

OAPEC

ORGANIZATION OF ARAB
PETROLEUM EXPORTING
COUNTRIES



2022

Annual

Statistical Report





2022 Annual
Statistical Report



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Preface

Within the framework of boosting its efforts on disseminating statistics and information on the oil and energy industry, as well as working on making information and statistical data related to various energy sources available for energy researchers and experts, OAPEC Secretariat General is pleased to present its annual statistical report for the year 2022, which includes oil and energy indicators and statistics in the member countries and the rest of the world for the period (2017-2021).

In order to observe credibility and transparency in energy data due to its important role in drawing up effective economic policies, the Secretariat General, when preparing the report, relied mainly on its energy data collection form, which is completed by the liaison officers of the member countries, and on data issued by national institutions and other secondary sources.

The report begins with a brief presentation of some of the main economic indicators represented in the population, the size of the gross domestic product, the value of crude oil exports, the value of exports of goods and services, and the energy indicators in the member countries.

The first section of the report tackles data related to proven reserves of oil and gas, developments in crude oil production and natural gas liquids production, in addition to the development of marketed natural gas production. The second section of the report covers oil and natural gas processing operations, where data on the development of existing oil refinery capacities and the development of the production of petroleum products are analyzed and reviewed.

The third section introduces indicators of energy sources consumption, including the consumption of crude oil and petroleum products (by product), and the consumption of natural gas and other energy sources. The fourth section of the report tackles available data on oil and natural gas trade in the member countries, including data



on exports and imports of crude oil and petroleum products. The fifth section reviews: spot prices of crude oil of the member countries, prices of some global crudes, spot prices of the monthly and annual OPEC basket of crudes, in addition to prices of petroleum products in the member countries in local currencies and US dollar. In its sixth section, the report covers oil and natural gas transport operations in terms of the number of tankers, their tonnage, and the pipeline network available in the member countries.

In launching this report, OAPEC Secretariat General hopes that it will serve the desired goal of enlightenment. We also would like to extend our sincere thanks to our member countries' officials for their constant cooperation in providing the Secretariat General with information and official 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 2021

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General Indicators for OAPEC member Countries, 2021

	Capital	Local Currency	Exchange-Rate 2021	Population 2021 (Thousands)	Date of Oil Discovery	Start of Oil Production	Value of Crude Oil Exports 2021 (Million \$)	GDP 2021 (Million \$) (Million \$)	Exports of Goods and Services 2021 (Million \$)	Imports of Goods and Services 2021 (Million \$)
People's Democratic Republic of Algeria	Algiers	Dinar = 100 Centime	\$ 1 = 135 Dinar	44,280	1956	12,423	158,556	39,299	41,879	
Kingdom of Bahrain	Manama	Dinar = 1000 fils	\$ 1 = 0.376 Dinar	1,518	1932	4,317	38,869	26,608	18,200	
Arab Republic of Egypt	Cairo	Pound = 100 piaster	\$ 1 = 15,645 Pound	102,060	1907	1914	2,550	402,859	44,708	81,684
Republic of Iraq	Baghdad	Dinar = 1000 fils	\$ 1 = 1450 Dinar	41,191	1909	1934	75,651	209,924	84,255	57,514
State of Kuwait	Kuwait	Dinar = 1000 fils	\$ 1 = 0.302 Dinar	4,336	1938	1946	52,472	149,400	71,156	53,423
State of Libya	Tripoli	Dinar = 1000 dirham	\$ 1 = 4,510 Dinar	6,966	1958	1961	23,432	42,859	25,201	9,086
State of Qatar	Doha	Riyal = 100 dirham	\$ 1 = 3.64 Riyal	2,869	1940	1940	10,624	179,571	103,972	64,312
Kingdom of Saudi Arabia	Riyadh	Riyal = 100 halala	\$ 1 = 3.75 Riyal	35,826	1938	1938	178,741	833,541	289,815	202,945
Syrian Arab Republic	Damascus	Pound = 100 piaster	\$ 1 = 2198 Pound	17,943	1956	1968	-	18,101	3,170	6,977
Republic of Tunisia	Tunis	Dinar = 1000 Millieme	\$ 1 = 2,790 Dinar	11,835	1964	1966	-	46,915	21,314	24,436
United Arab Emirates - UAE	Abu Dhabi	Dirham = 100 fils	\$ 1 = 3,673 Dirham	9,384	1953	1965	62,006	419,877	463,965	327,085
Total OAPEC	-	-	-	278,208	-	-	422,216	2,500,272	1,173,463	887,541

Energy Indicators for OAPEC member Countries, 2021

Con.....

	Proven Crude Oil Reserves (billion barrels)	Proven Natural Gas Reserves (Billion cubic meters)	Total Energy Production (Thousand bbl/day)	Crude Oil and NGL Production (Thousands bbl/day)	Crude Oil Production (Thousands bbl/day)	NGL Production (Thousands bbl/day)	Marketed Natural Gas (Billion cubic meters)	Installed Refining Capacity (Thousand bbl/day)	Total Oil Products Production (Thousands bbl/day)
People's Democratic Republic of Algeria	12.2	4,504	3,158	1,287	850	437.6	105.0	636	594
Kingdom of Bahrain	0.1	68	515	208	193	14.8	17.5	267	236
Arab Republic of Egypt	3.0	2,209	1,962	654	469	184.8	70.4	785	609
Republic of Iraq	144.0	3,714	4,423	4,057	3,971	86.2	15.3	1,126	609
State of Kuwait	101.5	1,784	3,070	2,767	2,414	352.7	12.7	800	682
State of Libya	48.4	1,505	1,692	1,247	1,207	39.6	24.2	603	125
State of Qatar	25.2	23,831	4,643	1,666	551	1,115	165.6	433	354
Kingdom of Saudi Arabia	267.2	9,319	12,704	10,325	9,125	1,200	120.5	3,327	2,529
Syrian Arab Repubic	* * 2.5	268.6	73.5	16.5	16	0.5	2.9	240	112
Republic of Tunisia	0.4	64.0	55.0	31.1	29	2.4	1.3	34	21
United Arab Emirates - UAE	111.0	8,200	4,763	3,674	2,717	957	54.5	1,272	1,040
Total OAPEC	715.5	55,466	37,059	25,932	21,542	4,391	590.0	9,523	6,910



Energy Indicators for OAPEC member Countries, 2021

	Total Energy Consumption (Thousand boe/day)	Oil Consumption (Thousand boe/day)	Natural Gas Consumption (Thousand boe/day)	Total Oil Products Consumption (Thousand b/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	1,490	413	862	378	344	480	55.0	4.2	16.3	-
Kingdom of Bahrain	329	27	302	25	149	214	-	180.5	6.9	-
Arab Republic of Egypt	1,880	686	1,103	652	133	135	10.6	166.3	200.1	4.2
Republic of Iraq	1,214	805	395	616	3,021	159	-	-	107.1	7.6
State of Kuwait	778	373	403	332	1,820	666	-	-	34.1	10.7
State of Libya	484	204	280	196	1,091	89	8.0	1.0	132.6	-
State of Qatar	824	188	637	159	479	431	129.3	-	16.9	-
Kingdom of Saudi Arabia	4,170	2,092	2,076	1,611	6,227	1,343	-	-	361.3	-
Syrian Arab Republic	* *	174	117	50	115	-	-	-	-	-
Republic of Tunisia	176	103	72	98	25	-	-	15.6	74.5	4.4
United Arab Emirates - UAE	1,553	332	1,186	307	2,304	891	7.8	187.4	128.5	22.2
Total OAPEC	13,072	5,341	7,365	4,488	15,594	4,410	210.8	555.1	1,078	49.1

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**Part
I**

Reserves and Production

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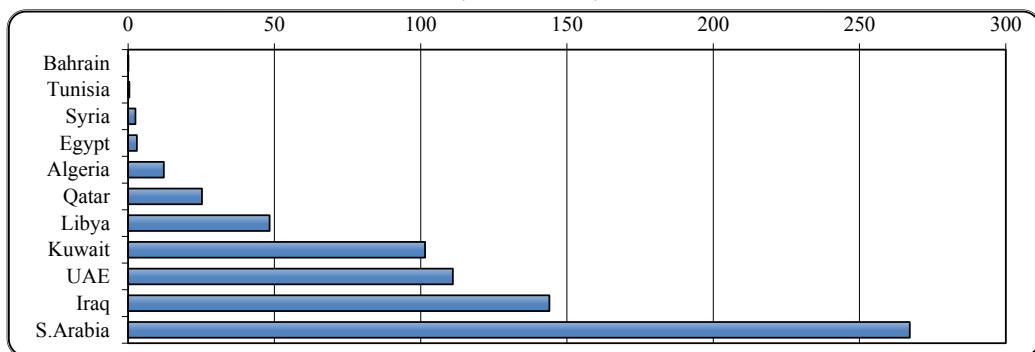


Table No. (1)
Proven crude oil reserves in OAPEC Members, 2017-2021*
(Billion barrels - at end of the year)

	2017	2018	2019	2020	2021
Algeria	12.2	12.2	12.2	12.2	12.2
Bahrain	0.1	0.1	0.1	0.1	0.1
Egypt	3.3	3.2	3.1	3.1	3.0
Iraq	147.2	148.4	148.4	148.4	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	266.3	267.0	258.6	267.1	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	97.8	97.8	107.0	111.0
OAPEC	704.9	706.7	698.3	715.9	715.5
Rest of the world	564.1	569.3	573.7	601.1	588.5
Total World	1269.0	1276.0	1272.0	1317.0	1304.0

* Excluding unconventional oil.

Proven crude oil reserves in OAPEC Members, 2021
(Billion barrels)



Proven crude oil reserves in OAPEC Members, 2017-2021
(Billion barrels)

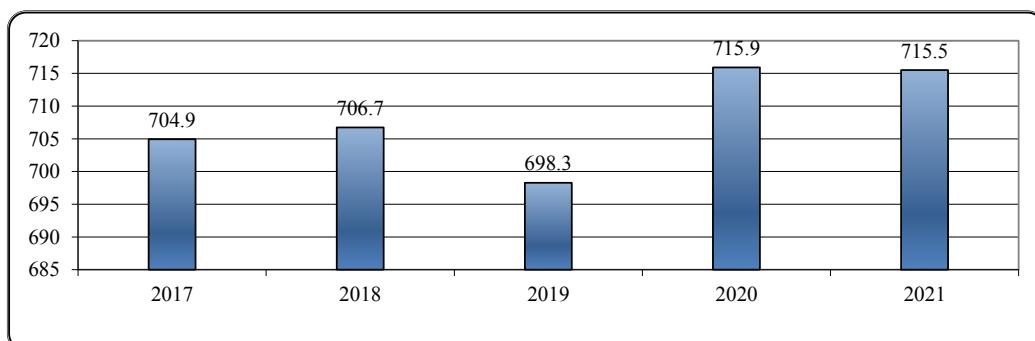
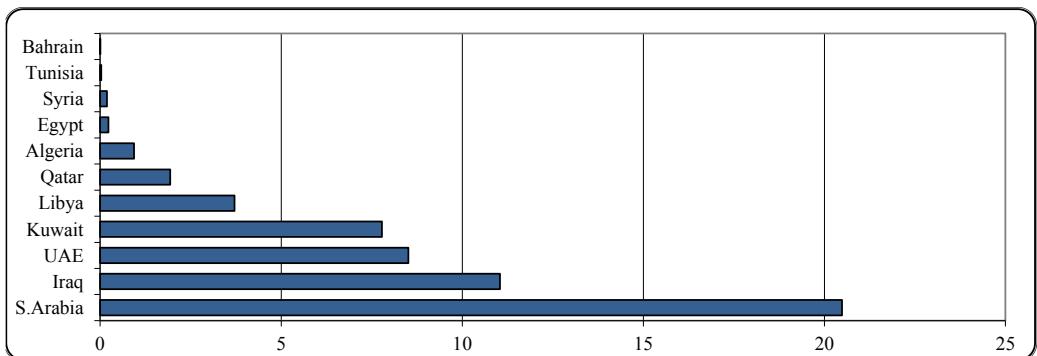


Table No. (2)
OAPEC Members share of world proven crude oil reserves, 2017-2021*
(% - at end of the year)

	2017	2018	2019	2020	2021
Algeria	0.96	0.96	0.96	0.93	0.94
Bahrain	0.01	0.01	0.01	0.01	0.01
Egypt	0.26	0.25	0.25	0.24	0.23
Iraq	11.60	11.63	11.67	11.27	11.04
Kuwait	8.00	7.95	7.98	7.71	7.78
Libya	3.81	3.79	3.80	3.67	3.71
Qatar	1.99	1.98	1.98	1.92	1.94
Syria	0.20	0.20	0.20	0.19	0.19
S.Arabia	20.98	20.93	20.33	20.28	20.49
Tunisia	0.03	0.03	0.03	0.03	0.03
UAE	7.71	7.66	7.69	8.12	8.51
OAPEC	55.6	55.4	54.9	54.4	54.9
Rest of the world	44.4	44.6	45.1	45.6	45.1
Total World	100.0	100.0	100.0	100.0	100.0

* Excluding unconventional oil.

