

23

International Statistics



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Introduction

This chapter is to provide proper ground for a socio-economic comparison between Iran and other countries. Sources of the presented statistics are the United Nations statistical yearbooks on such fields as population, agriculture, manufacturing, energy, economy, communications, tourism and 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 2013 and the period of 2020 to 2050. Table 2 shows information about the population, Population density, population aged under 15 and the 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 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 are included in East Europe, Europe and Latin America, respectively.
 3. Gabon and Indonesia have left OPEC in 1995 and 2008 respectively.
 4. Since 2007, Angola and Ecuador joined OPEC.
 5. Since 2010, the components used for calculating Human Development Index (HDI) has changed based on international recommendation according to the Table 23.4.
 6. It should be mentioned that changes in the figures of the indicator is due to revision made in the new HDR publication.
- It should be cited that based on the classifications used by UN, countries are classified into the following different groups in terms of HDI included in the latest UN HDR publication.
- A. Countries with HDI 0.80 to 1 are considered as countries with higher HDI
 - B. Countries with HDI 0.71 to 0.79 are regarded as countries with high HDI
 - C. Countries with HDI 0.55 to 0.69 are considered as countries with average HDI
 - D. Countries with HDI less than 0.54 are considered as countries with low HDI.

It is necessary to mention that this classification differs in the UN publications in the various years.

Definitions and concepts

Birth and death rate:

Crude birth rate indicates the annual number of births and deaths per 1,000 total population. These rates are usually referred as “crude rates” since they do not take a population’s age structure into accounts. Thus, crude death rates in more developed countries with a relatively large portion of high-mortality 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 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 at reservoir conditions.

Gross product: the total flow of natural gas from oil and gas reservoirs of associated-dissolved 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 themselves, 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 2050 will be 9556 million people. Asia and Africa with 5164 and 2393 million people will be highly populated areas.

In 2013, a number of 187 world's countries were ranked according to the Human Development Index, among of which 49 countries were ranked with high human development in the world. Countries such as Norway, Australia, Switzerland, Netherlands,

USA, Germany, New Zealand, Canada, Singapore, and Denmark ranked from 1 to 10, respectively.

In the years 2011, 2012, and 2013, Iran's HDIs were 0.733, 0.749, and 0.749 respectively. Iran ranked 75th among the world countries in 2013 whereas its rank was 76th in 2012.

In 2013, Iranian life expectancy at birth was 74 years.

According to statistics issued by OPEC, Iranian crude oil production in 2013 was 3575 thousand barrels per day. Iran ranks the second among 12 OPEC member countries. Saudi Arabia with 9637 thousand barrels is ranked the first among the world's oil producing countries.

According to the cited statistics, Iran ranks the eighth among OPEC oil exporting countries in 2013. Besides, supplying 199 billion cubic metres of natural gas to consumption market, Iran is the largest gas supplier in OPEC.

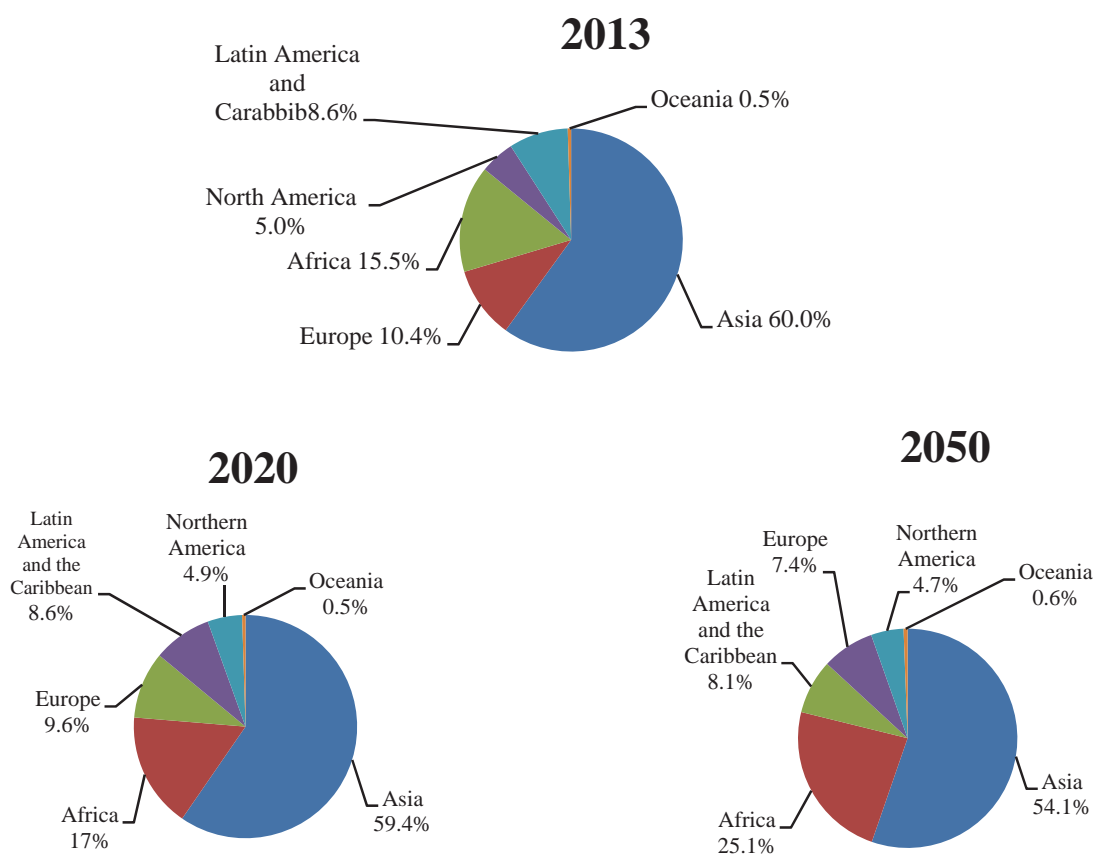
23. 1. POPULATION OF THE WORLD BY AREA**(mln persons)**

