

OAPEC
ORGANIZATION OF ARAB
PETROLEUM EXPORTING
COUNTRIES



Annual Statistical Report

2023



Annual Statistical Report

2023

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The Organization of Arab Petroleum Exporting Countries (OAPEC), 2023.

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Preface

As part of its efforts to provide reliable statistics and information about the oil and energy industry and other energy sources to researchers, workers and specialists in the field, the Secretariat General of the Organization of Arab Petroleum Exporting Countries (OAPEC) is pleased to launch its annual statistical report for the year 2023, which includes oil and energy indicators and statistics in the member countries and the rest of the world for the period (2018 - 2022).

For the purpose of providing credible and transparent energy data in light of its important role in formulating effective economic policies, the Secretariat, when preparing the report, relied primarily on: its own energy data collection form, which is completed by liaison officers of the member countries; data from country papers submitted to the Twelfth Arab Energy Conference, which was held during the period 11 - 12 December 2023, in Doha, State of Qatar; and data issued by national institutions and other secondary sources.

The report begins with a brief presentation of some of the main economic indicators, namely the population size, the size of the gross domestic product, the value of crude oil exports, the value of exports of goods and services, and energy indicators in the member countries. The first section of the report deals with data related to proven oil and gas reserves, developments in crude oil production and natural gas liquids production, in addition to the development of marketed natural gas production. The member countries' reserves of crude oil at the end of 2022 were estimated at approximately 717.4 billion barrels, a slight increase of 0.27% compared to 2021. The member countries' reserves in 2022 represent about 54.1% of the global reserves of 1326 billion barrels.

The natural gas reserves in member countries in 2022 also witnessed a slight increase compared to 2021, amounting to about 1.9%, to reach 55.69 trillion cubic meters, representing 26.2% of global reserves of 212.2 trillion cubic meters.

Regarding the production of crude oil and natural gas liquids, the production of the member countries in 2022 reached about 28.8 million b/d, an increase of 10.9% compared to 2021. With regard to crude oil production, the production of the member countries in 2022 reached approximately 24.01 million barrels per day, achieving an increase estimated at approximately 11.7% compared to 2021. The member countries' production of crude oil constitutes approximately 27.3% of global production, amounting to 88.03

million b/d. On the other hand, the production of marketed natural gas in the member countries reached about 579.5 billion cubic meters in 2022. The share of the member countries constituted approximately 14.3% of global production, without any change from the previous year. The second section of the report touched on oil and natural gas processing operations, as the design capacities of existing oil refineries in the member countries rose in 2022 to reach 9818.1 thousand barrels per day, achieving a growth rate estimated at about 2.8% compared to 2021. The member countries' production of petroleum products reached about 7983 thousand b/d, representing an increase of 6.7% compared to 2021.

The third section reviews indicators of consumption of energy sources, including the consumption of crude oil and petroleum products by product, and the consumption of natural gas and other energy sources. It is noteworthy that the total energy consumption in the member countries achieved a growth rate of 5.7% in 2022 compared to 2021. The total energy consumption in 2022 amounted to approximately 13.82 million barrels of oil equivalent per day, 6.195 million BOE/d of which are crude oil and petroleum products, and 7.45 million MB/d of which are natural gas.

The fourth section of the report deals with the available data on oil and natural gas trade in the member countries, including data on exports and imports of crude oil, petroleum products and natural gas.

The fifth section of the report reviews spot prices of oil crudes for the member countries, the prices of some international crudes, as well as the spot prices of OPEC's monthly and annual basket of crudes, in addition to the prices of petroleum products in the member countries in local currency and US dollars. In its sixth section, the report addresses oil and natural gas transportation operations in terms of the number of tankers, their tonnage, and the pipeline network available in OAPEC member countries.

By presenting this report, the Secretariat General hopes it can contribute to the benefit of those working in the field. The Secretariat would like to extend its sincere thanks to the officials in the member countries for their constant cooperation with regard to providing official information and data that have contributed to enriching and adding more transparency to the data contained in this report.

Secretary General
Jamal Essa Al Loughani
















**General and Energy indicators for
OAPEC member Countries 2022**

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General Indicators for OPEC member Countries, 2022

		Capital	Local Currency	Exchange Rate 2021	*Population 2022 (Thousand)	Date of Oil Discovery	Start of Oil Production	Value of Crude Oil Exports 2022 (Million \$)	*GDP, 2022 (Million \$)	*Exports of Goods and Services 2022 (Million \$)	*Imports of Goods and Services 2022 (Million \$)
People's Democratic Republic of Algeria		Algiers	Dinar = 100 Centime	\$ 1 = 135 Dinar	45,799	1956	1956	21,324	189,386	67,003	45,112
Kingdom of Bahrain		Manama	Dinar = 1000 fils	\$ 1 = 0,376 Dinar	1,551	1932	1932	5,866	44,391	40,218	29,602
Arab Republic of Egypt		Cairo	Pound = 100 piaster	\$ 1 = 15,645 Pound	103,520	1907	1914	2,589	476,748	71,927	104,389
Republic of Iraq		Baghdad	Dinar = 1000 fils	\$ 1 = 1450 Dinar	42,249	1909	1934	95,846	260,858	130,482	83,545
State of Kuwait		Kuwait	Dinar = 1000 fils	\$ 1 = 0,302 Dinar	4,296	1938	1946	85,041	185,068	107,083	61,361
State of Libya		Tripoli	Dinar = 1000 dirham	\$ 1 = 4,510 Dinar	6,812	1958	1961	27,277	54,071	39,742	15,518
State of Qatar		Doha	Riyal = 100 dirham	\$ 1 = 3,64 Riyal	2,790	1940	1940	15,468	237,294	155,863	67,702
Kingdom of Saudi Arabia		Riyadh	Riyal = 100 halala	\$ 1 = 3,75 Riyal	34,552	1938	1938	304,244	1,108,149	442,349	257,269
Syrian Arab Republic		Damascus	Pound = 100 piaster	\$ 1 = 2198 Pound	18,375	1956	1968	0	22,932	3,703	8,274
Republic of Tunisia		Tunis	Dinar = 1000 Millime	\$ 1 = 2,790 Dinar	11,804	1964	1966	-	48,387	24,426	31,847
United Arab Emirates - UAE		Abu Dhabi	Dirham = 100 fils	\$ 1 = 3,673 Dirham	9,441	1953	1965	99,109	610,946	694,035	416,054
Total OAPEC		-	-	-	281,189	-	-	656,764	3,238,230	1,776,831	1,120,674

* Source :Joint Arab Economic Report, 2023

Con.....

Energy Indicators for OAPEC member Countries, 2022

	Proven Crude Oil Reserves (Billion barrels)	Proven Natural Gas Reserves (Billion cubic meters)	Total Energy Production (Thousand toe/day)	Crude Oil and NGL Production (Thousand b/day)	Crude Oil Production (Thousand b/day)	NGL Production (Thousand b/day)	Marketed Natural Gas (Billion cubic meters)	Installed Refining Capacity (Thousand b/day)	Total Oil Products Production (Thousand b/day)
People's Democratic Republic of Algeria	12.2	4,504	3,229	1,416	951	464.5	101.4	636	896
Kingdom of Bahrain	0.1	68	477	205	190	15.8	15.5	267	259
Arab Republic of Egypt	2.9	2,209	1,911	663	467	195.7	66.8	785	855
Republic of Iraq	144.0	3,714	4,937	4,544	4,453	90.8	16.3	1,266	677
State of Kuwait	101.5	1,784	3,393	3,064	2,706	357.7	13.9	1,005	983
State of Libya	48.4	1,505	1,253	1,013	981	32.2	12.6	634	147
State of Qatar	25.2	23,831	4,763	1,720	620	1,101	169.4	433	367
Kingdom of Saudi Arabia	267.2	9,514	14,453	11,984	10,591	1,393	122.4	3,291	2,769
Syrian Arab Republic	2.5	285.0	88.9	18.6	18	0.6	3.7	240	51
Republic of Tunisia	0.4	64.0	72.5	35.6	33	2.4	2.0	34	28
United Arab Emirates - UAE	113.0	8,210	5,247	4,122	3,064	1,058	55.6	1,227	953
Total OAPEC	717.4	55687.8	39823.4	28785.5	24074.4	4711.0	579.5	9818.1	7983.1

Energy Indicators for OAPEC member Countries, 2022













	Total Energy Consumption (Thousand boe/day)	Oil Consumption (Thousand boe/day)	Natural Gas Consumption (Thousand boe/day)	Total Oil Products Consumption (Thousand boe/day)	Crude Oil Exports (Thousand b/day)	Oil Products Exports (Thousand b/day)	Total Natural Gas Exports (Billion cubic meters)	Crude Oil Imports (Thousand b/day)	Oil Products Imports (Thousand b/day)	Total Natural Gas Imports (Billion cubic meters)
 People's Democratic Republic of Algeria	1,330	423	902	386	377	500	49.1	0.0	11.4	-
 Kingdom of Bahrain	299	33	266	31	149	225	-	213.0	1.7	-
 Arab Republic of Egypt	1,946	803	1,051	772	86	77	11.9	129.3	170.8	6.3
 Republic of Iraq	1,343	886	443	668	3,318	191	-	-	114.4	9.4
 State of Kuwait	827	378	442	342	1,843	712	-	-	28.6	11.8
 State of Libya	384	210	174	202	783	81	2.5	2.0	175.1	-
 State of Qatar	930	208	723	192	518	466	127.5	-	24.0	-
 Kingdom of Saudi Arabia	4,813	2,702	2,109	1,886	7,364	1,470	-	-	360.1	-
 Syrian Arab Republic	198	128	63	126	-	-	-	-	-	-
 Republic of Tunisia	181	98	82	93	19	-	-	0.0	73.8	2.7
 United Arab Emirates - UAE	1,572	325	1,198	301	2,717	903	6.8	187.0	249.0	20.8
 Total OAPEC	13,824.4	6,195.9	7,453.7	4,998.2	17,174.7	4,625.3	197.8	531.3	1,209.0	51.0



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I
Part

**Reserves and
Production**

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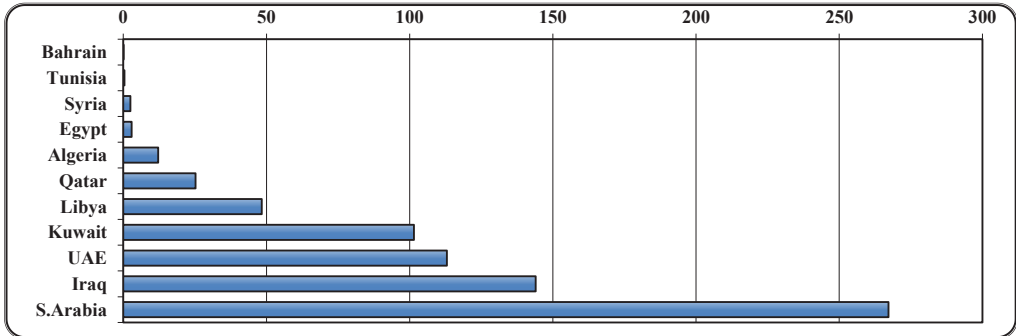
2023

Table No. (1)
Proven crude oil reserves in OAPEC Members, 2018-2022*
(Billion barrels - at end of the year)

	2018	2019	2020	2021	2022
Algeria	12.2	12.2	12.2	12.2	12.2
Bahrain	0.1	0.1	0.1	0.1	0.1
Egypt	3.2	3.1	3.1	3.0	2.9
Iraq	148.4	148.4	148.4	144.0	144.0
Kuwait	101.5	101.5	101.5	101.5	101.5
Libya	48.4	48.4	48.4	48.4	48.4
Qatar	25.2	25.2	25.2	25.2	25.2
S.Arabia	267.0	267.1	267.1	267.2	267.2
Syria	2.5	2.5	2.5	2.5	2.5
Tunisia	0.4	0.4	0.4	0.4	0.4
UAE	97.8	105.0	107.0	111.0	113.0
OAPEC	706.7	714.0	715.9	715.5	717.4
Rest of the world	569.3	558.0	600.1	595.5	608.6
Total World	1276.0	1272.0	1316.0	1311.0	1326.0

* Excluding unconventional oil.

Proven crude oil reserves in OAPEC Members, 2022
(Billion barrels)



Proven crude oil reserves in OAPEC Members, 2018-2022

(Billion barrels)

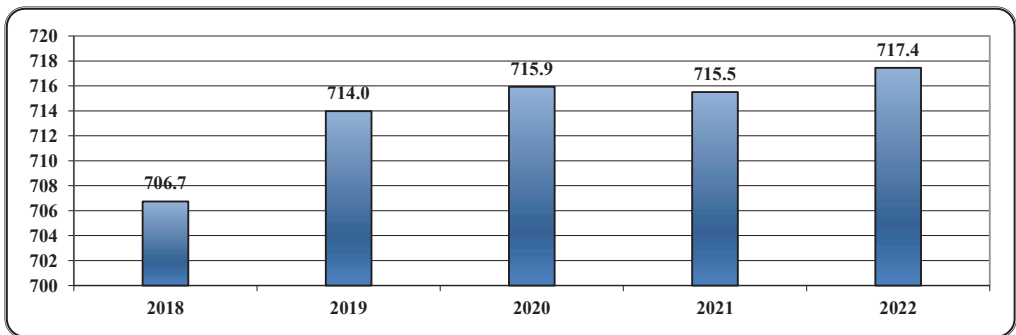
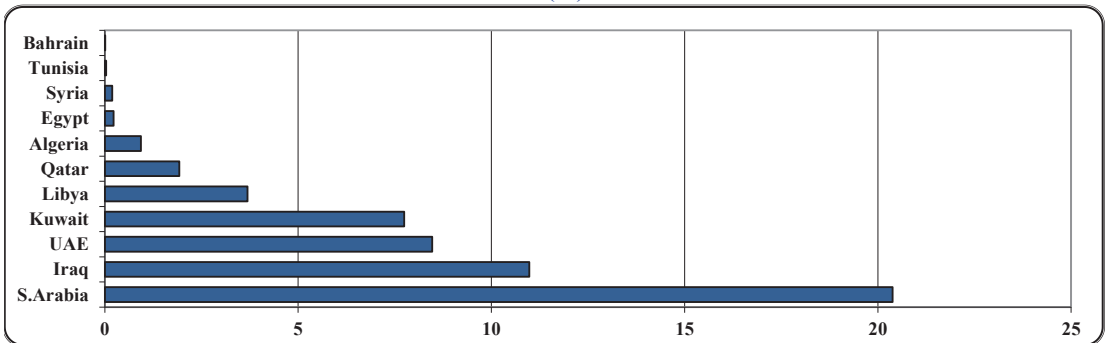


Table No. (2)
OAPEC Members share of world proven crude oil* reserves, 2018-2022
(% - at end of the year)

	2017	2018	2019	2020	2021	2022
Algeria	0.96	0.96	0.96	0.93	0.93	0.92
Bahrain	0.01	0.01	0.01	0.01	0.01	0.01
Egypt	0.26	0.25	0.25	0.24	0.23	0.22
Iraq	11.60	11.63	11.67	11.28	10.98	10.86
Kuwait	8.00	7.95	7.98	7.71	7.74	7.65
Libya	3.81	3.79	3.80	3.68	3.69	3.65
Qatar	1.99	1.98	1.98	1.92	1.93	1.90
Syria	0.20	0.20	0.20	0.19	0.19	0.19
S.Arabia	20.98	20.93	21.00	20.30	20.38	20.15
Tunisia	0.03	0.03	0.03	0.03	0.03	0.03
UAE	7.71	7.66	8.25	8.13	8.47	8.52
OAPEC	55.6	55.4	56.1	54.4	54.6	54.1
Rest of the world	44.4	44.6	43.9	45.6	45.4	45.9
Total World	100.0	100.0	100.0	100.0	100.0	100.0

* Excluding unconventional oil.

OAPEC Members share of world proven crude oil reserves, 2022
(%)



OAPEC Members share of world proven crude oil reserves, 2018-2022
(%)

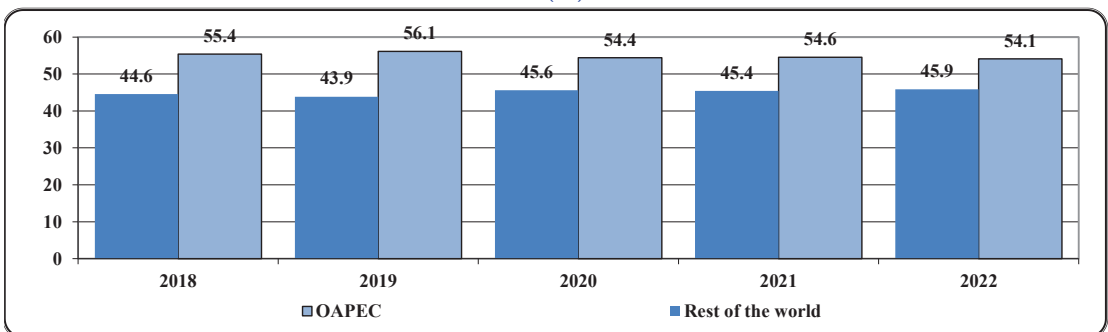
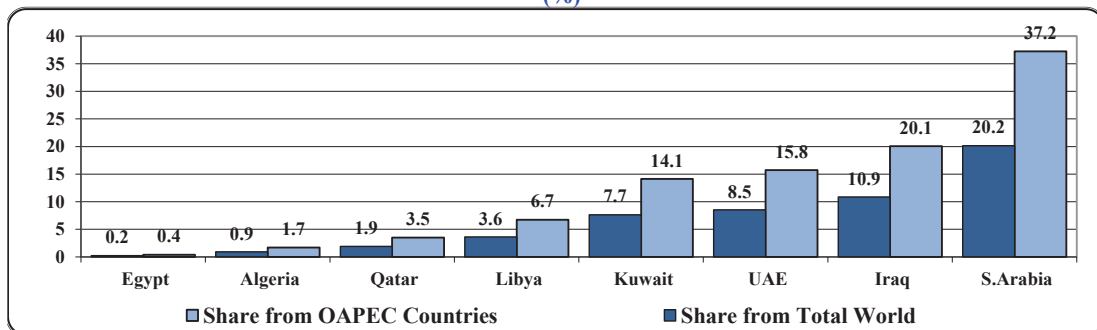


Table No. (3)
OAPEC Members share of world proven crude oil* reserves, 2022
 (% - at end of the year 2022)

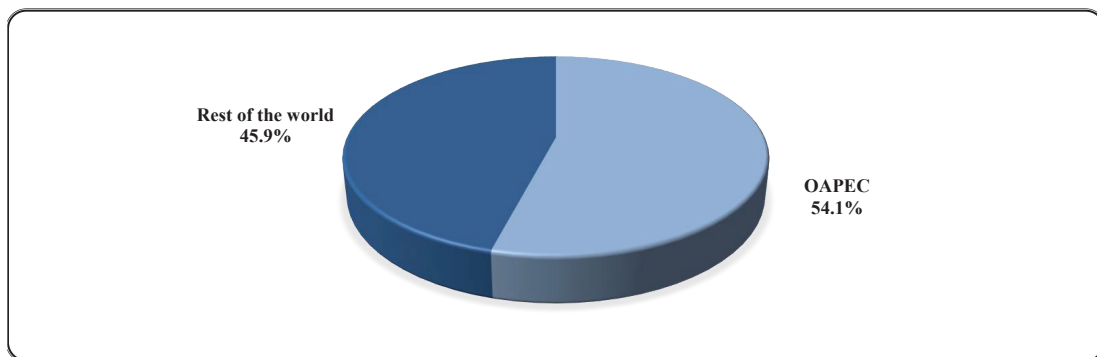
	Data for Year 2022 (Billion barrels)	Share from OAPEC Countries	Share from Total World
Algeria	12.20	1.70	0.92
Bahrain	0.09	0.01	0.01
Egypt	2.93	0.41	0.22
Iraq	144.00	20.07	10.86
Kuwait	101.50	14.15	7.65
Libya	48.36	6.74	3.65
Qatar	25.24	3.52	1.90
S.Arabia	267.19	37.24	20.15
Syria	2.50	0.35	0.19
Tunisia	0.43	0.06	0.03
UAE	113.00	15.75	8.52
OAPEC	717.45	100.0	54.1
Total World	1326.00	-	-

* Excluding unconventional oil.

OAPEC Members share of world proven crude oil reserves , 2022
 (%)



OAPEC Members share of world proven crude oil reserves , 2022
 (%)

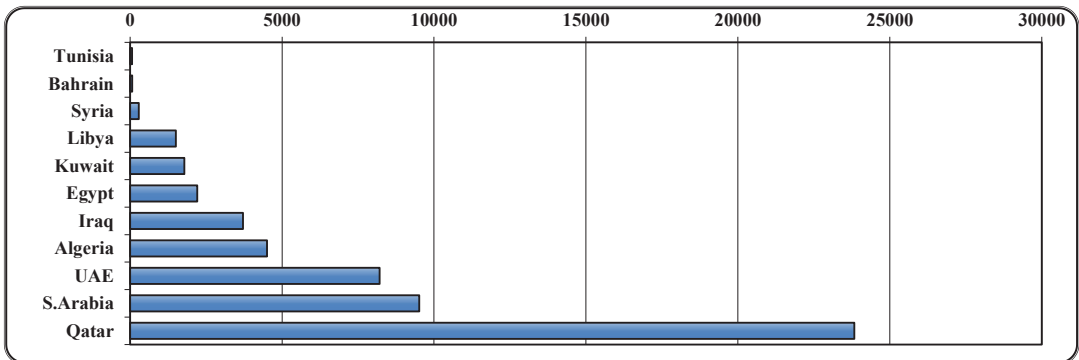


**Table No. (4)
Proven natural gas reserves in OAPEC Members, 2018-2022
(Billion cubic meters - at end of the year)**

	2018	2019	2020	2021	2022
Algeria	4505	4504	4504	4504	4504
Bahrain	193	81	68	68	68
Egypt	2221	2209	2209	2209	2209
Iraq	3820	3820	3820	3714	3714
Kuwait	1784	1784	1784	1784	1784
Libya	1505	1505	1505	1505	1505
Qatar	23846	23831	23831	23831	23831
S.Arabia	8260	8366	8437	8507	9514
Syria	285	285	285	285	285
Tunisia*	64	64	64	64	64
UAE	6091	7726	7730	8200	8210
OAPEC	52573	54175	54237	54671	55688
Rest of the world	149078	150847	152960	151956	156472
Total World	201651	205022	207197	206627	212160

* Year 2022 estimated.

**Proven natural gas reserves in OAPEC Members,2022
(Billion cubic meters)**



**Proven natural gas reserves in OAPEC Members, 2018-2022
(Billion cubic meters)**

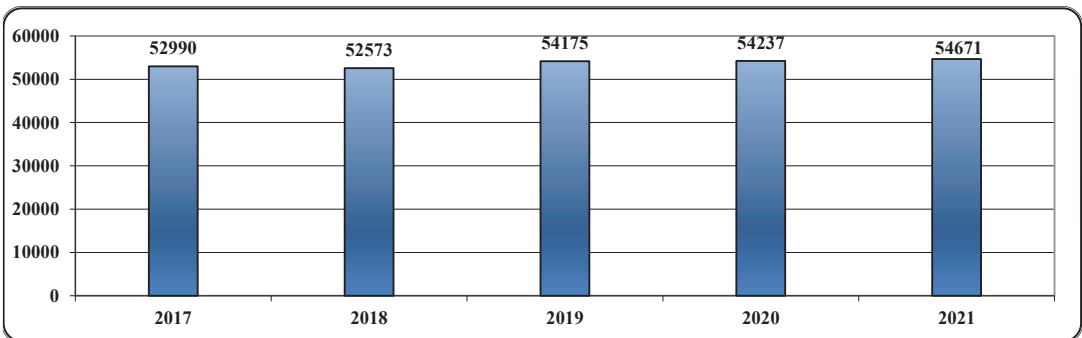
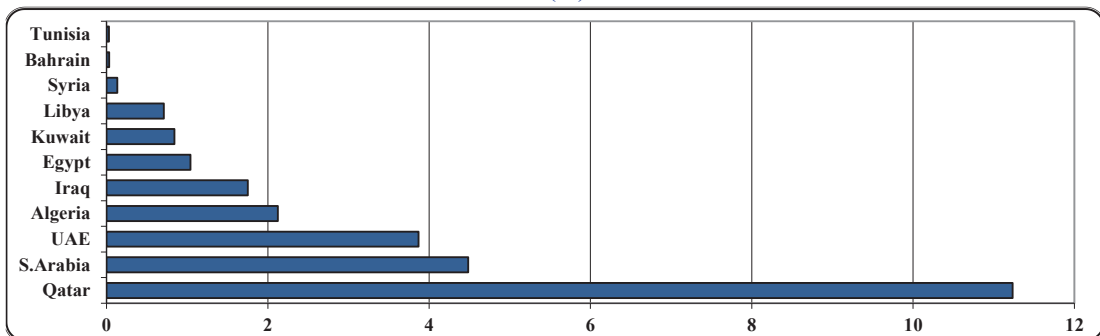


Table No. (5)
OAPEC Members share of world proven natural gas reserves, 2018-2022
 (% - at end of the year 2022)

	2018	2019	2020	2021	2022
Algeria	2.23	2.20	2.17	2.18	2.12
Bahrain	0.10	0.04	0.03	0.03	0.03
Egypt	1.10	1.08	1.07	1.07	1.04
Iraq	1.89	1.86	1.84	1.80	1.75
Kuwait	0.88	0.87	0.86	0.86	0.84
Libya	0.75	0.73	0.73	0.73	0.71
Qatar	11.83	11.62	11.50	11.53	11.23
S.Arabia	4.10	4.08	4.07	4.12	4.48
Syria	0.14	0.14	0.14	0.14	0.13
Tunisia*	0.03	0.03	0.03	0.03	0.03
UAE	3.02	3.77	3.73	3.97	3.87
OAPEC	26.07	26.42	26.18	26.46	26.25
Rest of the world	73.93	73.58	73.82	73.54	73.75
Total World	100.0	100.0	100.0	100.0	100.0

* Year 2022 estimated.

OAPEC Members share of world proven natural gas reserves, 2022
 (%)



OAPEC Members share of world proven natural gas reserves, 2018-2022
 (%)

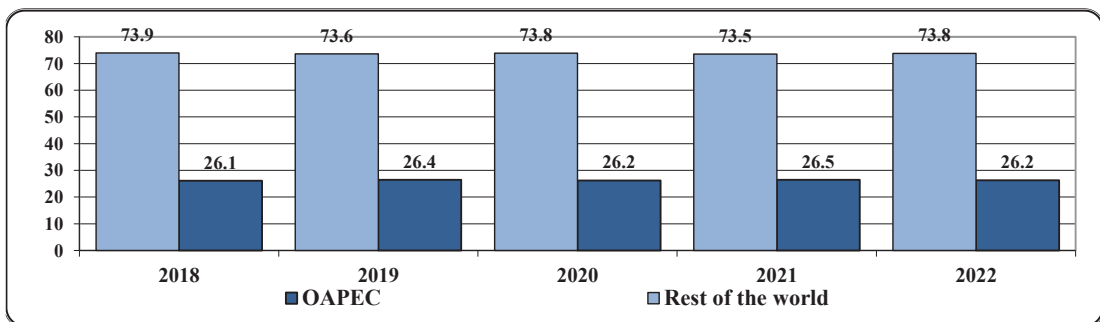
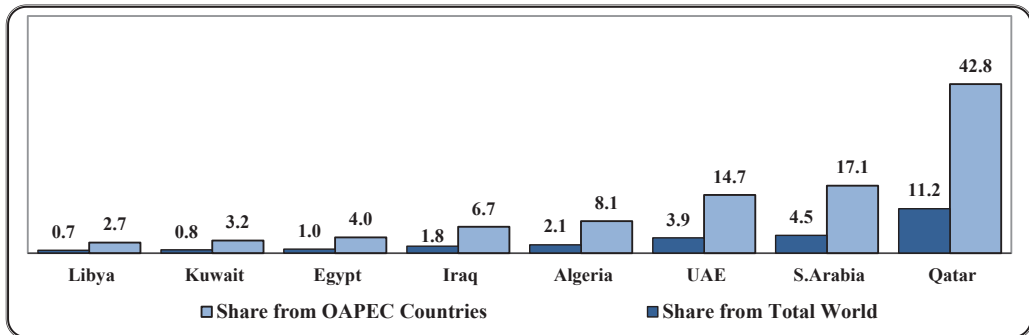


Table No. (6)
OAPEC Members share of world proven natural gas reserves, 2022*
(% - at end of the year 2022)

	Data for Year 2022 (Billion cubic meters)	Share from OAPEC Countries	Share from Total World
Algeria	4504	8.09	2.12
Bahrain	68	0.12	0.03
Egypt	2209	3.97	1.04
Iraq	3714	6.67	1.75
Kuwait	1784	3.20	0.84
Libya	1505	2.70	0.71
Qatar	23831	42.79	11.23
S.Arabia	9514	17.08	4.48
Syria	285	0.51	0.13
Tunisia*	64	0.11	0.03
UAE	8210	14.74	3.87
OAPEC	55688	100.0	26.2
Total World	212160	-	-

* Year 2022 estimated.