OAPEC Members share of world proven crude oil reserves, 2021
(%)



OAPEC Members share of world proven crude oil reserves, 2017-2021
(%)

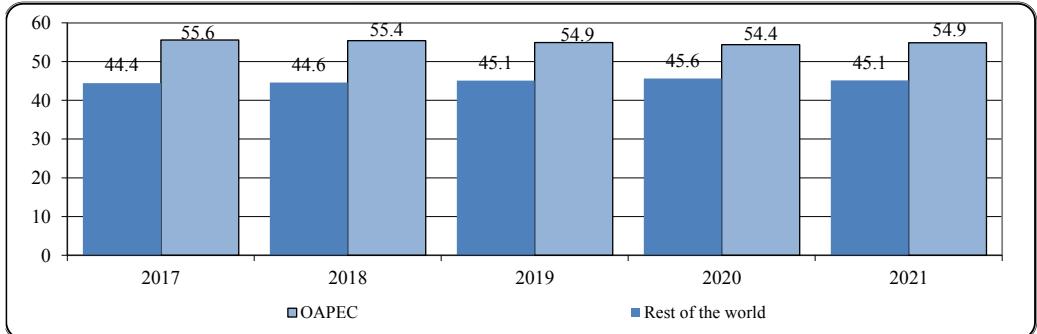


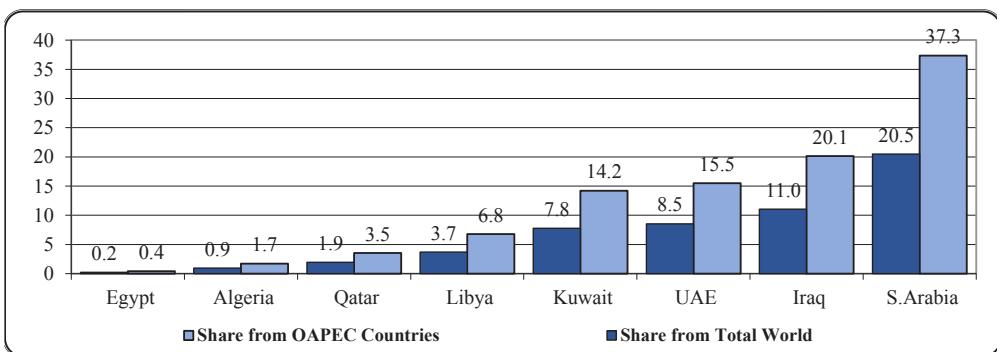


Table No. (3)
OAPEC Members share of world proven crude oil reserves, 2021*
(% - at end of the year 2021)

	Data for Year 2021 (Billion barrels)	Share from OAPEC Countries	Share from Total World
Algeria	12.20	1.71	0.94
Bahrain	0.09	0.01	0.01
Egypt	2.99	0.42	0.23
Iraq	144.00	20.13	11.04
Kuwait	101.50	14.19	7.78
Libya	48.36	6.76	3.71
Qatar	25.24	3.53	1.94
S.Arabia	267.19	37.34	20.49
Syria	2.50	0.35	0.19
Tunisia	0.43	0.06	0.03
UAE	111.00	15.51	8.51
OAPEC	715.51	100.0	54.9
Total World	1304.00	-	-

* Excluding unconventional oil.

OAPEC Members share of world proven crude oil reserves , 2021
(%)



OAPEC Members share of world proven crude oil reserves , 2021
(%)

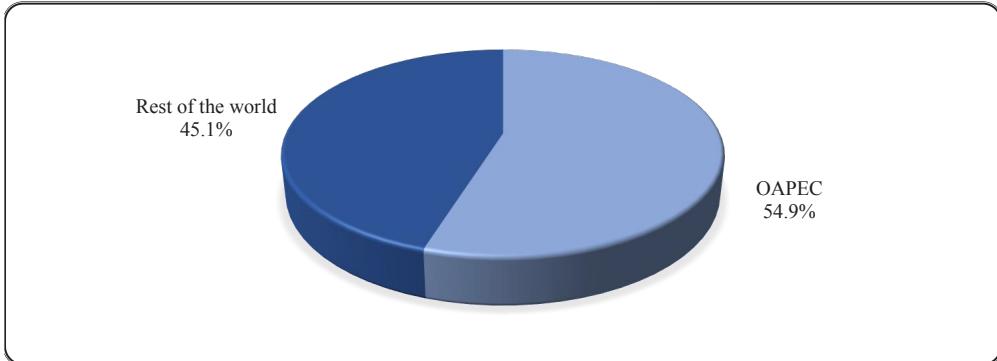
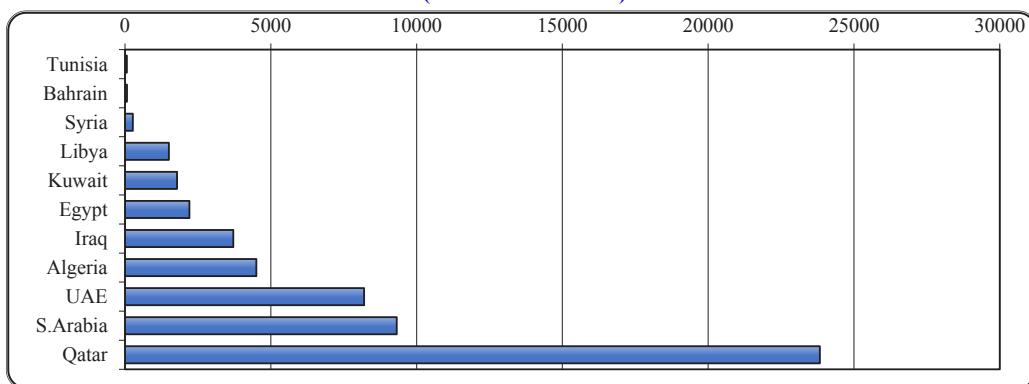


Table No. (4)
Proven natural gas reserves in OAPEC Members, 2017-2021
(Billion cubic meters - at end of the year)

	2017	2018	2019	2020	2021
Algeria	4505	4505	4504	4504	4504
Bahrain	210	193	81	68	68
Egypt	2221	2221	2209	2209	2209
Iraq	3744	3820	3820	3820	3714
Kuwait	1784	1784	1784	1784	1784
Libya	1505	1505	1505	1505	1505
Qatar	23861	23846	23831	23831	23831
S.Arabia	8720	9074	9423	9234	9319
Syria	269	269	269	269	269
Tunisia*	64	64	64	64	64
UAE	6091	6091	6091	7730	8200
OAPEC	52973	53371	53580	55018	55466
Rest of the world	144223	148280	151442	152179	151161
Total World	197196	201651	205022	207197	206627

* Year 2021 estimated.

Proven natural gas reserves in OAPEC Members, 2021
(Billion cubic meters)



Proven natural gas reserves in OAPEC Members, 2017-2021
(Billion cubic meters)

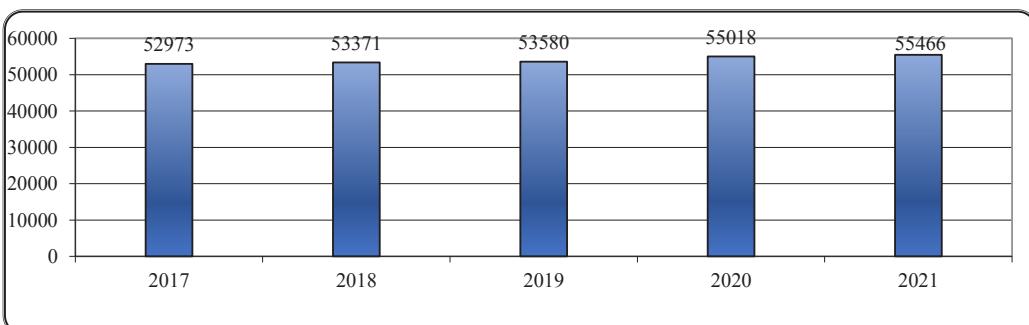


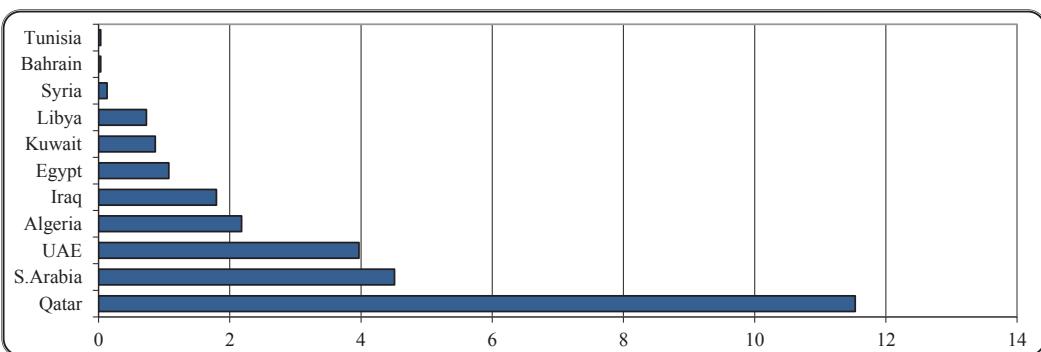


Table No. (5)
OAPEC Members share of world proven natural gas reserves, 2017-2021
(% - at end of the year 2021)

	2017	2018	2019	2020	2021
Algeria	2.28	2.23	2.20	2.17	2.18
Bahrain	0.11	0.10	0.04	0.03	0.03
Egypt	1.13	1.10	1.08	1.07	1.07
Iraq	1.90	1.89	1.86	1.84	1.80
Kuwait	0.90	0.88	0.87	0.86	0.86
Libya	0.76	0.75	0.73	0.73	0.73
Qatar	12.10	11.83	11.62	11.50	11.53
S. Arabia	4.42	4.50	4.60	4.46	4.51
Syria	0.14	0.13	0.13	0.13	0.13
Tunisia*	0.03	0.03	0.03	0.03	0.03
UAE	3.09	3.02	2.97	3.73	3.97
OAPEC	26.9	26.5	26.1	26.6	26.8
Rest of the world	73.1	73.5	73.9	73.4	73.2
Total World	100.0	100.0	100.0	100.0	100.0

* Year 2021 estimated.