Area	2013 ⁽¹⁾	2020 ⁽²⁾	2030 ⁽²⁾	2040 ⁽²⁾	2050 ⁽²⁾
World	7162	7717	8425	9039	9551
Asia	4299	4582	4887	5080	5164
Africa	1111	1312	1634	1999	2393
Europe	742	744	736	724	709
Latin America and the Caribbean	617	662	717	757	782
Northern America .	335	376	403	426	446
Oceania	38	42	47	52	57

1. The mid-year population is the year 2013.

2. Revised figures.

Source: United Nations.

23.1. POPULATION OF THE WORLD BY AREA

For data see Table 23.1

23. 2. SOME POPULATION INDICATORS BY COUNTRIES

Country	Mid-year 2013				
	Population (Thousand)	Population under 15 (percent)	Population over 60 (percent)	Population density (population per sq km)	Percentage of urbanization
<i>Asia</i>					
Azerbaijan, Republic ⁽¹⁾	9413	22	9	109	94
Jordan	7274	34	5	81	83
Armenia.....	2977	20	14	100	64
Uzbekistan.....	28934	57	7	65	36
Afghanistan	30552	47	4	47	24
United Arab Emirates.....	9346	15	1	112	85
Indonesia	249866	35	8	131	52
I.R. Iran	77447	24	8	47	69
Bahrain.....	1332	21	4	1920	89
Babgladesh.....	156595	30	7	1087	29
Pakistan	182143	34	6	229	37
Tajikistan.....	8208	36	5	57	27
Thailand	67011	18	15	131	35
Turkmenistan	5240	28	6	11	49
Turkey	74933	26	11	96	73
China ⁽²⁾	1385567	18	14	144	53
Japan	127144	13	32	336	93
Singapore	5412	16	16	7923	100
Syria	21898	40	5	719	75
Iraq	33765	40	5	77	66
Saudi Arabia.....	28829	29	5	13	83
Oman	3632	23	4	12	74
Palestine ⁽³⁾	4326	40	5	719	75
Philippine	98394	34	6	328	49
Kyrgyzstan	5548	30	6	28	35
Kazakhstan.....	16441	26	10	6	53
Qatar	2169	23	4	197	99
Republic of Korea	49263	15	17	495	84
Kuwait	3369	25	4	189	98
Georgia	4341	18	20	62	53
Lebanon.....	4822	21	12	464	87
Malaysia ⁽⁴⁾	29717	26	8	90	74
India	1252140	29	8	381	32
Yemen.....	24407	40	5	46	33
<i>Africa</i>					
South Africa	52776	29	9	43	63
Algeria.....	39208	28	7	16	75
Burkina Faso	16935	46	4	62	28
Tunisia	10997	23	11	67	67
Zimbabwe	14150	39	6	36	40
Sudan	37964	41	5	15	33
Cameroon	22254	43	5	47	53
Dem.Republic of the Congo.....	67514	45	5	29	35
Libyan Arab Jamahiriya	6202	29	7	4	78

23. 2. SOME POPULATION INDICES BY COUNTRIES (continued)

Country	Mid-year 2013				
	Population (Thousand)	Population under 15 (percent)	Population over 60 (percent)	Population density (population per sq km)	Percentage of urbanization
Morocco	33008	28	8	74	58
Egypt	82056	31	9	82	44
Nigeria.....	173615	44	4	188	51
South America					
Argentina	41446	24	15	15	93
Brazil	200362	24	11	24	85
Peru	30376	29	9	24	78
Chile	17620	21	14	23	90
Venezuela.....	30405	29	9	33	94
North America					
USA	320051	20	20	33	83
Canada.....	35182	16	21	4	81
Cuba	11266	16	18	102	75
Mexico	122332	28	9	62	79
Europe					
Germany	82727	13	27	232	74
Austria	8495	14	24	101	68
Spain ⁽⁵⁾	46927	15	23	93	78
Ukraine	45239	14	21	75	69
Italy	60990	14	27	202	69
Ireland	4627	22	17	66	63
Belgium.....	11104	17	24	364	98
Bulgaria	7223	14	26	65	74
Bosnia and Herzegovina	3829	16	21	75	49
UK	63136	18	23	260	80
Portugal	10608	15	25	115	62
Denmark	5619	18	24	130	87
Romania.....	21699	15	21	91	53
Sweden.....	9571	17	25	21	86
Switzerland.....	8078	15	23	196	74
Russian Federation.....	142834	16	19	8	74
France.....	64291	18	24	117	87
Finland ⁽⁶⁾	5426	16	26	16	84
Poland	38217	15	21	118	61
Mungary.....	9955	15	24	107	70
Norway ⁽⁷⁾	5043	19	22	13	80
Netherland.....	16759	17	23	404	84
Greece	11128	15	26	84	62

23. 2. SOME POPULATION INDICATORS BY COUNTRIES (continued)

Country	Mid-year 2013				
	Population (Thousand)	Population under 15 (percent)	Population over 60 (percent)	Population density (population per sq km)	Percentage of urbanization
<i>Oceania</i>					
Australia ⁽⁸⁾	23343	19	20	3	89
New Zeland	4506	20	19	17	86

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 East Jerusalem

4. Including Sabah and Sarawak.

5. Including Canary Islands, Ceuta and Melilla.

6. Including Aland Islands.

7. Including Svalbard and Jan Mayen Islands.

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

Source: United Nations.

