	88
Venezuela.....	28.30	27.6	12.9	30.9	88
<i>North America</i>					
USA ⁽⁹⁾	338.29	18.0	23.4	37.0	83
Canada.....	38.45	15.6	25.9	4.20	82
<i>Latin America and the Caribbean</i>					
Cuba	11.21	15.7	22.0	105.0	78
Mexico	127.50	24.5	12.2	65.1	82
<i>Europe</i>					
Germany.....	83.37	14.0	29.7	239.2	78
Austria.....	8.94	14.4	26.7	108.3	60
Spain ⁽¹⁰⁾	47.56	13.8	26.8	94.7	82
Ukraine ⁽¹¹⁾	39.70	15.4	26.5	68.5	70
Italy	59.04	12.4	31.0	199.5	72
Ireland	5.02	19.6	20.5	73.5	64
Belgium.....	11.66	16.5	26.2	385.0	98
Bulgaria.....	6.78	14.0	29.2	62.6	77
Bosnia and Herzegovina	3.23	14.9	25.8	63.2	50
UK ⁽¹²⁾	67.51	17.5	25.2	278.1	85

24.2. SOME POPULATION INDICATORS BY WORLD SELECTED COUNTRIES: 2022 (continued)

Region and country	Estimated population (million persons) ^(1,2)	Population age distribution(%)		Population density (population per sq km)	Percentage of urbanization ⁽³⁾
		Population aged 0-14	Population aged over 60		
Portugal	10.27	13.2	29.7	111.7	68
Denmark ⁽¹³⁾	5.88	16.1	26.5	138.8	88
Russia	144.71	17.7	22.8	8.8	75
Romania	19.66	15.9	24.5	85.4	55
Sweden	10.55	17.6	25.7	25.9	89
Switzerland	8.74	15.0	25.7	218.6	74
France ⁽¹⁴⁾	64.63	17.2	27.8	117.2	82
Finland ⁽¹⁵⁾	5.54	15.2	29.7	18.3	86
Poland	39.86	15.2	25.0	130.2	60
Hungary	9.97	14.4	25.8	110.1	73
Norway ⁽¹⁶⁾	5.43	16.7	24.2	17.9	84
Netherland ⁽¹⁷⁾	17.56	15.4	27.0	521.6	93
Greece	10.39	13.9	29.4	79.4	81
Pacific					
Australia ⁽¹⁸⁾	26.18	18.2	22.6	3.4	87
New Zealand ⁽¹⁹⁾	5.19	18.7	22.2	19.6	87

1 Mid-year figures

2. Projected estimate (medium fertility variant)

3. The figures of the indicators are extracted from the 2022 World Population Data Sheet publication of the Population Reference Bureau, and the footnotes of the countries do not include this indicator.

4. Including Nagorno-Karabakh.

5. 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

6. Including Eastern Jerusalem

7. Including Abkhazia and South Ossetia

8 Including Sabah and Sarawak.

9. For statistical purposes, the data for the United States do not include Samoa, Guam, the Northern Mariana Islands, Puerto Rico, and the US Virgin Islands.

10. Including Canary Islands, Ceuta and Melilla.

11. Including Crimea Peninsula.

12. Refers to the United Kingdom of Great Britain and Northern Ireland. For statistical purposes, the data for United Kingdom do not include Anguilla, Bermuda, British Virgin Islands, Cayman Islands, Channel Islands, Falkland Islands (Malvinas), Gibraltar, Isle of Man, Montserrat, Saint Helena, Turks and Caicos Islands.

13. For statistical purposes, the data for Denmark do not include Faroe Islands, and Greenland.

14. For statistical purposes, the data for France do not include French Guiana, French Polynesia, Guadeloupe, Martinique, Mayotte, New Caledonia, Réunion, Saint Pierre and Miquelon, Saint Barthélemy, Saint Martin (French part), Wallis and Futuna Islands.

15. Including Aland Islands.

16. Including Svalbard and Jan Mayen Islands.

17. For statistical purposes, the data for Netherlands do not include Aruba, Bonaire, Sint Eustatius and Saba, Curaçao, and Sint Maarten (Dutch part).

18. Including Christmas Island, Cocos (Keeling) Islands and Norfolk Island.

19. For statistical purposes, the data for New Zealand do not include Cook Islands, Niue, and Tokelau.

Source: Population Reference Bureau.

24.3. CRUDE BIRTH, DEATH RATES AND INFANT MORTALITY RATES BY SELECTED COUNTRIES, 2022

Region and country	Crude birth rate (per 1000 population)	Crude death rate (per 1000 population)	Deaths rate of infants under one year of age ⁽¹⁾ (per 1000 live births)
Asia	14	7	24
Azerbaijan, Republic.....	12	6	8
Jordan.....	22	4	12
Armenia.....	12	9	7
Uzbekistan.....	26	5	9
Afghanistan.....	42	7	46
United Arab Emirates.....	10	2	5
Indonesia.....	17	6	15
Iran (Islamic Republic of).....	13	6	10
Bahrain.....	11	2	5
Bangladesh.....	21	5	25
Pakistan.....	27	7	56
Tajikistan.....	27	5	25
Thailand.....	7	9	7
Turkmenistan.....	21	7	33
Turkey.....	12	6	9
China.....	7	7	6
Japan.....	6	13	1.8
Singapore.....	8	6	1.8
Syrian Arab Rep.....	21	5	16
Iraq.....	27	4	18
Saudi Arabia.....	17	3	6
Oman.....	18	3	9
Occupied Palestine.....	29	4	14
Philippines.....	12	8	22
Kyrgyzstan.....	22	5	14
Kazakhstan.....	21	7	8
Qatar.....	9	1	5
Korea, Rep. of.....	5	7	2.3
Kuwait.....	11	2	8
Georgia.....	11	13	8
Lebanon.....	15	9	6
Malaysia.....	15	9	6
India.....	18	8	28
Yemen.....	30	7	47
Africa	32	8	44
South Africa.....	20	11	24
Algeria.....	24	5	21
Burkina Faso.....	31	9	30
Tunisia.....	14	11	13
Zimbabwe.....	29	8	24
Sudan.....	33	7	37
Cameroon.....	35	9	48
Congo, D. Rep. of.....	42	9	50
Libyan Arab Jamahiriya.....	17	6	9