OAPEC Members share of world proven natural gas reserves, 2021
(%)



OAPEC Members share of world proven natural gas reserves, 2017-2021
(%)

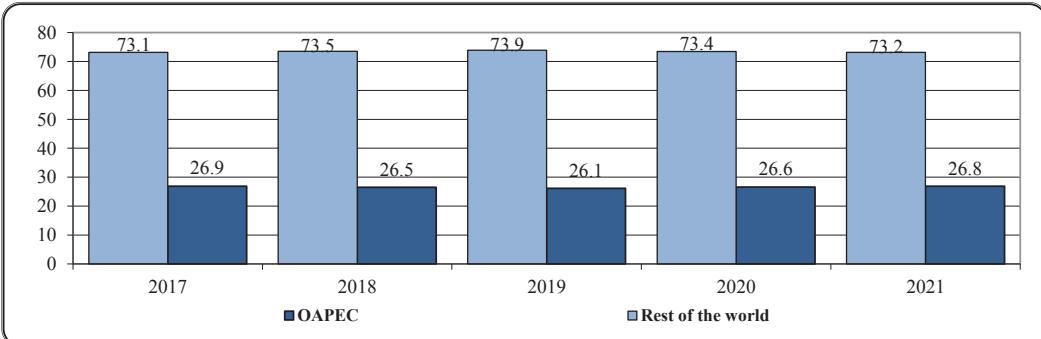
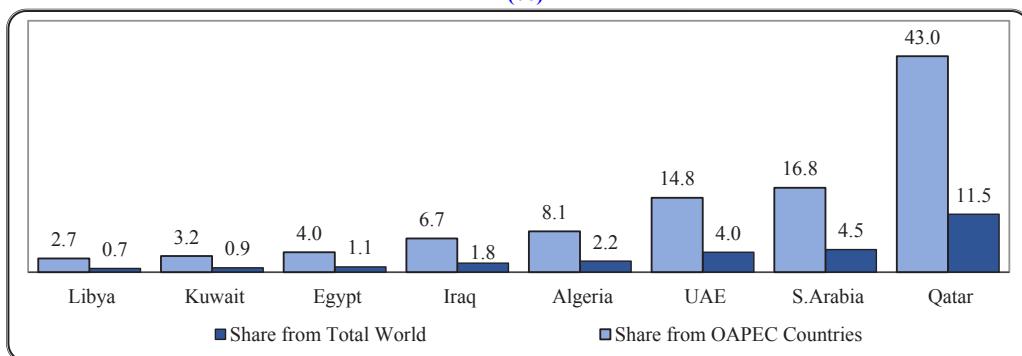


Table No. (6)
OAPEC Members share of world proven natural gas reserves, 2021*
 (% - at end of the year 2021)

	Data for Year 2021 (Billion cubic meters)	Share from OAPEC Countries	Share from Total World
Algeria	4504	8.12	2.18
Bahrain	68	0.12	0.03
Egypt	2209	3.98	1.07
Iraq	3714	6.70	1.80
Kuwait	1784	3.22	0.86
Libya	1505	2.71	0.73
Qatar	23831	42.97	11.53
S.Arabia	9319	16.80	4.51
Syria	269	0.48	0.13
Tunisia*	64	0.12	0.03
UAE	8200	14.78	3.97
OAPEC	55466	100.0	26.8
Total World	206627	-	-

* Year 2021 estimated.

OAPEC Members share of world proven natural gas reserves, 2021
 (%)



OAPEC Members share of world proven natural gas reserves, 2021
 (%)

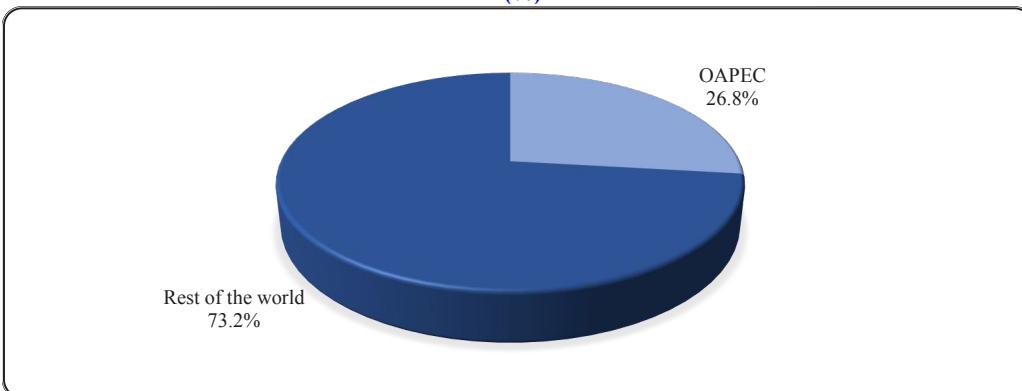


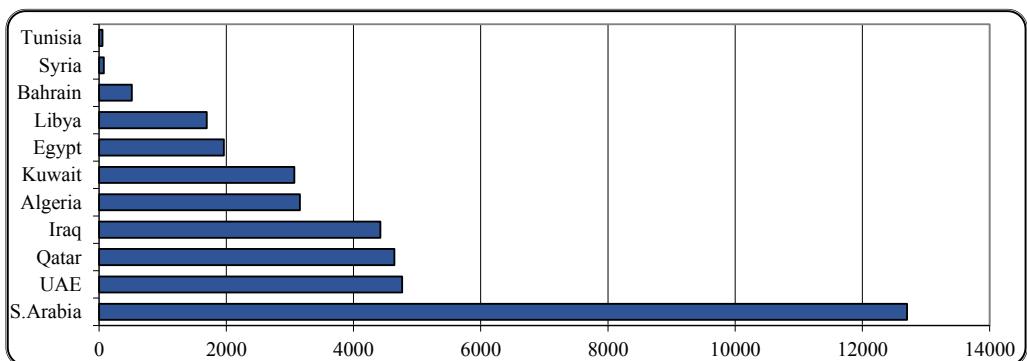


Table No. (7)
Total energy production in OAPEC Members, 2017-2021
(Thousand boe/day)

	2017	2018	2019	2020	2021
Algeria	3205.6	3186.5	3016.7	2774.5	3157.9
Bahrain	474.3	476.1	513.8	515.3	515.1
Egypt	1680.5	1881.8	1970.9	1811.3	1962.3
Iraq	4836.8	4900.8	5119.7	4413.6	4422.8
Kuwait	3209.7	3445.3	3354.8	3079.1	3070.0
Libya	1205.8	1393.5	1610.7	774.6	1692.5
Qatar	4756.2	4828.7	4741.7	4653.6	4643.1
S.Arabia	14029.4	14456.0	13876.6	12797.5	12703.5
Syria*	92.5	83.4	89.4	80.4	73.5
Tunisia*	74.4	70.0	60.7	58.0	55.0
UAE	4772.1	4899.3	5005.8	4730.9	4763.2
OAPEC	38337.4	39621.3	39360.9	35688.8	37058.8

* Year 2021 estimated.

Total energy production in OAPEC Members, 2021
(Thousand boe/day)



Total energy production in OAPEC Members, 2017-2021
(Thousand boe/day)

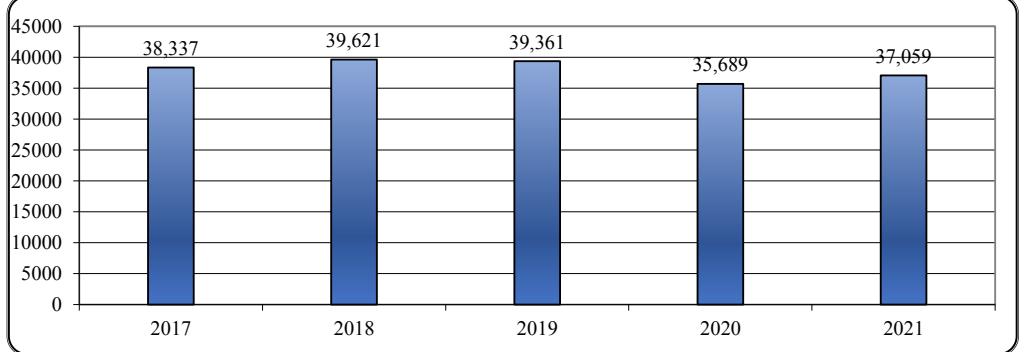
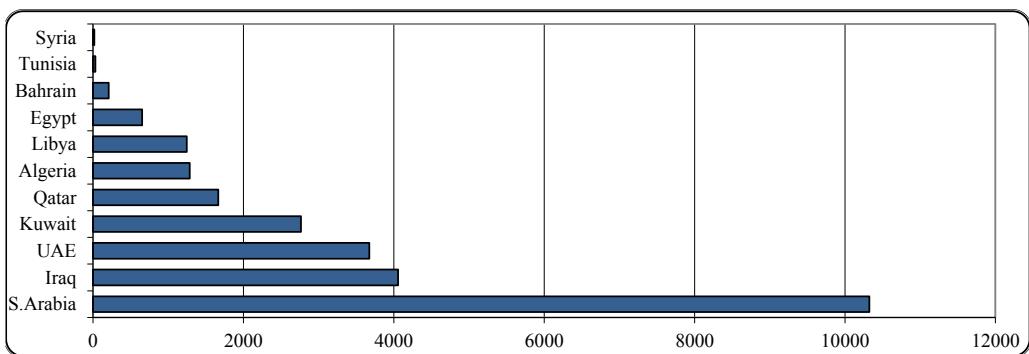


Table No. (8)
Crude oil and Natural gas liquids production in OAPEC Members, 2017-2021
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	1473.0	1440.2	1401.9	1257.8	1287.1
Bahrain	206.6	205.0	212.6	212.2	207.8
Egypt	721.4	746.0	719.7	681.9	654.1
Iraq	4533.0	4541.4	4727.0	4063.8	4057.3
Kuwait	2909.8	3113.1	3026.0	2774.8	2767.1
Libya	831.0	972.2	1123.7	404.6	1246.6
Qatar	1751.7	1765.8	1716.4	1643.0	1666.0
S.Arabia	11676.7	12043.4	11495.5	10441.7	10324.7
Syria	24.9	16.3	24.5	25.6	16.5
Tunisia	41.3	40.3	36.6	33.9	31.1
UAE	3774.3	3839.2	3910.0	3640.4	3674.3
OAPEC	27943.7	28723.0	28393.9	25179.7	25932.5

Crude oil and Natural gas liquids production in OAPEC Members, 2021
(Thousand b/day)



Crude oil and Natural gas liquids production in OAPEC Members, 2017-2021
(Thousand b/day)

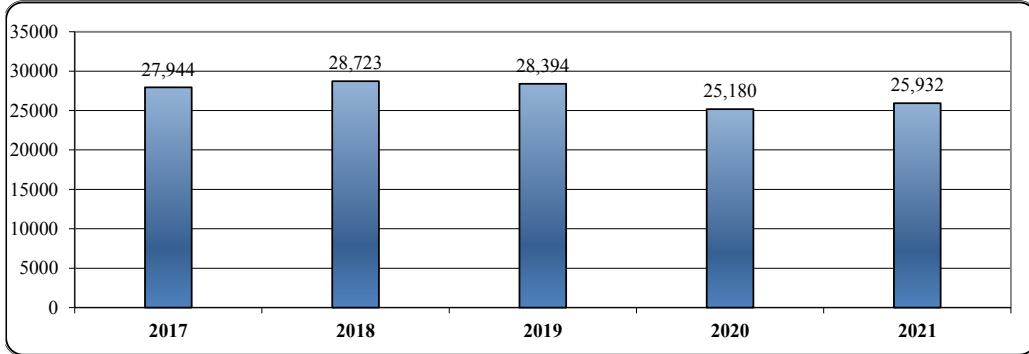
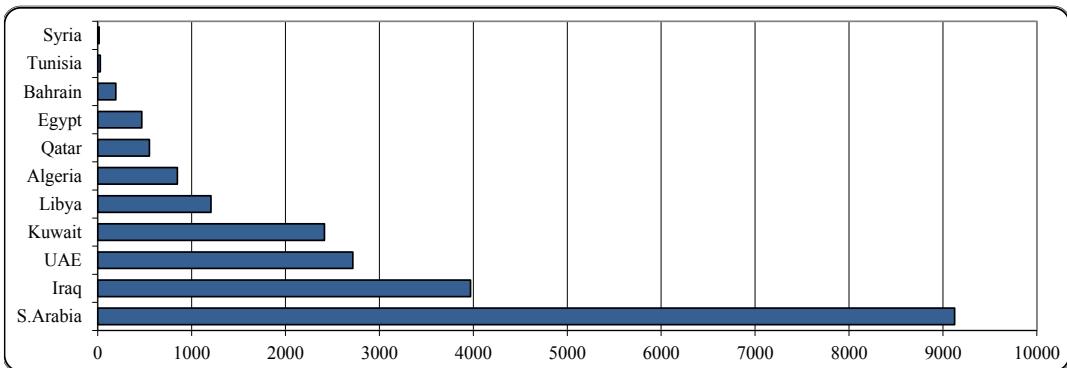




Table No. (9)
Crude oil production in OAPEC Members, 2017-2021
(Thousand b/d)