OAPEC Members share of world proven natural gas reserves, 2022
(%)



OAPEC Members share of world proven natural gas reserves, 2022
(%)

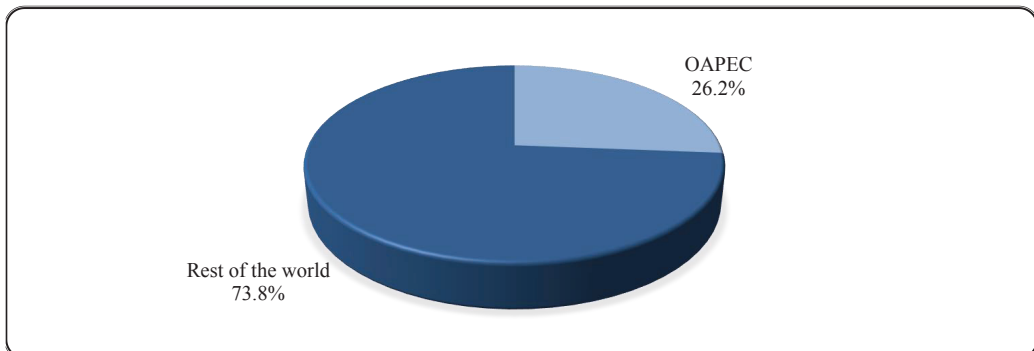
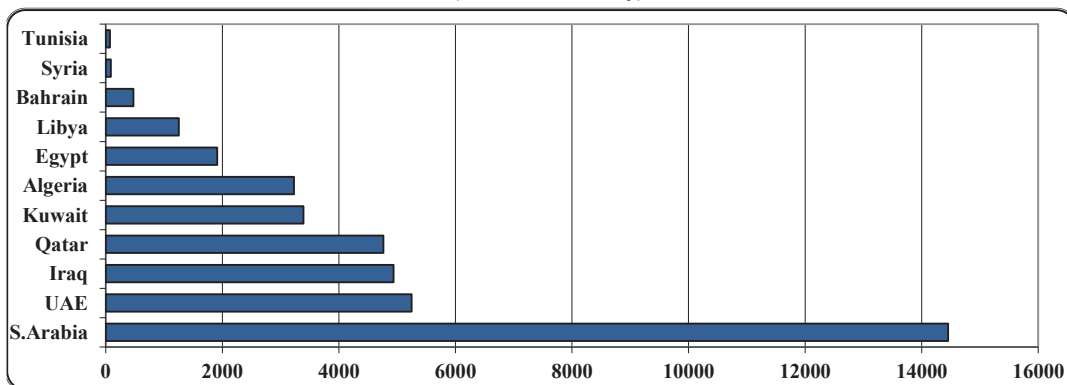


Table No. (7)
Total energy production in OAPEC Members, 2018-2022
 (Thousand boe/day)

	2018	2019	2020	2021	2022
Algeria	3186	3017	2775	3164	3229
Bahrain	476	514	515	500	477
Egypt	1882	1971	1811	1963	1911
Iraq	4902	5121	4419	4424	4937
Kuwait	3445	3355	3079	3070	3393
Libya	1360	1611	775	1499	1253
Qatar	4829	4742	4654	4643	4763
S.Arabia	14457	13877	12797	12704	14453
Syria*	83	90	80	96	89
Tunisia*	74	64	61	81	73
UAE	4899	5006	4731	4764	5247
OAPEC	39594	39367	35696	36909	39823

* Year 2022 estimated.

Total energy production in OAPEC Members, 2022
 (Thousand boe/day)



Total energy production in OAPEC Members, 2018-2022
 (Thousand boe/day)

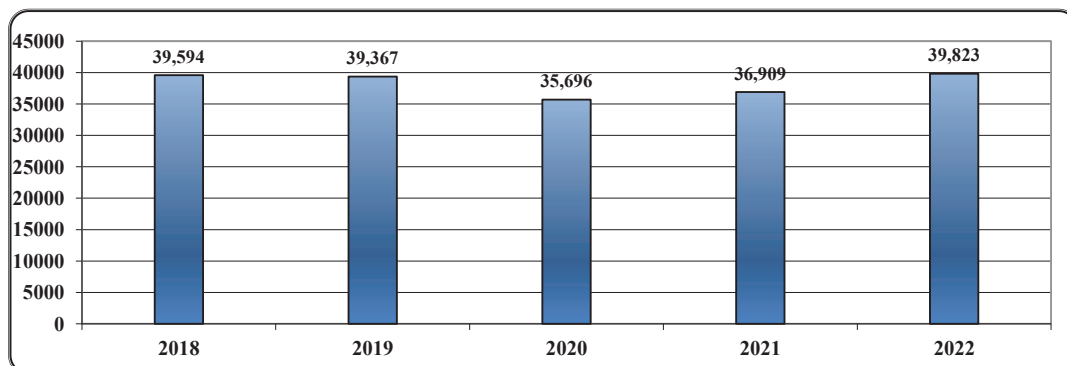
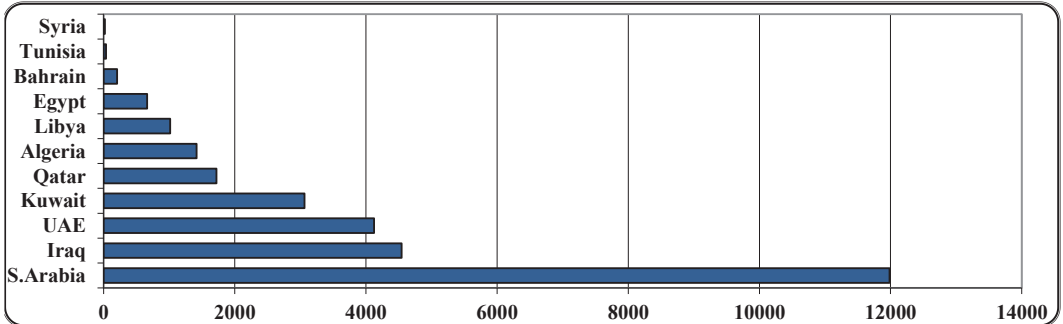


Table No. (8)
Crude oil and Natural gas liquids production in OAPEC Members, 2018-2022
(Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	1440.2	1401.9	1257.8	1292.8	1415.8
Bahrain	205.2	212.8	212.3	207.8	205.3
Egypt	746.0	719.7	681.9	654.6	662.9
Iraq	4541.4	4727.0	4063.8	4057.3	4543.8
Kuwait	3113.1	3026.0	2774.8	2767.1	3064.1
Libya*	972.2	1123.7	404.6	1246.6	1013.2
Qatar	1765.8	1716.4	1643.0	1666.0	1720.3
S.Arabia	12045.0	11495.3	10416.3	10325.0	11983.8
Syria*	16.3	25.5	25.6	16.4	18.6
Tunisia*	43.8	39.7	36.9	41.1	35.6
UAE*	3839.2	3910.0	3640.4	3675.3	4122.0
OAPEC	28728.3	28398.0	25157.4	25950.1	28785.5

* Year 2022 estimated.

Crude oil and Natural gas liquids production in OAPEC Members, 2022
(Thousand b/day)



Crude oil and Natural gas liquids production in OAPEC Members, 2018-2022
(Thousand b/day)

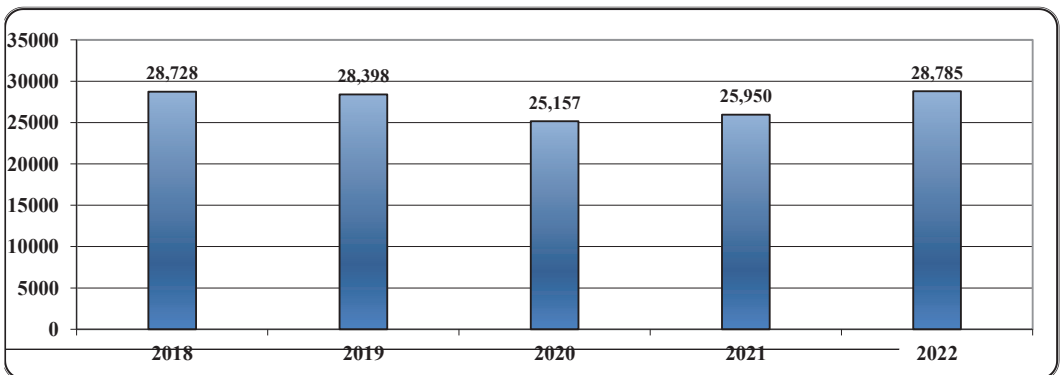
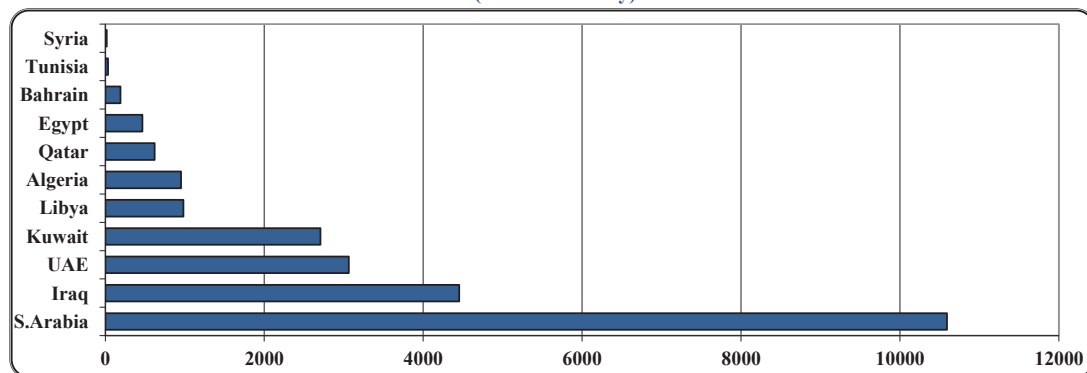


Table No. (9)
Crude oil production in OAPEC Members, 2018-2022
 (Thousand b/d)

	2018	2019	2020	2021	2022
Algeria	970.0	954.2	838.1	849.3	951.2
Bahrain	194.2	194.2	194.2	193.0	189.5
Egypt	544.1	525.8	507.3	469.3	467.2
Iraq	4410.0	4576.0	3998.0	3971.1	4453.0
Kuwait	2736.2	2677.8	2439.4	2414.4	2706.4
Libya*	951.0	1096.6	389.3	1207.0	981.0
Qatar	600.6	579.9	554.3	551.3	619.8
S.Arabia	10317.0	9808.0	9213.0	9125.0	10591.0
Syria*	16.0	25.0	25.0	15.9	18.0
Tunisia*	39.9	36.6	33.9	38.7	33.2
UAE	3007.2	3058.0	2780.3	2718.0	3064.0
OAPEC	23786.1	23532.1	20972.8	21553.0	24074.4
Rest of the world	63463.9	63525.9	61994.2	61430.0	63956.6
Total World	87250.0	87058.0	82967.0	82983.0	88031.0

* Year 2022 estimated.

Crude oil production in OAPEC Members, 2022
 (Thousand b/day)



Crude oil production in OAPEC Members, 2018-2022
 (Thousand b/day)

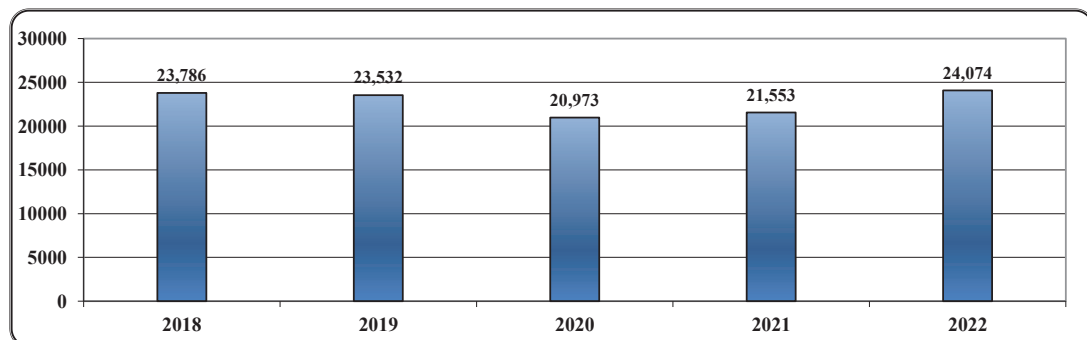
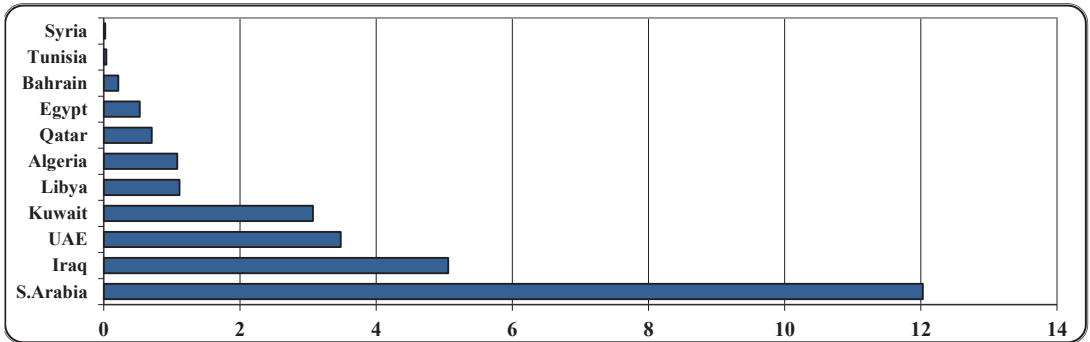


Table No. (10)
OAPEC Members share of world crude oil production, 2018-2022
(%)

	2018	2019	2020	2021	2022
Algeria	1.11	1.10	1.01	1.02	1.08
Bahrain	0.22	0.22	0.23	0.23	0.22
Egypt	0.62	0.60	0.61	0.57	0.53
Iraq	5.05	5.26	4.82	4.79	5.06
Kuwait	3.14	3.08	2.94	2.91	3.07
Libya	1.09	1.26	0.47	1.45	1.11
Qatar	0.69	0.67	0.67	0.66	0.70
S.Arabia	11.82	11.27	11.10	11.00	12.03
Syria	0.02	0.03	0.03	0.02	0.02
Tunisia	0.05	0.04	0.04	0.05	0.04
UAE	3.45	3.51	3.35	3.28	3.48
OAPEC	27.3	27.0	25.3	26.0	27.3
Rest of the world	72.7	73.0	74.7	74.0	72.7
Total World	100.0	100.0	100.0	100.0	100.0

OAPEC Members share of world crude oil production, 2022
(%)



OAPEC Members share of world crude oil production, 2018-2022
(%)

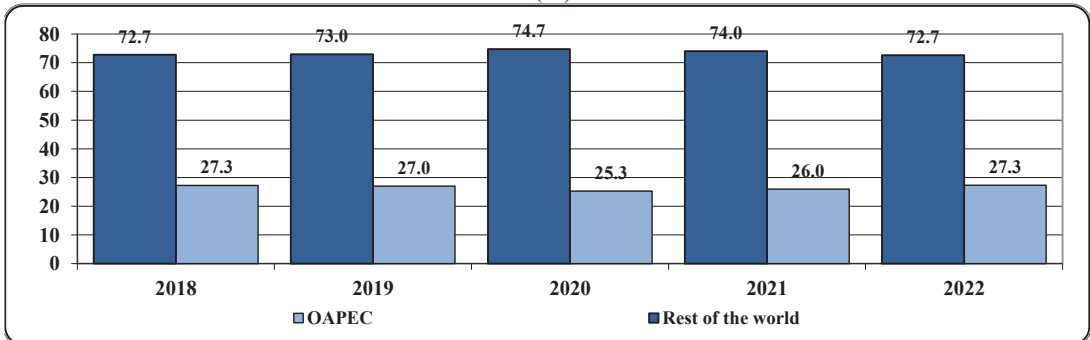
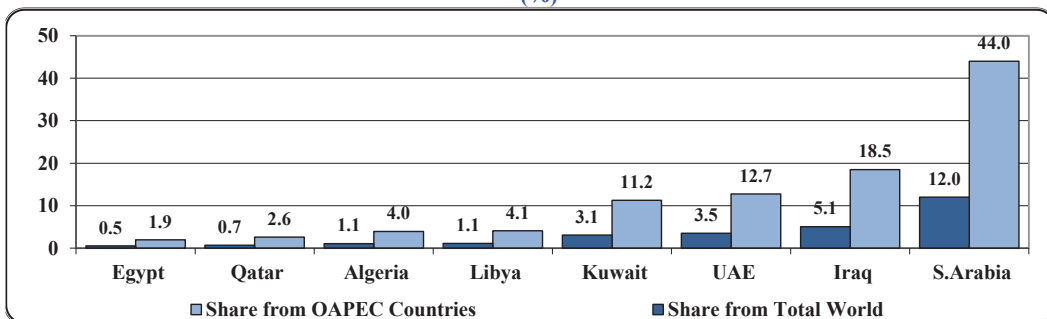


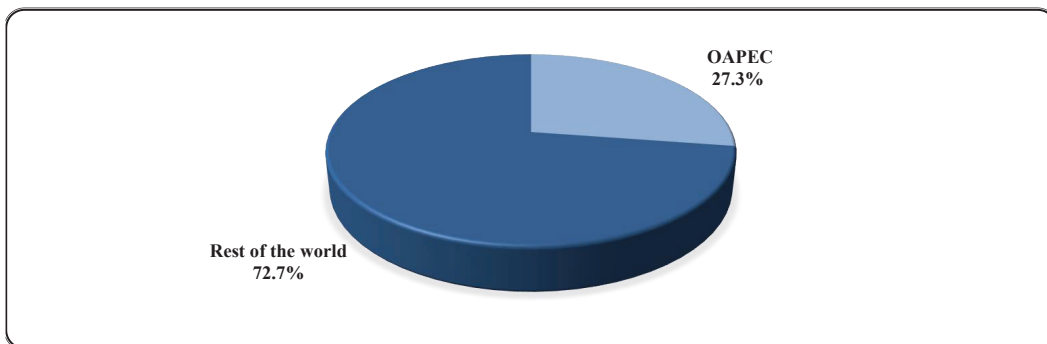
Table No. (11)
OAPEC Members share of world crude oil production, 2022

	Data for Year 2022 (Thousand b/d)	Share from OAPEC Countries	Share from Total World
Algeria	951.2	3.95	1.08
Bahrain	189.5	0.79	0.22
Egypt	467.2	1.94	0.53
Iraq	4453.0	18.50	5.06
Kuwait	2706.4	11.24	3.07
Libya	981.0	4.07	1.11
Qatar	619.8	2.57	0.70
S.Arabia	10591.0	43.99	12.03
Syria	18.0	0.07	0.02
Tunisia	33.2	0.14	0.04
UAE	3064.0	12.73	3.48
OAPEC	24074.4	100.0	27.3
Rest of the world	28835.0	-	72.7
Total World	88031.0	-	100.0

OAPEC Members share of world crude oil production, 2022 (%)



OAPEC Members share of world crude oil production, 2022 (%)

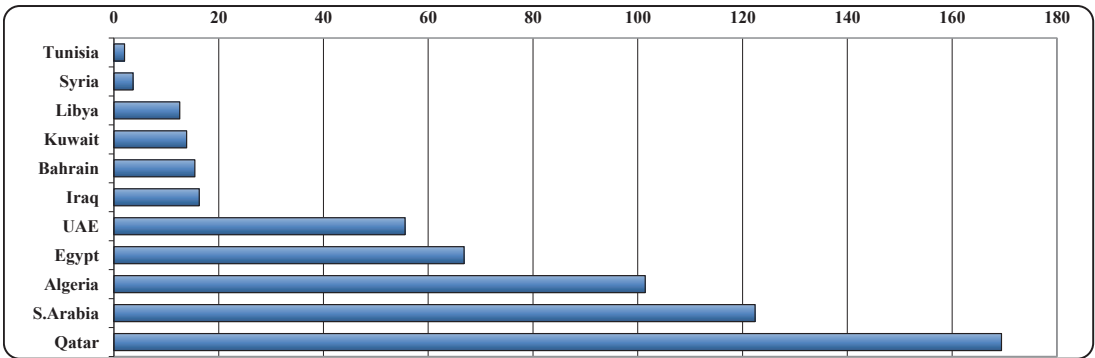


**Table No. (12)
Marketed Natural Gas* from OAPEC Members, 2018-2022
(Billion cubic meters)**

	2018	2019	2020	2021	2022
Algeria	97.5	90.0	84.6	105.0	101.4
Bahrain	15.4	17.1	17.3	16.7	15.5
Egypt	60.8	67.5	60.6	70.4	66.8
Iraq	14.5	15.3	14.5	15.3	16.3
Kuwait	13.9	14.0	12.9	12.7	13.9
Libya	21.3	26.8	20.9	13.0	12.6
Qatar	170.3	168.3	167.7	165.6	169.4
S.Arabia	118.0	122.7	119.0	120.0	122.4
Syria	3.5	3.3	2.7	4.2	3.7
Tunisia	1.6	1.3	1.3	2.2	2.0
UAE	53.2	55.1	55.1	54.5	55.6
OAPEC	569.9	581.4	556.5	579.7	579.5
Rest of the world	3272.1	3390.6	3323.5	3477.3	3478.5
Total World	3842.0	3972.0	3880.0	4057.0	4058.0

* Excluding Re- injected, flared and loss.

**Marketed Natural Gas from OAPEC Members, 2022
(Billion cubic meters)**



**Marketed Natural Gas from OAPEC Members, 2018-2022
(Billion cubic meters)**

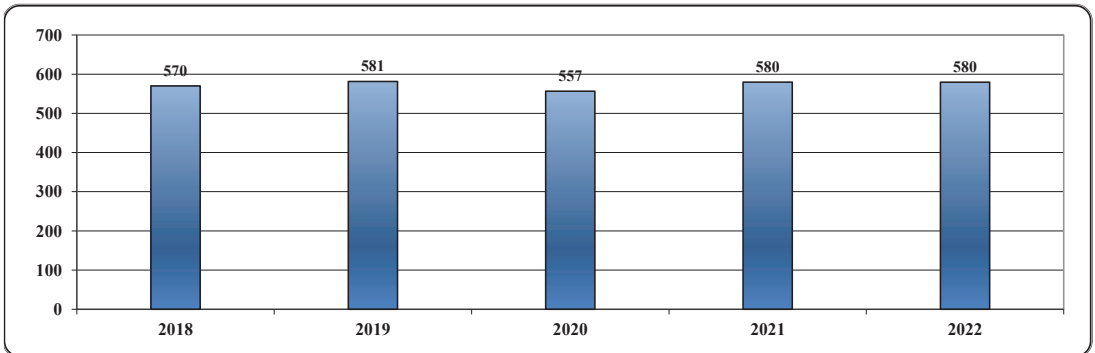
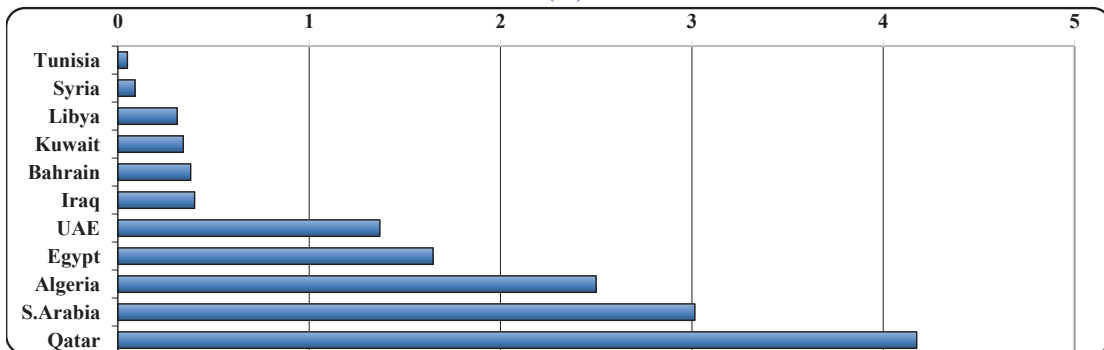


Table No. (13)
OAPEC Members Share of world marketed natural gas*, 2018-2022
 (%)

	2018	2019	2020	2021	2022
Algeria	2.54	2.27	2.18	2.59	2.50
Bahrain	0.40	0.43	0.44	0.41	0.38
Egypt	1.58	1.70	1.56	1.74	1.65
Iraq	0.38	0.38	0.37	0.38	0.40
Kuwait	0.36	0.35	0.33	0.31	0.34
Libya	0.55	0.68	0.54	0.32	0.31
Qatar	4.43	4.24	4.32	4.08	4.18
S.Arabia	3.07	3.09	3.07	2.96	3.02
Syria	0.09	0.08	0.07	0.10	0.09
Tunisia	0.04	0.03	0.03	0.05	0.05
UAE	1.38	1.39	1.42	1.34	1.37
OAPEC	14.8	14.6	14.3	14.3	14.3
Rest of the world	85.2	85.4	85.7	85.7	85.7
Total World	100.0	100.0	100.0	100.0	100.0

* Excluding Re- injected, flared and loss.

OAPEC Members Share of world marketed natural gas, 2022
 (%)



OAPEC Members Share of world marketed natural gas, 2018-2022
 (%)

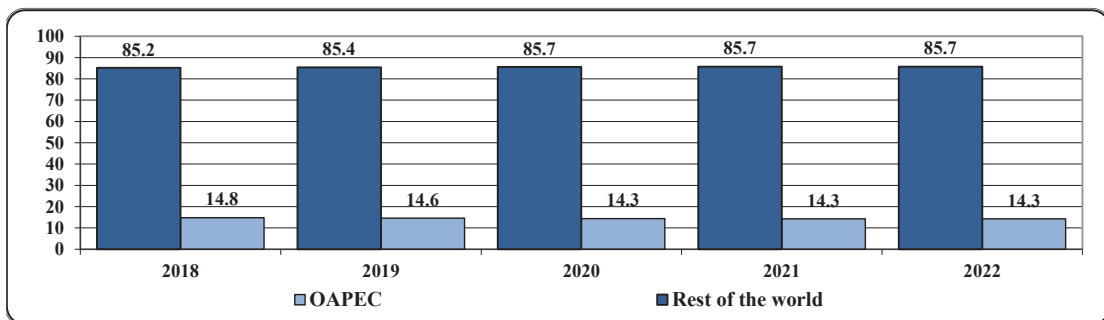
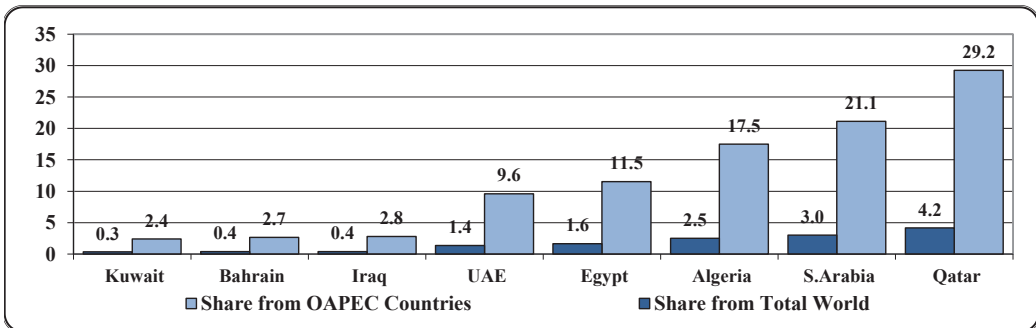


Table No. (14)
OAPEC Members Share of world marketed natural gas*, 2022
(%)

	Data for Year 2022 (Billion cubic meters)	Share from OAPEC Countries	Share from Total World
UAE	55.6	9.59	1.37
Bahrain	15.5	2.67	0.38
Tunisia	2.0	0.35	0.05
Algeria	101.4	17.50	2.50
S.Arabia	122.4	21.12	3.02
Syria	3.7	0.63	0.09
Iraq	16.3	2.81	0.40
Qatar	169.4	29.24	4.18
Kuwait	13.9	2.40	0.34
Libya	12.6	2.17	0.31
Egypt	66.8	11.53	1.65
OAPEC	579.5	100.0	14.3
Rest of the world	3478.5	-	85.7
Total World	4058.0	-	100.0

* Excluding Re- injected, flared and loss.