24.3. CRUDE BIRTH, DEATH RATES AND INFANT MORTALITY RATES BY SELECTED COUNTRIES, 2022 (continued)

Region and country	Crude birth rate (per 1000 population)	Crude death rate (per 1000 population)	Deaths of infants rate under one year of age ⁽¹⁾ (per 1000 live births)
Morocco	16	5	18
Egypt	21	6	18
Nigeria.....	37	12	63
South America.....	14	8	12
Argentina.....	14	9	9.2
Brazil.....	12	8	11
Peru	17	8	17
Chile.....	9	7	5.6
Venezuela.....	16	8	15
North America	11	10	5.0
USA.....	11	10	5.6
Canada.....	9	8	4.3
Latin America and the Caribbean.....	14	8	13
Cuba	9	15	7.6
Mexico	15	9	10
Europe	9	12	4.0
Germany.....	9	13	3.2
Austria.....	9	10	2.4
Spain	7	11	2.5
Ukraine.....	8	21	6.6
Italy	7	12	2.4
Ireland	11	7	3.3
Belgium.....	10	10	3.2
Bulgaria.....	9	18	4.8
Bosnia-Herzegovina.....	7	12	4.0
U.K.....	10	10	4.0
Portugal	8	12	2.6
Denmark.....	10	10	3.0
Russia Federation.....	9	14	4.6
Romania	9	18	5.9
Sweden.....	10	9	2.2
Switzerland.....	9	8	3.1
France.....	11	10	3.2
Finland	8	11	2.0
Poland	8	11	4.1
Hungary.....	9	14	3.6
Norway.....	9	8	1.9
Netherlands	9	10	3.3
Greece	8	14	3.5
Pacific	15	7	15
Australia.....	11	7	3.2
New Zealand	11	7	3.5

1. Figures 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

Region and country	2021			
	Life expectancy at birth	Expected years of schooling	Mean years of schooling	Gross National Income (GNI) per capita (constant 2017 PP\$)
Asia				
Azerbaijan, Republic.....	69.4	13.5	10.5	14257
Jordan.....	74.3	10.6	10.4	9924
Armenia.....	72.0	13.1	11.3	13158
Uzbekistan.....	70.9	12.5	11.9	7917
Afghanistan.....	62.0	10.3 ⁽³⁾	3.0	1824
United Arab Emirates.....	78.7	15.7	12.7	62574
Indonesia.....	67.6	13.7 ⁽³⁾	8.6	11466
Iran (Islamic Republic of)...	73.9	14.6	10.6 ⁽³⁾	13001
Bahrain.....	78.8	16.3	11.0	39497
Bangladesh.....	72.4	12.4	7.4	5472
Pakistan.....	66.1	8.7	4.5	4624
Tajikistan.....	71.6	11.7 ⁽³⁾	11.3 ⁽⁴⁾	4548
Thailand.....	78.7	15.9 ⁽⁵⁾	8.7	17030
Turkmenistan.....	69.3	13.2	11.3	13021
Turkey.....	76.0	18.3 ⁽⁶⁾	8.6	31033
China.....	78.2	14.2 ⁽³⁾	7.6 ⁽⁴⁾	17504
Japan.....	84.8	15.2 ⁽³⁾	13.4	42274
Singapore.....	82.8	16.5	11.9	90919 ⁽⁷⁾
Syrian Arab Republic.....	72.1	9.2	5.1 ⁽⁸⁾	4192 ⁽⁹⁾
Iraq.....	70.4	12.1	7.9	9977
Saudi Arabia.....	76.9	16.1	11.3	46112
Oman.....	72.5	14.6	11.7	27054
Occupied Palestine.....	73.5	13.4	9.9	6583
Philippines.....	69.3	13.1	9.0	8920
Kyrgyzstan.....	70.0	13.2	11.4 ⁽⁴⁾	4566
Kazakhstan.....	69.4	15.8	12.3 ⁽³⁾	23943
Qatar.....	79.3	12.6	10.0 ⁽³⁾	87134 ⁽⁷⁾
Korea (Republic of).....	83.7	16.5	12.5 ⁽³⁾	44501
Kuwait.....	78.7	15.3 ⁽³⁾	7.3 ⁽³⁾	52920
Georgia.....	71.7	15.6	12.8	14664
Lebanon.....	75.0	11.3 ⁽¹⁰⁾	8.7 ⁽⁸⁾	9526
Malaysia.....	74.9	13.3	10.6	26658
India.....	67.2	11.9	6.7 ⁽⁴⁾	6590
Yemen.....	63.8	9.1	3.2 ⁽¹¹⁾	1314
Africa				
South Africa.....	62.3	13.6	11.4	12948
Algeria.....	76.4	14.6 ⁽⁵⁾	8.1 ⁽³⁾	10800
Burkina Faso.....	59.3	9.1	2.1	2118
Tunisia.....	73.8	15.4 ⁽³⁾	7.4 ⁽³⁾	10258
Zimbabwe.....	59.3	12.1 ⁽³⁾	8.7 ⁽³⁾	3810
Sudan.....	65.3	7.9 ⁽³⁾	3.8	3575
Cameroon.....	60.3	13.1 ⁽³⁾	6.2 ⁽⁴⁾	3621
Congo, D. Rep. of.....	59.2	9.8	7.0	1076
Libyan, Arab Republic.....	71.9	12.9 ⁽⁸⁾	7.6 ⁽¹²⁾	15336