	2017	2018	2019	2020	2021
Algeria	993.0	970.0	954.2	838.1	849.5
Bahrain	197.0	194.0	194.0	194.1	193.0
Egypt	537.0	544.1	525.8	507.3	469.3
Iraq	4469.0	4410.0	4576.0	3998.0	3971.1
Kuwait	2704.3	2736.2	2677.8	2439.4	2414.4
Libya	811.0	951.0	1096.6	389.3	1207.0
Qatar	605.0	600.6	579.9	554.3	551.3
S.Arabia	9959.7	10315.4	9808.2	9238.4	9124.7
Syria	24.6	16.0	24.0	25.0	16.0
Tunisia	36.8	36.4	33.5	30.9	28.7
UAE	2967.0	3007.2	3058.0	2780.3	2716.9
OAPEC	23304.4	23780.8	23528.0	20995.1	21541.9
Rest of the world	62235.6	63469.2	63530.0	61971.9	61441.1
Total World	85540.0	87250.0	87058.0	82967.0	82983.0

Crude oil production in OAPEC Members, 2021
(Thousand b/day)



Crude oil production in OAPEC Members, 2017-2021
(Thousand b/day)

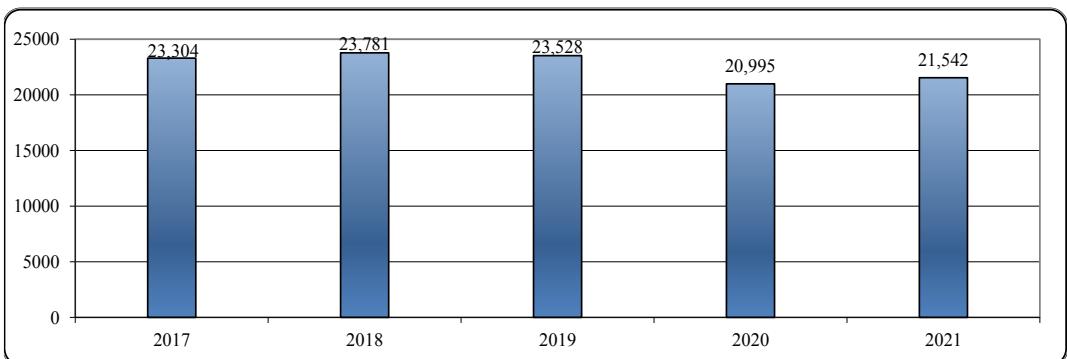
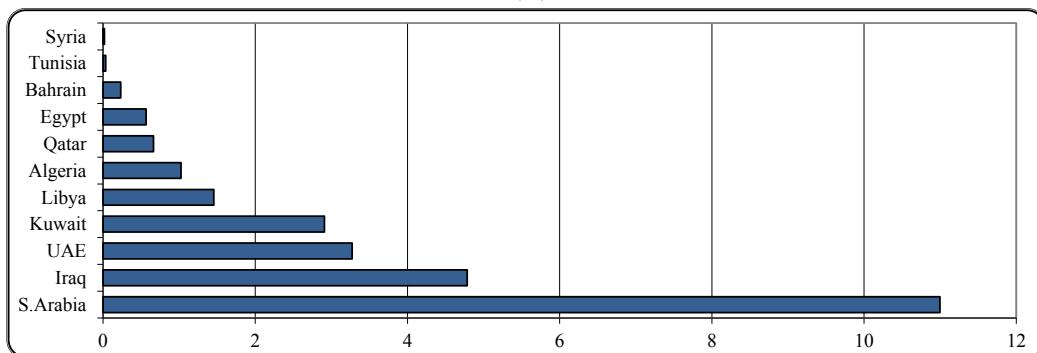


Table No. (10)
OAPEC Members share of world crude oil production, 2017-2021
(%)

	2017	2018	2019	2020	2021
Algeria	1.16	1.11	1.10	1.01	1.02
Bahrain	0.23	0.22	0.22	0.23	0.23
Egypt	0.63	0.62	0.60	0.61	0.57
Iraq	5.22	5.05	5.26	4.82	4.79
Kuwait	3.16	3.14	3.08	2.94	2.91
Libya	0.95	1.09	1.26	0.47	1.45
Qatar	0.71	0.69	0.67	0.67	0.66
S.Arabia	11.64	11.82	11.27	11.14	11.00
Syria	0.03	0.02	0.03	0.03	0.02
Tunisia	0.04	0.04	0.04	0.04	0.03
UAE	3.47	3.45	3.51	3.35	3.27
OAPEC	27.2	27.3	27.0	25.3	26.0
Rest of the world	72.8	72.7	73.0	74.7	74.0
Total World	100.0	100.0	100.0	100.0	100.0

OAPEC Members share of world crude oil production, 2021
(%)



OAPEC Members share of world crude oil production, 2017-2021
(%)

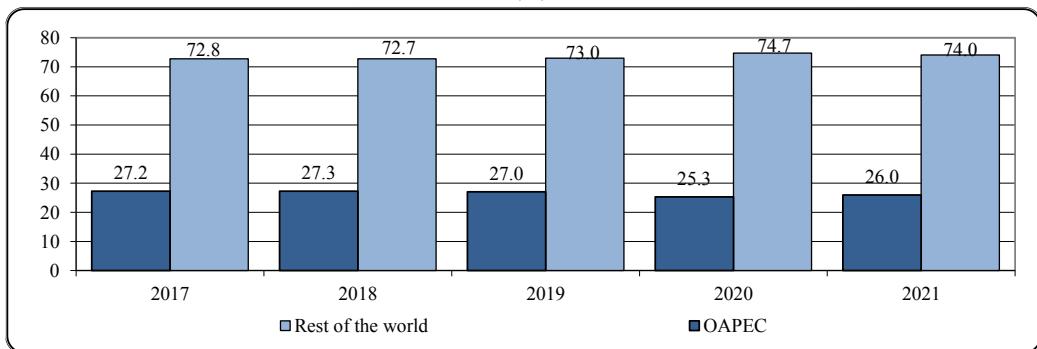
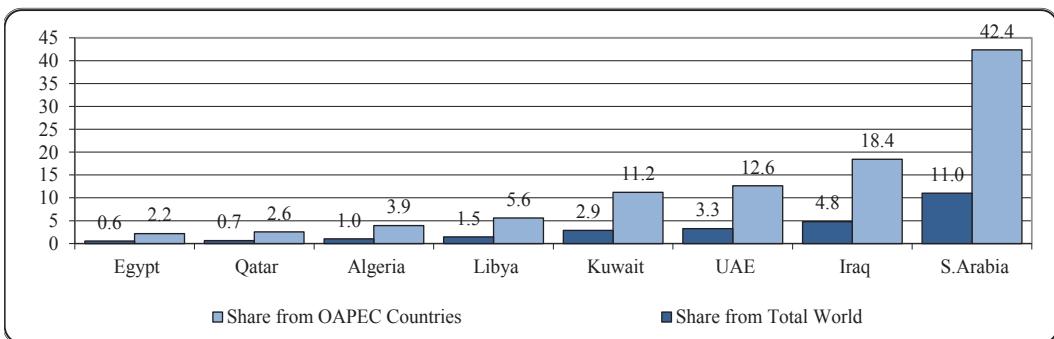




Table No. (11)
OAPEC Members share of world crude oil production, 2021

	Data for Year 2021 (Thousand b/d)	Share from OAPEC member Countries (%)	Share from Total World (%)
Algeria	849.5	3.94	1.02
Bahrain	193.0	0.90	0.23
Egypt	469.3	2.18	0.57
Iraq	3971.1	18.43	4.79
Kuwait	2414.4	11.21	2.91
Libya	1207.0	5.60	1.45
Qatar	551.3	2.56	0.66
S.Arabia	9124.7	42.36	11.00
Syria	16.0	0.07	0.02
Tunisia	28.7	0.13	0.03
UAE	2716.9	12.61	3.27
OAPEC	21541.9	100.0	26.0
Rest of the world	26317.0	-	74.0
Total World	82983.0	-	100.0

**OAPEC Members share of world crude oil production, 2021
(%)**



**OAPEC Members share of world crude oil production, 2021
(%)**

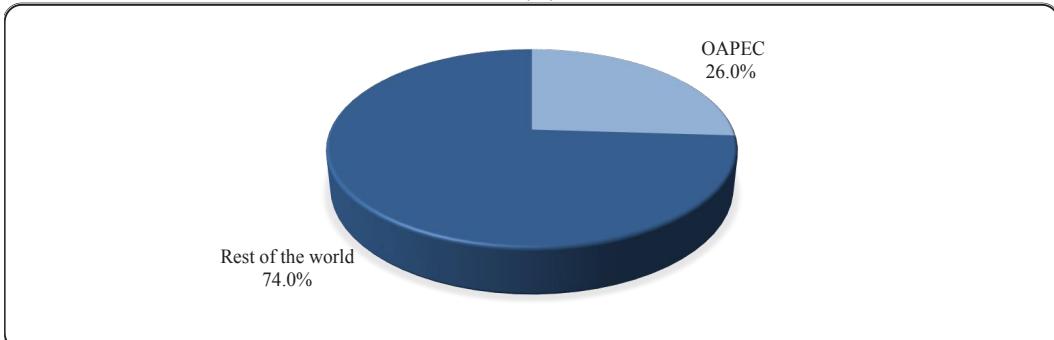
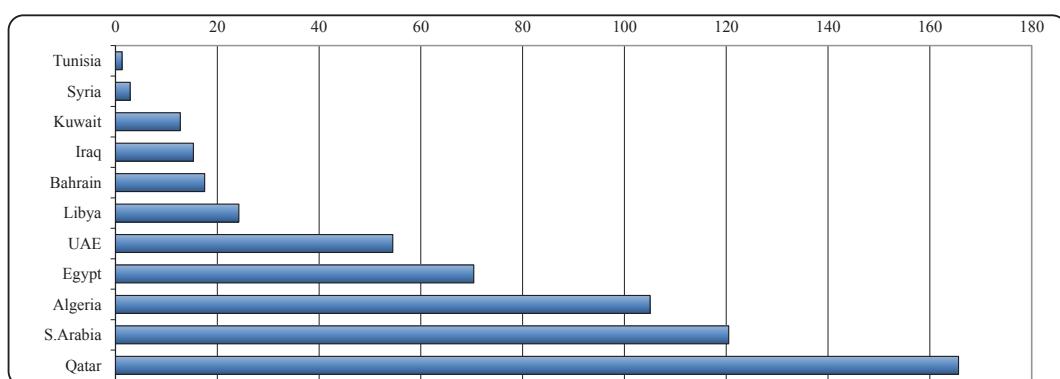


Table No. (12)
Marketed Natural Gas from OAPEC Members, 2017-2021*
(Billion cubic meters)

	2017	2018	2019	2020	2021
Algeria	96.6	97.5	90.0	84.6	105.0
Bahrain	15.3	15.4	17.1	17.3	17.5
Egypt	50.7	60.8	67.5	60.6	70.4
Iraq	11.5	14.5	15.3	14.5	15.3
Kuwait	13.1	13.9	14.0	12.9	12.7
Libya	20.7	23.2	26.8	20.9	24.2
Qatar	167.0	170.3	168.3	167.7	165.6
S.Arabia	115.0	118.0	117.0	119.0	120.5
Syria	3.5	3.5	3.3	2.7	2.9
Tunisia	1.8	1.6	1.3	1.3	1.3
UAE	49.8	53.2	55.1	55.1	54.5
OAPEC	544.8	571.9	575.7	556.6	590.0
Rest of the world	3119.2	3270.1	3401.3	3323.4	3461.0
Total World	3664.0	3842.0	3977.0	3880.0	4051.0

* Excluding Re-injected, flared and loss.