23. 3. CRUDE LIVE BIRTH, DEATH RATES AND INFANT MORTALITY RATES BY SELECTED COUNTRIES, 2013

Country	Crude birth rate	Crude death rate	Infant mortality rate (per 1000 live births) ⁽¹⁾
<i>Asia</i>			
Azerbaijan, Republic	18	6	11
Jordan	28	4	17
Armenia	14	9	10
Uzbekistan	22	5	44
Afghanistan	35	8	74
United Arab Emirates	15	1	6
Indonesia	20	6	32
Iran (Islamic Republic of)	19	5	16
Bahrain	15	2	8
Bangladesh	20	6	33
Pakistan	28	8	74
Tajikistan	34	7	57
Thailand	12	8	11
Turkmenistan	22	8	47
Turkey	16	5	10
China	12	7	15
Japan	8	10	1.9
Singapore	9	5	2
Syrian Arab Rep.	24	4	17
Iraq	31	5	29
Saudi Arabia	22	4	16
Oman	20	2	9
Occupied Palestine	31	4	20
Philippines	24	6	23
Kyrgyzstan	28	7	27
Kazakhstan	23	8	28
Qatar	11	1	7
Korea, Rep. of	9	5	2.9
Kuwait	18	2	8
Georgia	13	11	11
Lebanon	13	4	9
Malaysia	17	5	7
India	22	7	44
Yemen	36	8	68
<i>Africa</i>			
South Africa	20	11	65
Algeria	25	6	26
Burkina Faso	43	11	70
Tunisia	19	6	37
Zimbabwe	33	9	37
Sudan	34	8	55
Cameroon	39	12	62

23. 3. CRUDE LIVE BIRTH, DEATH RATES AND INFANT MORTALITY RATES BY SELECTED COUNTRIES, 2013 (continued)

Country	Crude birth rate	Crude death rate	Infant mortality rate ⁽¹⁾ (per 1000 live births)
Congo, D. Rep. of	46	16	109
Libyan Arab Jamahiriya	21	4	14
Morocco	22	6	29
Egypt.....	32	6	29
Nigeria.....	39	13	69
South America			
Argentina	19	7	11.7
Brazil	15	6	20
Peru	20	5	16
Chile.....	14	6	7.7
Venezuela	20	5	14.4
North America			
USA.....	13	8	5.4
Canada	11	7	4.8
Cuba	11	8	4.6
Mexico	19	6	13
Europe			
Germany	8	11	3.3
Austria.....	9	9	3.1
Spain	9	8	3.1
Ukraine	11	15	7
Italy	9	10	3.2
Ireland.....	15	7	3.3
Belgium	11	10	3.8
Bulgaria	9	14	7.3
Bosnia-Herzegovina	8	9	5
U.K.....	12	9	3.9
Portugal	8	10	3
Denmark	10	9	3
Romania	10	12	8.5
Sweden	12	9	2.3
Switzerland	10	8	3.6
Russian Federation	13	13	10.3
France	12	9	3.6
Finland	11	9	1.8
Poland	10	10	4.6
Hungary	9	13	5.1
Norway.....	12	8	2.5
Netherlands	10	8	3.8
Greece.....	9	11	2.9
Oceania			
Australia	13	6	29
New Zealand	13	7	4.4

1. Death rates shown with decimals indicate national statistics reported as completely registered, while those without are estimates from the sources cited on reverse.

Source: Population Reference Bureau

23. 4. HUMAN DEVELOPMENT INDEX IN SELECTED COUNTRIES

Country	Life expectancy at birth 2013	Mean years of schooling 2012	Expected years of schooling 2012	Gross National Income (GNI) per capita (constant 2011 PPP\$) 2013
<i>Asia</i>				
Azerbaijan, Republic.....	70.8	11.2	11.8	15725
Jordan	73.9	9.9	13.3	11337
Armenia.....	74.6	10.8	12.3	7952
Uzbekistan.....	68.2	10	11.5	5227
Afghanistan	60.9	3.2	9.3	1904
United Arab Emirates	76.8	9.1	13.3	58068
Indonesia	70.8	7.5	12.7	8970
Iran (Islamic Republic of)	74	7.8	15.2	13451
Bahrain	76.6	9.4	14.4	32072
Bangladesh.....	70.7	5.1	10	2713
Pakistan	66.6	4.7	7.7	4652
Tajikistan	67.2	9.9	11.2	2424
Thailand	74.4	7.3	13.1	13364
Turkmenistan	65.5	9.9	12.6	11533
Turkey	75.3	7.6	14.4	18391
China.....	75.3	7.5	12.9	11477
Japan	83.6	11.5	15.3	36747
Singapore	82.3	10.2	15.4	72371
Syrian Arab Republic.....	74.6	6.6	12	5771
Iraq.....	69.4	5.6	10.1	14007
Saudi Arabia	75.5	8.7	15.6	52109
Oman	76.6	6.8	13.6	42191
Occupied Palestine	73.2	8.9	13.2	5168
Philippines	68.7	8.9	11.3	6381
Kyrgyzstan	67.5	9.3	12.5	3021
Kazakhstan	66.5	10.4	15	19441
Qatar	78.4	9.1	13.8	119029
Korea (Republic of)	81.5	11.8	17	30345
Kuwait.....	74.3	7.2	14.6	85820
Georgia.....	74.3	12.1	13.2	6890
Lebanon.....	80	7.9	13.2	16263
Malaysia.....	75	9.5	12.7	21824
India	66.4	4.4	11.7	5150
Yemen	63.1	2.5	9.2	3945
<i>Africa</i>				
South Africa	56.9	9.9	13.1	11788
Algeria.....	71	7.6	14	12555
Burkina Faso	56.3	1.3	7.5	1602
Tunisia	75.9	6.5	14.6	10440