OAPEC Members Share of world marketed natural gas, 2022
(%)



OAPEC Members Share of world marketed natural gas, 2022
(%)

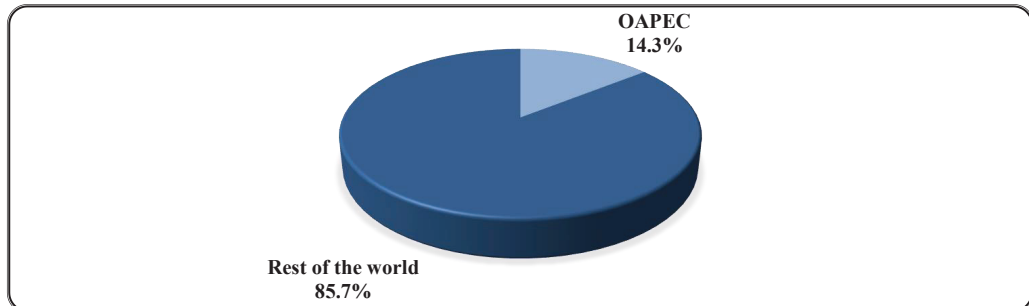
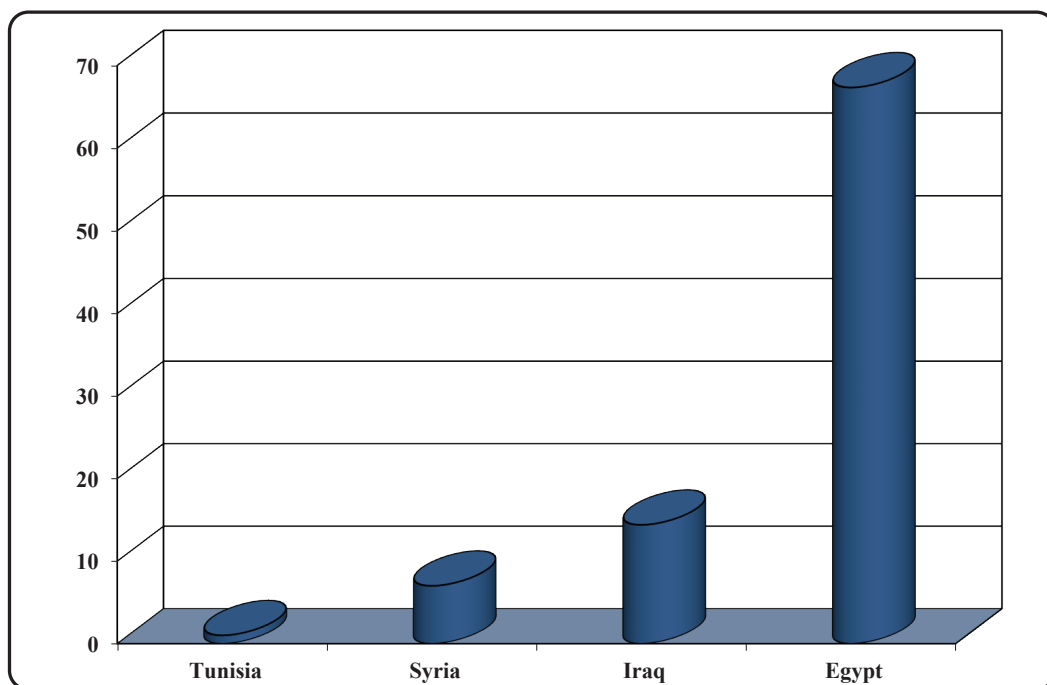


Table No. (15)
Hydro - Electricity production in OAPEC Members, 2018-2022
(Thousand boe/day)

	2018	2019	2020	2021	2022
Algeria	0.2	0.3	0.1	0.0	0.0
Egypt	57.4	58.6	57.6	67.2	67.3
Iraq*	9.6	24.0	19.2	14.4	14.4
Syria*	7.0	7.0	7.0	7.0	7.0
Tunisia*	1.0	1.0	1.0	1.0	1.0
OAPEC	75.2	90.8	84.8	89.6	89.7

* Estimated.

Hydro - Electricity production in OAPEC Members, 2022
(Thousand boe/day)





II
Part

**Oil and Natural Gas
Processing**

Annual Statistical Report

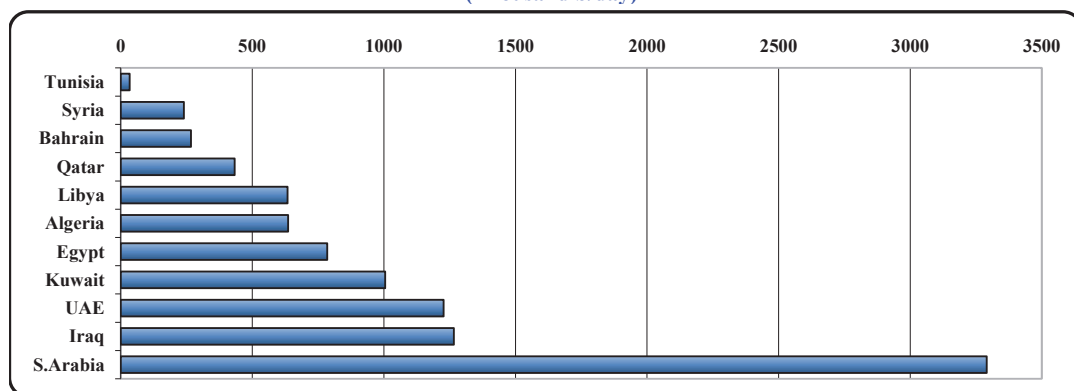
2023

Table No. (16)
Installed refining capacities in OAPEC Members, 2018-2022
(Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	657.1	644.9	636.2	636.2	636.2
Bahrain	267.0	267.0	267.0	267.0	267.0
Egypt	784.8	784.8	784.8	784.8	784.8
Iraq	726.0	743.0	758.0	1126.0	1266.0
Kuwait	736.0	736.0	800.0	800.0	1005.0
Libya	634.0	634.0	634.0	634.0	634.0
Qatar	433.0	433.0	433.0	433.0	433.0
S.Arabia	2856.0	2896.0	2927.0	3327.0	3291.0
Syria*	240.1	240.1	240.1	240.1	240.1
Tunisia*	34.0	34.0	34.0	34.0	34.0
UAE	1122.0	1122.0	1272.0	1272.0	1227.0
OAPEC	8490.0	8534.8	8786.1	9554.1	9818.1

* Year 2022 estimated.

Installed refining capacities in OAPEC Members, 2022
(Thousand b/day)



Installed refining capacities in OAPEC Members, 2018-2022
(Thousand b/day)

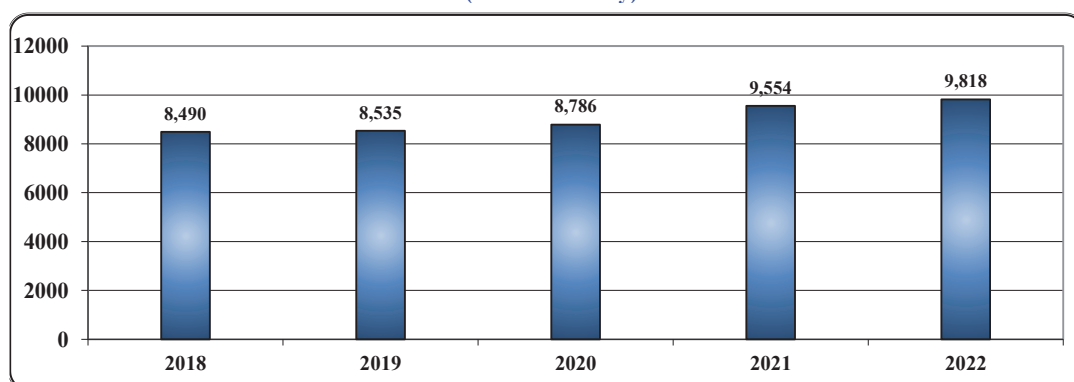
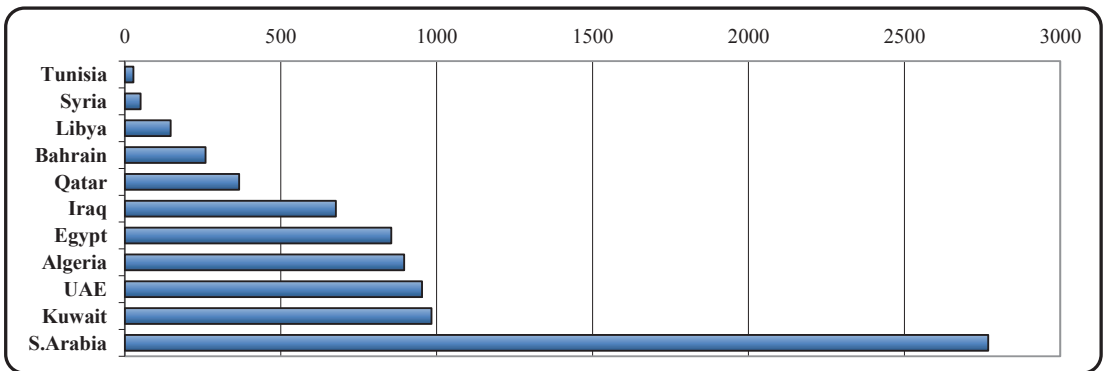


Table No. (17)
Total Oil products production in OAPEC Members, 2018-2022
(Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	899.1	861.1	833.6	861.2	895.8
Bahrain	270.9	274.0	229.7	235.9	258.9
Egypt	657.5	722.0	815.1	780.6	854.5
Iraq	577.6	611.8	529.7	609.1	676.8
Kuwait	852.1	885.5	780.3	845.4	983.5
Libya*	94.0	76.0	80.0	125.0	147.0
Qatar	386.3	361.3	342.3	352.9	366.6
S.Arabia	2802.4	2587.2	2188.6	2546.6	2768.8
Syria*	111.6	111.6	111.6	53.3	50.6
Tunisia*	22.1	20.4	22.6	31.9	27.5
UAE*	1008.1	1163.9	925.1	1040.6	953.1
OAPEC	7681.7	7674.8	6858.7	7482.5	7983.1

* Year 2022 estimated.

Total Oil products production in OAPEC Members, 2022
(Thousand b/day)



Total Oil products production in OAPEC Members, 2018-2022
(Thousand b/day)

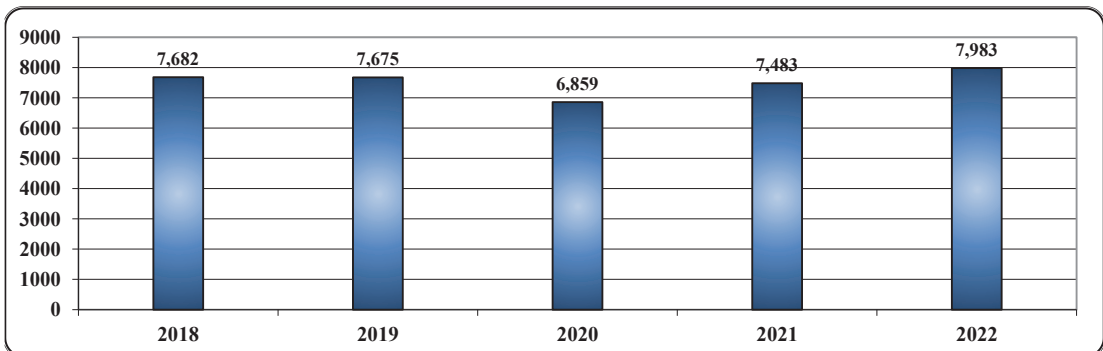


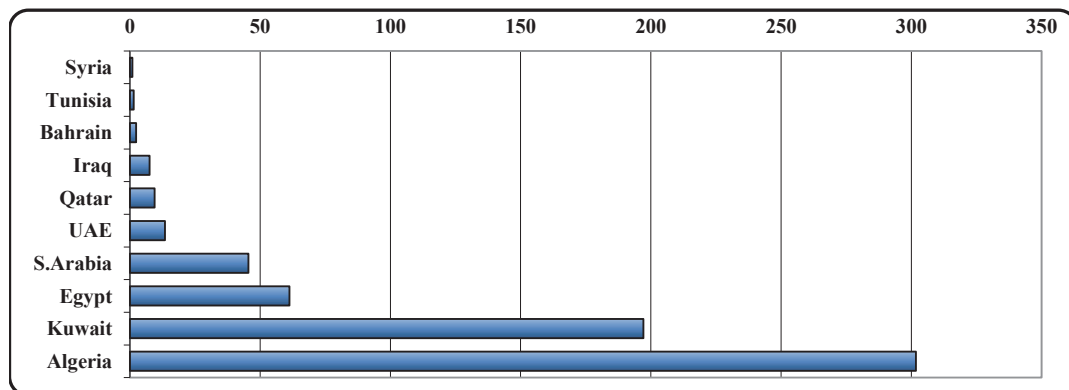
Table No. (18)
LPG production in OAPEC Members, 2018-2022**
(Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	286.4	284.6	267.8	287.0	301.8
Bahrain	2.3	2.3	2.2	2.2	2.4
Egypt	60.3	57.9	59.5	56.0	61.3
Iraq	7.7	6.6	7.5	7.5	7.6
Kuwait**	200.7	193.0	177.7	188.3	197.1
Libya					
Qatar	11.8	11.0	11.0	11.0	9.5
S.Arabia	46.7	26.6	35.3	38.4	45.5
Syria*	1.9	1.9	1.9	1.5	1.0
Tunisia*	2.7	2.0	2.2	2.1	1.5
UAE*	26.1	18.3	15.9	9.5	13.5
OAPEC	646.6	604.3	581.1	603.4	640.9

* Year 2022 estimated.

** Include LPG production from outside refineries.

LPG production in OAPEC Members, 2022
(Thousand b/day)



LPG production in OAPEC Members, 2018-2022
(Thousand b/day)

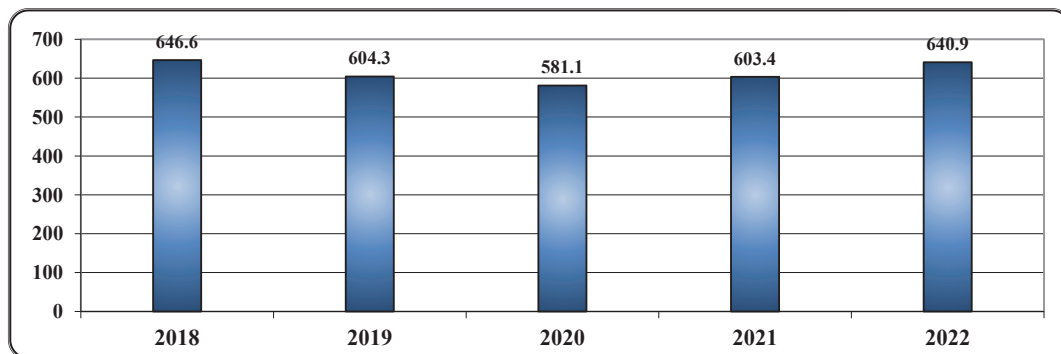
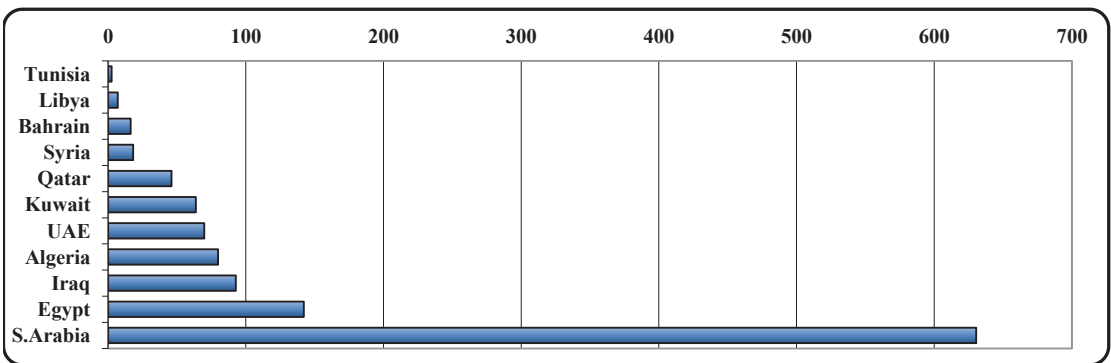


Table No. (19)
Gasoline production in OAPEC Members, 2018-2022
(Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	87.3	75.8	72.1	79.8	79.9
Bahrain	17.3	17.6	12.5	11.0	16.4
Egypt	110.5	116.9	132.3	123.7	142.1
Iraq	83.9	84.8	70.7	73.4	92.8
Kuwait	45.3	61.0	51.0	61.0	63.7
Libya*	5.0	3.0	3.0	6.0	7.0
Qatar	41.2	46.9	45.0	48.2	46.0
S.Arabia	529.6	548.4	454.2	543.7	630.5
Syria*	10.5	10.5	10.5	19.0	18.2
Tunisia*	0.1		1.1	2.4	2.5
UAE*	84.0	136.7	137.1	66.3	69.8
OAPEC	1014.6	1101.5	989.5	1034.5	1168.9

* Year 2022 estimated.

Gasoline production in OAPEC Members, 2022
(Thousand b/day)



Gasoline production in OAPEC Members, 2018-2022
(Thousand b/day)

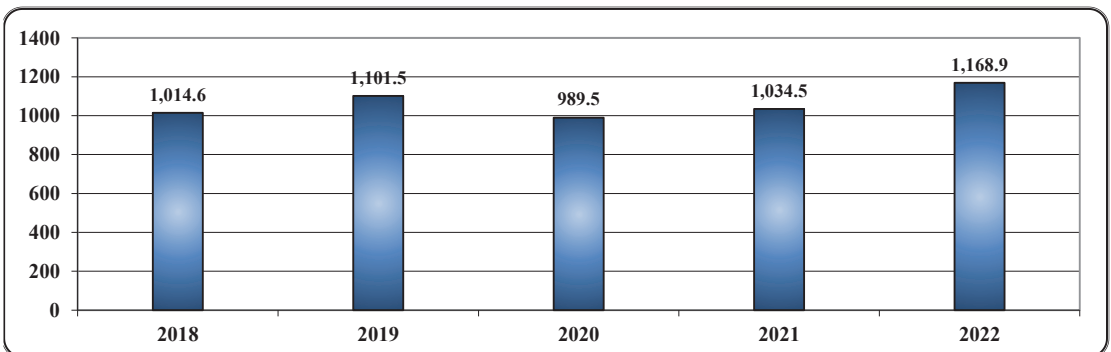
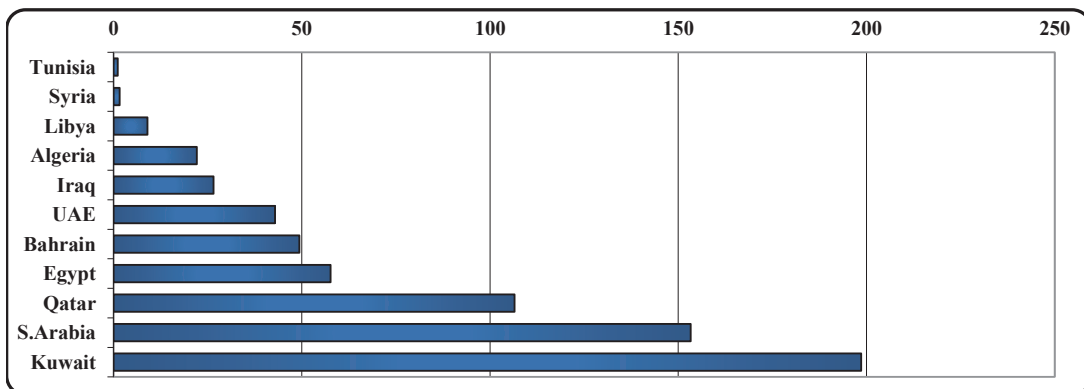


Table No. (20)
Kerosene and jet fuel production in OAPEC Members, 2018-2022
 (Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	32.2	26.0	21.5	18.3	22.1
Bahrain	66.3	65.9	49.4	41.1	49.4
Egypt	66.6	69.3	64.2	55.7	57.6
Iraq	33.1	34.8	30.0	31.6	26.6
Kuwait	128.6	136.5	114.9	148.4	198.6
Libya*	6.0	4.0	4.0	7.0	9.0
Qatar	122.2	100.3	96.1	98.5	106.5
S.Arabia	263.0	232.3	145.5	125.8	153.3
Syria*	3.6	3.6	3.6	1.8	1.6
Tunisia*	1.0	0.3	0.6	1.0	1.1
UAE*	280.4	256.7	187.4	28.5	42.9
OAPEC	1002.9	929.5	717.1	557.7	668.6

* Year 2022 estimated.

Kerosene and jet fuel production in OAPEC Members, 2022
 (Thousand b/day)



Kerosene and jet fuel production in OAPEC Members, 2018-2022
 (Thousand b/day)

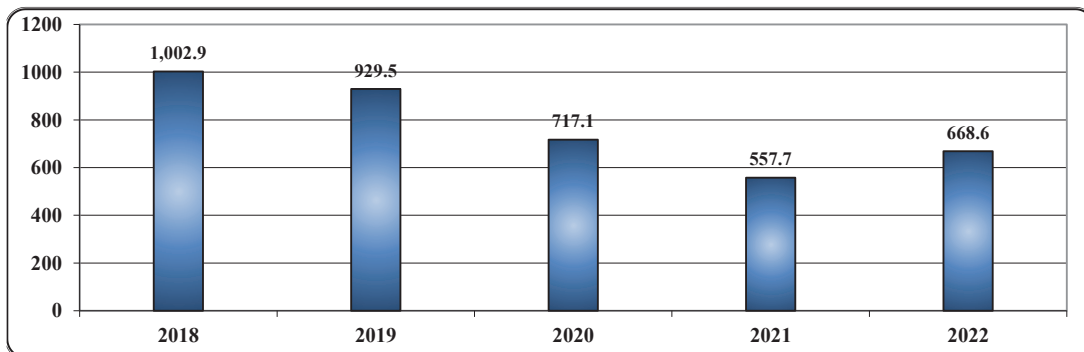
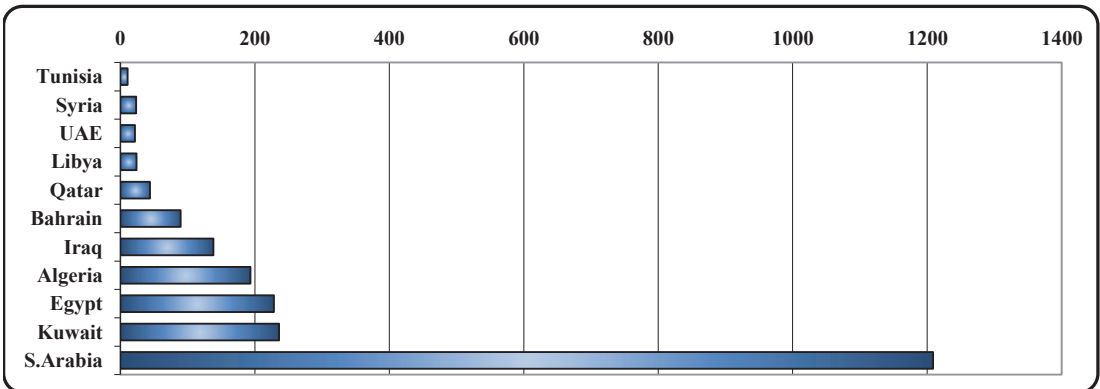


Table No. (21)
Production of gas oil and diesel in OAPEC Members, 2018-2022
(Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	201.8	190.0	187.7	192.8	193.5
Bahrain	80.9	83.4	78.0	87.9	89.6
Egypt	148.2	166.8	210.1	198.4	228.4
Iraq	113.2	122.9	105.7	120.0	138.4
Kuwait	190.9	168.1	180.7	190.0	235.9
Libya*	14.0	10.0	11.0	19.0	24.0
Qatar	49.9	54.8	63.0	60.5	44.0
S.Arabia	1073.4	1056.9	983.2	1114.3	1208.8
Syria*	34.8	34.8	34.8	27.1	23.4
Tunisia*	7.4	7.4	7.6	11.9	10.7
UAE*	227.7	248.3	193.8	26.7	21.7
OAPEC	2142.0	2143.2	2055.6	2048.6	2218.4

* Year 2022 estimated.

Production of gas oil and diesel in OAPEC Members, 2022
(Thousand b/day)



Production of gas oil and diesel in OAPEC Members, 2018-2022
(Thousand b/day)

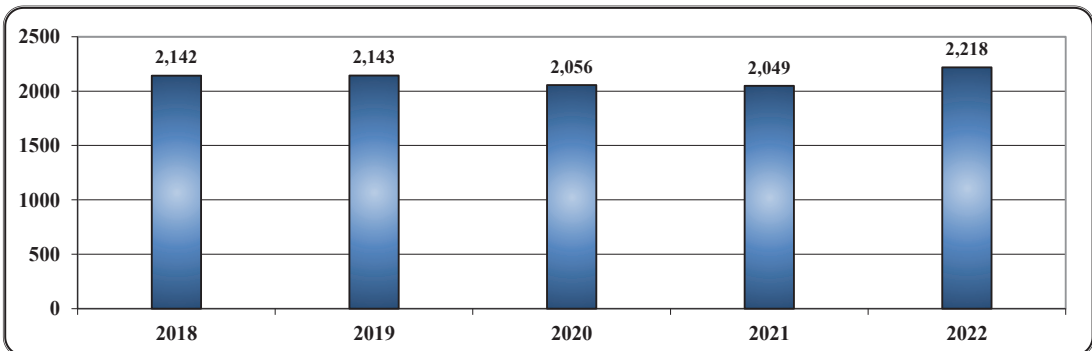
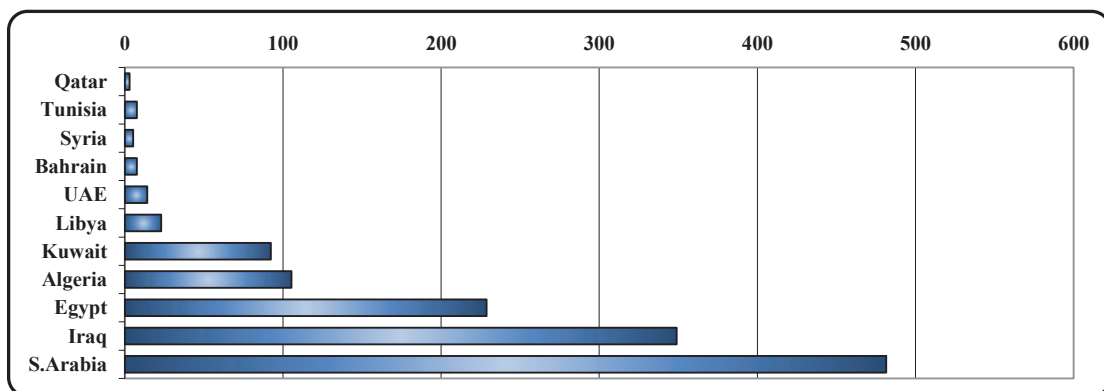


Table No. (22)
Fuel oil production in OAPEC Members, 2018-2022
 (Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	105.6	107.3	107.1	100.2	105.4
Bahrain	47.1	48.3	35.2	40.8	50.3
Egypt	172.0	198.0	227.2	212.0	228.8
Iraq	301.5	314.5	264.0	310.7	349.0
Kuwait	116.2	146.8	73.0	90.5	92.4
Libya*	15.0	10.0	11.0	18.0	23.0
Qatar	2.7	3.2	1.0	0.2	3.0
S.Arabia	455.4	423.7	344.3	422.4	481.5
Syria*	42.0	42.0	42.0	2.2	5.3
Tunisia*	6.1	9.6	7.1	9.2	7.6
UAE*	52.3	121.4	118.6	91.2	14.2
OAPEC	1316.0	1424.8	1230.5	1297.3	1360.3

* Year 2022 estimated.