Marketed Natural Gas from OAPEC Members, 2021
(Billion cubic meters)



Marketed Natural Gas from OAPEC Members, 2017-2021
(Billion cubic meters)

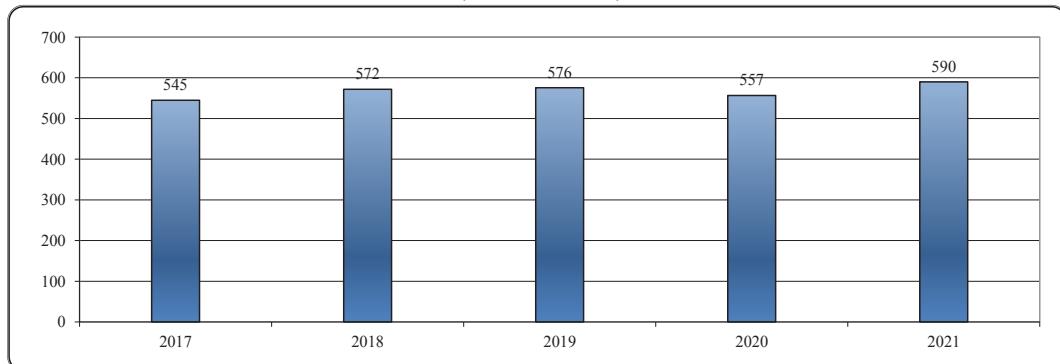


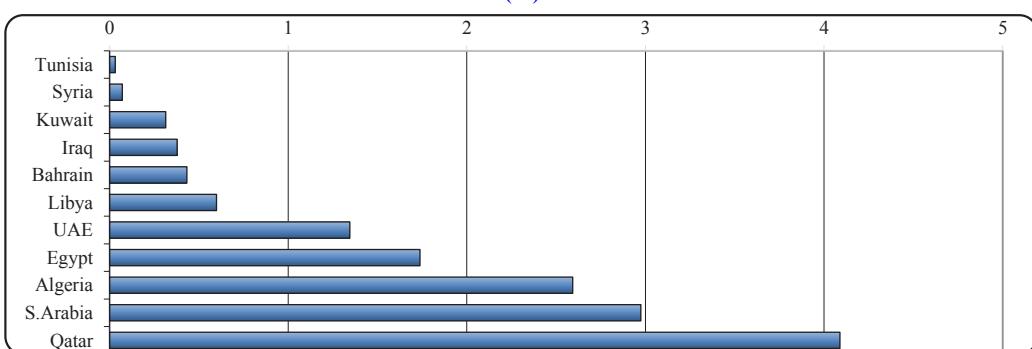


Table No. (13)
OAPEC Members Share of world marketed natural gas*, 2017-2021
(%)

	2017	2018	2019	2020	2021
Algeria	2.64	2.54	2.26	2.18	2.59
Bahrain	0.42	0.40	0.43	0.44	0.43
Egypt	1.38	1.58	1.70	1.56	1.74
Iraq	0.31	0.38	0.38	0.37	0.38
Kuwait	0.36	0.36	0.35	0.33	0.31
Libya	0.56	0.60	0.67	0.54	0.60
Qatar	4.56	4.43	4.23	4.32	4.09
S.Arabia	3.14	3.07	2.94	3.07	2.97
Syria	0.10	0.09	0.08	0.07	0.07
Tunisia	0.05	0.04	0.03	0.03	0.03
UAE	1.36	1.38	1.39	1.42	1.34
OAPEC	14.9	14.9	14.5	14.3	14.6
Rest of the world	85.1	85.1	85.5	85.7	85.4
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, 2021
(%)



OAPEC Members Share of world marketed natural gas, 2017-2021
(%)

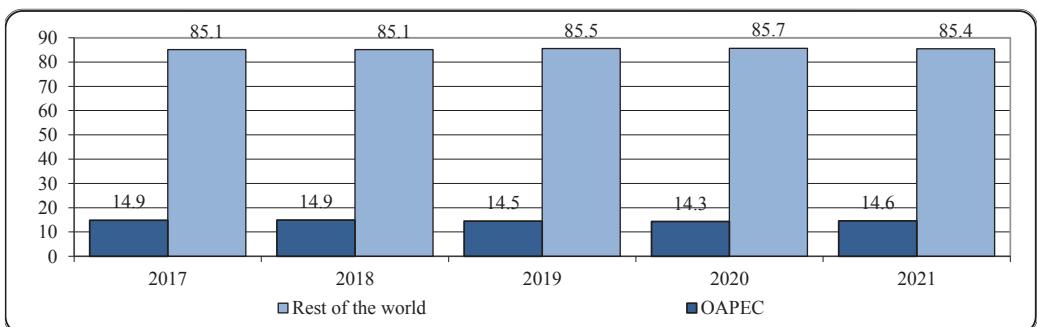
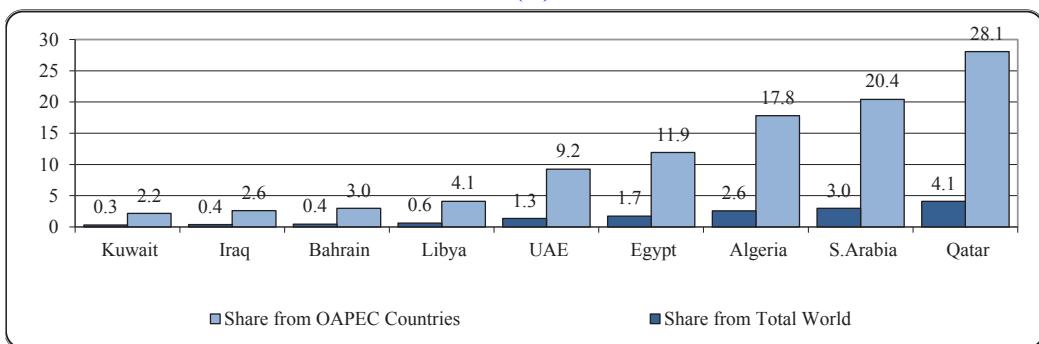


Table No. (14)
OAPEC Members Share of world marketed natural gas*, 2021
(%)

	Data for Year 2021 (Billion cubic meters)	Share from OAPEC member Countries (%)	Share from Total World (%)
UAE	54.5	9.23	1.34
Bahrain	17.5	2.97	0.43
Tunisia	1.3	0.22	0.03
Algeria	105.0	17.80	2.59
S.Arabia	120.5	20.42	2.97
Syria	2.9	0.49	0.07
Iraq	15.3	2.60	0.38
Qatar	165.6	28.07	4.09
Kuwait	12.7	2.16	0.31
Libya	24.2	4.11	0.60
Egypt	70.4	11.93	1.74
OAPEC	590.0	100.0	14.6
Rest of the world	3461.0	-	85.4
Total World	4051.0	-	100.0

* Excluding Re-injected, flared and loss.

OAPEC Members Share of world marketed natural gas, 2021
(%)



OAPEC Members Share of world marketed natural gas, 2021
(%)

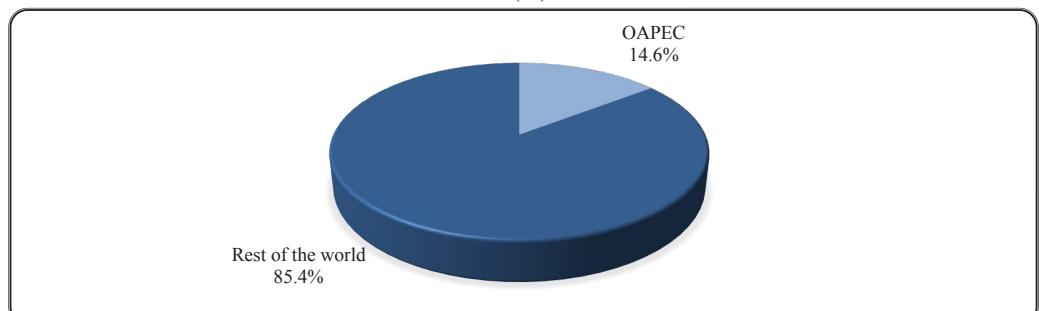


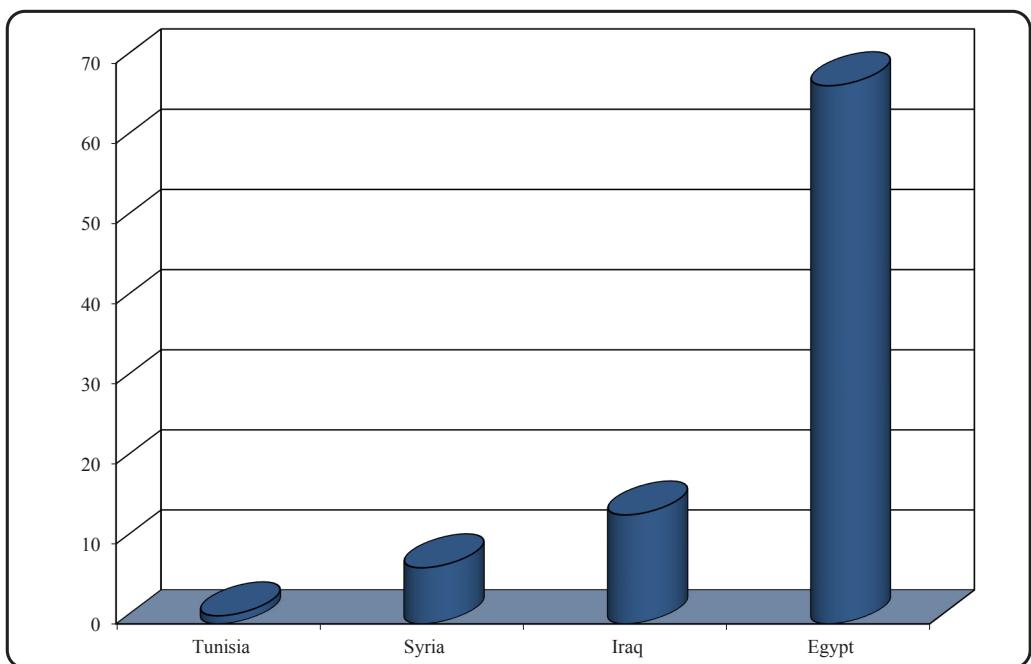


Table No. (15)
Hydro - Electricity production in OAPEC Members, 2017-2021
(Thousand boe/day)

	2017	2018	2019	2020	2021
Algeria	0.1	0.2	0.3	0.1	0.0
Egypt	56.6	57.4	58.6	57.6	67.2
Iraq	10.0	8.3	22.6	14.0	13.6
Syria*	7.0	7.0	7.0	7.0	7.0
Tunisia*	1.0	1.0	1.0	1.0	1.0
OAPEC	74.7	73.9	89.5	79.6	88.8

* Year 2021 estimated.

Hydro - Electricity production in OAPEC Members,2021
(Thousand boe/day)



Part

II

Oil and Natural Gas Processing

2022
Annual
Statistical Report



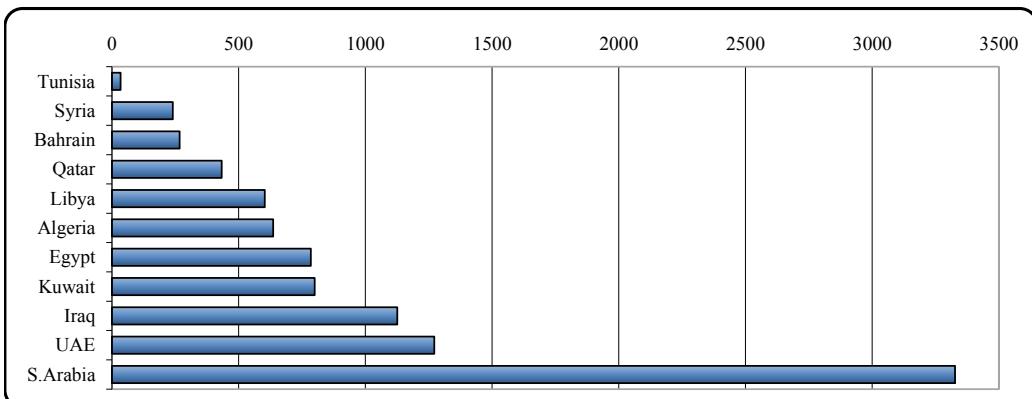


Table No. (16)
Installed refining capacities in OAPEC Members, 2017-2021
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	657.1	657.1	644.9	636.2	636.2
Bahrain	260.0	267.0	267.0	267.0	267.0
Egypt	784.8	784.8	784.8	784.8	784.8
Iraq	740.0	815.0	824.0	1054.0	1126.0
Kuwait	736.0	736.0	724.5	800.0	800.0
Libya	603.0	603.0	603.0	603.0	603.0
Qatar	433.0	433.0	433.0	433.0	433.0
S.Arabia	2916.0	2851.0	2896.0	2927.0	3327.0
Syria*	240.1	240.1	240.1	240.1	240.1
Tunisia*	34.0	34.0	34.0	34.0	34.0
UAE	1127.0	1127.0	1127.0	1272.0	1272.0
OAPEC	8531.0	8548.0	8578.2	9051.1	9523.1

* Year 2021 estimated.