23. 4. HUMAN DEVELOPMENT INDEX IN SELECTED COUNTRIES (continued)

Country	Life expectancy at birth 2013	Mean years of schooling 2012	Expected years of schooling 2012	Gross National Income (GNI) per capita (constant 2011 PPP\$) 2013
Zimbabwe	59.9	7.2	9.3	1307
Sudan	62.1	3.1	7.3	3428
Cameroon	55.1	5.9	10.4	2557
Congo, D. Rep. of	50	3.1	9.7	444
Libyan Arab Jamahiriya	75.3	7.5	16.1	21666
Morocco	70.9	4.4	11.6	6905
Egypt.....	71.2	6.4	13	10400
Nigeria.....	52.5	5.2	9	5353
<i>South America</i>				
Argentina	76.3	9.8	16.4	17297
Brazil	73.9	7.2	15.2	14275
Peru	74.8	9	13.1	11280
Chile.....	80	9.8	15.1	20804
Venezuela	74.6	8.6	14.2	17067
<i>North America</i>				
USA.....	78.9	12.9	16.5	52308
Canada	81.5	12.3	15.9	41887
Cuba	79.3	10.2	14.5	19844
Mexico	77.5	8.5	12.8	15854
<i>Europe</i>				
Germany	80.7	12.9	16.3	43049
Austria.....	81.1	10.8	15.6	42930
Spain	82.1	9.6	17.1	30561
Ukraine	68.5	11.3	15.1	8215
Italy	82.4	10.1	16.3	32669
Ireland.....	80.7	11.6	18.6	33414
Belgium	80.5	10.9	16.2	39471
Bulgaria	73.5	10.6	14.3	15402
Bosnia-Herzegovina	76.4	8.3	13.6	9431
U.K.....	80.5	12.3	16.2	35002
Portugal	79.9	8.2	16.3	24130
Denmark	79.4	12.1	16.9	42880
Romania	73.8	10.7	14.1	17433
Sweden	81.8	11.7	15.8	43201
Switzerland	82.6	12.2	15.7	53762
Russian Federation	68	11.7	14	22.617
France	81.8	11.1	16	36629
Finland	80.5	10.3	17	37366
Poland	76.4	11.8	15.5	21487
Hungary	74.6	11.3	15.4	21239
Norway.....	81.5	12.6	17.6	63909
Netherlands	81	11.9	17.9	42397
Greece.....	80.8	10.2	16.5	24658
<i>Oceania</i>				
Australia	82.5	12.8	19.9	41524
New Zealand	81.1	12.5	19.4	32569

23. 4. HUMAN DEVELOPMENT INDEX IN SELECTED COUNTRIES (continued)

Country	Human development index				Human development index rank
	2010	2011	2012	2013	2013
<i>Asia</i>					
Azerbaijan, Republic.....	0.743	0.743	0.745	0.747	76
Jordan	0.744	0.744	0.744	0.745	77
Armenia.....	0.72	0.724	0.728	0.73	87
Uzbekistan.....	0.648	0.653	0.657	0.661	116
Afghanistan	0.453	0.458	0.466	0.468	169
United Arab Emirates	0.824	0.824	0.825	0.827	40
Indonesia	0.671	0.678	0.681	0.684	108
Iran (Islamic Republic of)	0.725	0.733	0.749	0.749	75
Bahrain	0.812	0.812	0.813	0.815	44
Bangladesh.....	0.539	0.549	0.554	0.558	142
Pakistan.....	0.526	0.531	0.535	0.537	146
Tajikistan	0.596	0.6	0.603	0.607	133
Thailand	0.715	0.716	0.72	0.722	89
Turkmenistan	0.687	0.69	0.693	0.698	103
Turkey	0.738	0.752	0.756	0.759	69
China.....	0.701	0.71	0.715	0.719	91
Japan	0.884	0.887	0.888	0.89	17
Singapore	0.894	0.896	0.899	0.901	9
Syrian Arab Republic.....	0.662	0.622	0.662	0.658	118
Iraq.....	0.638	0.639	0.641	0.642	120
Saudi Arabia	0.815	0.825	0.833	0.836	34
Oman	0.78	0.781	0.781	0.783	56
Occupied Palestine	0.671	0.679	0.683	0.686	107
Philippines	0.651	0.652	0.656	0.66	117
Kyrgyzstan	0.614	0.618	0.621	0.628	125
Kazakhstan	0.747	0.75	0.755	0.757	70
Qatar	0.844	0.846	0.85	0.851	31
Korea (Republic of)	0.882	0.886	0.888	0.891	15
Kuwait.....	0.807	0.81	0.813	0.814	46
Georgia.....	0.733	0.736	0.741	0.744	79
Lebanon.....	0.759	0.764	0.764	0.765	65
Malaysia.....	0.766	0.768	0.77	0.773	62
India	0.57	0.581	0.583	0.586	135
Yemen.....	0.484	0.497	0.499	0.5	154
<i>Africa</i>					
South Africa	0.638	0.646	0.654	0.658	118
Algeria.....	0.709	0.715	0.715	0.717	93
Burkina Faso	0.367	0.376	0.385	0.388	181
Tunisia	0.715	0.716	0.719	0.721	90