Fuel oil production in OAPEC Members, 2022
 (Thousand b/day)



Fuel oil production in OAPEC Members, 2018-2022
 (Thousand b/day)

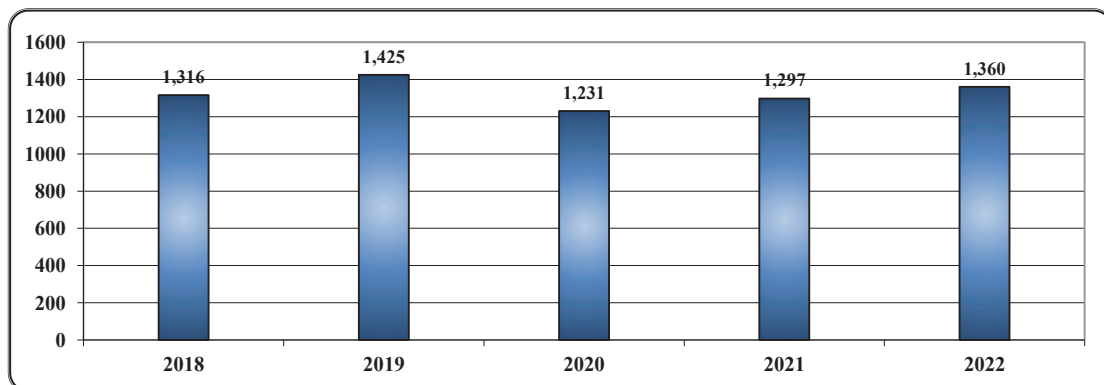


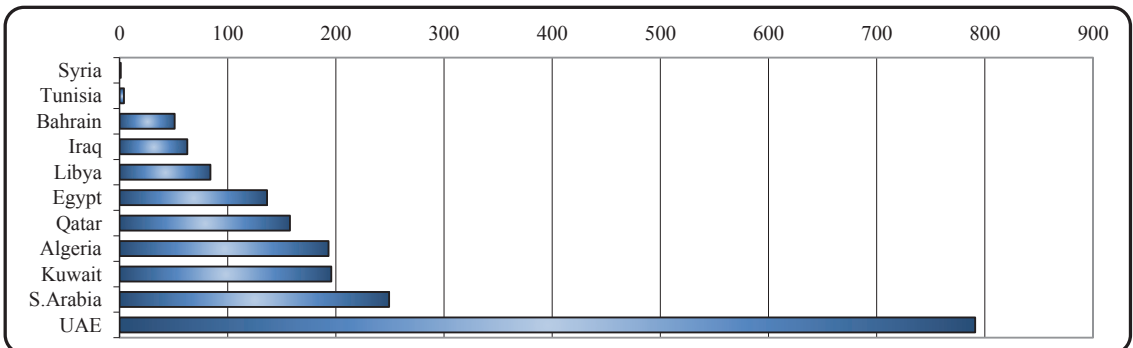
Table No. (23)
Production of other oil products in OAPEC Members , 2018-2022**
(Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	185.8	177.5	177.4	183.2	193.2
Bahrain	57.0	56.4	52.5	52.8	51.0
Egypt	99.9	113.1	121.8	134.8	136.4
Iraq	38.2	48.3	51.9	66.0	62.6
Kuwait	170.4	180.2	183.0	167.2	195.8
Libya*	54.0	49.0	51.0	75.0	84.0
Qatar	158.6	145.1	126.3	134.5	157.5
S.Arabia	434.3	299.3	226.1	302.0	249.2
Syria*	18.8	18.8	18.8	1.8	1.1
Tunisia*	4.9	1.1	3.9	5.2	4.1
UAE*	337.8	382.6	272.2	818.4	791.1
OAPEC	1559.6	1471.6	1284.9	1940.9	1925.9

* Year 2022 estimated.

** Include asphalt, lubricants, naphtha from refineries, naphtha from outside refineries and others.

Production of other oil products in OAPEC Members, 2022
(Thousand b/day)



Production of other oil products in OAPEC Members, 2018-2022
(Thousand b/day)

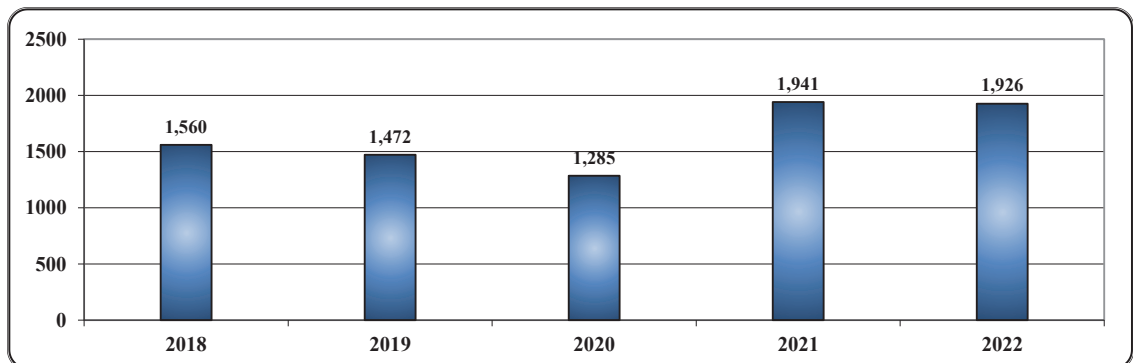
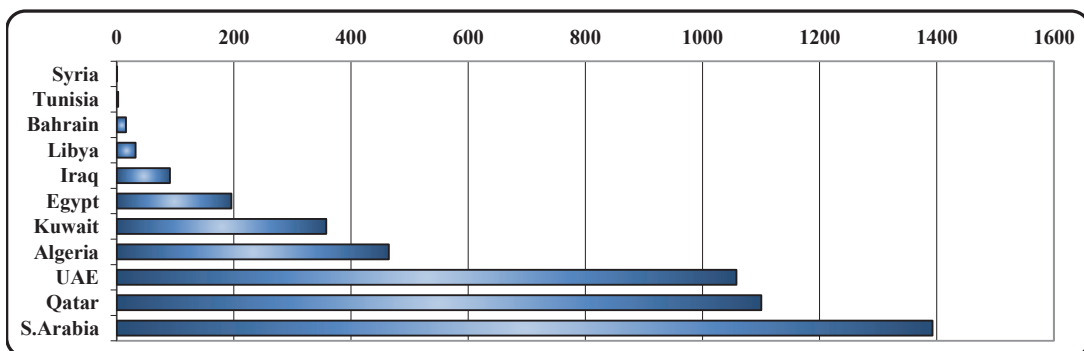


Table No. (24)
Production of gas liquids from natural gas processing units in OAPEC Members, 2018 - 2022
 (Thousand b/day)

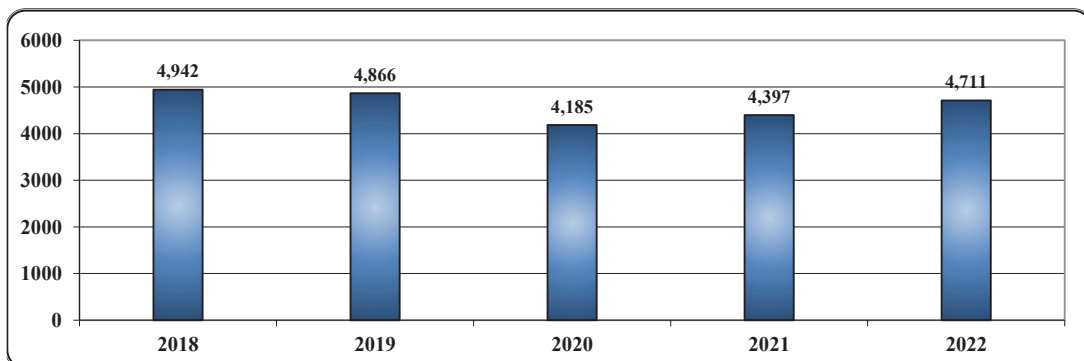
	2018	2019	2020	2021	2022
Algeria	470.2	447.7	419.7	443.5	464.5
Bahrain	11.0	18.6	18.1	14.8	15.8
Egypt	201.9	193.9	174.6	185.3	195.7
Iraq	131.4	151.0	65.8	86.2	90.8
Kuwait	377.0	348.2	335.4	352.7	357.7
Libya	21.2	27.1	15.3	39.6	32.2
Qatar	1165.3	1136.5	1088.8	1114.7	1100.5
S.Arabia	1728.0	1687.3	1203.3	1200.0	1392.8
Syria	0.3	0.5	0.6	0.5	0.6
Tunisia	3.9	3.1	3.0	2.4	2.4
UAE	832.0	852.0	860.1	957.3	1058.0
OAPEC	4942.2	4865.9	4184.6	4397.1	4711.0

* Year 2022 estimated.

Production of gas liquids from natural gas processing units in OAPEC Members, 2022
 (Thousand b/day)



Production of gas liquids from natural gas processing units in OAPEC Members, 2018 - 2022
 (Thousand b/day)





III
Part

**Consumption of
Oil and Energy**

Annual Statistical Report

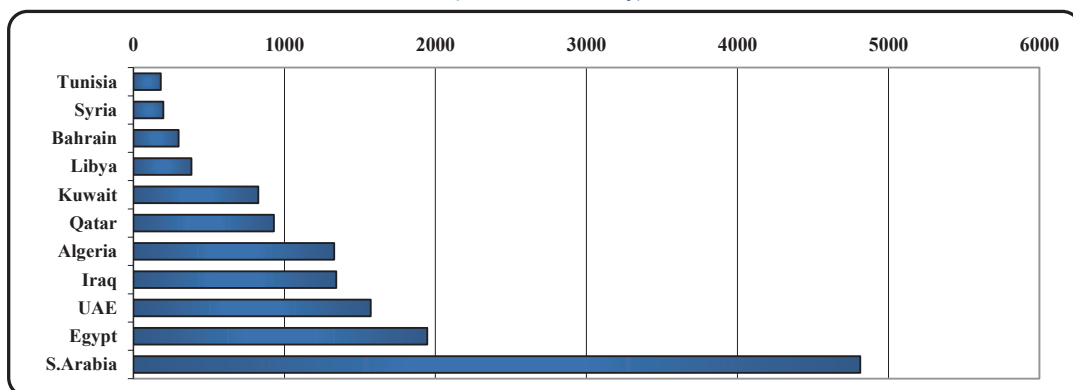
2023

Table No. (25)
Total energy consumption in OAPEC Members, 2018-2022
(Thousand boe/day)

	2018	2019	2020	2021	2022
Algeria	1229.2	1269.7	1174.4	1280.4	1329.6
Bahrain	301.1	329.8	327.6	317.4	299.3
Egypt	1905.8	1840.8	1729.5	1873.2	1945.9
Iraq	1165.5	1362.3	1104.6	1185.3	1343.3
Kuwait	688.9	685.0	664.1	720.1	827.0
Libya*	503.9	571.9	476.5	375.5	384.4
Qatar	899.0	846.1	890.1	856.0	930.4
S. Arabia	4679.3	4599.0	4232.2	4544.4	4813.4
Syria*	230.4	204.9	182.1	199.8	198.1
Tunisia*	202.8	204.4	191.5	199.6	181.3
UAE*	1500.6	1497.0	1507.1	1521.9	1571.6
OAPEC	13306.5	13410.9	12479.8	13073.7	13824.4

* Year 2022 estimated.

Total energy consumption in OAPEC Members, 2022
(Thousand boe/day)



Total energy consumption in OAPEC Members, 2018-2022
(Thousand boe/day)

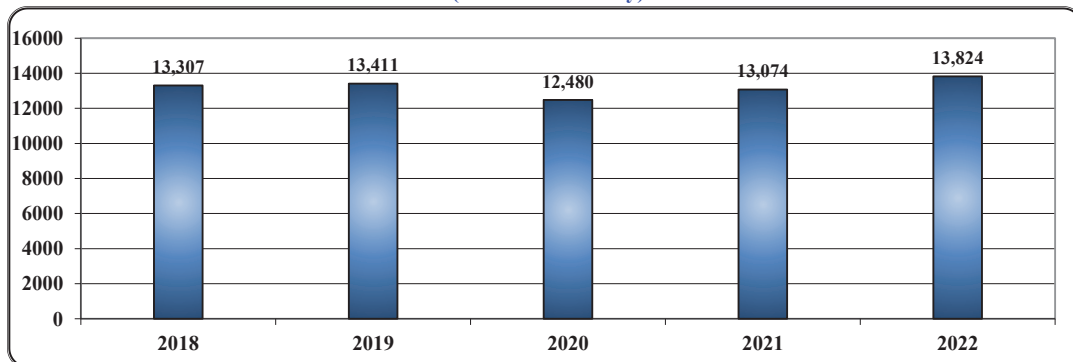


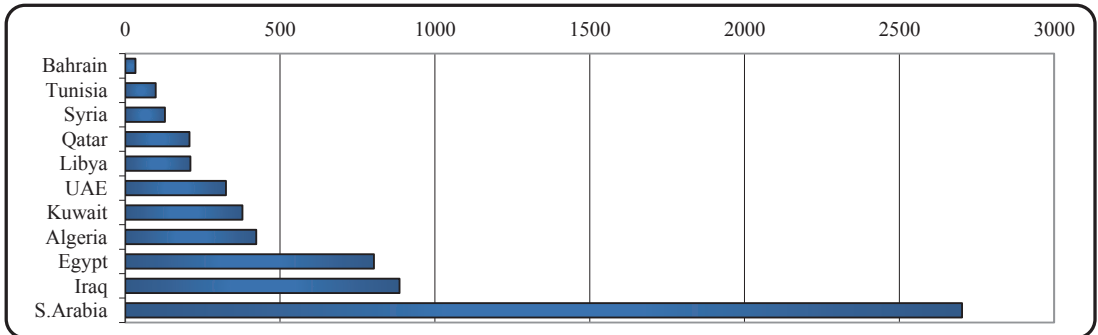
Table No. (26)
Oil consumption in OAPEC Members, 2018-2022**
(Thousand boe/day)

	2018	2019	2020	2021	2022
Algeria	428.5	447.7	391.7	413.5	423.1
Bahrain	35.0	34.3	30.2	30.3	33.0
Egypt	743.9	697.0	626.9	686.5	803.2
Iraq	897.3	919.7	650.0	775.8	885.8
Kuwait	369.2	363.4	343.6	373.5	378.5
Libya*	234.1	232.1	199.7	204.2	210.5
Qatar	192.6	163.9	192.7	188.0	207.5
S.Arabia	2644.1	2482.4	2179.9	2474.9	2702.4
Syria*	163.6	140.5	127.9	117.4	128.2
Tunisia*	103.6	104.8	97.1	90.6	98.4
UAE*	350.2	313.7	282.0	311.3	325.3
OAPEC	6161.9	5899.3	5121.8	5665.9	6195.9

* Year 2022 estimated.

** Some countries consume crude oil in water desalination plants and electrical power production plants,
Oil consumption doesn't include international air and marine bunkers as well as direct crude burning.

Oil consumption in OAPEC Members, 2022
(Thousand boe/day)



Oil consumption in OAPEC Members, 2018-2022
(Thousand boe/day)

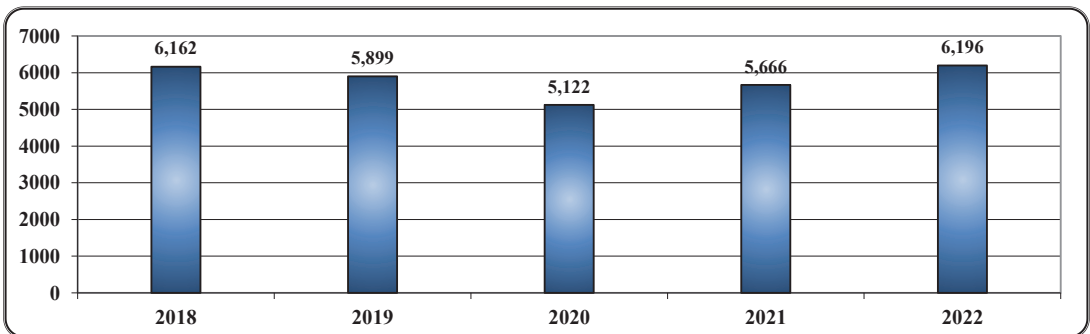
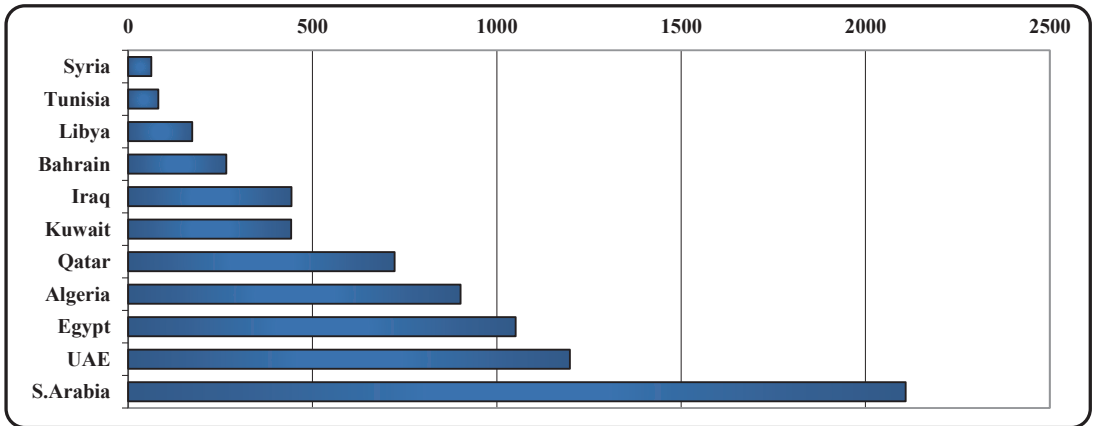


Table No. (27)
Natural gas consumption in OAPEC Members, 2018-2022
(Thousand boe/day)

	2018	2019	2020	2021	2022
Algeria	790.4	813.5	777.8	862.1	901.7
Bahrain	266.1	295.5	297.4	287.1	266.3
Egypt	1061.3	1046.8	1030.7	1095.6	1051.2
Iraq	258.5	418.6	435.5	395.1	443.1
Kuwait	315.8	318.1	313.9	340.4	442.2
Libya*	269.9	339.8	276.8	171.3	173.9
Qatar	706.5	682.2	697.4	668.0	722.9
S.Arabia	2033.3	2114.6	2050.5	2067.7	2109.1
Syria*	59.8	57.3	47.2	75.4	62.9
Tunisia*	98.2	98.6	93.4	107.9	81.9
UAE*	1111.9	1143.6	1187.1	1175.1	1198.3
OAPEC	6971.8	7328.8	7207.7	7245.7	7453.7

* Year 2022 estimated.

Natural gas consumption in OAPEC Members, 2022
(Thousand boe/day)



Natural gas consumption in OAPEC Members, 2018-2022
(Thousand boe/day)

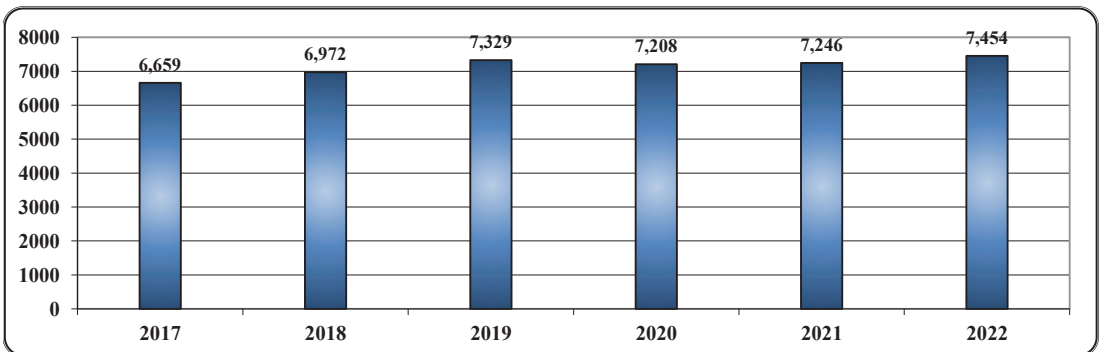
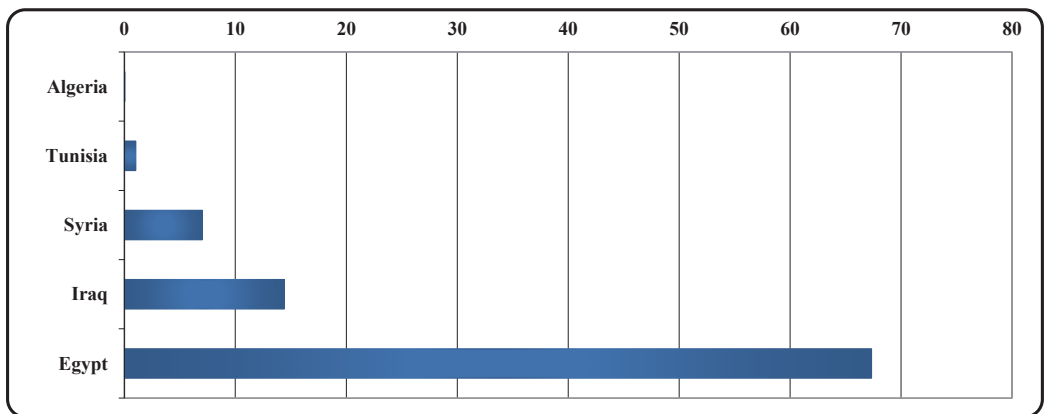


Table No. (28)
Hydro- Electricity consumption in OAPEC Members, 2018-2022
(Thousand boe/day)

	2018	2019	2020	2021	2022
Algeria	0.2	0.3	0.1	0.0	0.0
Egypt	57.4	58.6	57.6	67.2	67.3
Iraq*	9.6	24.0	19.2	14.4	14.4
Syria*	7.0	7.0	7.0	7.0	7.0
Tunisia*	1.0	1.0	1.0	1.0	1.0
OAPEC	75.2	90.8	84.8	89.6	89.7

* Year 2022 estimated.

Hydro- Electricity consumption in OAPEC Members, 2022
(Thousand boe/day)



Hydro- Electricity consumption in OAPEC Members, 2018-2022
(Thousand boe/day)

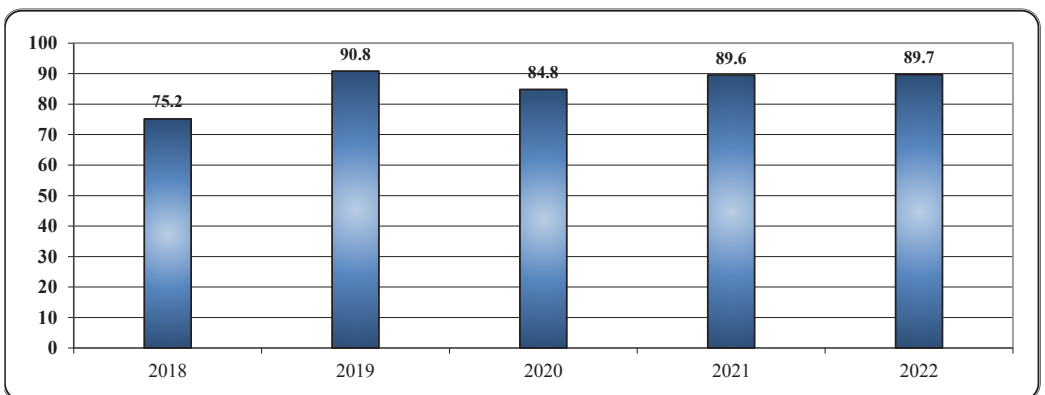
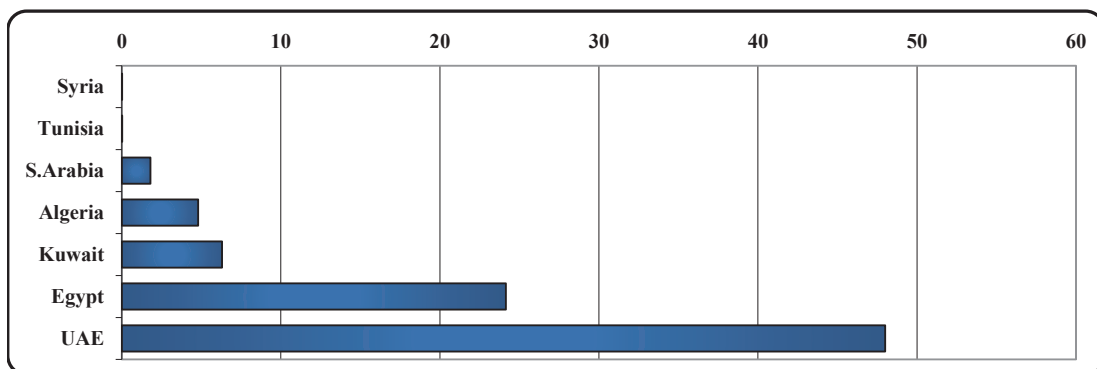


Table No. (29)
Coal consumption in OAPEC Members, 2018-2022
(Thousand boe/day)

	2018	2019	2020	2021	2022
Algeria	10.04	8.30	4.80	4.80	4.80
Egypt	43.24	38.37	14.39	23.98	24.15
Kuwait	3.85	3.50	6.50	6.30	6.30
S.Arabia	1.90	2.00	1.80	1.80	1.80
Syria*	0.02	0.02	0.02	0.02	0.02
Tunisia*	0.02	0.02	0.02	0.02	0.02
UAE*	38.60	39.70	38.00	35.50	48.00
OAPEC	97.67	91.91	65.53	72.42	85.09

* Year 2022 estimated.

Coal consumption in OAPEC Members, 2022
(Thousand boe/day)



Coal consumption in OAPEC Members, 2018-2022
(Thousand boe/day)

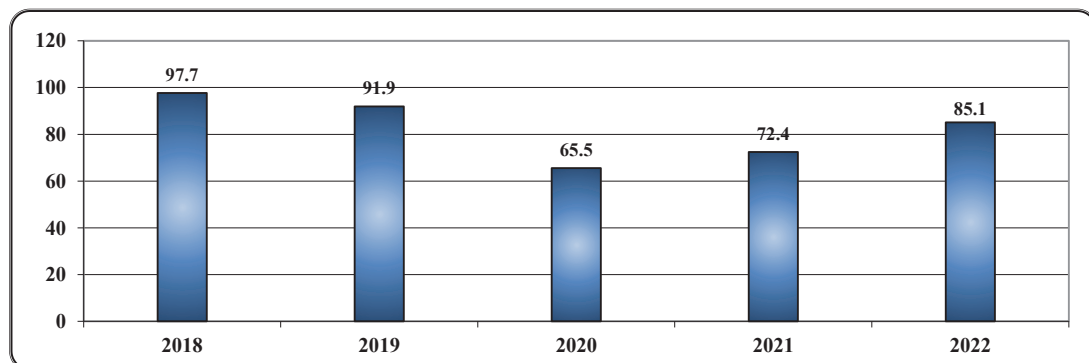


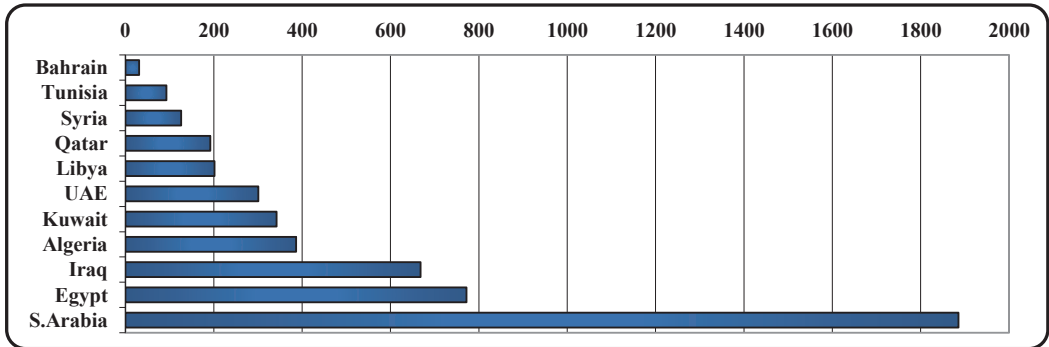
Table No. (30)
Total consumption of oil products in OAPEC Members, 2018-2022**
(Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	391.9	404.5	358.0	378.4	386.3
Bahrain	31.3	30.5	27.0	28.5	31.0
Egypt	711.8	664.2	594.8	652.4	771.9
Iraq	685.8	679.5	491.1	587.0	668.0
Kuwait	347.6	343.9	264.5	332.0	342.1
Libya*	225.3	222.9	191.1	195.6	201.6
Qatar	177.7	149.8	145.7	159.3	192.1
S.Arabia	1833.5	1844.0	1716.9	1727.6	1885.5
Syria*	160.7	137.9	125.5	115.1	126.1
Tunisia*	98.9	100.1	92.8	85.4	92.8
UAE*	318.2	289.4	260.0	287.6	300.8
OAPEC	4982.5	4866.7	4267.4	4548.8	4998.2

* Year 2022 estimated.