Installed refining capacities in OAPEC Members, 2021
(Thousand b/day)



Installed refining capacities in OAPEC Members, 2017-2021
(Thousand b/day)

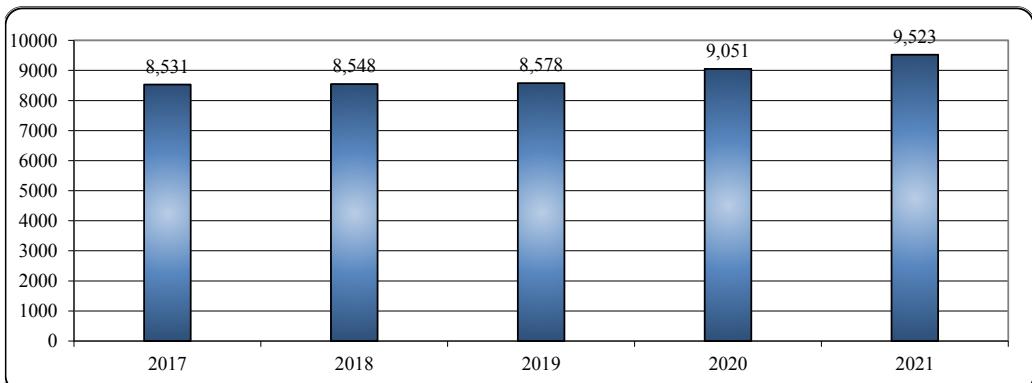


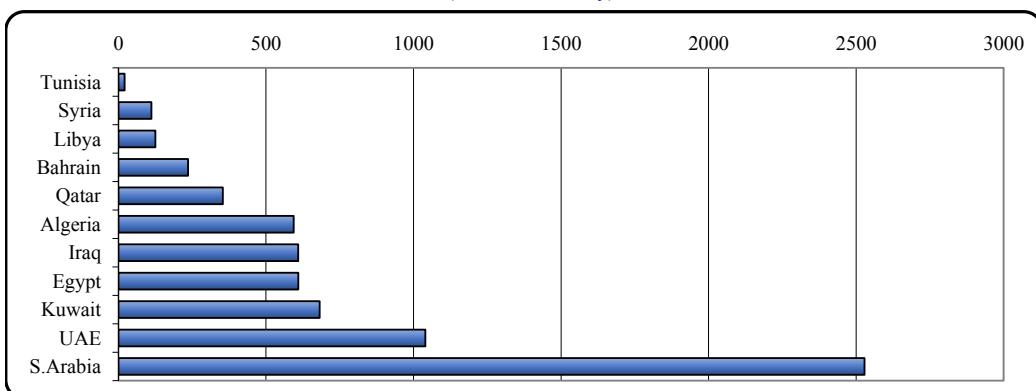
Table No. (17)
Total Oil products production in OAPEC Members, 2017-2021**
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	597.9	632.0	595.1	585.7	593.8
Bahrain	271.2	270.9	274.0	229.7	235.9
Egypt	523.1	541.0	573.4	601.9	609.5
Iraq	483.9	580.3	614.6	529.7	609.1
Kuwait	721.0	741.1	716.3	622.8	681.8
Libya	93.0	94.0	76.0	80.0	125.0
Qatar	360.8	386.3	363.4	342.9	353.6
S.Arabia	2873.7	2817.3	2587.2	2183.2	2528.7
Syria*	111.6	111.6	111.6	111.6	111.6
Tunisia*	20.5	23.8	5.3	20.1	20.7
UAE*	970.1	1130.2	1163.9	925.1	1040.1
OAPEC	7026.8	7328.4	7080.7	6232.7	6909.8

* Year 2021 estimated.

** Include LPG production from outside refineries.

Total Oil products production in OAPEC Members, 2021
(Thousand b/day)



Total Oil products production in OAPEC Members, 2017-2021
(Thousand b/day)

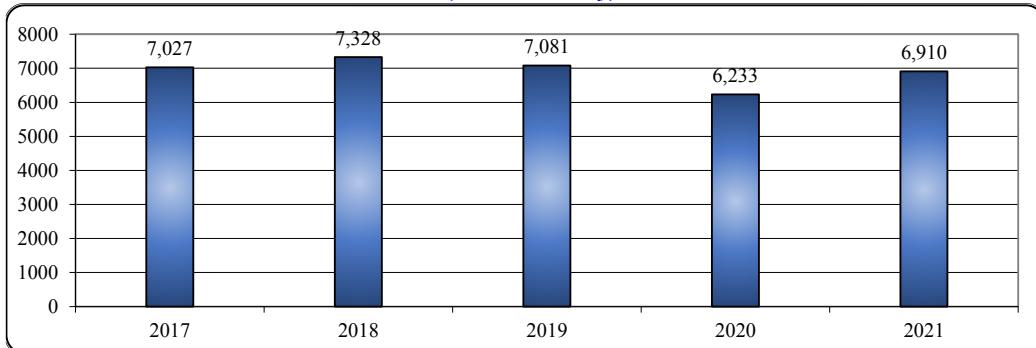




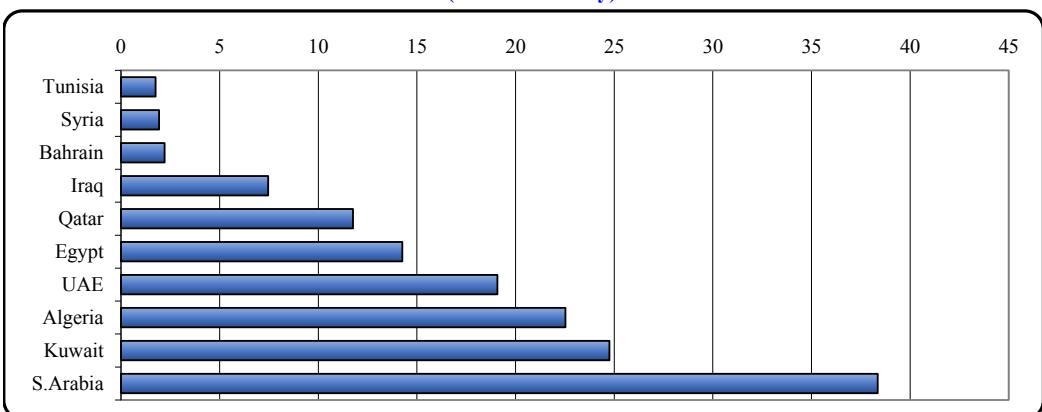
Table No. (18)
LPG production in OAPEC Members, 2017-2021**
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	23.7	21.0	21.0	21.4	22.5
Bahrain	2.2	2.3	2.3	2.2	2.2
Egypt	15.8	16.5	16.2	14.4	14.3
Iraq	5.5	8.0	6.6	7.5	7.5
Kuwait	26.7	25.5	23.8	20.3	24.8
Libya					
Qatar	13.5	11.8	13.1	11.6	11.8
S.Arabia	42.6	46.8	26.6	35.4	38.4
Syria*	1.9	1.9	1.9	1.9	1.9
Tunisia*	2.6	2.7	2.0	2.2	1.8
UAE*	32.4	26.1	18.3	15.9	19.1
OAPEC	166.9	162.5	131.9	132.7	144.1

* Year 2021 estimated.

** Include LPG production from outside refineries.

LPG production in OAPEC Members, 2021
(Thousand b/day)



LPG production in OAPEC Members, 2017-2021
(Thousand b/day)

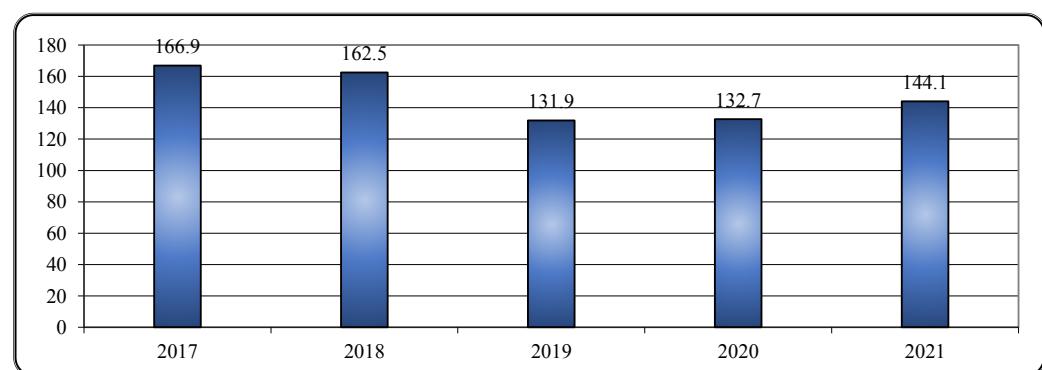
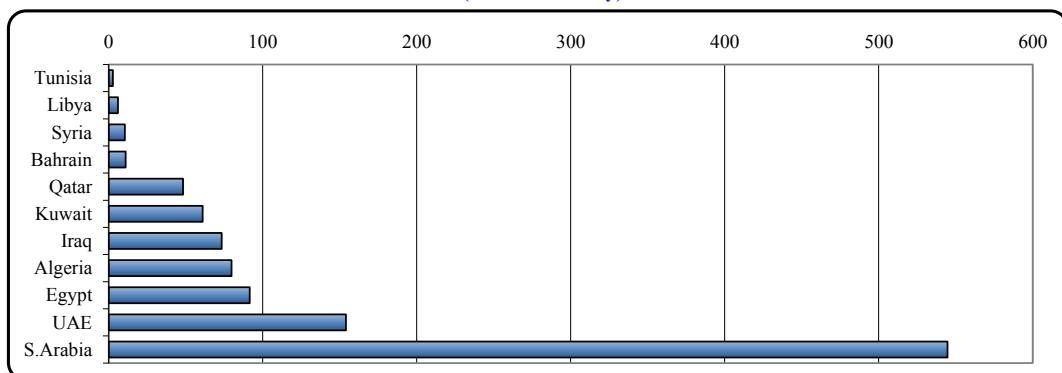


Table No. (19)
Gasoline production in OAPEC Members, 2017-2021
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	59.3	87.3	75.8	72.1	79.8
Bahrain	17.3	17.3	17.6	12.5	11.0
Egypt	85.2	85.3	80.2	83.6	91.6
Iraq	69.1	83.7	84.9	70.7	73.4
Kuwait	57.0	51.6	61.0	51.1	61.0
Libya*	8.0	5.0	3.0	3.0	6.0
Qatar	45.1	41.2	46.9	45.0	48.2
S.Arabia	557.7	545.4	548.4	455.7	544.7
Syria*	10.5	10.5	10.5	10.5	10.5
Tunisia*	2.3	0.6	0.5	1.6	2.7
UAE*	90.2	84.0	136.7	137.1	154.0
OAPEC	1001.7	1011.6	1065.3	942.8	1082.8

* Year 2021 estimated.