24.4. HUMAN DEVELOPMENT INDEX IN SELECTED COUNTRIES (continued)

Region and country	Human development index ⁽¹⁾					Human development index rank 2020	Human development index rank 2021
	2017 ⁽²⁾	2018	2019	2020	2021		
Asia							
Azerbaijan, Republic.....	0.759	0.757	0.761	0.730	0.745	100	91
Jordan.....	0.726	0.723	0.727	0.723	0.720	104	102
Armenia.....	0.769	0.771	0.778	0.757	0.759	87	85
Uzbekistan.....	0.713	0.720	0.726	0.721	0.727	107	101
Afghanistan.....	0.506	0.483	0.488	0.483	0.478	177	180
United Arab Emirates.....	0.881	0.909	0.920	0.912	0.911	25	26
Indonesia.....	0.707	0.710	0.716	0.709	0.705	116	114
Iran (Islamic Republic of).....	0.787	0.787	0.783	0.777	0.774	77	76
Bahrain.....	0.854	0.879	0.882	0.877	0.875	35	35
Bangladesh.....	0.616	0.635	0.644	0.655	0.661	128	129
Pakistan.....	0.550	0.545	0.546	0.543	0.544	161	161
Tajikistan.....	0.657	0.671	0.676	0.664	0.685	126	122
Thailand.....	0.657	0.671	0.804	0.802	0.800	64	66
Turkmenistan.....	0.701	0.746	0.742	0.741	0.745	93	91
Turkey.....	0.814	0.839	0.842	0.833	0.838	48	48
China.....	0.750	0.755	0.762	0.764	0.768	82	79
Japan.....	0.915	0.923	0.924	0.923	0.925	19	19
Singapore.....	0.933	0.940	0.943	0.939	0.939	10	12
Syrian Arab Republic.....	0.564	0.580	0.584	0.577	0.577	152	150
Iraq.....	0.667	0.692	0.696	0.679	0.686	122	121
Saudi Arabia.....	0.852	0.865	0.873	0.870	0.875	38	35
Oman.....	0.819	0.834	0.839	0.827	0.816	51	54
Occupied Palestine.....	0.706	0.723	0.727	0.716	0.715	109	106
Philippines.....	0.708	0.710	0.718	0.710	0.699	113	116
Kyrgyzstan.....	0.694	0.698	0.698	0.689	0.692	121	118
Kazakhstan.....	0.815	0.814	0.819	0.814	0.811	59	56
Qatar.....	0.848	0.853	0.859	0.854	0.855	42	42
Korea (Republic of).....	0.912	0.919	0.923	0.922	0.925	20	19
Kuwait.....	0.805	0.836	0.839	0.822	0.831	54	50
Georgia.....	0.799	0.804	0.810	0.802	0.802	64	63
Lebanon.....	0.748	0.750	0.745	0.726	0.706	103	112
Malaysia.....	0.805	0.807	0.810	0.806	0.803	61	62
India.....	0.640	0.645	0.645	0.642	0.633	130	132
Yemen.....	0.467	0.459	0.461	0.460	0.455	183	183
Africa							
South Africa.....	0.705	0.726	0.736	0.727	0.713	102	109
Algeria.....	0.745	0.745	0.748	0.736	0.745	96	91
Burkina Faso.....	0.439	0.449	0.452	0.449	0.449	185	184
Tunisia.....	0.734	0.743	0.745	0.737	0.731	94	97
Zimbabwe.....	0.563	0.602	0.601	0.600	0.593	145	146
Sudan.....	0.509	0.514	0.514	0.510	0.508	171	172
Cameroon.....	0.557	0.577	0.583	0.578	0.576	150	151
Congo, D. Rep. of.....	0.478	0.480	0.482	0.479	0.479	180	179
Libyan Arab Jamahiriya.....	0.714	0.722	0.722	0.703	0.718	117	104