** Consumption exclude the following : marine bunkers , refinery fuel and loss.

Total consumption of oil products in OAPEC Members, 2022
(Thousand b/day)



Total consumption of oil products in OAPEC Members, 2018-2022
(Thousand b/day)

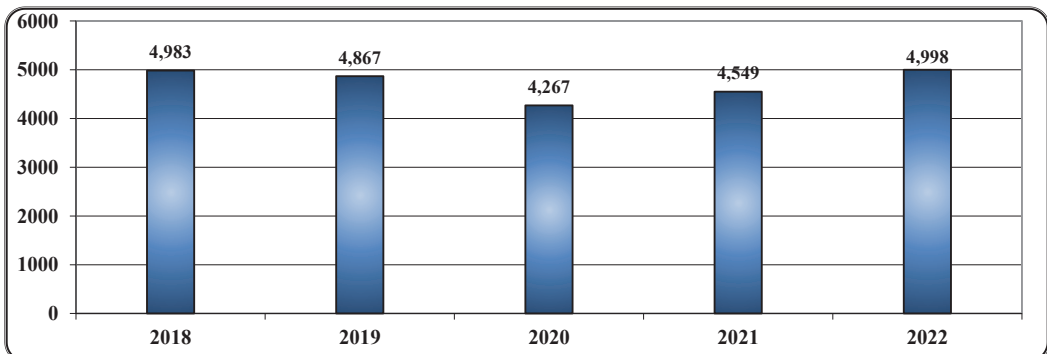
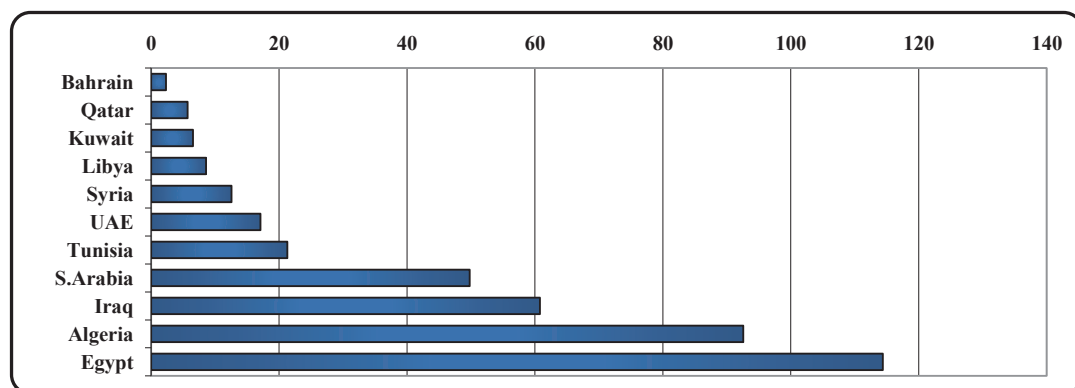


Table No. (31)
LPG consumption in OAPEC Members, 2018-2022
 (Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	71.0	76.8	77.2	85.4	92.6
Bahrain	2.3	2.3	2.2	2.2	2.3
Egypt	126.3	120.3	118.3	117.1	114.4
Iraq	55.4	57.9	56.2	56.6	60.8
Kuwait	6.5	6.8	6.3	6.2	6.5
Libya*	9.3	8.9	8.1	8.6	8.6
Qatar	4.9	5.1	5.0	4.5	5.7
S.Arabia	46.9	45.8	46.3	46.7	49.8
Syria*	16.0	13.8	12.6	11.7	12.6
Tunisia*	18.4	19.3	19.1	19.6	21.3
UAE*	16.6	16.3	14.8	16.3	17.1
OAPEC	373.7	373.2	365.9	374.9	391.6

* Year 2022 estimated.

LPG consumption in OAPEC Members, 2022
 (Thousand b/day)



LPG consumption in OAPEC Members, 2018-2022
 (Thousand b/day)

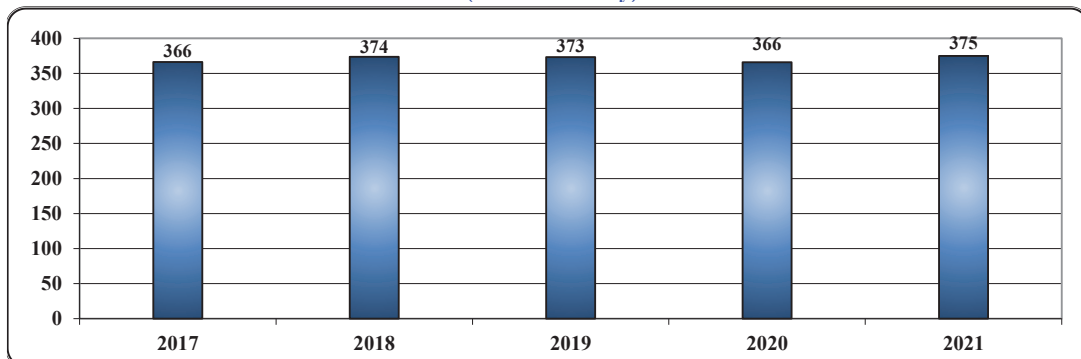
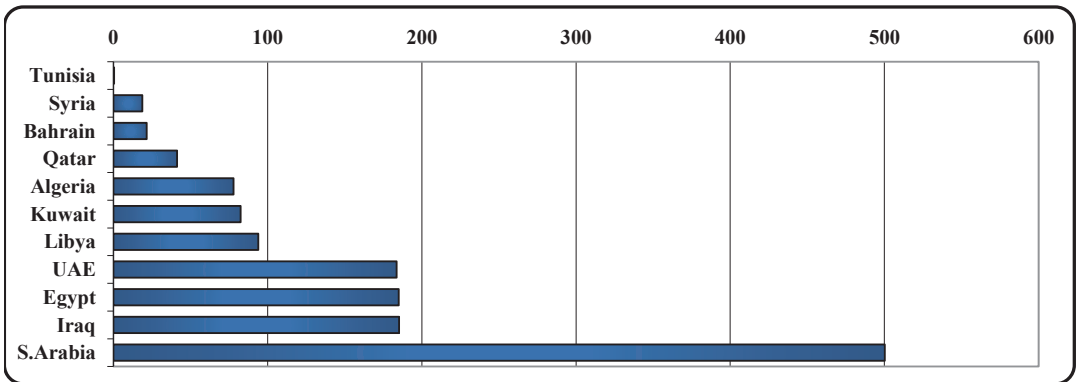


Table No. (32)
Gasoline consumption in OAPEC Members, 2018-2022
(Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	91.6	91.2	78.1	79.7	77.9
Bahrain	19.7	20.1	17.1	19.1	21.6
Egypt	167.0	167.1	155.2	177.7	185.0
Iraq	140.1	146.4	119.1	159.8	185.2
Kuwait	78.0	79.2	61.4	75.1	82.5
Libya*	81.0	83.0	91.0	91.0	93.9
Qatar	39.3	43.6	40.3	43.9	41.3
S.Arabia	561.0	550.3	455.3	480.1	500.3
Syria*	23.8	20.6	18.8	17.4	18.7
Tunisia*	0.7	0.4	0.4	0.4	0.4
UAE*	224.3	192.2	158.7	175.6	183.7
OAPEC	1426.5	1393.9	1195.4	1319.8	1390.4

* Year 2022 estimated.

Gasoline consumption in OAPEC Members, 2022
(Thousand b/day)



LPG consumption in OAPEC Members, 2018-2022
(Thousand b/day)

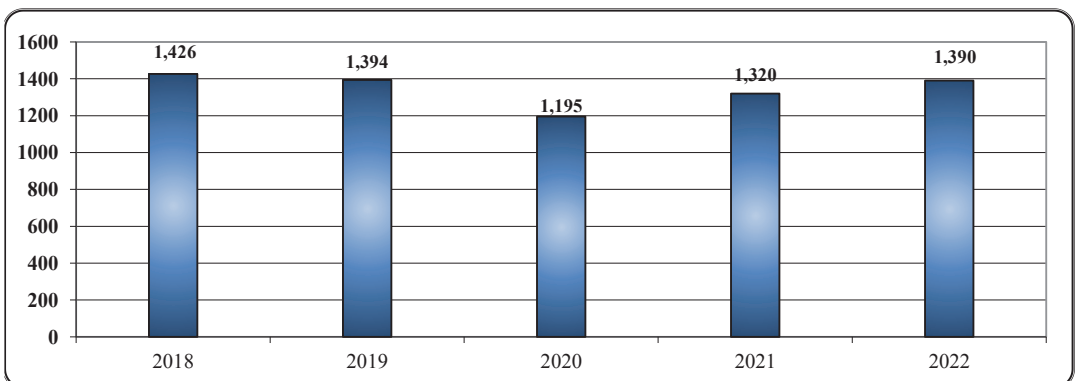
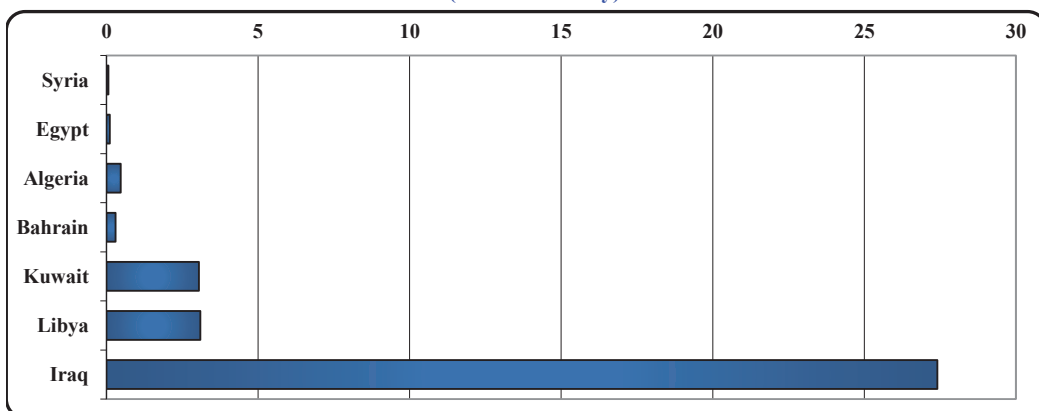


Table No. (33)
Kerosene consumption in OAPEC Members, 2018-2022
 (Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	0.4	0.3	0.5	0.2	0.5
Bahrain	0.4	0.3	0.3	0.3	0.3
Egypt	0.1	0.2	0.1	0.2	0.1
Iraq	30.8	30.8	31.2	30.9	27.4
Kuwait	2.8	2.9	1.9	2.7	3.1
Libya*	5.0	4.0	3.0	3.0	3.1
Syria*	0.1	0.1	0.1	0.1	0.1
Tunisia*					
OAPEC	39.5	38.6	37.0	37.3	34.5

* Year 2022 estimated.

Kerosene consumption in OAPEC Members, 2022
 (Thousand b/day)



Kerosene consumption in OAPEC Members, 2018-2022
 (Thousand b/day)

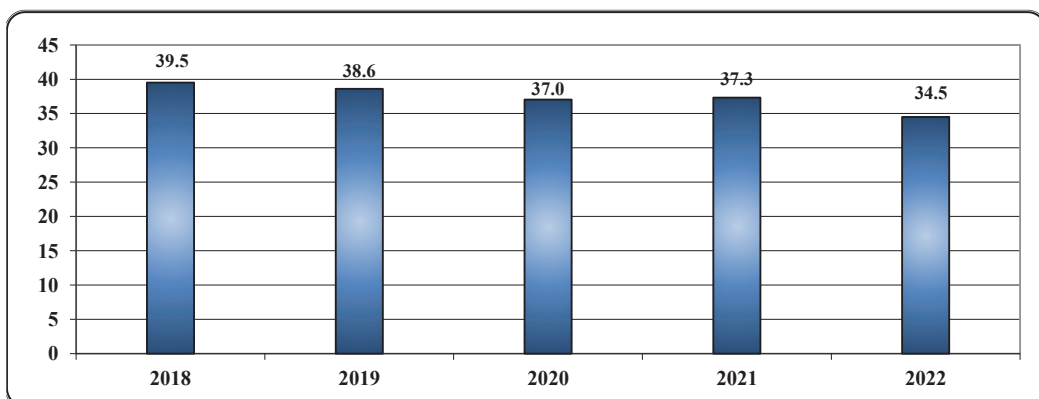
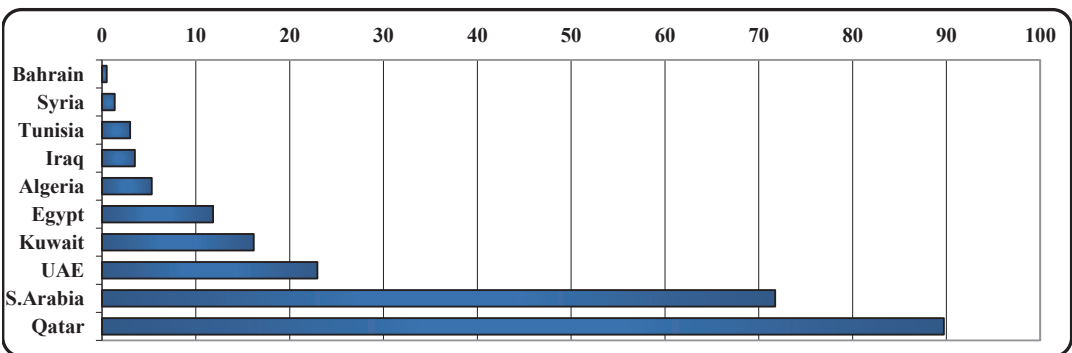


Table No. (34)
Jet fuel consumption in OAPEC Members, 2018-2022
(Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	12.3	10.1	4.3	5.0	5.3
Bahrain	0.8	0.7	0.6	0.5	0.5
Egypt	11.3	12.2	7.7	9.1	11.8
Iraq	4.7	4.9	2.3	3.0	3.5
Kuwait	19.1	19.6	8.9	9.2	16.2
Libya					
Qatar	90.6	58.1	60.4	69.1	89.7
S.Arabia	104.0	103.2	43.7	47.4	71.8
Syria*	1.8	1.4	1.3	1.1	1.4
Tunisia*	6.1	6.5	2.2	2.8	3.0
UAE*	10.3	10.7	19.8	21.9	23.0
OAPEC	261.1	227.4	151.2	169.0	226.1

* Year 2022 estimated.

Jet fuel consumption in OAPEC Members, 2022
(Thousand b/day)



Jet fuel consumption in OAPEC Members, 2017-2021
(Thousand b/day)

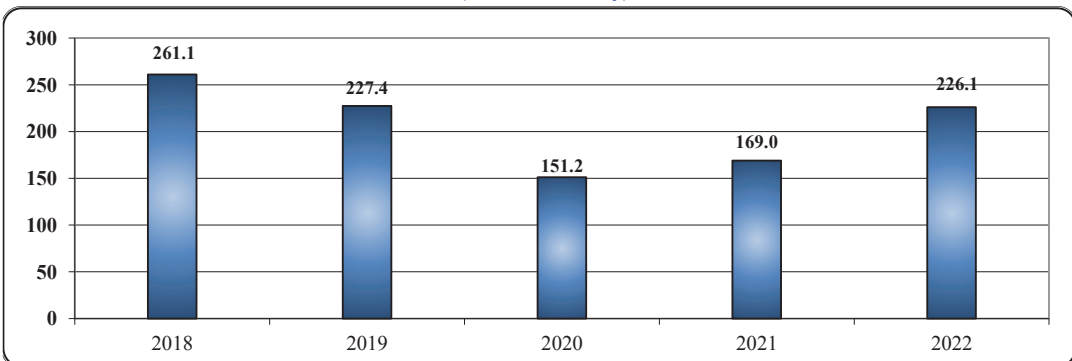
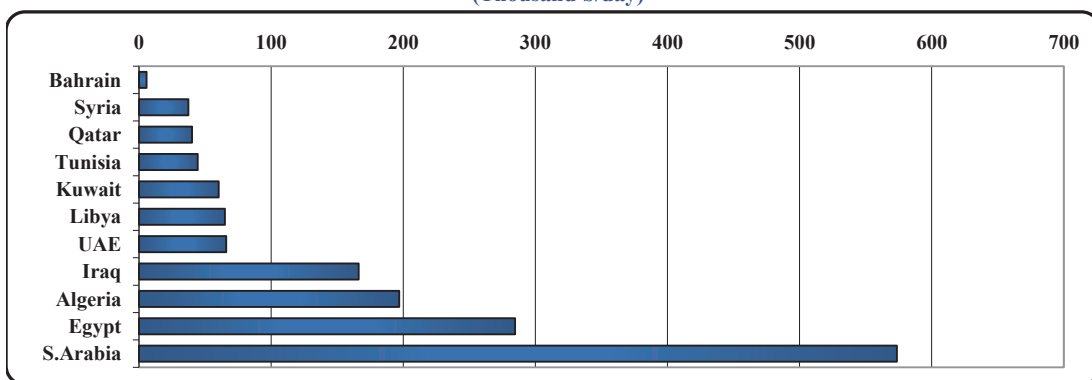


Table No. (35)
Gasoil and Diesel consumption in OAPEC Members, 2018-2022
(Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	205.0	207.9	182.3	192.2	197.0
Bahrain	7.2	6.4	6.1	5.8	5.7
Egypt	263.3	259.8	240.0	266.5	284.7
Iraq	139.7	151.8	130.6	143.4	166.3
Qatar	42.9	43.0	40.1	41.8	40.1
Kuwait	49.0	55.5	48.4	55.8	60.3
Libya*	92.0	94.0	61.0	63.0	65.0
S.Arabia	521.6	527.0	491.7	503.1	573.7
Syria*	51.3	45.5	41.4	39.7	37.4
Tunisia*	41.7	39.8	37.8	40.9	44.4
UAE*	61.2	60.9	57.1	63.1	66.0
OAPEC	1474.9	1491.5	1336.2	1415.3	1540.7

* Year 2022 estimated.

Gasoil and Diesel consumption in OAPEC Members, 2022
(Thousand b/day)



Gasoil and Diesel consumption in OAPEC Members, 2018-2022
(Thousand b/day)

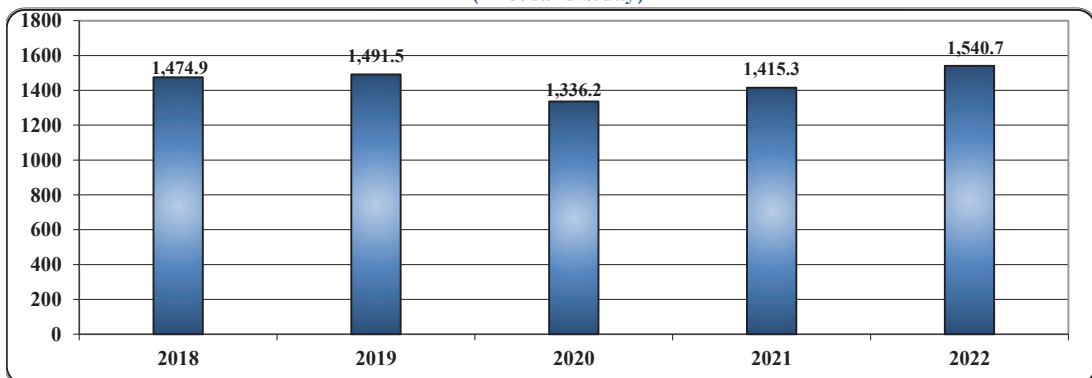
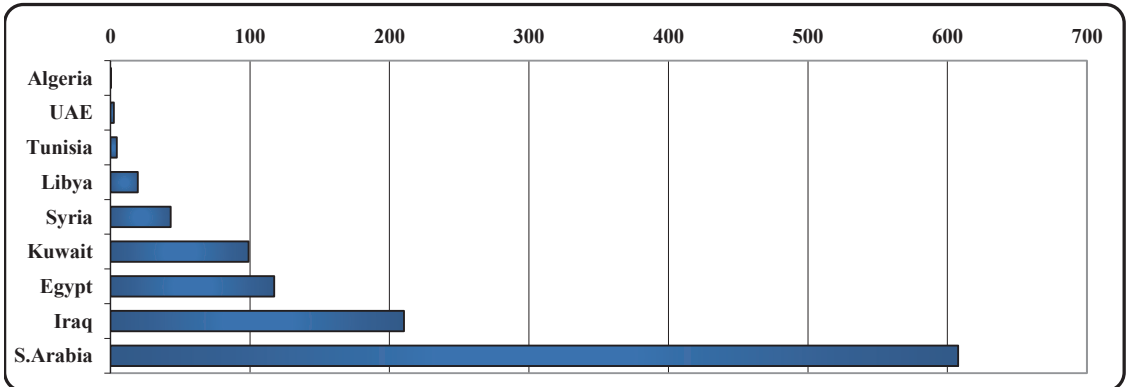


Table No. (36)
Fuel oil consumption in OAPEC Members, 2018-2022
(Thousand b/day)

	2018	2019	2020	2021	2022
Algeria		0.2	0.2	0.2	0.2
Bahrain					
Egypt	105.7	67.7	29.1	33.7	117.4
Iraq	288.6	259.6	141.3	179.8	210.4
Kuwait	114.4	103.1	59.9	103.0	99.0
Libya*	27.0	22.0	18.0	19.0	19.6
Qatar					15.3
S. Arabia	501.8	539.8	599.4	567.4	607.7
Syria*	54.8	47.3	43.0	39.8	43.2
Tunisia*	5.4	4.5	4.2	4.2	4.6
UAE*	1.2	2.7	2.1	2.3	2.4
OAPEC	1098.8	1046.8	897.4	949.5	1119.9

* Year 2022 estimated.

Fuel oil consumption in OAPEC Members, 2022
(Thousand b/day)



Fuel oil consumption in OAPEC Members, 2018-2022
(Thousand b/day)

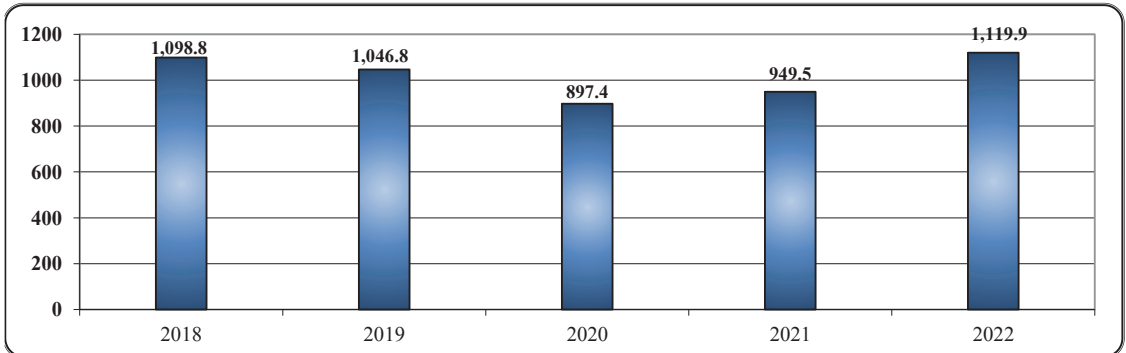


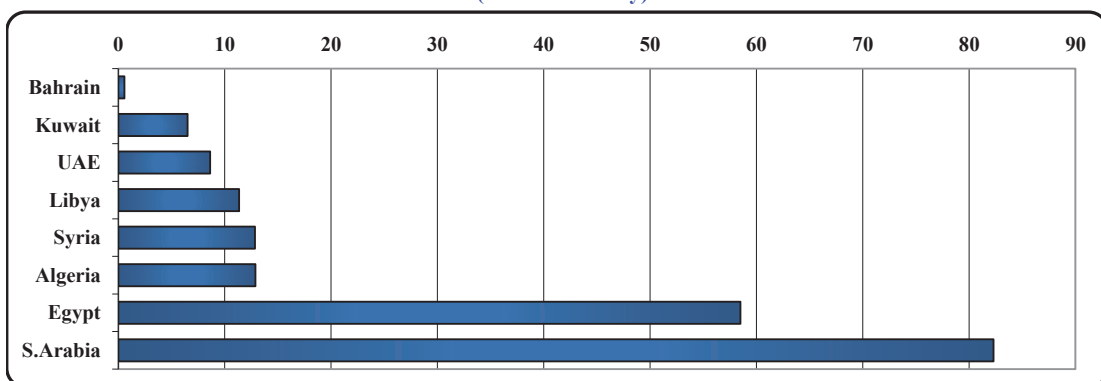
Table No. (37)
Other oil products consumption in OAPEC Members, 2018-2022 **
 (Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	11.5	18.0	15.5	15.6	12.9
Bahrain	1.0	0.8	0.7	0.6	0.6
Egypt	38.0	36.9	44.4	48.1	58.5
Iraq	26.4	7.2	5.4	8.0	12.9
Kuwait	9.6	10.1	11.8	10.7	6.5
Libya	11.0	11.0	10.0	11.0	11.4
Qatar					
S.Arabia	73.9	75.5	79.7	80.4	82.3
Syria*	13.0	9.2	8.3	5.3	12.8
Tunisia*	11.0	13.1	12.8		
UAE*	4.5	6.6	7.5	8.3	8.6
OAPEC	199.9	188.5	196.0	187.9	206.5

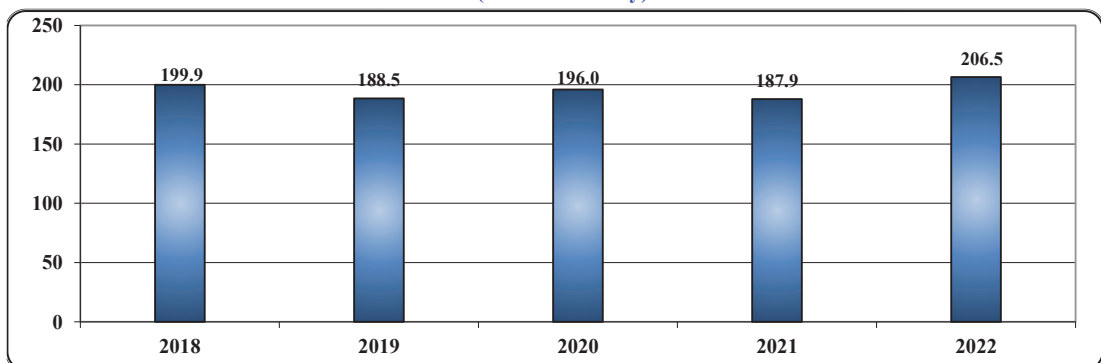
* Year 2022 estimated.