Gasoline production in OAPEC Members, 2021
(Thousand b/day)



Gasoline production in OAPEC Members, 2017-2021
(Thousand b/day)

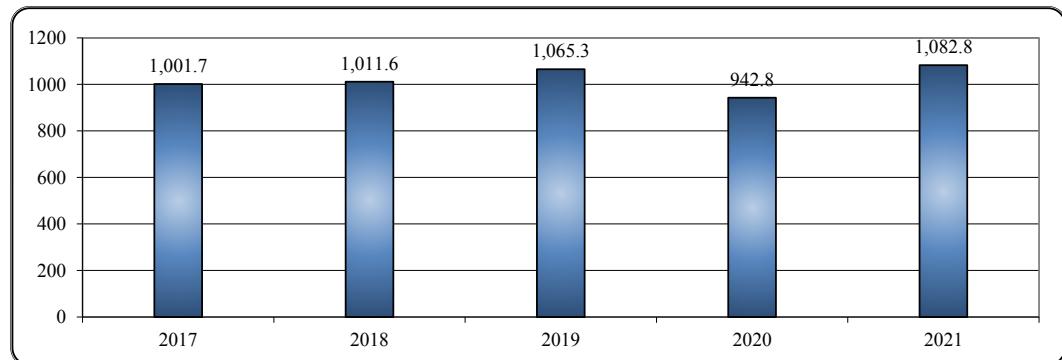


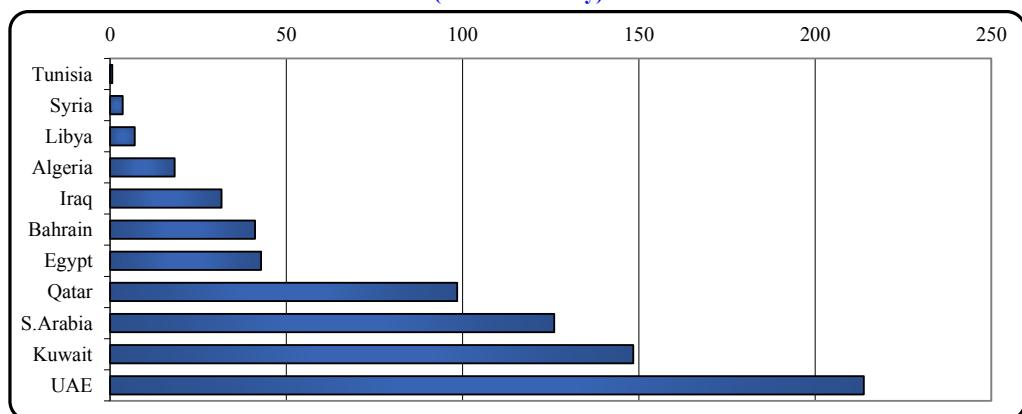


Table No. (20)
Kerosene and jet fuel production in OAPEC Members, 2017-2021
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	33.2	32.2	26.0	21.5	18.3
Bahrain	66.3	66.3	65.9	49.4	41.1
Egypt	45.4	55.6	56.2	49.4	42.8
Iraq	31.9	33.1	34.9	30.0	31.6
Kuwait	143.4	144.4	136.4	115.0	148.4
Libya	9.0	6.0	4.0	4.0	7.0
Qatar	109.1	122.2	100.3	96.1	98.5
S.Arabia	248.1	262.5	232.3	145.7	126.0
Syria*	3.6	3.6	3.6	3.6	3.6
Tunisia*	1.3	0.7	0.2	0.4	0.6
UAE*	269.0	280.4	256.7	187.4	213.8
OAPEC	960.3	1007.0	916.5	702.4	731.8

* Year 2021 estimated.

Kerosene and jet fuel production in OAPEC Members, 2021
(Thousand b/day)



Kerosene and jet fuel production in OAPEC Members, 2017-2021
(Thousand b/day)

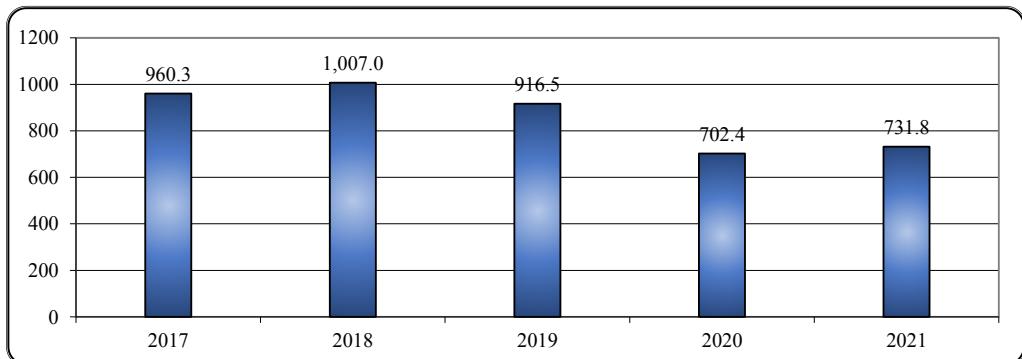
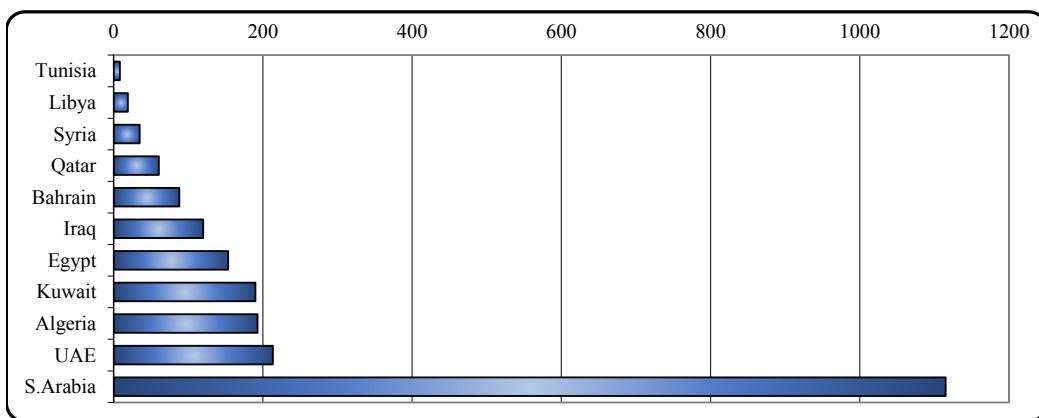


Table No. (21)
Production of gas oil and diesel in OAPEC Members, 2017-2021
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	169.1	201.8	190.0	188.4	192.8
Bahrain	82.9	80.9	83.4	78.0	87.9
Egypt	142.2	138.3	141.8	151.2	153.4
Iraq	80.4	113.2	122.9	105.7	120.0
Kuwait	177.3	179.4	168.1	180.8	190.0
Libya	19.0	14.0	10.0	11.0	19.0
Qatar	52.3	49.9	54.8	63.0	60.5
S.Arabia	1079.3	1072.7	1056.9	987.3	1115.2
Syria*	34.8	34.8	34.8	34.8	34.8
Tunisia*	6.2	8.1	0.8	8.3	8.3
UAE*	217.7	227.7	248.3	193.8	213.4
OAPEC	2061.2	2120.7	2111.6	2002.2	2195.2

* Year 2021 estimated.

Production of gas oil and diesel in OAPEC Members, 2021
(Thousand b/day)



Production of gas oil and diesel in OAPEC Members, 2017-2021
(Thousand b/day)

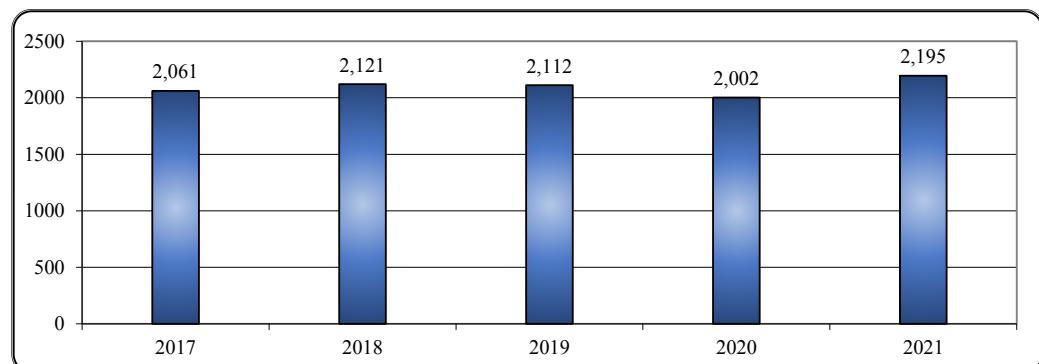


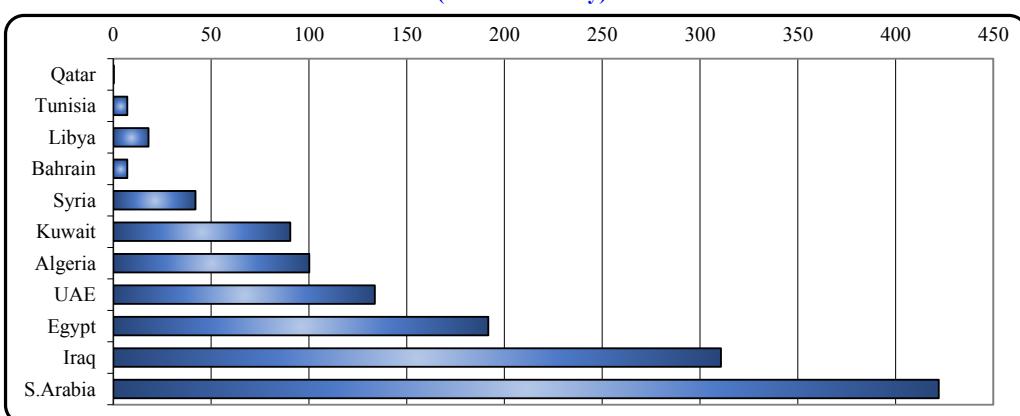


Table No. (22)
Fuel oil production in OAPEC Members, 2017-2021
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	116.1	105.6	107.3	107.1	100.2
Bahrain	49.9	47.1	48.3	35.2	40.8
Egypt	144.3	155.1	175.7	194.6	191.8
Iraq	271.5	301.5	314.5	264.0	310.7
Kuwait	138.7	142.7	146.9	72.8	90.5
Libya	22.0	15.0	10.0	11.0	18.0
Qatar	3.4	2.7	3.2	1.0	0.2
S.Arabia	466.1	455.4	423.7	345.6	422.1
Syria*	42.0	42.0	42.0	42.0	42.0
Tunisia*	5.9	6.1	1.0	7.1	7.1
UAE*	50.3	52.3	121.4	118.6	133.7
OAPEC	1310.2	1325.5	1393.8	1199.1	1357.1

* Year 2021 estimated.

Fuel oil production in OAPEC Members, 2021
(Thousand b/day)



Fuel oil production in OAPEC Members, 2017-2021
(Thousand b/day)

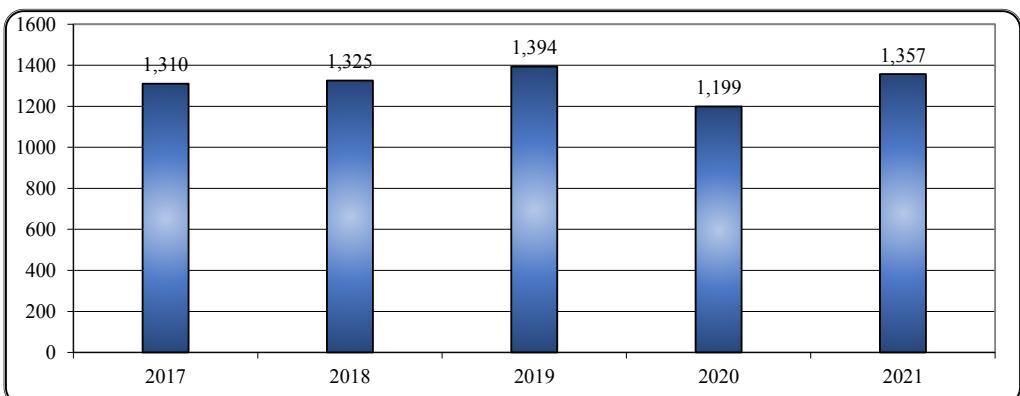


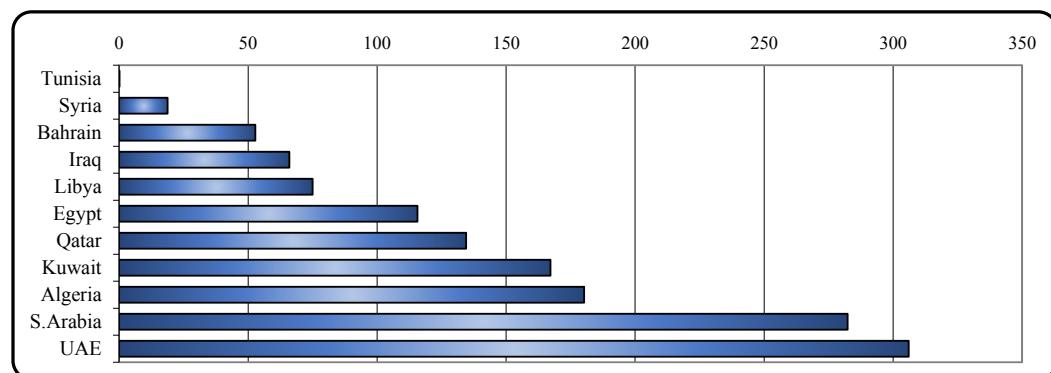
Table No. (23)
Production of other oil products in OAPEC Members, 2017-2021**
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	196.5	184.0	175.1	175.2	180.2
Bahrain	52.6	57.0	56.5	52.5	52.8
Egypt	90.3	90.3	103.4	108.7	115.6
Iraq	25.4	40.9	50.8	51.9	66.0
Kuwait	178.0	197.5	180.2	182.9	167.2
Libya	35.0	54.0	49.0	51.0	75.0
Qatar	137.3	158.6	145.1	126.3	134.5
S.Arabia	479.9	434.6	299.3	213.5	282.4
Syria*	18.8	18.8	18.8	18.8	18.8
Tunisia*	2.2	5.6	0.8	0.5	0.2
UAE*	310.6	459.8	382.6	272.2	306.0
OAPEC	1526.5	1701.1	1461.5	1253.5	1398.7

* Year 2021 estimated.