24.4. HUMAN DEVELOPMENT INDEX IN SELECTED COUNTRIES (continued)

Region and country	2021			
	Life expectancy at birth	Expected years of schooling	Mean years of schooling	Gross National Income (GNI) per capita (constant 2017 PPP\$)
Morocco	74.0	14.2	5.9	7303
Egypt	70.2	13.8 ⁽³⁾	9.6 ⁽³⁾	11732
Nigeria.....	52.7	10.1 ⁽¹³⁾	7.2 ⁽¹⁴⁾	4790
South America				
Argentina.....	75.4	17.9	11.1 ⁽³⁾	20925
Brazil.....	72.8	15.6	8.1 ⁽³⁾	14370
Peru	72.4	15.4 ⁽³⁾	9.9 ⁽³⁾	12246
Chile.....	78.9	16.7	10.9 ⁽³⁾	24563
Venezuela.....	70.6	12.8 ⁽¹⁰⁾	11.1 ⁽³⁾	4811 ⁽¹⁵⁾
North America				
USA.....	77.2	16.3	13.7	64765
Canada.....	82.7	16.4	13.8 ⁽³⁾	46808
Latin America and the Caribbean				
Cuba	73.7	14.4	12.5 ⁽³⁾	7879 ⁽¹⁶⁾
Mexico	70.2	14.9	9.2	17896
Europe				
Germany.....	80.6	17.0	14.1 ⁽³⁾	54534
Austria.....	81.6	16.0	12.3	53619
Spain	83.0	17.9	10.6	38354
Ukraine.....	71.6	15.0	11.1	13256
Italy	82.9	16.2	10.7	42840
Ireland	82.0	18.9 ⁽⁶⁾	11.6 ⁽³⁾	76169 ⁽⁷⁾
Belgium.....	81.9	19.6 ⁽⁶⁾	12.4	52293
Bulgaria.....	71.8	13.9	11.4	23079
Bosnia-Herzegovina.....	75.3	13.8 ⁽¹⁷⁾	10.5	15242
U.K.....	80.7	17.3	13.4	45225
Portugal	81.0	16.9	9.6	33155
Denmark.....	81.4	18.7 ⁽⁶⁾	13.0	60365
Romania	74.2	14.2	11.3	30027
Sweden.....	83.0	19.4 ⁽⁶⁾	12.6	54489
Switzerland.....	84.0	16.5	13.9	66933
Russian Federation.....	69.4	15.8	12.8	27166
France.....	82.5	15.8	11.6	45937
Finland	82.0	19.1 ⁽⁶⁾	12.9	49452
Poland.	76.5	16.0	13.2	33034
Hungary.....	74.5	15.0 ⁽³⁾	12.2	32789
Norway.....	83.2	18.2 ⁽⁶⁾	13.0	64660
Netherlands	81.7	18.7 ^(3,6)	12.6	55979
Greece	80.1	20.0 ⁽⁶⁾	11.4	29002
Pacific				
Australia.....	84.5	21.1 ⁽⁶⁾	12.7	49238
New Zealand	82.5	20.3	12.9	44057

24.4. HUMAN DEVELOPMENT INDEX IN SELECTED COUNTRIES (continued)

Region and country	Human development index ⁽¹⁾					Human development index rank 2020	Human development index rank 2021
	2017 ⁽²⁾	2018	2019	2020	2021		
Morocco	0.673	0.676	0.682	0.679	0.683	122	123
Egypt	0.698	0.729	0.735	0.734	0.731	97	97
Nigeria.....	0.531	0.531	0.538	0.535	0.535	163	163
<i>South America</i>							
Argentina.....	0.843	0.850	0.852	0.840	0.842	47	47
Brazil.....	0.761	0.764	0.766	0.758	0.754	86	87
Peru	0.767	0.776	0.780	0.762	0.762	85	84
Chile	0.847	0.856	0.861	0.852	0.855	43	42
Venezuela.....	0.743	0.738	0.721	0.695	0.691	118	120
<i>North America</i>							
USA.....	0.924	0.927	0.930	0.920	0.921	21	21
Canada.....	0.926	0.933	0.937	0.931	0.936	15	15
<i>Latin America and the Caribbean</i>							
Cuba	0.777	0.783	0.788	0.781	0.764	73	83
Mexico	0.771	0.777	0.779	0.756	0.758	88	86
<i>Europe</i>							
Germany.....	0.943	0.945	0.948	0.944	0.942	7	9
Austria.....	0.919	0.917	0.919	0.913	0.916	23	25
Spain	0.903	0.901	0.908	0.899	0.905	27	27
Ukraine.....	0.771	0.783	0.786	0.775	0.773	78	77
Italy	0.886	0.893	0.897	0.889	0.895	32	30
Ireland	0.947	0.937	0.942	0.943	0.945	8	8
Belgium.....	0.929	0.933	0.936	0.928	0.937	16	13
Bulgaria.....	0.811	0.809	0.810	0.802	0.795	64	68
Bosnia-Herzegovina.....	0.774	0.776	0.783	0.781	0.780	73	74
U.K.....	0.926	0.929	0.935	0.924	0.929	17	18
Portugal	0.858	0.860	0.867	0.863	0.866	39	38
Denmark.....	0.936	0.942	0.946	0.947	0.948	5	6

24.4. HUMAN DEVELOPMENT INDEX IN SELECTED COUNTRIES (continued)

Region and country	Human development index ⁽¹⁾					Human development index rank 2020	Human development index rank 2021
	2017 ⁽²⁾	2018	2019	2020	2021		
Romania	0.821	0.827	0.832	0.824	0.821	53	53
Sweden	0.942	0.942	0.947	0.942	0.947	9	7
Switzerland.....	0.949	0.959	0.962	0.956	0.962	3	1
Russian Federation.....	0.820	0.841	0.845	0.830	0.822	49	52
France.....	0.771	0.901	0.905	0.898	0.903	28	28
Finland	0.935	0.936	0.939	0.938	0.940	12	11
Poland	0.873	0.877	0.881	0.876	0.876	36	34
Hungary.....	0.846	0.849	0.853	0.849	0.846	44	46
Norway	0.954	0.962	0.961	0.959	0.961	1	2
Netherlands	0.939	0.939	0.943	0.939	0.941	10	10
Greece.	0.879	0.886	0.889	0.886	0.887	33	33
Pacific							
Australia.....	0.941	0.941	0.941	0.947	0.951	5	5
New Zealand	0.926	0.936	0.937	0.936	0.937	13	13

1. The figures of the previous years are revised according to the publication "HDI" every year

2. The figures for 2017 are from the 2020 HDI Publication..

3. Updated by HDRO based on data from UNESCO Institute for Statistics (2022).

4. Updated by HDRO based on data from Barro and Lee (2018) and UNESCO Institute for Statistics (2022).

5. Updated by HDRO based on data from UNESCO Institute for Statistics (2022) and United Nations Children's Fund (UNICEF) Multiple Indicator Cluster Surveys for various years.