** Include asphalt, lubricants, naphtha and others.

Other oil products consumption in OAPEC Members, 2022
 (Thousand b/day)



Other oil products consumption in OAPEC Members, 2018-2022
 (Thousand b/day)





IV
Part

**Trade of Oil and
Natural Gas**

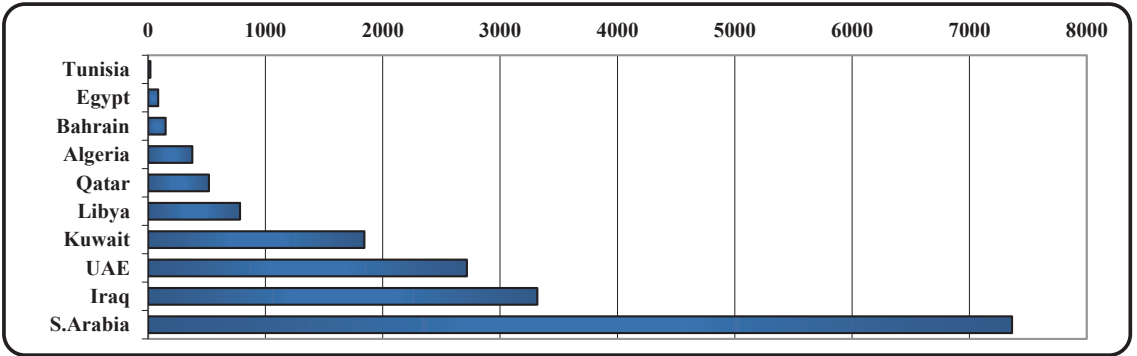
Annual Statistical Report

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Table No. (38)
OAPEC Members crude Oil exports , 2018-2022
(Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	435.3	445.2	335.2	343.9	376.8
Bahrain	154.3	153.5	149.3	149.4	149.4
Egypt	212.5	208.5	170.8	132.7	85.8
Iraq	3444.2	3524.6	3039.7	3018.0	3317.5
Kuwait	2050.0	1986.3	1898.2	1820.4	1843.3
Libya	859.6	880.7	308.8	949.9	783.4
Qatar	536.2	526.7	485.6	479.4	518.3
S.Arabia	7371.5	7038.1	6658.6	6227.4	7363.6
Tunisia	27.7	32.0	24.3	24.5	19.5
UAE	2296.5	2414.1	2417.7	2304.9	2717.1
OAPEC	17388.0	17209.8	15488.0	15450.6	17174.7

OAPEC Members crude Oil exports , 2022
(Thousand b/day)



OAPEC Members crude Oil exports , 2018-2022
(Thousand b/day)

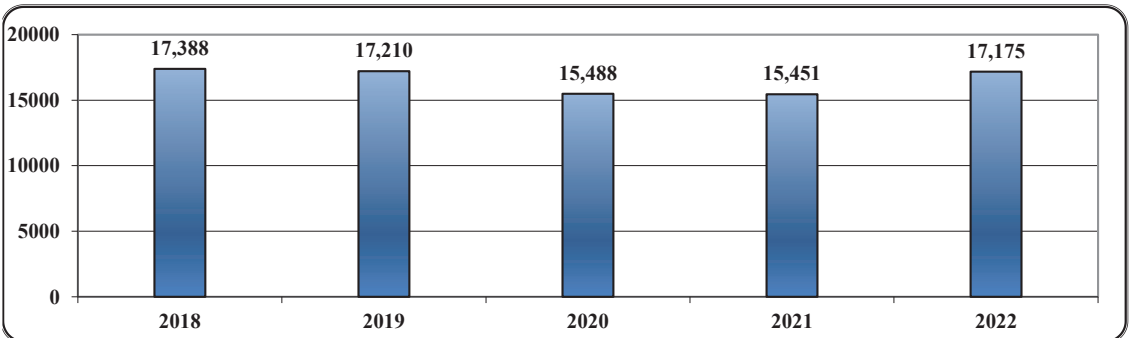
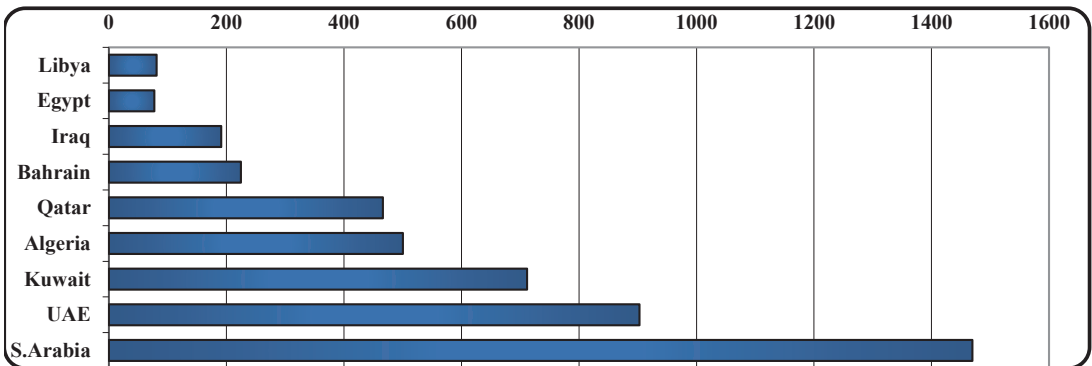


Table No. (39)
OAPEC Members Oil products exports, 2018-2022
(Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	517.3	494.0	489.8	481.5	500.3
Bahrain	233.5	239.5	209.9	214.2	224.7
Egypt	121.3	161.8	191.5	144.8	77.3
Iraq	62.0	109.8	165.3	196.0	191.2
Kuwait	584.9	636.9	527.0	666.1	711.7
Libya	92.8	103.4	68.6	89.1	81.2
Qatar	578.9	465.6	433.0	455.8	466.3
S.Arabia	1970.9	1234.7	1015.1	1343.0	1469.6
UAE	785.7	881.6	839.4	891.0	903.0
OAPEC	4947.3	4327.2	3939.5	4481.5	4625.3

OAPEC Members Oil products exports, 2022
(Thousand b/day)



OAPEC Members Oil products exports, 2018-2022
(Thousand b/day)

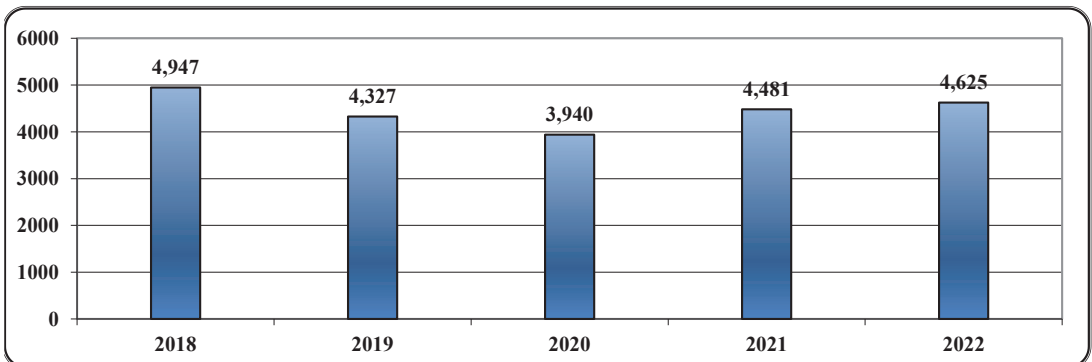
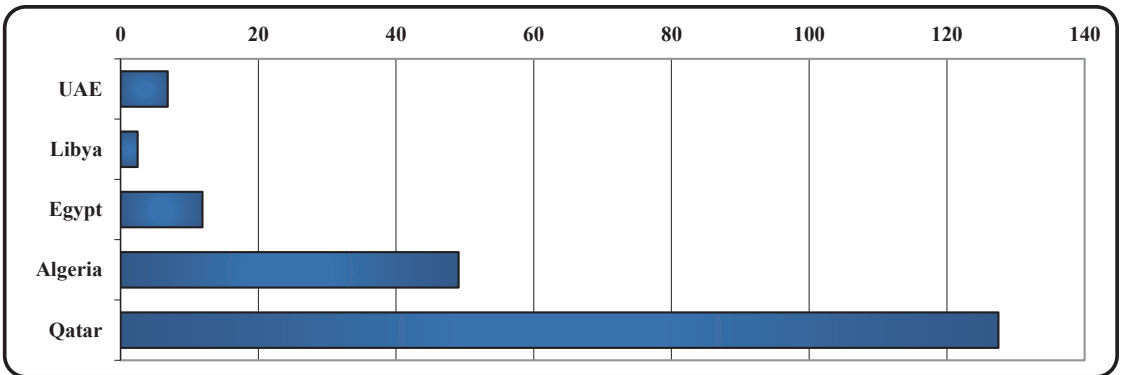


Table No. (40)
OAPEC Members total natural gas exports , 2018-2022
(Billion cubic meters)

	2018	2019	2020	2021	2022
Algeria	51.60	42.78	39.46	55.01	49.09
Egypt	2.59	6.72	2.93	11.32	11.90
Libya	5.63	7.11	4.87	3.07	2.48
Qatar	129.28	128.70	127.26	126.88	127.49
UAE	9.05	9.37	8.83	7.85	6.85
OAPEC	198.14	194.69	183.35	204.13	197.80

OAPEC Members total natural gas exports , 2022
(Billion cubic meters)



OAPEC Members total natural gas exports , 2018-2022
(Billion cubic meters)

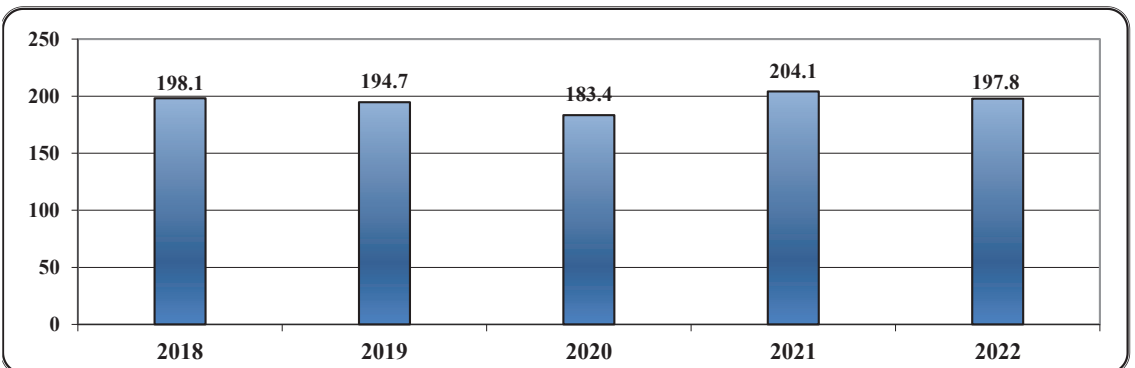
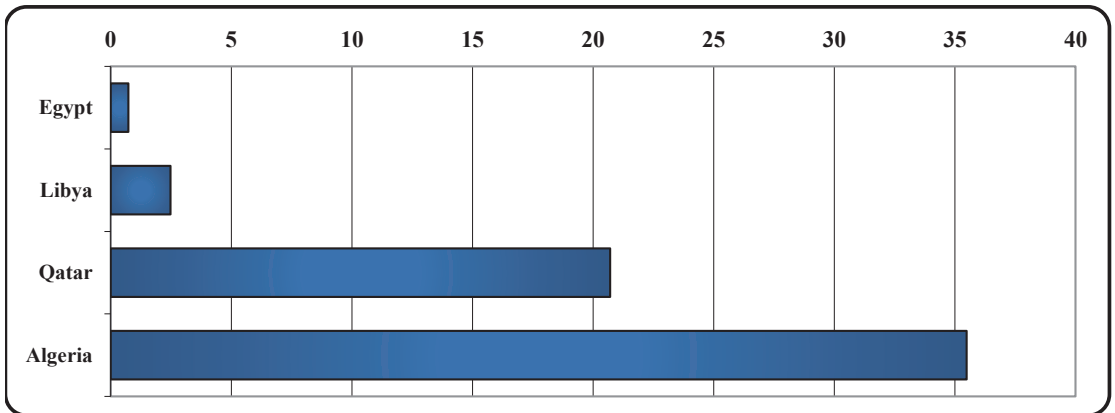


Table No. (41)
OAPEC Members natural gas exports through pipelines, 2018-2022
(Billion cubic meters)

	2018	2019	2020	2021	2022
Algeria	37.96	26.31	25.24	38.97	35.49
Egypt	0.41	1.84	0.40	0.57	0.73
Libya	5.63	7.11	4.87	3.07	2.48
Qatar	22.34	22.41	22.58	21.66	20.71
OAPEC	68.29	59.62	54.96	64.26	59.41

OAPEC Members natural gas exports through pipelines, 2022
(Billion cubic meters)



OAPEC Members natural gas exports through pipelines, 2018-2022
(Billion cubic meters)

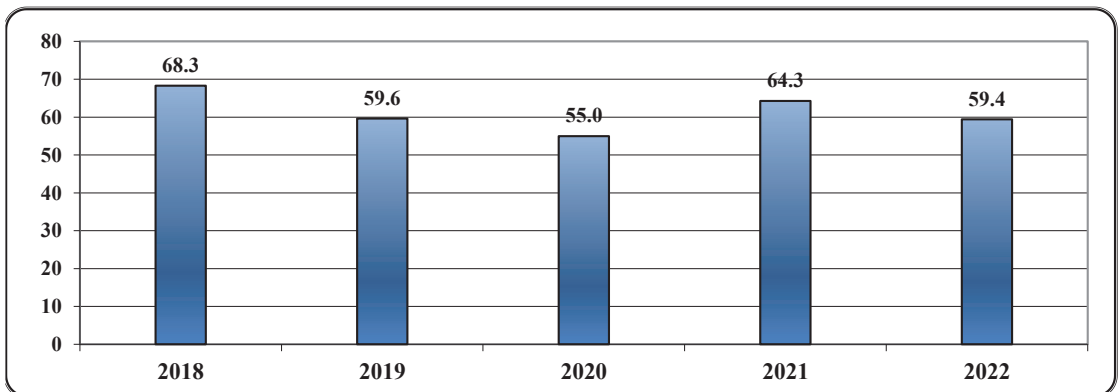
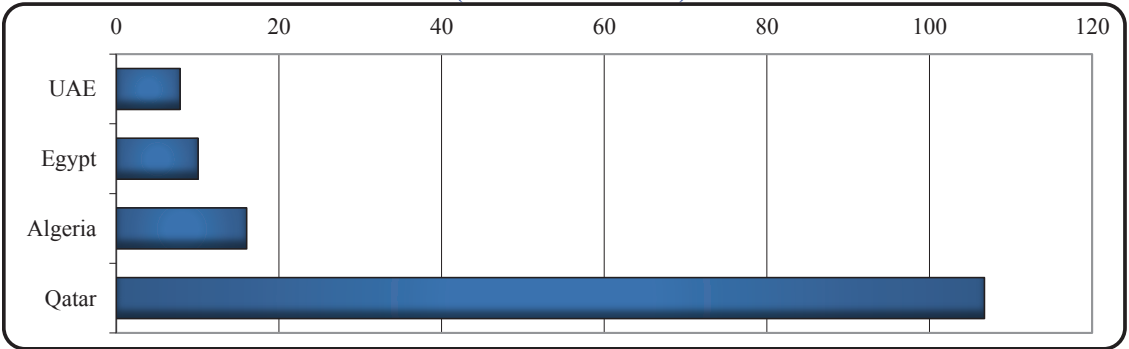


Table No. (42)
OAPEC Members natural gas exports by tankers, 2018-2022
(Billion cubic meters)

	2018	2019	2020	2021	2022
Algeria	13.64	16.47	14.22	16.04	13.61
Egypt	2.18	4.88	2.53	10.76	11.16
Qatar	106.94	106.29	104.68	105.22	106.78
UAE	7.09	7.42	6.96	7.85	6.85
OAPEC	129.85	135.07	128.39	139.86	138.40

OAPEC Members natural gas exports by tankers, 2022
(Billion cubic meters)



OAPEC Members natural gas exports by tankers, 2018-2022
(Billion cubic meters)

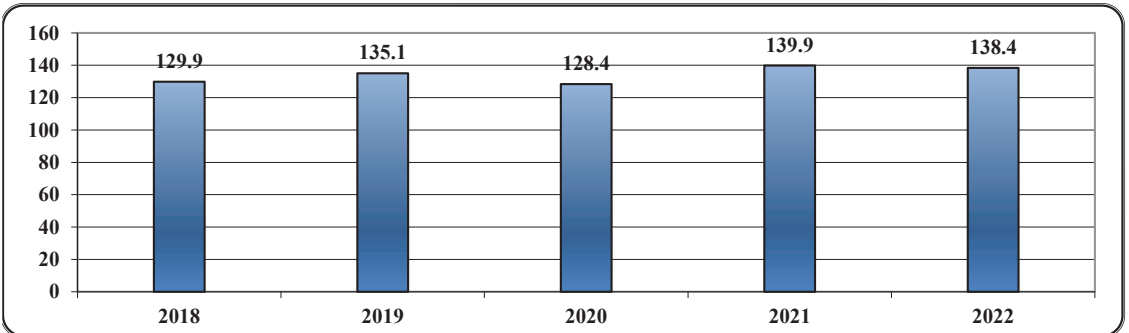


Table No. (43)
 يحتاج تعديل
 Natural Gas Trade - 2022
 Billion cubic meters

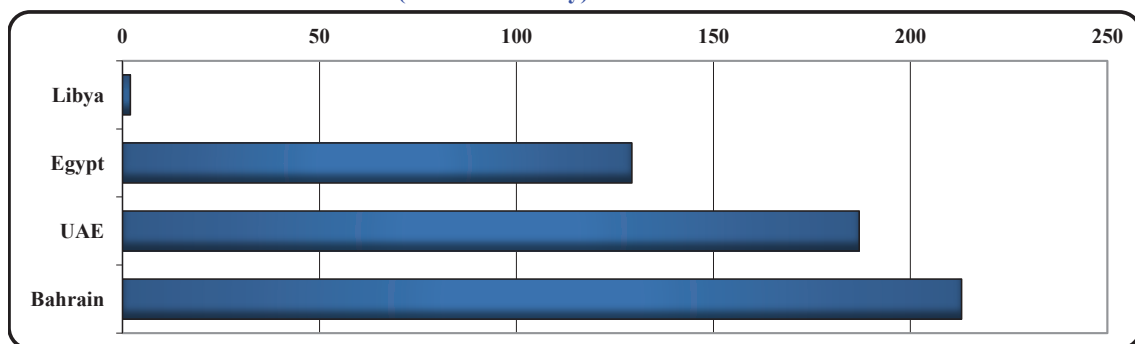
From	To	Algeria		Egypt		Libya		Qatar		UAE		OPEC	
		Tankers	Pipeline	Tankers	Pipeline	Tankers	Pipeline	Tankers	Pipeline	Tankers	Pipeline	Tankers	Pipeline
North America		-	-	-	-	-	-	-	-	-	-	-	-
S. & Cent. America		91	-	234	-	-	-	100	-	-	-	425	-
Argentina		91	-	234	-	-	-	100	-	-	-	425	-
Europe		12469	32763	7297	-	2480	-	28100	-	-	-	47866	35243
Belgium		-	-	103	-	-	-	6800	-	-	-	6903	-
France		4488	-	636	-	-	-	2200	-	-	-	7323	-
Greece		453	-	533	-	2480	-	-	-	-	-	986	-
Italy		1352	23501	581	-	-	-	7100	-	-	-	9033	23501
Spain		495	9262	1841	-	-	-	1401	-	-	-	3737	9262
Turkey		4998	-	2103	-	-	-	100	-	-	-	7201	-
United Kingdom		683	-	295	-	-	-	8000	-	-	-	8978	-
Netherlands		-	-	986	-	-	-	-	-	-	-	986	-
Others		-	-	219	-	-	-	2500	-	-	-	2719	-
Middle East		96	-	208	734	-	-	3900	20707	400	-	4604	21441
Kuwait		96	-	101	-	-	-	3900	-	400	-	4497	-
United Arab Emirates		-	-	-	-	-	-	-	20707	-	-	-	20707
Jordan		-	-	107	734	-	-	-	-	-	-	107	734
Africa		-	2724	-	-	-	-	-	-	-	-	-	2724
Tunisia		-	2724	-	-	-	-	-	-	-	-	-	2724
Asia Pacific		951	-	3422	-	-	-	74680	-	6448	-	85501	-
China		92	-	959	-	-	-	24800	-	300	-	26151	-
India		204	-	321	-	-	-	14700	-	3248	-	18473	-
Japan		100	-	227	-	-	-	3900	-	1800	-	6027	-
Pakistan		95	-	-	-	-	-	8600	-	200	-	8895	-
South Korea		178	-	1028	-	-	-	11780	-	600	-	13586	-
Singapore		-	-	101	-	-	-	500	-	-	-	601	-
Taiwan		-	-	-	-	-	-	7200	-	300	-	7500	-
Thailand		99	-	181	-	-	-	3200	-	-	-	3480	-
Others not specified		184	-	605	-	-	-	-	-	-	-	789	-
TOTAL EXPORTS		13607	35487	11161	734	2480	20707	106780	6848	6448	85501	138397	59408

Table No. (44)
OAPEC Members imports of crude oil, 2018-2022
(Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	4.1	3.2			
Bahrain	219.6	223.0	176.5	180.5	213.0
Egypt	112.2	157.3	227.2	166.3	129.3
Libya*				1.0	2.0
Syria	129.1				
Tunisia	10.3	2.5	16.2	15.6	
UAE	41.7	52.8	163.3	187.4	187.0
OAPEC	517.0	438.8	583.2	550.9	531.3

* Year 2022 estimated.

OAPEC Members imports of crude oil, 2022
(Thousand b/day)



OAPEC Members imports of crude oil, 2018-2022
(Thousand b/day)

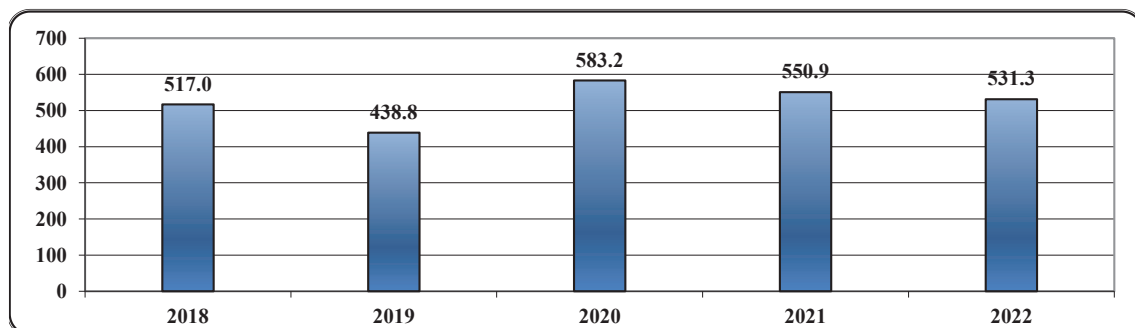
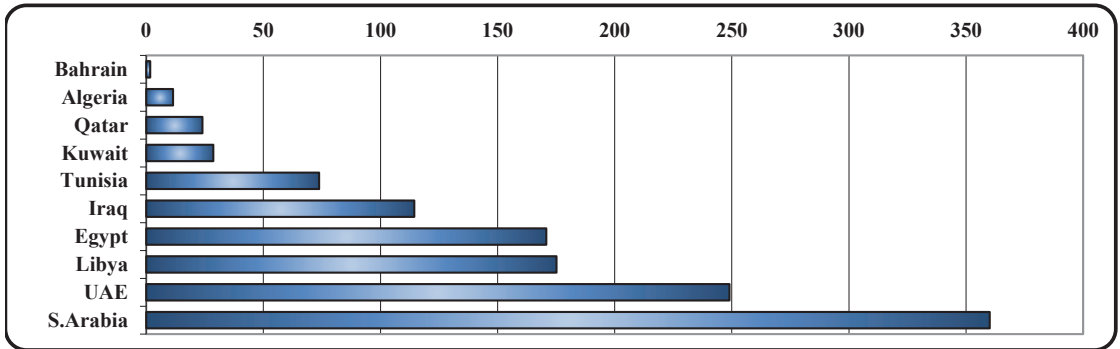


Table No. (45)
OAPEC Members imports of oil products, 2018-2022
(Thousand b/day)

	2018	2019	2020	2021	2022
Algeria	15.9	46.5	31.2	16.3	11.4
Bahrain	3.3	2.6	4.5	6.9	1.7
Egypt	273.2	269.7	141.5	200.1	170.8
Iraq	89.5	97.1	76.7	107.1	114.4
Kuwait	30.4	14.0	14.8	34.1	28.6
Libya	134.5	116.9	143.3	157.0	175.1
Qatar	4.3	1.7	18.1	16.9	24.0
S.Arabia	912.8	318.9	353.3	361.3	360.1
Syria					
Tunisia	85.3	89.3	72.9	75.8	73.8
UAE*	259.6	266.1	82.7	129.0	249.0
OAPEC	1808.9	1222.7	939.2	1104.5	1209.0

* Year 2022 estimated.

OAPEC Members imports of oil products, 2018-2022
(Thousand b/day)



OAPEC Members imports of oil products, 2018-2022
(Thousand b/day)

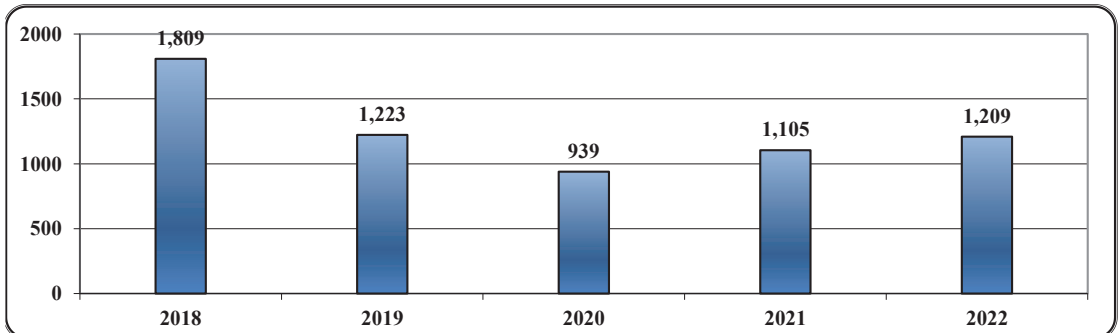
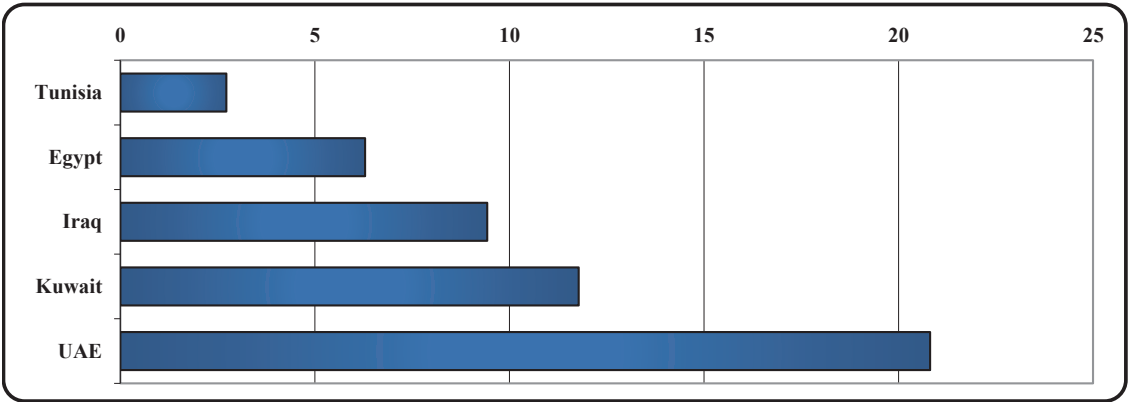


Table No. (46)
OAPEC Members total imports of natural gas, 2018-2022
(Billion cubic meters)

	2018	2019	2020	2021	2022
Egypt	3.40		2.14	4.22	6.29
Iraq	0.51	9.00	10.81	7.62	9.43
Kuwait	4.42	4.51	5.33	7.02	11.78
Tunisia	4.10	4.44	4.13	4.05	2.72
UAE	20.37	20.64	22.65	21.55	20.81
OAPEC	32.80	38.60	45.07	44.63	51.04

OAPEC Members total imports of natural gas, 2022
(Billion cubic meters)



OAPEC Members total imports of natural gas , 2018-2022
(Billion cubic meters)

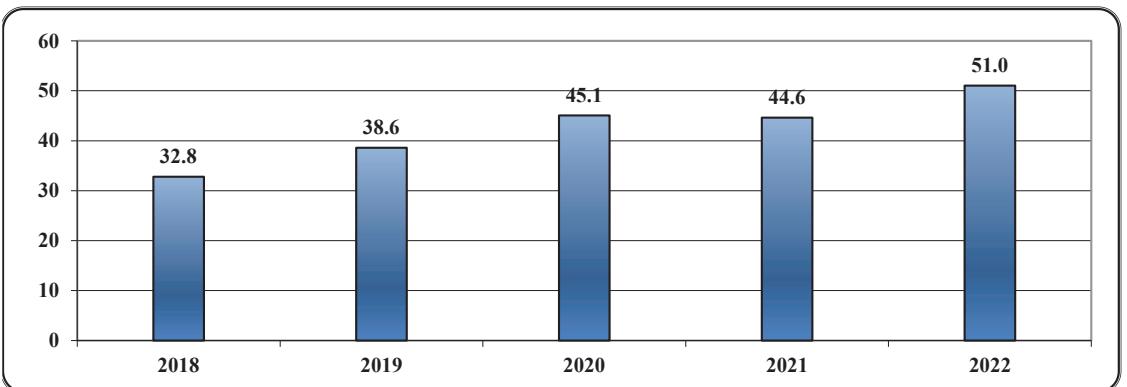
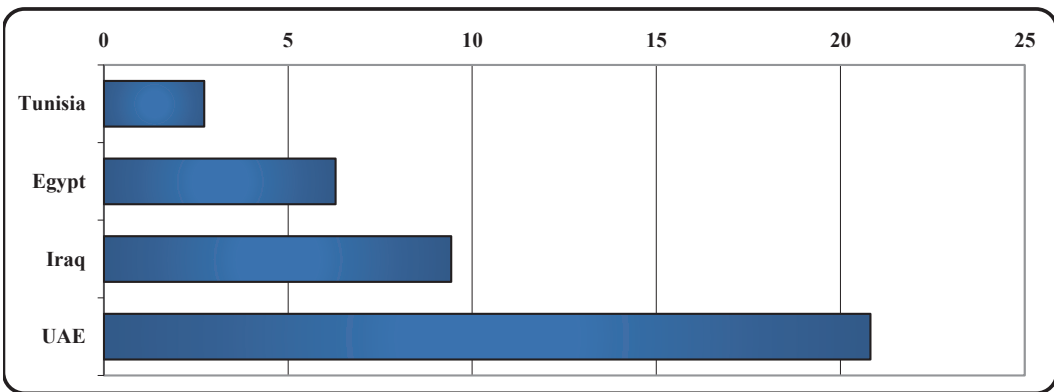


Table No. (47)
OAPEC Members imports of natural gas through pipelines, 2018-2022
(Billion cubic meters)

	2018	2019	2020	2021	2022
UAE	20.37	20.55	22.65	21.55	20.81
Tunisia	4.10	4.44	4.13	4.05	2.72
Iraq	0.51	9.00	10.81	7.62	9.43
Egypt			2.14	4.22	6.29
OAPEC	24.98	34.00	39.73	37.60	39.26

OAPEC Members imports of natural gas through pipelines, 2022
(Billion cubic meters)



OAPEC Members imports of natural gas through pipelines, 2018-2022
(Billion cubic meters)