23. 4. HUMAN DEVELOPMENT INDEX(continued)

Country	Human development index				Human development index rank 2013
	2010	2011	2012	2013	
Zimbabwe	0.459	0.473	0.484	0.492	156
Sudan	0.463	0.468	0.472	0.473	166
Cameroon	0.493	0.498	0.501	0.504	152
Congo, D. Rep. of	0.319	0.323	0.333	0.338	186
Libyan Arab Jamahiriya	0.799	0.753	0.789	0.784	55
Morocco	0.603	0.612	0.614	0.617	129
Egypt.....	0.678	0.679	0.681	0.682	110
Nigeria.....	0.492	0.496	0.5	0.504	152
<i>South America</i>					
Argentina	0.799	0.804	0.806	0.808	49
Brazil	0.739	0.74	0.742	0.744	79
Peru	0.722	0.727	0.734	0.737	82
Chile.....	0.808	0.815	0.819	0.822	41
Venezuela	0.759	0.761	0.763	0.764	67
<i>North America</i>					
USA.....	0.908	0.911	0.912	0.914	5
Canada	0.9	0.901	0.901	0.902	8
Cuba	0.824	0.819	0.813	0.815	44
Mexico	0.748	0.752	0.755	0.756	71
<i>Europe</i>					
Germany	0.904	0.908	0.911	0.911	6
Austria.....	0.877	0.879	0.88	0.881	21
Spain	0.864	0.868	0.869	0.869	27
Ukraine	0.726	0.73	0.733	0.734	83
Italy	0.869	0.872	0.872	0.872	26
Ireland.....	0.899	0.9	0.901	0.899	11
Belgium	0.877	0.88	0.88	0.881	21
Bulgaria	0.773	0.774	0.776	0.777	58
Bosnia-Herzegovina	0.726	0.729	0.729	0.731	86
U.K.....	0.895	0.891	0.89	0.892	14
Portugal	0.816	0.819	0.822	0.822	41
Denmark	0.898	0.899	0.9	0.9	10
Romania	0.779	0.782	0.782	0.785	54
Sweden	0.895	0.896	0.897	0.898	12
Switzerland	0.915	0.914	0.916	0.917	3
Russian Federation	0.773	0.775	0.777	0.778	57
France	0.879	0.882	0.884	0.884	20
Finland	0.877	0.879	0.879	0.879	24
Poland	0.826	0.83	0.833	0.834	35
Hungary	0.817	0.817	0.817	0.818	43
Norway.....	0.939	0.941	0.943	0.944	1
Netherlands	0.904	0.914	0.915	0.915	4
Greece.....	0.858	0.861	0.854	0.853	29
<i>Oceania</i>					
Australia	0.926	0.928	0.931	0.933	2
New Zealand	0.903	0.904	0.908	0.91	7

Source: United Nations.

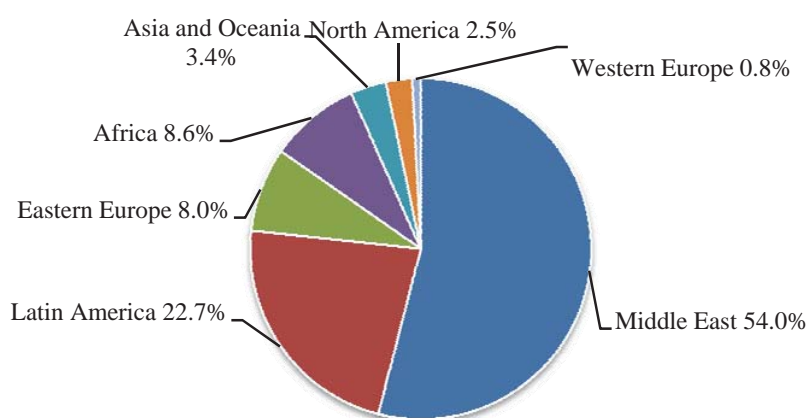
23.5. WORLD PROVEN CRUDE OIL RESERVES⁽¹⁾ BY REGION**(mln barrels)**

Region	1990	1995	2000	2009	2010	2011	2012	2013
World	993278	1018867	1086648	⁽²⁾ 1323490	⁽²⁾ 1457193	⁽²⁾ 1470814	⁽²⁾ 1483793	1489856
Asia and Pacific	35943	37966	42681	⁽²⁾ 47798	⁽²⁾ 49218	⁽²⁾ 49666	⁽²⁾ 50438	50208
Africa	58599	71515	93307	⁽²⁾ 123648	⁽²⁾ 125623	⁽²⁾ 126474	⁽²⁾ 128371	128149
North America	31839	27245	26901	⁽²⁾ 23446	⁽²⁾ 24884	⁽²⁾ 33085	⁽²⁾ 37893	37893
Latin America	122746	132473	122233	⁽²⁾ 246645	⁽²⁾ 332477	⁽²⁾ 335698	⁽²⁾ 336819	338289
Eastern Europe	67198	65020	89268	116556	117310	117314	119881	119877
Western Europe	16934	21268	19280	13318	⁽²⁾ 13416	11722	11559	12267
Middle East	660019	663380	692979	752079	794265	796855	798832	803182

1. Figures refer to the end of the year. For some countries liquids were included.

2. Revised figures.

Source: OPEC.