6. In calculating the HDI value, expected years of schooling is capped at 18 years.

7. In calculating the HDI value, GNI per capita is capped at \$75,000.

8. Based on cross-country regression.

9. HDRO estimate based on data from UNDESA (2022), United Nations Statistics Division (2022) and World Bank (2022).

10. Updated by HDRO based on data from the United Nations Educational, Scientific and Cultural Organization Institute for Statistics for various years.

11. Based on projections from Barro and Lee (2018).

12. Updated by HDRO using projections from Barro and Lee (2018).

13. Updated by HDRO based on data from ICF Macro Demographic and Health Surveys for various years and UNESCO Institute for Statistics (2022).

14. Updated by HDRO based on data from ICF Macro Demographic and Health Surveys for various years.

15. IMF (2021) and UNDESA (2022).

16. HDRO estimate based on cross-country regression and the projected growth rate from UNDESA (2022)

17. Based on data from the national statistical office.

Source: United Nations.

24.5. WORLD PROVEN CRUDE OIL RESERVES BY REGION AND COUNTRY⁽¹⁾ (mln barrels)

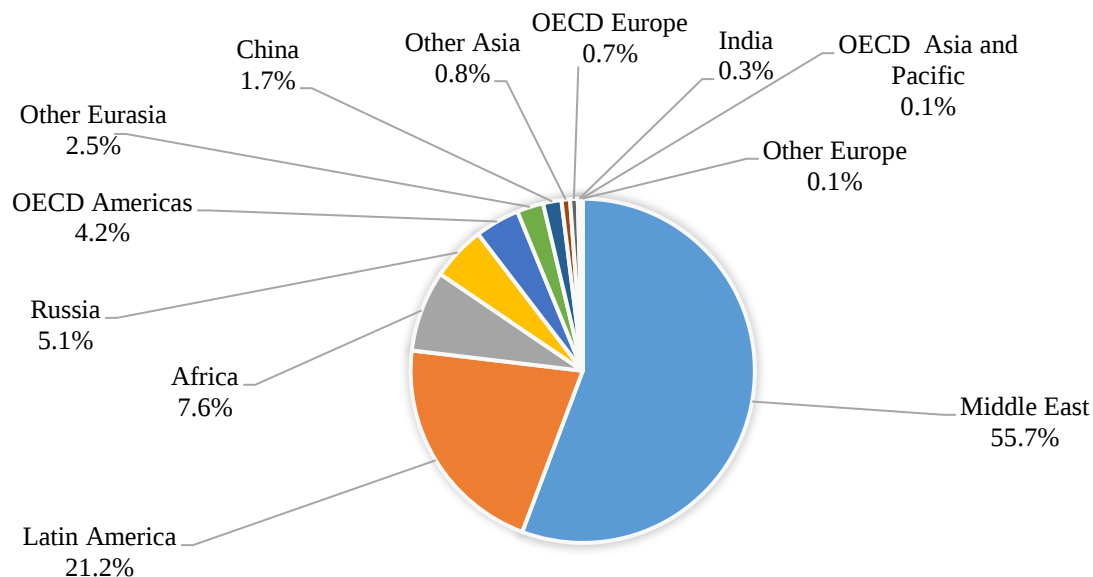
Region and country	2018 ⁽²⁾	2019 ⁽²⁾	2020 ⁽²⁾	2021 ⁽²⁾	2022
Total World.....	1493631	1553386	1544233	1547168	1564441
OECD Americas	54973	54580	46402	51774	65690
OECD Europe	13098	13224	12412	11772	11251
OECD Asia and Pacific....	2483	2477	2475	1833	1890
China	25927	26154	26023	26491	27003
India	4423	4423	4605	4489	4370
Other Asia	13415	13577	12841	12829	12522
Latin America	330461	331628	330719	329481	331265
Middle East	803184	863418	865519	869612	871612
Africa	125861	124117	123449	119099	119050
Russia.....	80000	80000	80000	80000	80000
Other Eurasia.....	38874	38874	38874	38874	38874
Other Europe	932	914	914	914	914
Total world of which:					
OPEC	1182528	1241281	1242377	1241819	1243523
OPEC percentage	79.2	79.9	80.5	80.3	79.5
OECD.....	70554	70281	61289	65379	78831

1. Figures as at year-end.

2. Some figures were revised.

3. The American countries in the Organization for Economic Development and Cooperation (OECD) include Canada, Chile, Mexico, and the United States, and the data excludes Canada's oil sands.

Source: OPEC.

24.2. WORLD PROVEN CRUDE OIL RESERVES BY REGION AND COUNTRIES, 2022

For data see Table 24.6.