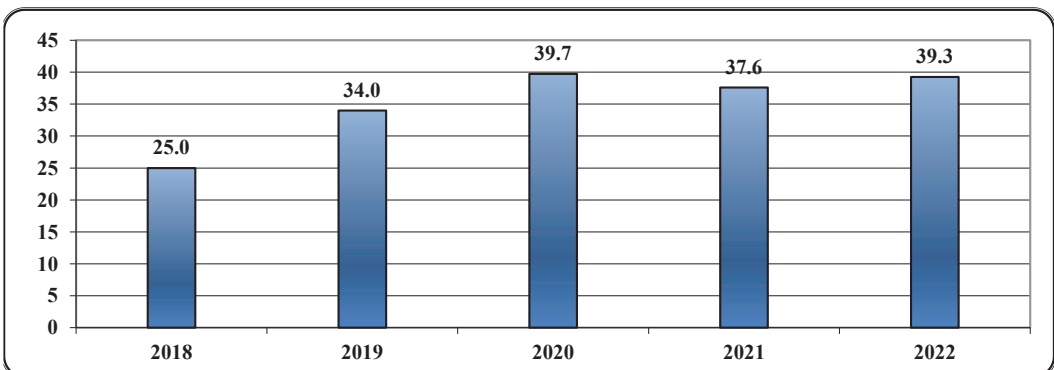
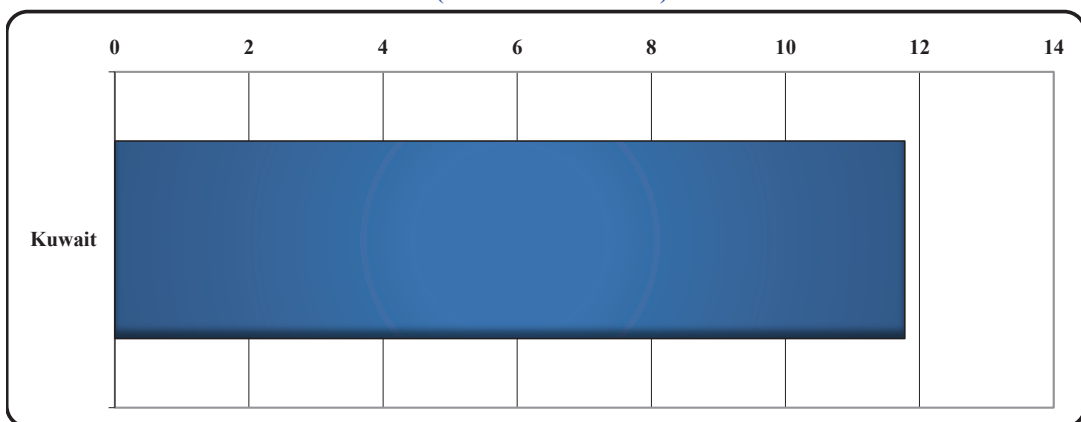


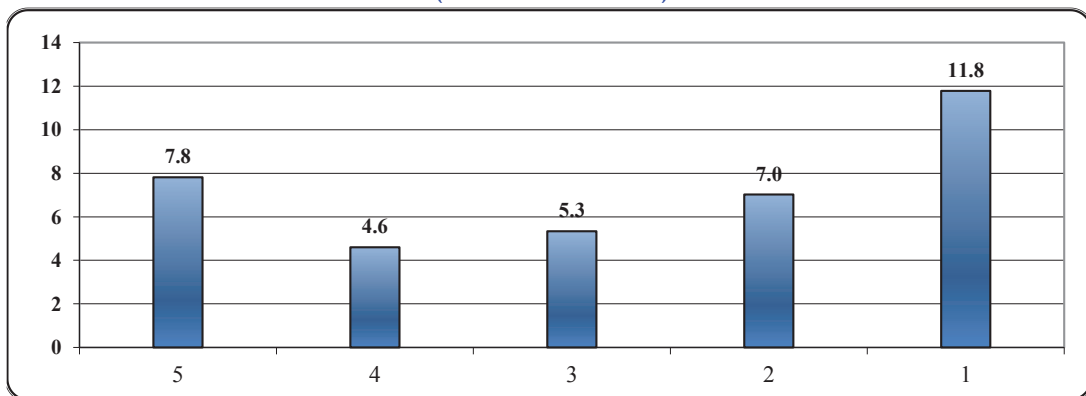
Table No. (48)
OAPEC Members imports of natural gas by tankers, 2018-2022
(Billion cubic meters)

	2018	2019	2020	2021	2022
Egypt	3.40				
Kuwait	4.42	4.51	5.33	7.02	11.78
OAPEC	7.81	4.60	5.33	7.02	11.78

OAPEC Members imports of natural gas by tankers, 2022
(Billion cubic meters)



OAPEC Members imports of natural gas by tankers, 2018-2022
(Billion cubic meters)



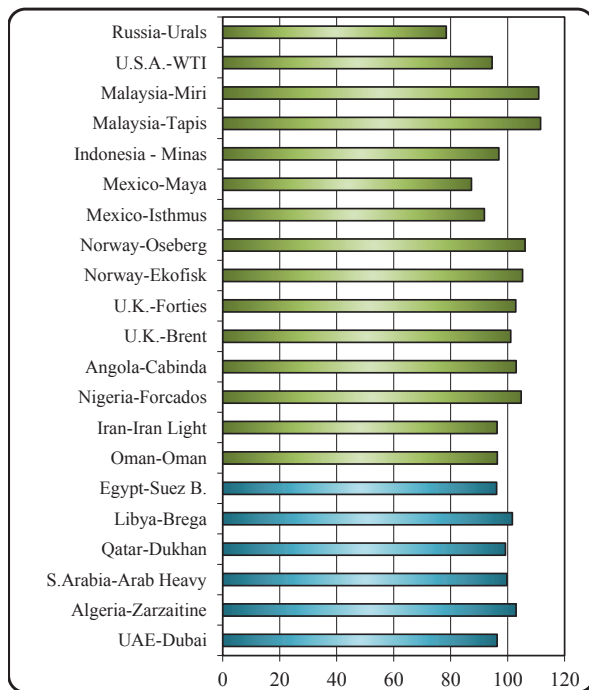
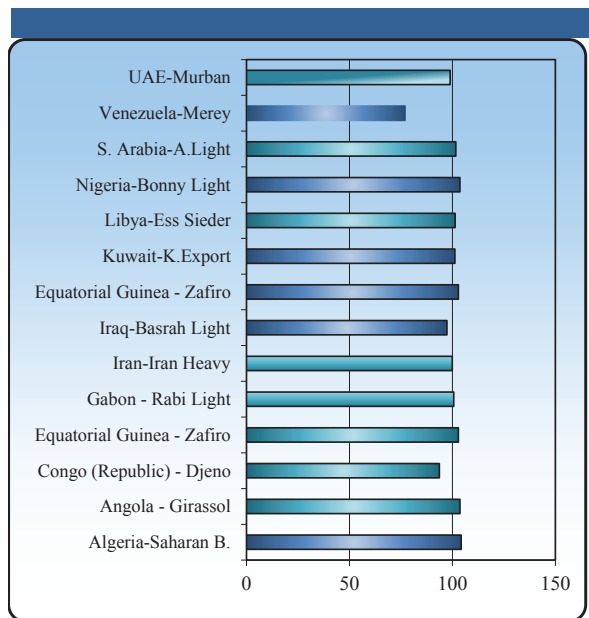
V
Part

Crudes and Energy
Products Prices

Annual Statistical Report

2023

**Average spot crudes prices
(US Dollar / barrel - year 2022)**



**Table No. (49)
Average spot crudes prices, 2020 - 2022
(US Dollar / barrel)**

	2020	2021	2022
Algeria-Saharan B.	42.12	70.89	104.24
Angola - Girassol	42.64	71.31	103.66
Congo (Republic) - Dje	35.77	63.35	93.65
Equatorial Guinea - Zaf	41.54	71.09	102.88
Gabon - Rabi Light	40.22	70.34	100.64
Iran-Iran Heavy	40.8	69.8	99.9
Iraq-Basrah Light	41.55	69.86	97.33
Equatorial Guinea - Zaf	41.54	71.09	102.88
Kuwait-K.Export	41.49	70.50	101.19
Libya-Ess Sieder	40.06	69.16	101.28
Nigeria-Bonny Light	41.53	70.63	103.63
S. Arabia-A.Light	41.91	70.65	101.64
Venezuela-Merey	28.12	51.45	76.96
UAE-Murban	42.98	70.09	98.89
OPEC Basket	41.47	69.89	100.08

UAE-Dubai	42.31	69.38	96.32
Algeria-Zarzitine	41.72	70.72	102.96
S.Arabia-Arab Heavy	41.45	69.98	99.75
Qatar-Dukhan	42.44	69.92	99.25
Libya-Brega	40.12	69.39	101.67
Egypt-Suez B.	40.23	67.77	96.15
Oman-Oman	43.20	69.46	96.38
Iran-Iran Light	40.36	67.90	96.28
Nigeria-Forcados	41.56	70.81	104.76
Angola-Cabinda	42.29	71.00	103.00
U.K.-Brent	41.67	70.80	101.10
U.K.-Forties	41.38	71.23	102.87
Norway-Ekofisk	42.33	71.65	105.26
Norway-Oseberg	42.36	71.78	106.10
Mexico-Isthmus	36.61	66.20	91.85
Mexico-Maya	36.20	64.42	87.31
Indonesia - Minas	41.08	68.75	96.94
Malaysia-Tapis	43.24	72.82	111.57
Malaysia-Miri	47.15	71.26	110.93
U.S.A.-WTI	39.43	68.17	94.55
Russia-Urals	41.83	69.45	78.47

Table No. (50)
Spot prices of OPEC Basket of crudes,
2020 - 2023
(US Dollar / barrel)

	2020	2021	2022	2023
January	65.1	54.4	85.2	81.6
February	55.5	61.1	94.0	81.9
March	33.9	64.6	113.5	78.5
April	17.7	63.2	105.6	84.1
May	25.2	66.9	113.9	75.8
June	37.1	71.9	117.7	75.2
July	43.4	73.5	108.6	81.1
August	45.2	70.3	101.9	87.3
September	41.5	73.9	95.3	94.6
October	40.1	82.1	93.6	91.8
November	42.6	80.4	89.7	84.9
December	49.2	74.4	79.7	79.0
First Quarter	51.5	60.0	97.6	80.7
Second Quarter	26.7	67.3	112.4	78.4
Third Quarter	43.4	72.6	101.9	87.7
Fourth Quarter	44.0	79.0	87.7	85.2
Annual Average	41.4	69.7	99.9	83.0

Table No. (51)
Spot prices of selected Arab crudes - 2023
(US Dollar / barrel)

	Arab Light	Basrah Light	Kuwait Export	Libya - Ess Sider	Qatar- Marine	Sahara Blend	UAE- Murban
January	83.80	77.82	82.94	81.01	82.23	83.76	82.53
February	83.56	78.33	83.19	81.45	82.83	84.05	83.36
March	80.26	75.33	79.86	77.39	78.89	80.29	79.55
April	85.65	81.75	85.49	84.00	84.41	85.40	84.11
May	77.72	73.32	77.42	75.32	75.92	76.42	75.66
June	77.18	73.03	76.44	74.23	75.94	75.23	75.52
July	83.45	78.82	82.39	79.69	80.54	80.29	80.78
August	89.55	85.38	88.77	86.39	86.57	86.69	87.24
September	96.51	93.14	95.70	94.31	93.96	95.21	93.86
October	93.39	90.19	92.85	92.12	90.76	93.27	91.00
November	87.30	83.80	86.30	83.35	85.26	84.80	83.33
December	81.27	77.64	80.11	77.78	79.33	78.83	77.68
First Quarter	82.5	77.2	82.0	80.0	81.3	82.7	81.8
Second Quarter	80.2	76.0	79.8	77.9	78.8	79.0	78.4
Third Quarter	89.8	85.8	89.0	86.8	87.0	87.4	87.3
Fourth Quarter	87.3	83.9	86.4	84.4	85.1	85.6	84.0
Annual Average	85.0	80.7	84.3	82.3	83.1	83.7	82.9

Spot Prices for OPEC Basket of Crudes, 2020 - 2023
US Dollar / Barrel

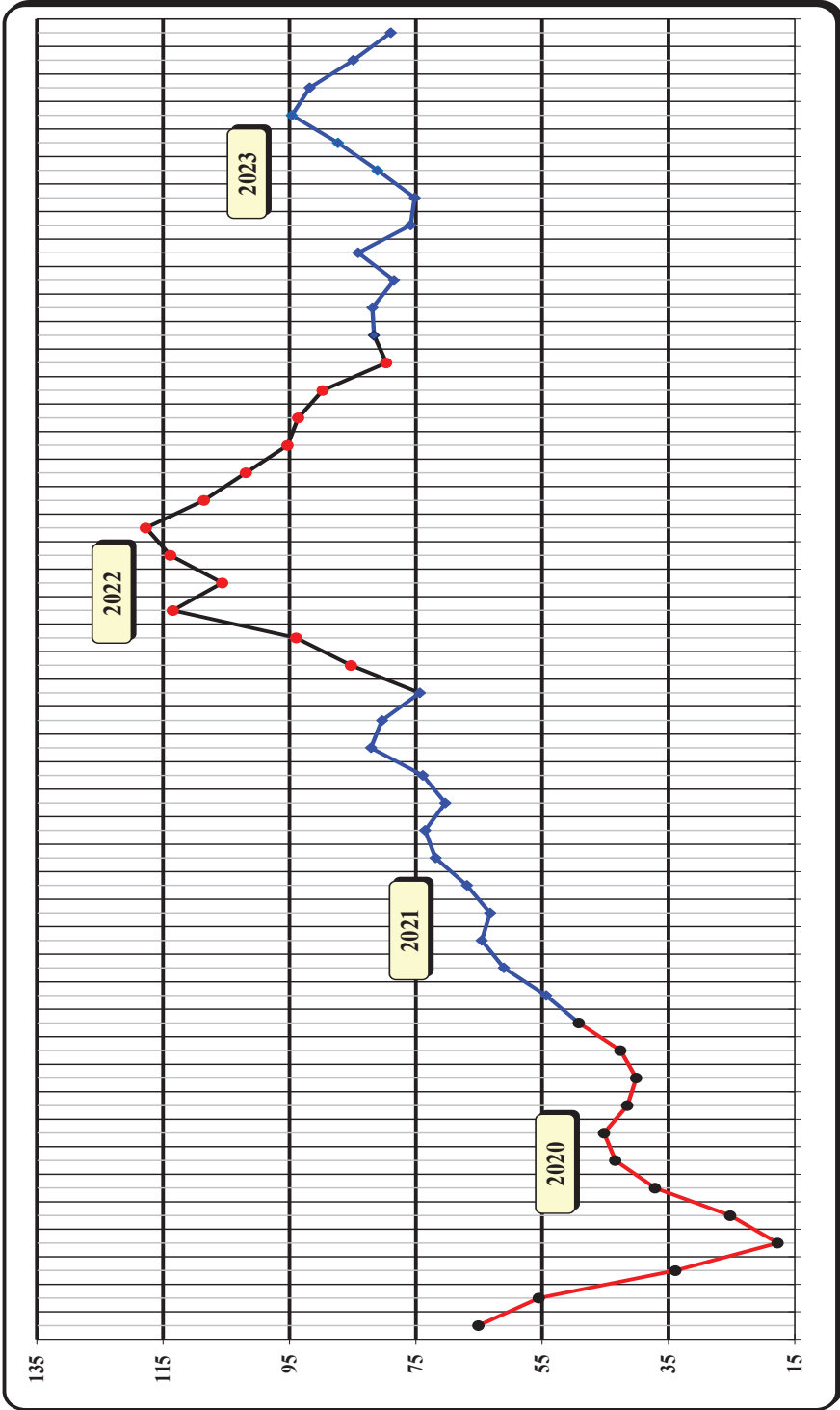


Table No. (52)
Domestic prices of oil products in OAPEC Members
(Local Currency/Litre)

Country and Last date for which Data is Available	Year	Month	Local Currency	LPG						Gasoline						Kerosene	Gasoil/Diesel		
				10 K-g	12.5 K-g	25 K-g	50 K-g	25 Pound	50 Pound	80 Octane	90 Octane	91 Octane	92 Octane	95 Octane	98 Octane				
Algeria	2022	July	Dinar		107.50	215.00	430.00					43.71				45.62	45.97	21.30	29.01
Bahrain	2022	Average	Dinar		1.200								0.140			0.200	0.235		0.180
Egypt	2022	July	Pound		75.00	150.00					8.00				9.25	10.75		7.25	7.25
Iraq	2022	January	Dinar		5188							450				650	1000	150	750
Kuwait	2022	December	Dinar		0.750								0.085			0.105	0.235	0.115	0.115
Libya	2023	Average	Dinar		1.500											0.150		0.080	0.150
Qatar	2023	October	Riyal		15.00								1.95			2.10			2.05
S. Arabia	2024	January	Riyal		18.85								2.18			2.33		0.93	1.15
Syria	2023	January	Pound	2500	3125						8200	9200				9900		6500	5550
Tunisia	2022	November	Dinar		8.800						1.985	2.205	2.525			2.550	2.855		
UAE	2023	October	Dirham		40.55					36.75	68.25			2.85		2.92	3.03		3.42

Table No. (53)
Domestic prices of oil products in OAPEC Members
 (US Dollar / Litre)

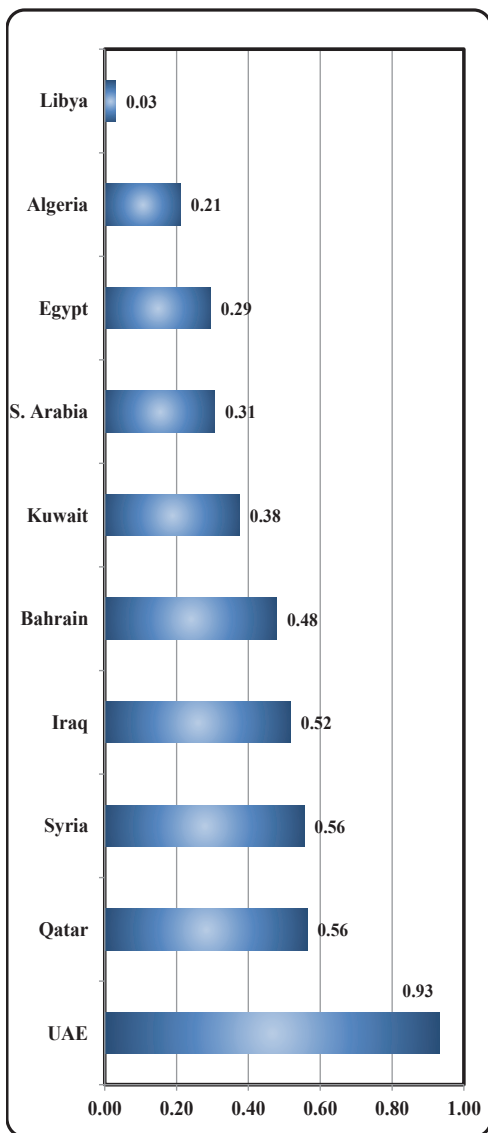
Country and Last date for which Data is Available	LPG										Gasoline						Kerosene	Gasoil/Diesel						
	10		12.5		25		50		50		80		90		91				92		95		98	
	Year	Month	K.g	K.g	K.g	K.g	Pound	Pound	Pound	Pound	Octane	Octane	Octane	Octane	Octane	Octane			Octane	Octane	Octane	Octane	Octane	Octane
Algeria	2022	July		0.78	1.56	3.13								0.32					0.33	0.33	0.15	0.21		
Bahrain	2022	Average		3.19											0.37				0.53	0.63		0.48		
Egypt	2022	October		3.05	6.09					0.32							0.38		0.44		0.29	0.29		
Iraq	2022	January		3.58									0.31						0.45	0.69	0.10	0.52		
Kuwait	2022	April		2.45											0.28				0.34	0.77	0.38	0.38		
Libya	2023	Average		0.31															0.03		0.02	0.03		
Qatar	2023	Desember		4.12											0.54				0.58			0.56		
S. Arabia	2022	Desember		5.03											0.58				0.62		0.25	0.31		
Syria*	2022	Desember	0.25	0.31						0.82	0.92								0.99		0.65	0.56		
Tunisia	2022	November		2.80						0.63	0.70				0.80				0.81	0.91				
UAE	2023	Desember		11.04											0.78				0.80	0.83		0.93		

At 2022 Exchange Rates
 *Year 2022 estimated

Domestic prices of oil products in OAPEC Members, Domestic prices of oil products in OAPEC Members.

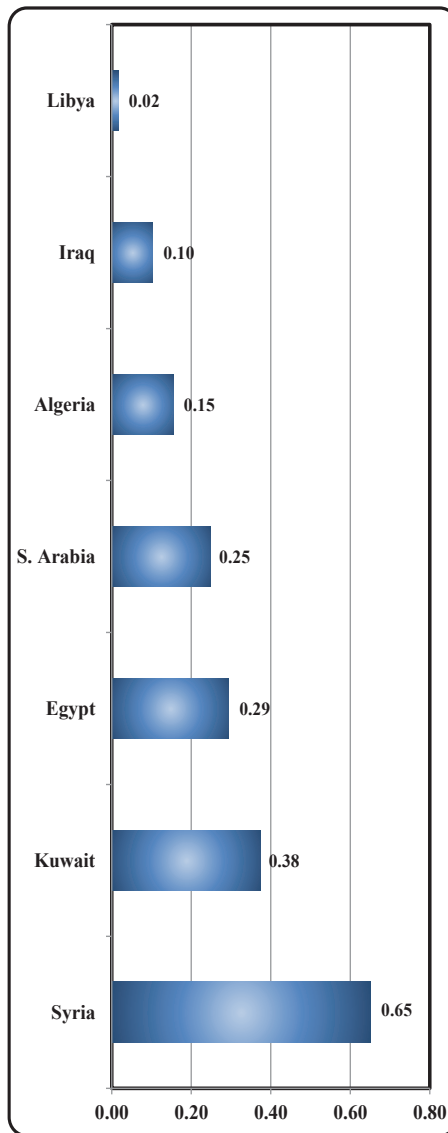
Gasoil / Diesel

(US Dollar / Litre)



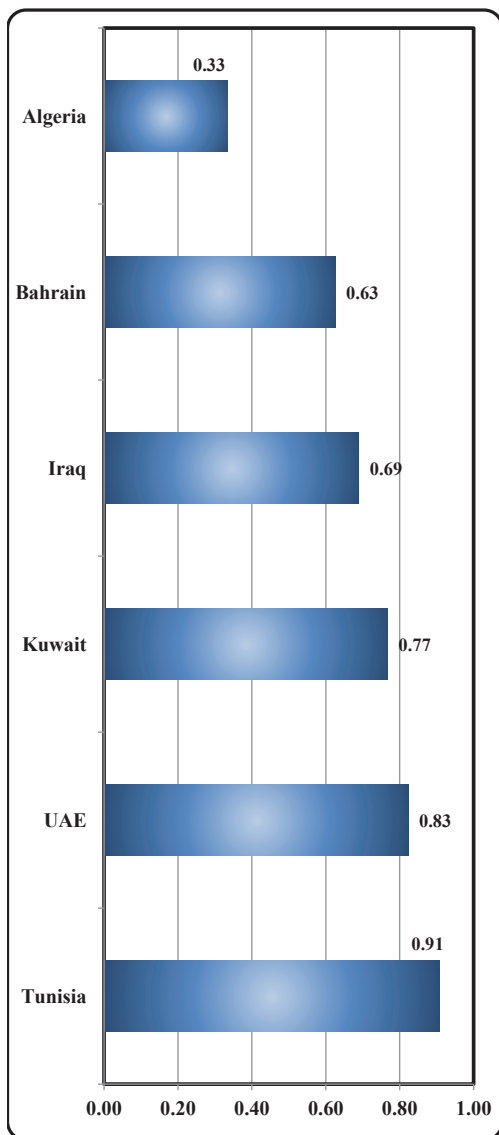
Kerosene

(US Dollar / Litre)



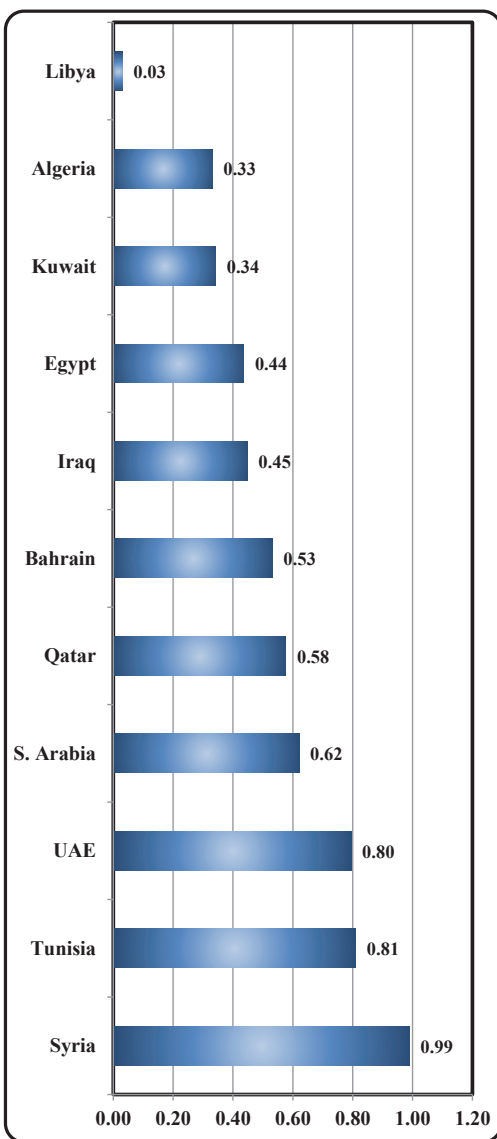
Domestic prices of oil products in OAPEC Members,

Gasoline 98 Octane
(US Dollar / Litre)

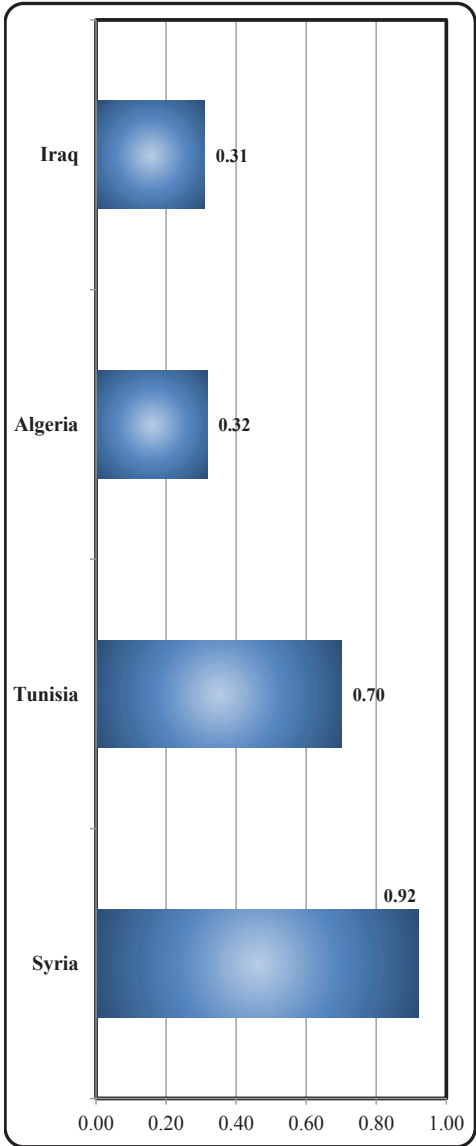


Domestic prices of oil products in OAPEC Members,

Gasoline 95 Octane
(US Dollar / Litre)



Domestic prices of oil products in OAPEC Members,
Gasoline 90 Octane
(US Dollar / Litre)



Domestic prices of oil products in OAPEC Members,
Gasoline 91 Octane
(US Dollar / Litre)

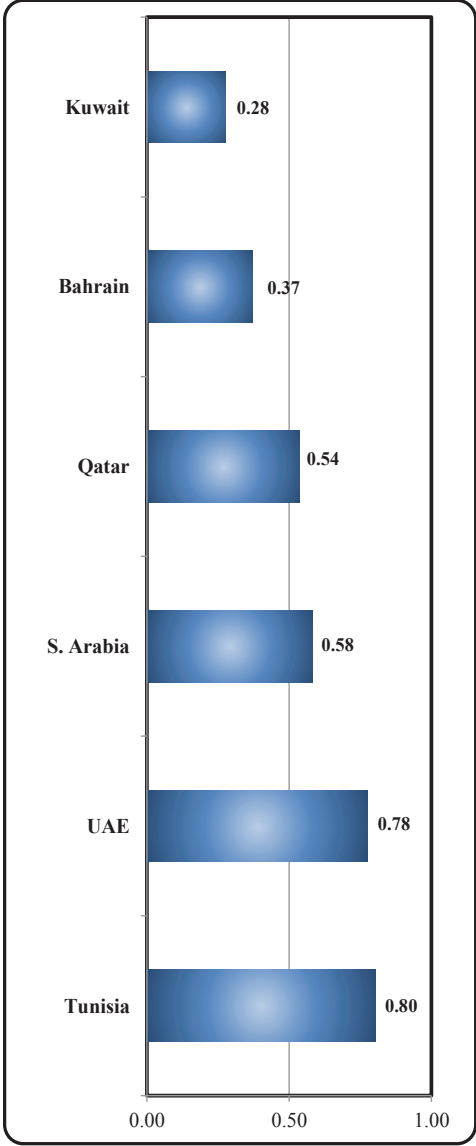


Table No. (54)
Domestic prices of natural gas in OAPEC Members
(Local Currency / Million Btu)

Country and Last date for which Data is Available		Local Currency	Price range		
	Year		Unified Price	Lowest	Highest
Algeria	Jan-22	Dinar		27.6	115.0
Bahrain	Apr-22	Dinar	4.000		
Egypt	Oct-22	Pound		73.9	295.5
Iraq	2021	Dinar		1231.1	3693.4
Kuwait	2022	Dinar	0.567		

Table No. (55)
Domestic prices of natural gas in OAPEC Members
(US Dollar / Million Btu)

Country and Last date for which Data is Available		Unified Price	Price range	
	Year		Lowest	Highest
Algeria	Jan-22	-	0.20	0.84
Bahrain	Apr-22	10.64	-	-
Egypt	Oct-22	-	3.00	12.00
Iraq	2021	-	0.85	2.55
Kuwait	2022	1.85	-	-

At 2022 Exchange Rates



VI
Part

**Transport of Oil and
Natural Gas**

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Table No. (56)
Crude Oil tanker fleet in OAPEC Members, 2018-2022
(Tanker -As at year end)

	2018	2019	2020	2021	2022*
Algeria	1	1	1	1	1
Egypt	-	-	-	-	-
Iraq	4	4	4	4	4
Kuwait	12	10	11	12	11
Libya	5	5	5	5	5
Qatar	5	5	5	5	5
S.Arabia	23	23	23	23	23
UAE	19	19	19	19	19
OAPEC	69	67	68	69	68

* Year 2022 estimated.