23.2. WORLD PROVEN CRUDE OIL RESERVES BY REGION:2013

For data see Table 23.5

23.6. WORLD CRUDE OIL PRODUCTION BY REGION**(1000 barrels per day)**

Region	1990	1995	2000	2009 ⁽¹⁾	2010 ⁽¹⁾	2011 ⁽¹⁾	2012 ⁽¹⁾	2013
World	59107	60444	65857	68942	69865	70431	72766	72842
Asia and Pacific	6270	6829	7253	7352	7655	7475	7475	7386
Africa	5967	6249	6746	8465	8677	7438	8196	7640
North America	8562	7940	7213	6571	6698	6913	7793	8822
Latin America	6872	7721	9317	9470	9630	9790	9683	9680
Eastern Europe	11275	7053	7631	12396	12647	12613	12625	12757
Western Europe	4085	5796	6288	3820	3530	3196	2888	2722
Middle East	16077	18856	21410	20869	21031	23005	24107	23107

1. Revised figures.

Source: OPEC.

23.7. WORLD CRUDE OIL EXPORTS⁽¹⁾ BY REGION**(1000 barrels per day)**

Region	1990	1995	2000	2009 ⁽²⁾	2010 ⁽²⁾	2011 ⁽²⁾	2012 ⁽²⁾	2013
World	27135	32251	38800	40200	41032	40444	41107	39830
Asia and Pacific	2099	2250	2230	1676	1558	1345	1345	1235
Africa	4348	4597	5209	7105	7210	6056	6591	5851
North America	763	1153	1231	1530	1484	1723	1807	2137
Latin America	3149	4248	4906	4326	4615	4445	4443	4412
Eastern Europe	2133	1889	4145	7204	7291	6822	6651	6584
Western Europe	2565	4250	4991	2762	2550	2179	2038	1958
Middle East	12078	13864	16088	15596	16326	17874	18233	17652

1. Including export of natural gas liquids, re-exports, changes in oil being transported, not shown transportation, and unknown use.

2. Revised figures.

Source: OPEC.

23.8. CRUDE OIL PRODUCTION IN OPEC MEMBER COUNTRIES (1000 barrels per day)

Country	1990	1995	2000	2009	2010	2011	2012	2013
Total	⁽¹⁾ 22783	⁽¹⁾ 25590	⁽¹⁾ 28894	28927	29249	30121	⁽²⁾ 32425	31604
Angola.....	474	607	736	1739	1758	1618	1704	1701
Ecuador	286	381	392	465	476	500	504	526
Algeria	784	753	796	1216	1190	1162	1200	1203
United Arab Emirates	1763	2148	2175	2242	2324	2564	2653	2797
Iran, (Islamic Rep. of)	3135	3595	3661	3557	3544	3576	3740	3575
Iraq	2113	737	2810	2336	2358	2653	2942	2977
Saudi Arabia ⁽³⁾	6413	8023	8095	8184	8166	9311	9763	9637
Qatar	406	390	648	733	733	734	734	724
Kuwait ⁽²⁾	859	2007	1996	2262	2312	2659	2978	2925
Libyan Arab Jamahiriya	1389	1399	1347	1474	1487	490	1450	993
Nigeria	1727	1843	2054	1842	2048	1975	1954	1754
Venezuela	2135	2379	2891	2878	2854	2881	2804	2790

1. Including the figures of Indonesia for the years 1990, 1995, 2000 (1299, 1328, 1273) respectively. It should be mentioned that Indonesia left OPEC in 2008

2. Revised figures.

3 Including share of production from Neutral Zone.

Source: O.P.E.C.

23.9. CRUDE OIL EXPORTS⁽¹⁾ BY OPEC MEMBER COUNTRIES (1000 barrels per day)

Country	1990	1995	2000	2009	2010	2011	2012	2013
Total	⁽²⁾ 16538	⁽²⁾ 18940	⁽²⁾ 21529	⁽³⁾ 22312	23112	⁽³⁾ 23581	⁽³⁾ 25068	24054
Angola.....	439	567	749	1770	1683	1543	1663	1669
Ecuador.....	180	271	252	329	340	⁽³⁾ 330	⁽³⁾ 356	388
Algeria	281	333	461	747	709	698	809	744
United Arab Emirates	1762	1925	1815	1953	2103	⁽³⁾ 2457	⁽³⁾ 2445	2701
Iran, (Islamic Rep. of)	2220	2621	2492	2406	2583	2537	2102	1215
Iraq	1596	64	2040	1906	1890	2166	2423	2390
Saudi Arabia	4500	6291	6253	6268	6644	7218	7557	7571
Qatar	348	333	618	647	586	588	588	599
Kuwait	645	1186	1231	1348	1430	1816	2070	2058
Libyan Arab Jamahiriya	1090	1120	1005	1170	1118	300	962	589
Nigeria	1550	1665	1986	2160	2464	2377	2368	2193
Venezuela	1242	1820	2004	1608	1562	1553	1725	1937

1. Including export of natural gas liquids, changes in oil being transported, not shown transportation, and unknown use.

2. Including the figures of Indonesia for the years 1990, 1995, 2000 (685, 744, and 623) respectively. It should be mentioned that Indonesia left OPEC in 2008.