24.6. WORLD CRUDE OIL PRODUCTION BY REGION AND COUNTRY⁽¹⁾ (1000 barrels per day)

Region and country	2018 ⁽²⁾	2019 ⁽²⁾	2020 ⁽²⁾	2021 ⁽²⁾	2022
Total World.....	75297	74819	68786	69346	72801
OECD Americas	14039	15300	14181	14105	14744
OECD Europe	3862	2775	2977	2902	2724
OECD Asia and Pacific....	144	164	163	143	129
China	3878	3825	3889	3988	4094
India	661	623	587	574	563
Other Asia	1886	1825	1686	1560	1451
Latin America	6207	5961	5536	5575	6027
Middle East	25731	24171	22043	22234	25094
Africa	6946	7133	5857	6199	5858
Russia.....	10355	10390	9409	9619	9756
Other Eurasia.....	2560	2533	2344	2336	2260
Other Europe	119	119	114	109	103
Total world of which:					
OPEC ⁽³⁾	31217	29376	25659	26363	28895
OPEC percentage	41.5	39.3	37.3	38.0	39.7
OECD.....	17046	18239	17321	17151	17597

1. OPEC Member Countries are not included in the regional totals.

2. Some figures were revised.

3. The oil production of Kuwait and Saudi Arabia, members of OPEC, includes the share of production from the neutral zone. Moreover, the time-series of Nigeria's oil production from OPEC members before 2020 includes some lease condensates and condensates from gas facilities of that country.

Source: OPEC.

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

Region and country	2018 ⁽²⁾	2019 ⁽²⁾	2020 ⁽²⁾	2021 ⁽²⁾	2022
Total World.....	45571	44900	41700	40794	43477
OECD Americas	6509	7523	7544	7242	7967
OECD Europe	2168	2144	2277	2232	2131
OECD Asia and Pacific....	236	271	271	271	257
China	52	16	33	53	41
India	0	0	0	0	0
Other Asia	833	653	656	545	414
Latin America	3477	3289	3008	2738	3060
Middle East	18909	17586	16266	16036	18155
Africa	6087	6126	5028	5282	4841
Russia.....	5207	5241	4617	4510	4780
Other Eurasia.....	2080	2033	1975	1862	1813
Other Europe	12	16	25	23	17
Total world of which:					
OPEC	24274	22478	19701	19656	21389
OPEC percentage	53.3	50.1	47.2	48.2	49.2
OECD.....	8913	9939	10092	9744	10355

1. Data may include lease condensates and volumes of oil in transit.

2. Some figures were revised.

Source: OPEC.

24.8. CRUDE OIL PRODUCTION BY OPEC MEMBERS**(1000 barrels per day)**

Country	2005	2010	2015	2018 ⁽¹⁾	2019 ⁽¹⁾	2020 ⁽¹⁾	2021	2022
Total.....	31246	29295	31601	31217	29376	25659	26363	28895
Angola.....	1241	1758	1767	1473	1373	1271	1124	1137
Ecuador ⁽²⁾	512	476	543	517	531	×	×	×
Algeria	1352	1190	1157	1040	1023	899	911	1020
United Arab Emirates	2378	2324	2989	3008	3058	2779	2718	3064
Iran, (Islamic Republic of).....	4092	3544	3152	3536	2362	1991	2392	2554
Congo.....	0	309	232	323	329	300	267	262
Kuwait ⁽³⁾	2573	2312	2859	2737	2678	2438	2415	2707
Gabon.....	0	233	214	193	218	207	181	191
Equatorial Guinea	0	237	185	120	110	114	93	81
Iraq.....	1853	2358	3504	4410	4576	3997	3971	4453
Saudi Arabia ⁽³⁾	9353	8166	10193	10317	9808	9213	9125	10591
Libya	1693	1487	404	946	1091	389	1207	981
Nigeria	2366	2048	1748	1602	1737	1493	1323	1138
Venezuela	3067	2854	2654	1510	1013	569	636	716

1. Some figures were revised figures.

2. Ecuador has left the OPEC since 1st January, 2020.

3. Figures include share of wells completed from Neutral Zone

Source: OPEC.

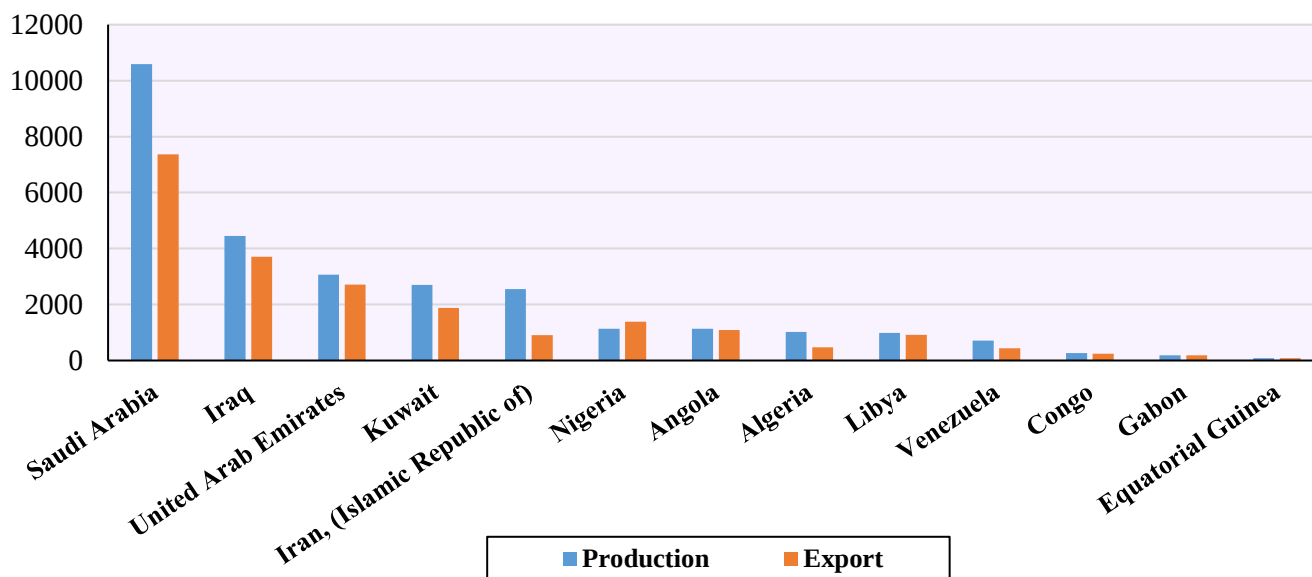
24.9. CRUDE OIL EXPORTS ⁽¹⁾ BY OPEC MEMBERS**(1000 barrels per day)**