Crude Oil tanker fleet in OAPEC Members, 2022
(Tanker -As at year end)

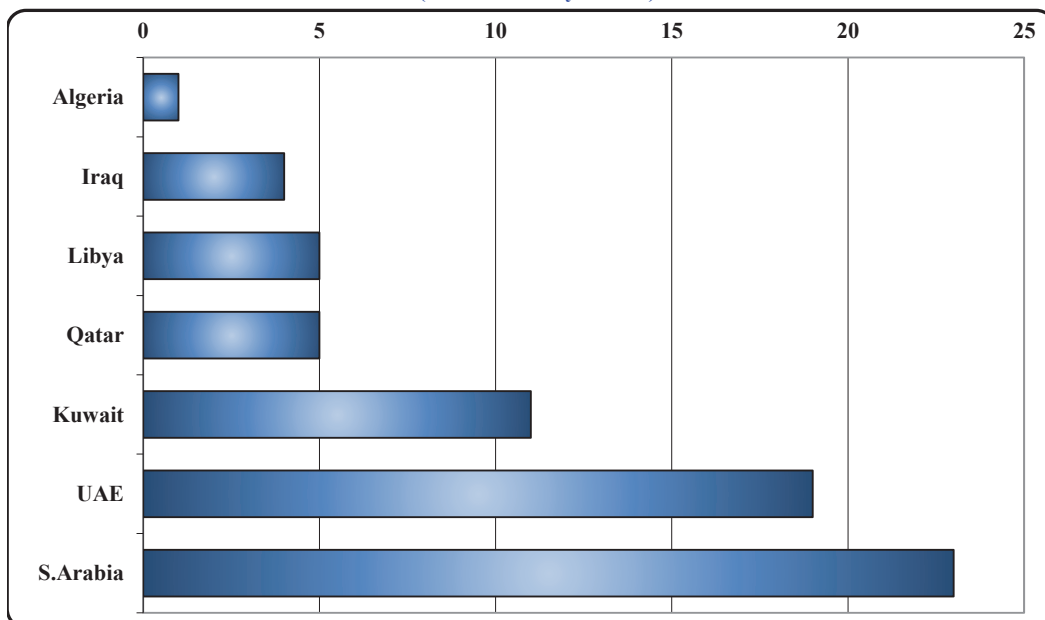


Table No. (57)
Oil tanker fleet size in OAPEC Members, 2018-2022
(Thousand DWT)

	2018	2019	2020	2021	2022*
Algeria	337	337	337	337	337
Iraq	5391	5391	5391	5391	5391
Kuwait	3181	4268	3295	3619	3505
Libya	548	548	548	548	548
Qatar	397	397	397	397	397
S.Arabia	6004	6004	6004	6004	6004
UAE	1139	1139	1139	1139	1139
OAPEC	16997	18084	17111	17435	17321

* Year 2022 estimated.

Oil tanker fleet size in OAPEC Members, 2022
(Thousand DWT - As at year end 2021)

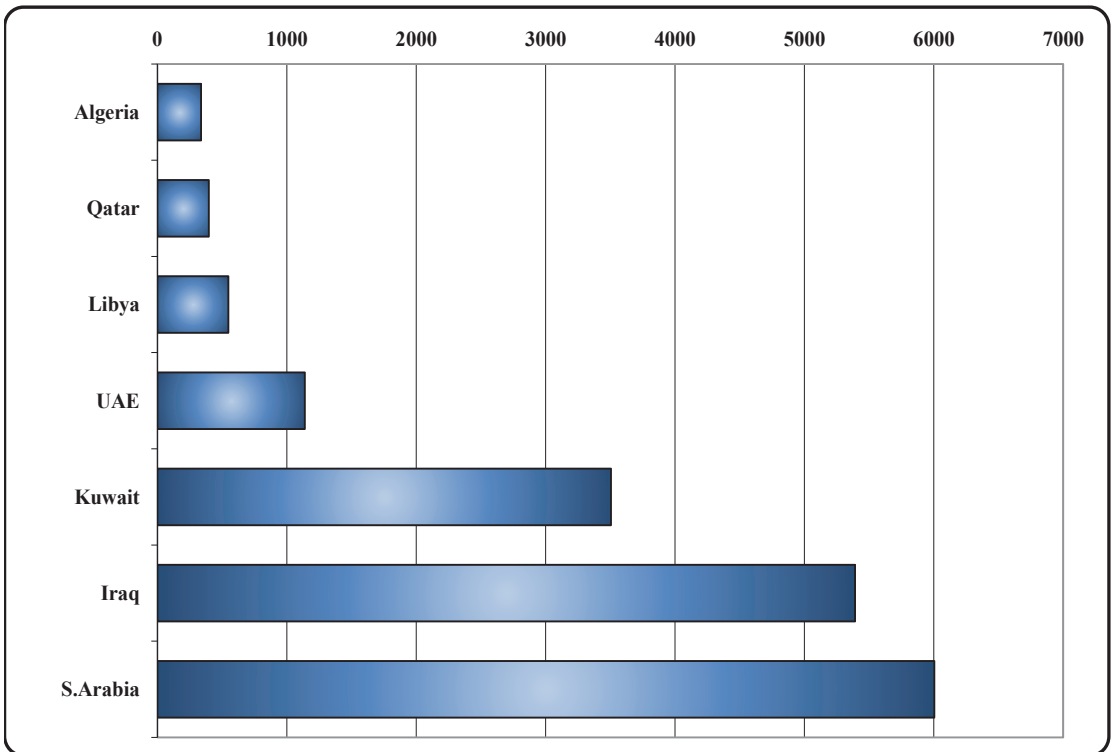


Table No. (58)
LPG and LNG carriers fleet in OAPEC Members, 2022
 (Thousand cubic metres - As at year end 2022)*

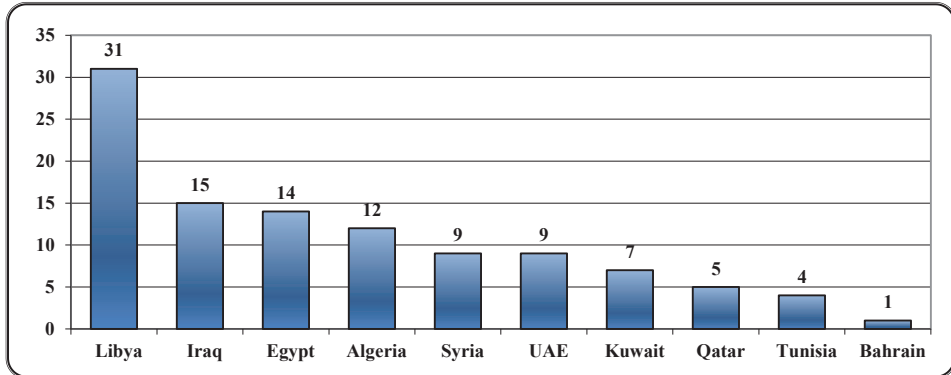
	LPG		LNG		Total	
	No.	Capacity	No.	Capacity	No.	Capacity
Algeria	10	463.0	11	1359	21	1822
Bahrain	-	-	-	-		
Egypt	3	110.0	-	-	3	110
Iraq	-	-	-	-		
Kuwait	5	417.3	-	-	5	417
Libya	2	8.0	-	-	2	8
Qatar	4	328.0	67	8500	71	8828
S. Arabia	-	-	-	-		

Table No. (59)
Crude oil pipeline network in OAPEC Members, 2022
(As at year end 2022)*

	No. of Pipelines	Length (Miles)	Diameter (Inches)
Algeria	12	3089	34 - 20
Bahrain	1	70	30
Egypt	14	729	30 - 12
Iraq	15	2095	48 - 12
Kuwait	7	218	36 - 16
Libya	31	3489	42 - 10
S.Arabia	36	3140	56 - 10
Qatar	5	195	24 - 14
Syria	9	1876	32 - 16
Tunisia	4	286	24 - 6
UAE	9	413	36 - 8
OAPEC	143	15600	-

* Year 2022 estimated.

Crude oil pipeline network in OAPEC Members, 2022
(Line - As at year end 2022)



Crude oil pipeline network in OAPEC Members, 2022
(Miles - As at year end 2022)

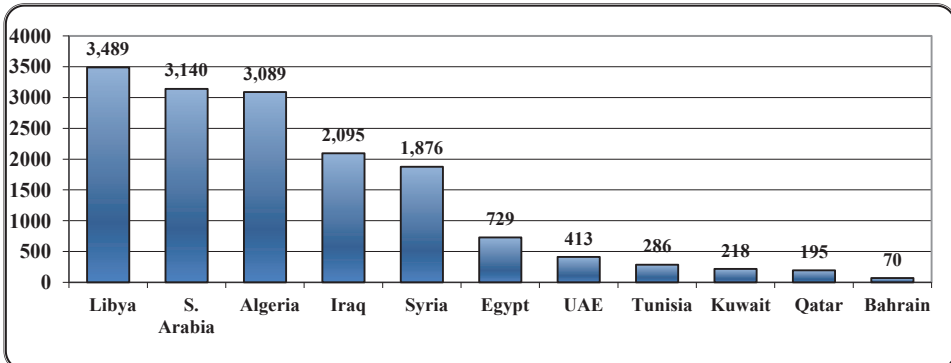
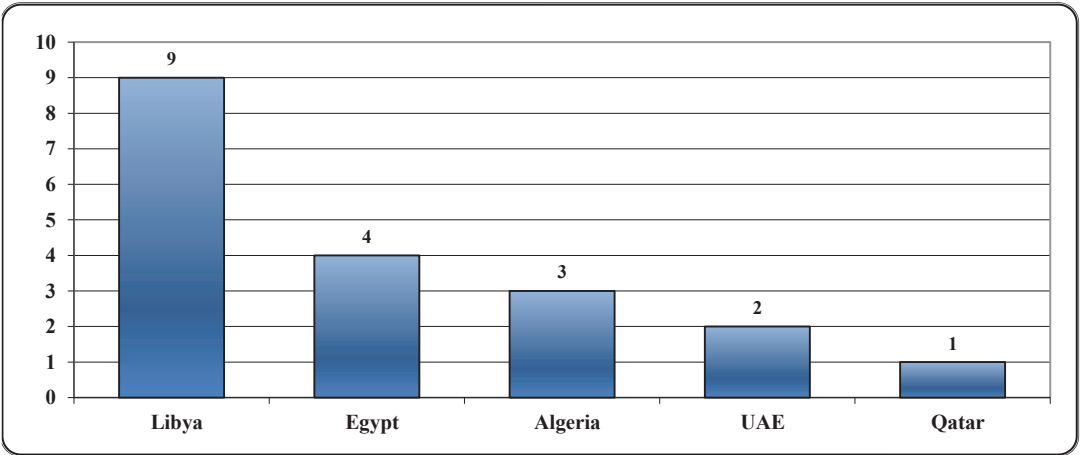


Table No. (60)
Condensate pipeline network in OAPEC Members, 2022
 (As at year end 2022)*

	No. of Pipelines	Length (Miles)	Diameter (Inches)
Algeria	3	1067	30 - 28
Egypt	4	233	16 - 4
Libya	9	805	30 - 4
Qatar	1	65	12
UAE	2	22	18
OAPEC	19	2192	-

* Year 2022 estimated.

Condensate pipeline network in OAPEC Members, 2022
 (Line - As at year end 2022)



Condensate pipeline network in OAPEC Members, 2022
 (Miles - As at year end 2022)

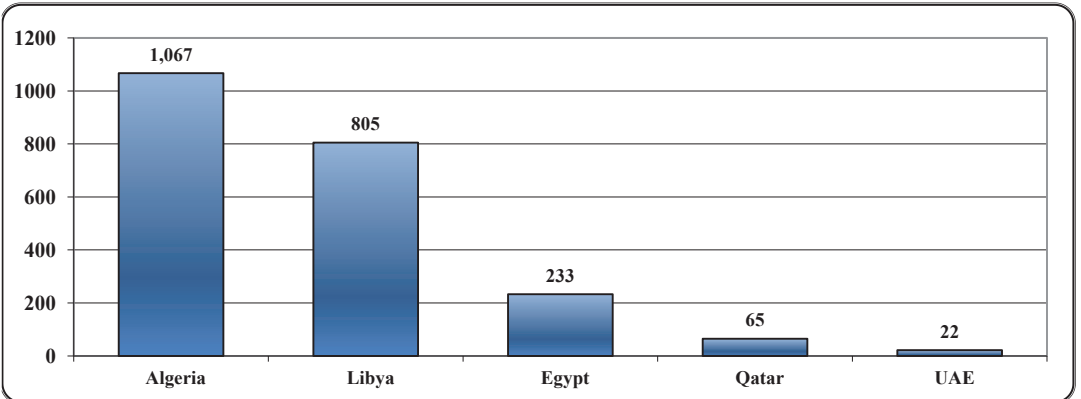
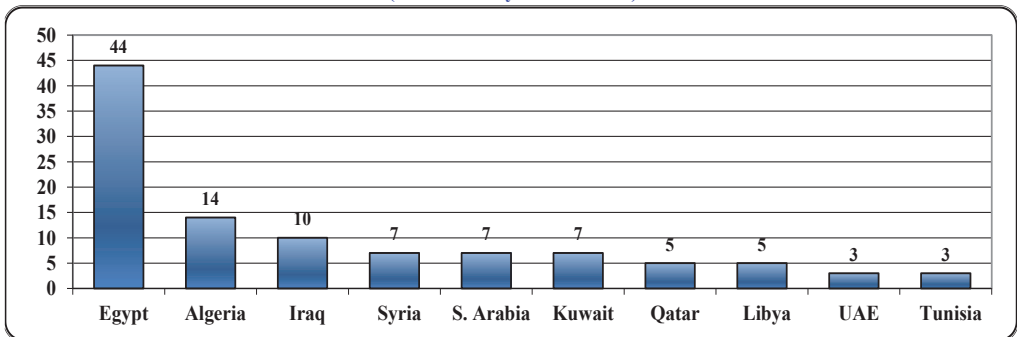


Table No. (61)
Oil products pipeline network in OAPEC Members, 2022
(As at year end 2022)*

	No. of Pipelines	Length (Miles)	Diameter (Inches)
Algeria	14	600	16 - 8
Bahrain	-	-	-
Egypt	44	1854	30 - 4
Iraq	10	1539	22 - 6
Kuwait	7	183	18 - 8
Libya	5	185	16 - 8
Qatar	5	49	20 - 6
S. Arabia	7	716	20 - 8
Syria	7	611	24 - 6
Tunisia	3	120	12 - 6
UAE	3	684	28 - 10
OAPEC	105	6541	-

* Year 2022 estimated.

Oil products pipeline network in OAPEC Members, 2022
(Line - As at year end 2022)



Oil products pipeline network in OAPEC Members, 2022
(Miles - As at year end 2022)

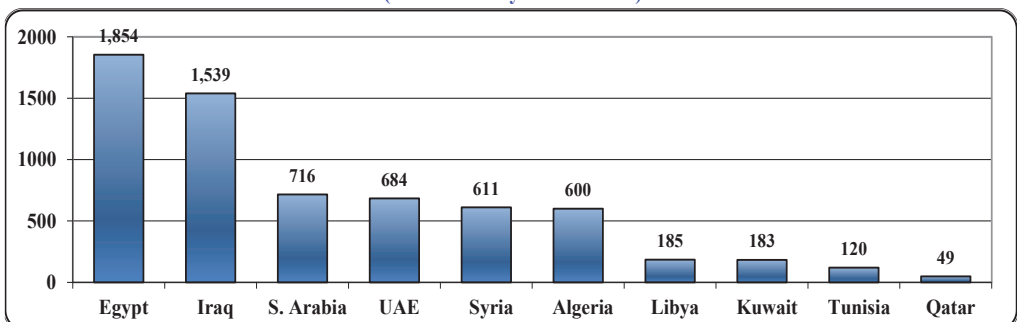
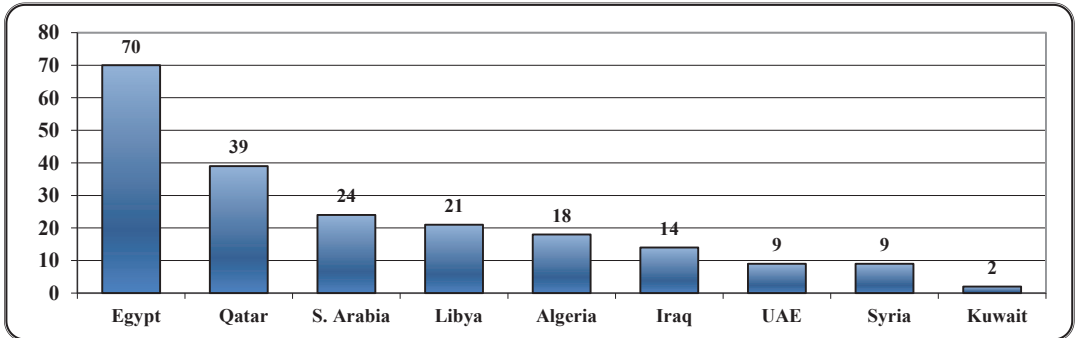


Table No. (62)
Natural gas pipeline network in OAPEC Members, 2022
 (As at year end 2022)*

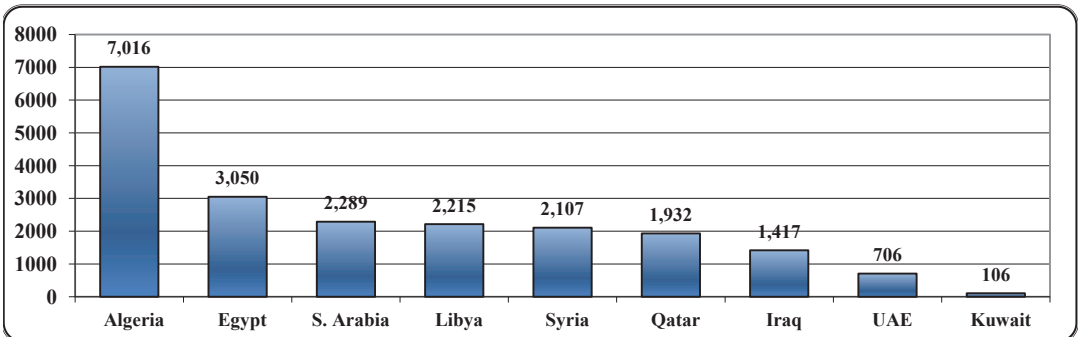
	No. of Pipelines	Length (Miles)	Diameter (Inches)
Algeria	18	7016	48 - 20
Bahrain	-	-	-
Egypt	70	3050	42 - 8
Kuwait	2	106	42 - 12
Libya	21	2215	42 - 10
Iraq	14	1417	48 - 8
Qatar	39	1932	48 - 8
S. Arabia	24	2289	56 - 12
Syria	9	2107	24 - 16
UAE	9	706	48 - 24
OAPEC	206	20838	-

* Year 2022 estimated.

Natural gas pipeline network in OAPEC Members, 2022
 (Line - As at year end 2022)



Natural gas pipeline network in OAPEC Members, 2022
 (Miles - As at year end 2022)

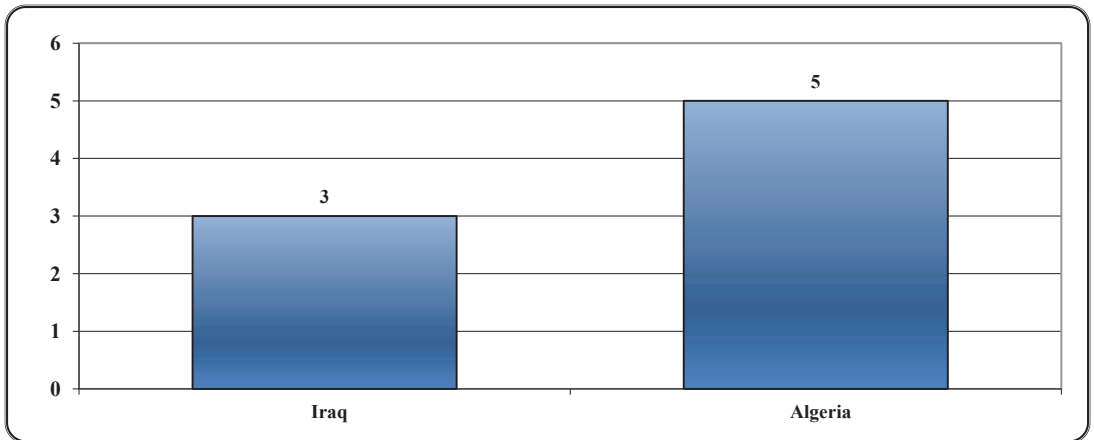


**Table No. (63)
Natural gas liquids pipeline network in OAPEC Members, 2022
(As at year end 2022)***

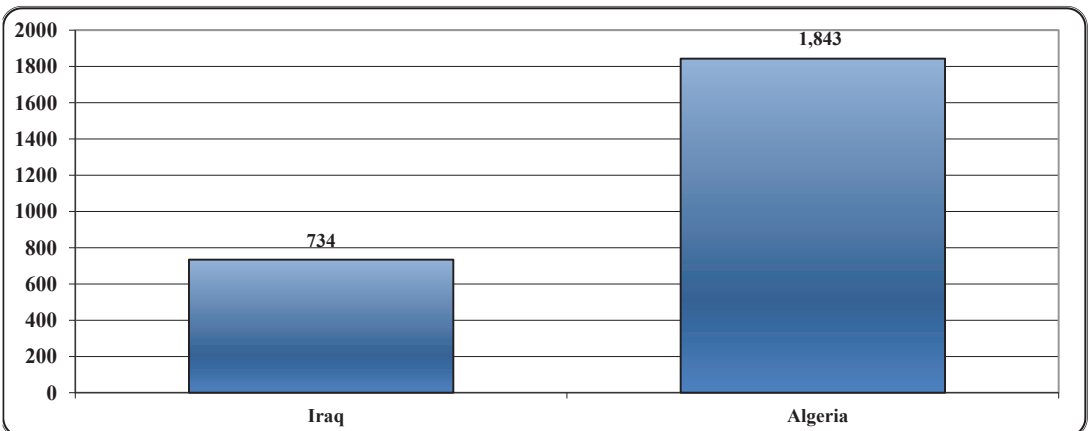
	No. of Pipelines	Length (Miles)	Diameter (Inches)
Algeria	5	1843	24 - 10
Iraq	3	734	14 - 8
S. Arabia	-	1726	-
OAPEC	8	4303	-

* Year 2022 estimated.

**Natural gas liquids pipeline network in OAPEC Members, 2022
(Line - As at year end 2022)**



**Natural gas liquids pipeline network in OAPEC Members, 2022
(Miles - As at year end 2022)**





VII

Part

**Sources, Definitions,
Conversion Factors
& General Notes**

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List of sources

- 1 - Direct Official data and Information.**
- 2 - OAPEC - Oil and Energy data Questionnaire.**
- 3 - Country Papers Submitted To Arab Energy Conferences.**
- 4 - Publications of Petroleum Institutions and Agencies.**
- 5 - National Statistical Publications of Arab Countries.**
- 6 - Joint Arab Economic Report, 2023**
- 7 - OPEC Annual Statistical Bulletin, 2023**
- 8 - Energy Institute & BP Statistical Review of World Energy, 2023**

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Conversion factors and symbols

Oil Products

From	Ton	Barrel	Ton - barrel
To	Barrel	Ton	Oil Equivalent
Crude Oil	7.33	0.136	1.02
LPG	11.65	0.086	1.13
Gasoline	8.5	0.118	1.07
Naphtha	8.5	0.118	1.07
Kerosene	7.77	0.129	1.045
Jet Fuel	7.77	0.129	1.045
Gas Oil / Diesel	7.23	0.138	1.035
Fuel Oil	6.62	0.151	0.96
Lubricant	6.99	0.143	0.96
Asphalt	6.05	0.165	0.96
Others	6.9	0.145	0.96

Symbols	
*	Estimated
na	Not Available
0	Less Than 0.05
-	Zero

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Conversion factors

Crude oil*

From	To Multiply by	Metric tons	Long tons	kilolitres	Barrels	Imperial gallons	US gallons	Tons/year
1 Tonnes (metric)	1	1.016	0.984	1.165	7.33	256	307.86	–
1 Long tons	1	1.016	1	1.18364	7.45	261	313	–
1 Kilolitres	1	0.8581	0.8444	1	6.2898	219.6736	264.17	–
1 Barrels	1	0.1364	0.134	0.159	1	35	42	–
1 Imperial gallons	1	0.00391	0.00383	0.0046	0.0286	1	1.201	–
1 US gallons	1	0.00325	0.00319	0.0038	0.0238	0.833	1	–
1 Barrels/day		–	–	–	–	–	–	49.8

*Based on worldwide average gravity.

Natural gas and LNG

From	To Multiply by	Billion cubic metres NG	Billion cubic feet NG	Million tons oil	Million tons LNG	Trillion Btu	Million barrels oil equiv.
1 billion cubic metres NG	1	1	35.3000	0.9000	0.7353	35.7149	6.5970
1 billion cubic feet NG	1	0.0280	1	0.0255	0.0208	1.0113	0.1868
1 million tons oil equivalent	1	1.1111	39.2385	1	0.8170	39.6832	7.3300
1 million tons LNG	1	1.3600	48.0279	1.2240	1	48.5722	8.9719
1 trillion British thermal units	1	0.0280	0.9888	0.0252	0.0206	1	0.1847
1 million barrels oil equivalent	1	0.1516	5.3531	0.1364	0.1115	5.4138	1

Units

1 metric ton = 2204.62 lb. = 1.1023 short tons

1 kilolitre = 6.2898 barrels = 1 cubic metre

1 kilocalorie (kcal) = 4.187 kJ = 3.968 Btu

1 kilojoule (kJ) = 0.239 kcal = 0.948 Btu

1 (Btu) = 0.252 kcal = 1.055 kJ

1 kilowatt-hour (kWh) = 860 kcal = 3600 kJ = 3412 Btu

One tons of oil equivalent equals approximately:

Heat units 10 million kilocalories = 42 gigajoules = 40 million Btu

Solid fuels 1.5 tons of hard coal = 3 tons of lignite

Electricity 12 megawatt.hours

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Definitions and abbreviations

OAPEC : UAE - Bahrain - Tunisia - Algeria - S.Arabia - Syria - Iraq - Qatar -
Kuwait - Libya - Egypt

boe / d : Barrel of Oil Equivalent / day

b / d : Barrel / day

BTU : British Thermal Unit

NGL : Natural Gas Liquid

LNG : Liquefied Natural Gas

LPG : Liquefied Petroleum Gas

General notes

Iraq's data excluding Kurdistan region with the exception of crude oil and Natural gas reserves and production data.



OAPEC
ORGANIZATION OF ARAB
PETROLEUM EXPORTING
COUNTRIES