3. Revised figures.

Source: OPEC

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

Country	1990	1995	2000	2009	2010	2011	2012	2013
Total	⁽²⁾ 3641	⁽²⁾ 4267	⁽²⁾ 4598	⁽³⁾ 3974	⁽³⁾ 3828	⁽³⁾ 4385	⁽³⁾ 4097	4457
Angola.....	9	14	17	41	8	26	26	33
Ecuador	31	36	44	34	28	29	28	20
Algeria	453	396	544	⁽³⁾ 232	314	492	⁽³⁾ 351	453
United Arab Emirates	165	269	392	⁽³⁾ 302	⁽³⁾ 376	⁽³⁾ 524	⁽³⁾ 524	792
Iran, (Islamic Rep. of)	60	166	347	301	371	441	456	394
Iraq	126	18	23	30	5	⁽³⁾ 1	⁽³⁾ 2	65
Saudi Arabia.....	1306	1322	1228	1008	951	902	862	794
Qatar	74	98	75	249	322	509	465	511
Kuwait.....	380	794	675	674	632	629	661	805
Libyan Arab Jamahiriya	150	133	237	136	48	21	40	76
Nigeria	30	39	47	12	23	24	8	23
Venezuela	617	688	780	956	751	786	675	491

1. Including changes in oil being transported, not shown transportation, and unknown use.

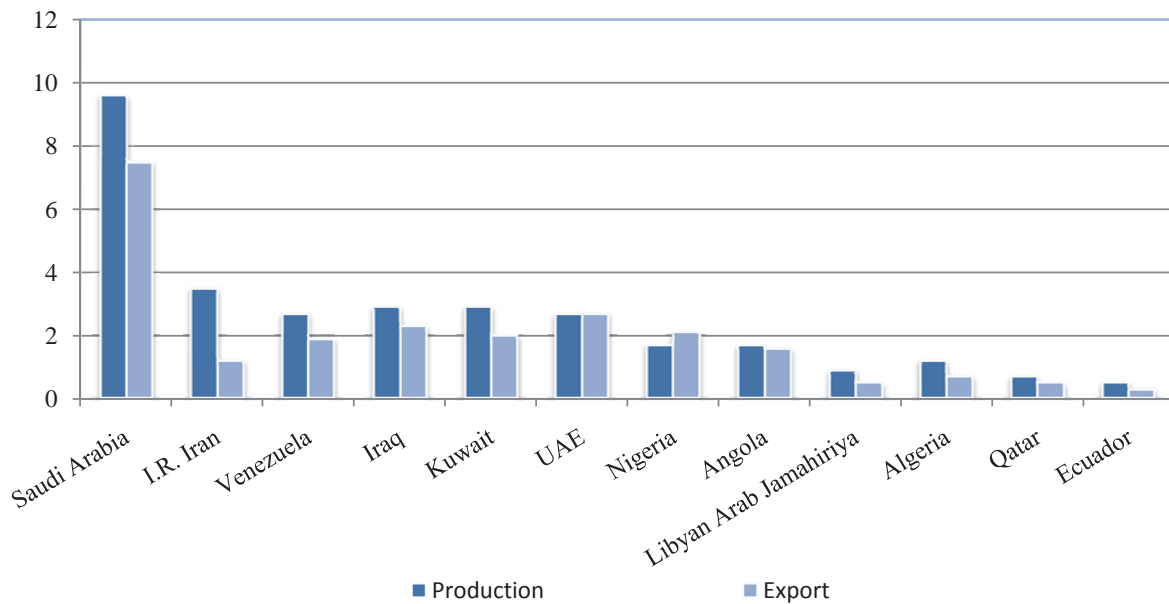
2. Including the figures of Indonesia for the years 1990, 1995, 2000 (240, 294, and 189) respectively. It should be mentioned that Indonesia left OPEC in 2008

3. Revised figures.

Source: O.P.E.C.

23.3. CRUDE OIL PRODUCTION AND EXPORTS BY OPEC MEMBER COUNTRIES, 2013

Million barrels per day



For data see Tables 23.8 and 23.9 .

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

Country	1990	1995	2000	2009	2010	2011	2012	2013
Total.....	(1)3821	(1)4433	(1)5118	(2)7702	(2)8097	(2)8341	(2)8678	9031
Angola.....	27	28	36	(2)87	(2)95	(2)105	(2)119	128
Ecuador	87	105	120	222	242	258	264	270
Algeria	187	173	188	315	344	330	351	377
United Arab Emirates	120	136	145	565	591	(2)617	638	655
Iran, (Islamic Rep. of)	1002	1141	1189	1859	1820	1784	1764 ⁽²⁾	1776
Iraq	338	404	452	663	694	752	803	835
Saudi Arabia.....	647	724	902	2362	2600	2727	2873	2994
Qatar	25	30	35	(2)102	(2)107	(2)123	(2)123	147
Kuwait.....	51	118	153	341	358	361	377	383
Libyan Arab Jamahiriya	143	196	202	273	301	231	(2)236	250
Nigeria	160	187	214	233	271	311	344	385
Venezuela	400	416	486	680	675	742	786	831

1. Including the figures of Indonesia for the years 1990, 1995, 2000 (634, 775, and 996), respectively. It should be mentioned that Indonesia left OPEC in 2008

2. Revised figures.

Source: O.P.E.C.