Country	2005	2010	2015	2018	2019	2020	2021	2022
Total	23316	22806	25018	24274	22478	19701	19656	21389
Angola	947	1711	1670	1421	1319	1220	1080	1085
Ecuador ⁽²⁾	380	340	415	367	398	×	×	×
Algeria	970	709	668	571	584	439	446	477
United Arab Emirates	2195	2104	2408	2296	2414	2418	2305	2717
Iran, (Islamic Republic of)	2395	2248	1922	1850	651	404	763	901
Congo	1472	1890	3804	3862	3968	3428	3440	3712
Kuwait	7209	6644	7463	7372	7038	6659	6227	7364
Gabon	0	0	254	307	309	282	251	243
Equatorial Guinea	1651	1430	2128	2050	1986	1826	1740	1879
Iraq	-	-	205	174	207	196	181	185
Saudi Arabia	0	0	158	121	110	115	93	81
Libya	1306	1118	350	999	1036	347	1091	920
Nigeria	2326	2464	1738	1979	2008	1879	1592	1388
Venezuela	1788	1562	1835	1273	847	487	448	438

1. Data may include lease condensates and volumes of oil in transit.

2. Ecuador has left the OPEC since 1st January, 2020.

Source: OPEC.

24.3. PRODUCTION AND EXPORT OF CRUDE OIL BY OPEC MEMBERS, 2022**1000 barrels per day**

For data see Tables 24.8 & 24.9.

24.10. EXPORTS OF Oil PRODUCTS⁽¹⁾ BY OPEC MEMBERS (1000 barrels per day)

Country	2005	2010	2015	2018	2019	2020	2021	2022
Total.....	4307	3962	3869	4673	3885	3483	4034	4459
Angola.....	14	31	37	18	17	16	29	22
Ecuador ⁽²⁾	20	28	16	42	39	×	×	×
Algeria.....	452	315	605	532	506	503	493	509
United Arab Emirates.....	509	337	415	916	882	840	891	903
Iran, (Islamic Republic of)	402	368	514	272	285	281	333	383
Congo.....	14	5	14	46	107	151	158	172
Kuwait.....	1385	951	1155	1971	1300	1017	1344	1468
Gabon.....	0	0	6	6	6	4	4	5
Equatorial Guinea	614	773	739	630	637	527	604	711
Iraq	-	-	11	9	8	9	10	10
Saudi Arabia.....	0	0	×	0	0	0	0	0
Libya	163	50	22	25	21	66	89	99
Nigeria.....	49	23	18	21	20	0	11	0
Venezuela.....	609	760	318	226	97	70	67	176

1. Data may include re-exports and volumes of oil in transit.

2. Ecuador has left the OPEC since 2016.

Source: OPEC.

24.11. OIL DEMAND BY MAIN PETROLEUM PRODUCT IN OPEC MEMBERS (1000 barrels per day)

Country	2005	2010	2015	2018 ⁽¹⁾	2019 ⁽¹⁾	2020 ⁽¹⁾	2021 ⁽¹⁾	2022
Total.....	5164	8097	9107	8692	8769	7878	8274	8842
Angola.....	53	95	142	171	175	146	144	152
Ecuador ⁽¹⁾	153	242	259	260	270	×	×	×
Algeria.....	246	344	419	431	430	383	418	431
United Arab Emirates.....	204	591	778	885	899	828	916	958
Iran, (Islamic Republic of)	1479	1820	1795	1854	1838	1692	1777	1793
Congo.....	537	694	686	704	716	550	621	828
Kuwait.....	1175	2600	3319	3105	3139	2927	2966	3172
Gabon.....	0	0	8	8	9	7	7	8
Equatorial Guinea	249	358	383	417	460	461	462	469
Iraq	-	-	36	47	48	42	45	45
Saudi Arabia.....	0	0	8	5	5	5	5	5
Libya	230	301	211	215	214	183	186	192
Nigeria.....	258	271	408	446	470	466	495	518
Venezuela.....	521	675	658	403	367	188	232	272

1. Revised figures.

2. Ecuador has left the OPEC since 1st January, 2020.

Source: OPEC.

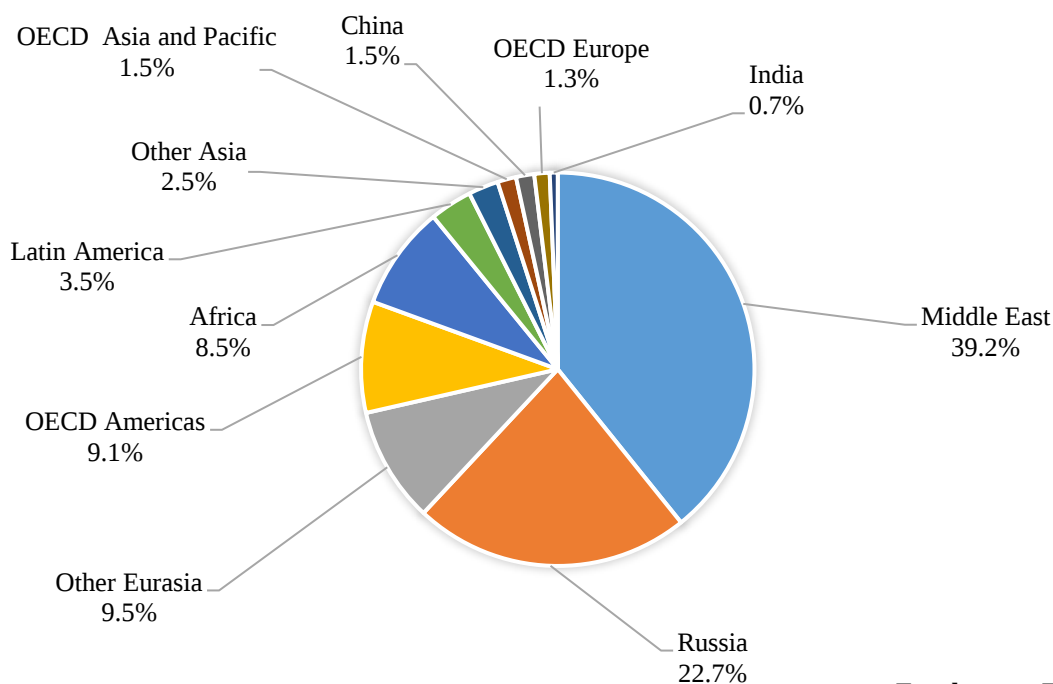
24.12. WORLD PROVEN NATURAL GAS RESERVES BY REGION AND COUNTRY⁽¹⁾ (bln cu m)

Region and country	2018 ⁽²⁾	2019 ⁽²⁾	2020 ⁽²⁾	2021 ⁽²⁾	2022
Total World.....	205569	207252	205345	205157	210063
OECD Americas	15808	15913	15933	15388	19182
OECD Europe	2987	2858	2697	2634	2644
OECD Asia and Pacific....	3772	3475	3335	3225	3225
China	2779	2834	2922	2893	3142
India	1340	1381	1372	1373	1374
Other Asia	5926	5569	5375	5292	5182
Latin America	7392	7391	7235	7249	7302
Middle East	78485	80742	80781	81322	82338
Africa	17969	17998	17945	18035	17928
Russia.....	49571	49084	47759	47759	47759
Other Eurasia.....	19437	19910	19899	19899	19899
Other Europe	103	97	92	88	88
Total world of which:					
OPEC	71288	73626	73651	74242	75121
OPEC percentage	34.7	35.5	35.9	36.2	35.8
OECD.....	22567	22246	21965	21247	25051

1. Figures as at year-end.

2. Revised figures.

Source: OPEC.

24.4. WORLD PROVEN NATURAL GAS RESERVES BY REGION AND COUNTRY, 2022

For data see Table 24.12.

24.13. WORLD MARKETED PRODUCTION OF NATURAL GAS BY REGION AND COUNTRY**(mln cu m)**

Region and country	2018 ⁽¹⁾	2019 ⁽¹⁾	2020 ⁽¹⁾	2021 ⁽¹⁾	2022
Total World.....	3942040	4086041	3990942	4172150	4167163
OECD Americas	1098499	1179810	1160710	1194846	1245787
OECD Europe	234419	218708	202087	193849	204651
OECD Asia and Pacific....	148482	169408	174308	180392	187265
China	154800	169970	185900	201100	213470
India	31700	31160	27700	32300	33304
Other Asia	293540	290910	268800	269980	270621
Latin America	170646	169099	152256	154145	159330
Middle East	653102	673563	707602	723229	736470
Africa	259011	268085	253110	282775	267858
Russia.....	680430	692680	651400	719200	630759
Other Eurasia.....	205711	211308	196839	210343	207915
Other Europe.....	11700	11340	10230	9991	9733
Total world of which:					
OPEC	634468	642667	636218	672718	671936
OPEC percentage	16.1	15.7	15.9	16.1	16.1
OECD.....	1481400	1567926	1537105	1569087	1637703

1. Revised figures

Source: OPEC.

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

Country	2005	2010	2015	2018	2019	2020	2021	2022
Total.....	429369	620819	594532	634468	642667	636218	672718	671938
Angola.....	650	733	772	9614	10546	11313	8820	5505
Ecuador ⁽²⁾	260	330	497	349	310	×	×	×
Algeria.....	89235	84615	83041	95898	90302	85119	105043	100513
United Arab Emirates.....	47790	51282	60181	47624	55097	55064	54485	55574
Iran, (Islamic Republic of) ..	103500	187357	226673	233060	241730	249630	257119	262261
Congo	1450	1303	7685	11130	11544	7374	9586	9778
Kuwait.....	71240	87660	104450	118000	117000	119000	120485	122895
Gabon.....	0	0	928	867	580	405	415	423
Equatorial Guinea	12300	11733	16909	17738	13952	12883	12728	13883
Iraq	-	-	550	530	464	502	454	463
Saudi Arabia.....	0	0	6200	7751	6235	6023	7047	8105
Libya	11300	16814	15493	23220	26830	20930	24244	23807
Nigeria.....	22400	28099	45148	44251	47828	49947	48572	44307
Venezuela.....	23444	19728	26004	24785	20559	18026	23720	24421

1. Ecuador has left the OPEC since 1st January, 2020.

Source: OPEC