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

Region	1990	1995	2000	2009	2010	2011	2012	2013
World	129830	142667	159776	(1)189082	(1)193385	(1)196657	(1)201079	200363
Asia and Pacific	10928	11732	12469	16476	15827	(1)16526	(1)16757	16902
Africa	8524	9923	12463	14747	14462	14597	(1)14569	14498
North America	7521	6606	6708	(1)8655	(1)9700	(1)10524	(1)11483	10757
Latin America	7538	7932	7720	(1)8049	(1)8325	(1)7886	(1)7947	8032
Eastern Europe	51600	54418	53160	(1)60388	(1)61180	(1)62744	(1)65453	65505
Western Europe	5705	6421	7446	(1)5228	(1)5001	(1)4799	(1)4739	4604
Middle East	38014	45635	59811	(1)75540	(1)78890	(1)79581	(1)80131	80065

1. Revised figures

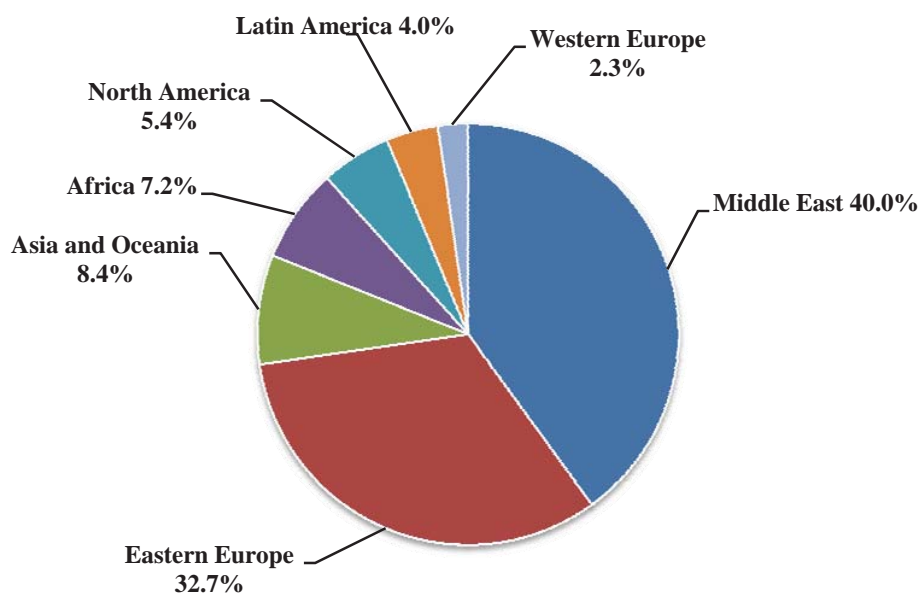
Source: O.P.E.C.

23.13. WORLD MARKETED PRODUCTION OF NATURAL GAS BY REGION**(mln cu m)**

Region	1990	1995	2000	2009	2010	2011	2012	2013
World	2031578	2165765	2447685	⁽¹⁾3016316	⁽¹⁾3295766	⁽¹⁾3337063	⁽¹⁾3429255	3480569
Asia and Pacific	151170	210470	273475	430201	477000	⁽¹⁾ 473312	⁽¹⁾ 480668	488320
Africa	70890	82296	125589	201522	210527	212448	226910	213304
North America ..	611194	685328	726434	741940	800612	809923	⁽¹⁾ 839521	844726
Latin America ...	85696	99630	131461	⁽¹⁾ 202968	⁽¹⁾ 211513	⁽¹⁾ 212202	⁽¹⁾ 216651	219085
Eastern Europe ..	803038	693533	699097	717270	786150	819227	⁽¹⁾ 808229	834887
Western Europe	203850	241800	282630	272200	282518	255325	⁽¹⁾ 267731	263182
Middle East	105740	152708	209000	450215	527446	554626	⁽¹⁾ 589545	617065

1. Revised figures.

Source: OPEC.

23.4. WORLD PROVEN NATURAL GAS RESERVES BY REGION:2013

For data see Table 23.12.

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

Country	1990	1995	2000	2009	2010	2011	2012	2013
Total.....	⁽¹⁾226296	⁽¹⁾294844	⁽¹⁾384415	544918	620819	646708	⁽²⁾700418	708796
Angola.....	540	560	570	690	733	752	760	925
Ecuador	100	120	140	296	330	241	517	515
Algeria	51600	55622	83119	81426	84615	82767	86454	79647
United Arab Emirates	22110	31320	38380	48840	51282	52308	⁽²⁾ 54300	54600
Iran, (Islamic Rep. of)	24200	38600	60240	175742	187357	188753	202431	199293
Iraq	3980	3170	3150	1149	1303	876	646	1179
Saudi Arabia.....	33520	42930	49810	78450	87660	92260	99330	100030
Qatar	6300	13500	24900	89300	131165	145271	157050	177602
Kuwait.....	4190	9278	9600	11489	11733	13533	15515	16311
Libyan Arab Jamahiriya ...	6200	6340	5880	15900	16814	7855	18118	18463
Nigeria	4010	4844	12460	23206	28099	41323	42571	38411
Venezuela	21966	25200	27801	18430	19728	20769	22726	21820

1. Including the figures for Indonesia for the years 1990, 1995, 2000 (47580, 6330, and 68365) respectively. It should be mentioned that Indonesia left OPEC in 2008

2. Revised figures.

Source: OPEC.