** Include asphalt, lubricants, naphtha and others.

Production of other oil products in OAPEC Members, 2021
(Thousand b/day)



Production of other oil products in OAPEC Members, 2017-2021
(Thousand b/day)

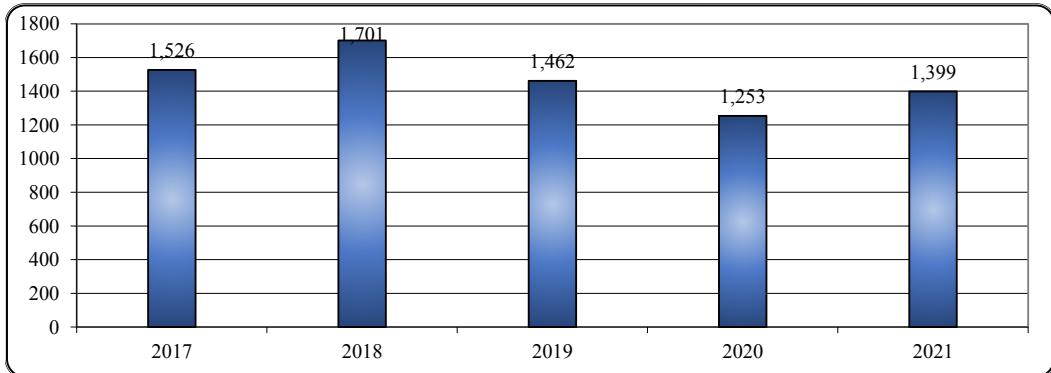
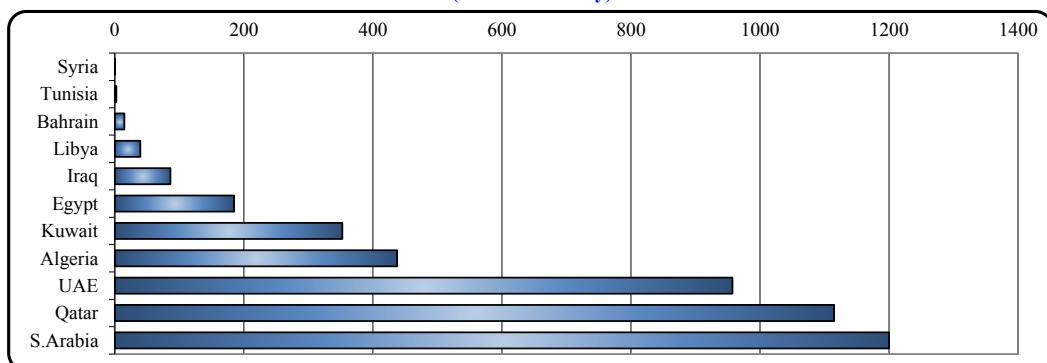




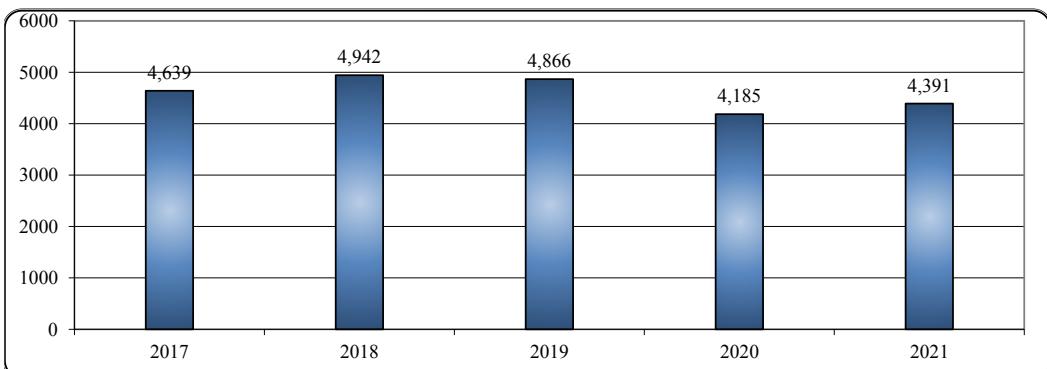
Table No. (24)
Production of gas liquids from natural gas processing units in OAPEC Members, 2017 - 2021
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	480.0	470.2	447.7	419.7	437.6
Bahrain	9.6	11.0	18.6	18.1	14.8
Egypt	184.4	201.9	193.9	174.6	184.8
Iraq	64.0	131.4	151.0	65.8	86.2
Kuwait	205.5	377.0	348.2	335.4	352.7
Libya	20.0	21.2	27.1	15.3	39.6
Qatar	1146.7	1165.3	1136.5	1088.8	1114.7
S.Arabia	1717.0	1728.0	1687.3	1203.3	1200.0
Syria	0.3	0.3	0.5	0.6	0.5
Tunisia	4.5	3.9	3.1	3.0	2.4
UAE	807.3	832.0	852.0	860.1	957.3
OAPEC	4639.3	4942.2	4865.9	4184.6	4390.6

Production of gas liquids from natural gas processing units in OAPEC Members, 2021
(Thousand b/day)



Production of gas liquids from natural gas processing units in OAPEC Members, 2017 - 2021
(Thousand b/day)



Part
III

Consumption of Oil and Energy

2022
Annual
Statistical Report



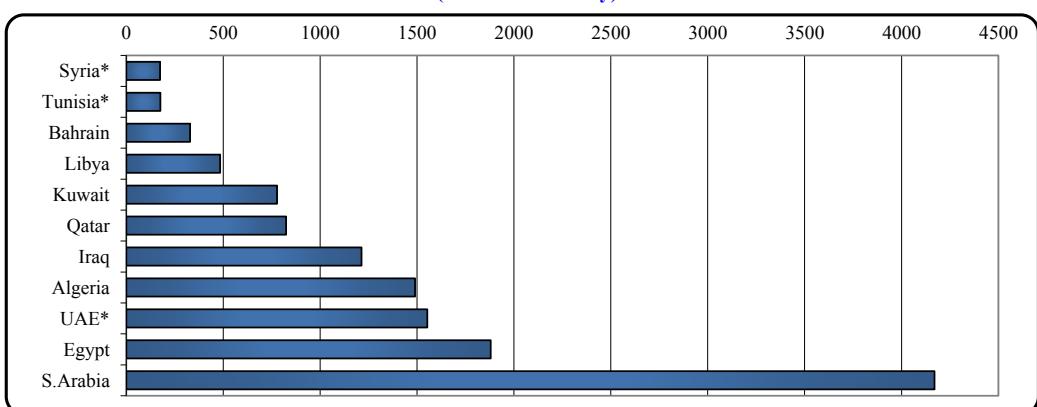


Table No. (25)
Total energy consumption in OAPEC Members, 2017-2021
(Thousand boe/day)

	2017	2018	2019	2020	2021
Algeria	1153.5	1233.3	1273.0	1262.0	1489.7
Bahrain	294.4	300.9	326.9	324.6	329.1
Egypt	1897.1	1936.4	1873.9	1729.0	1880.3
Iraq	983.2	1164.2	1360.9	1099.4	1213.7
Kuwait	670.2	688.7	685.1	658.2	777.7
Libya	504.7	561.0	596.2	486.4	484.1
Qatar	915.9	906.3	858.4	904.0	824.5
S. Arabia	4290.4	4408.7	5118.6	4127.7	4170.1
Syria*	196.8	230.4	204.9	182.1	174.0
Tunisia*	172.9	173.6	178.1	168.6	175.8
UAE*	1662.2	1534.5	1529.0	1507.1	1553.1
OAPEC	12741.6	13137.9	14004.9	12449.2	13072.2

* Year 2021 estimated.

Total energy consumption in OAPEC Members, 2021
(Thousand boe/day)



Total energy consumption in OAPEC Members, 2017-2021
(Thousand boe/day)

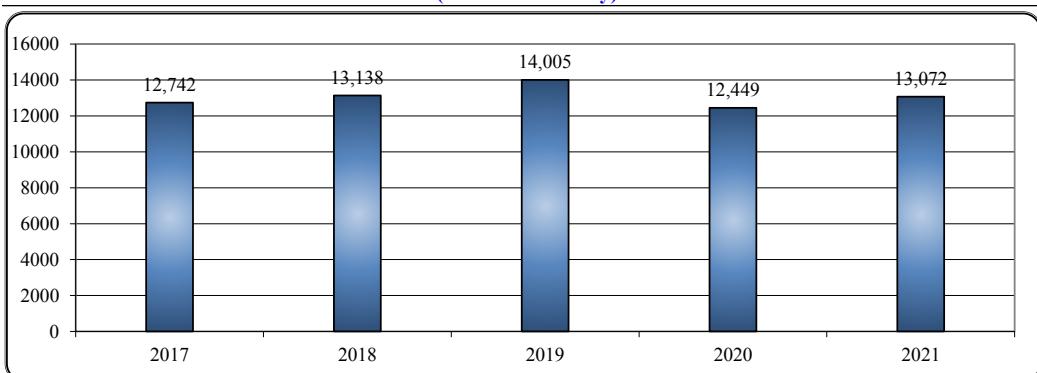


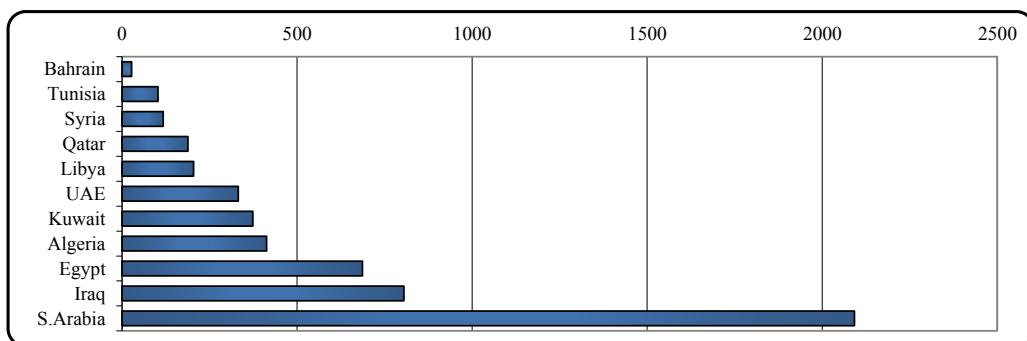
Table No. (26)
Oil consumption in OAPEC Members, 2017-2021**
(Thousand boe/day)

	2017	2018	2019	2020	2021
Algeria	415.7	432.6	450.9	392.2	412.8
Bahrain	31.6	34.8	31.4	27.1	27.1
Egypt	811.3	774.5	730.1	626.4	686.5
Iraq	750.1	897.3	919.7	650.0	804.9
Kuwait	363.5	369.0	363.4	343.6	373.5
Libya	225.2	234.1	232.1	199.7	204.2
Qatar	255.1	192.6	163.9	192.7	188.0
S.Arabia	2306.4	2373.3	3100.3	2075.2	2092.0
Syria*	129.7	163.6	140.5	127.9	117.4
Tunisia*	103.9	103.5	104.7	97.1	102.5
UAE*	534.7	350.2	313.7	282.0	331.9
OAPEC	5927.2	5925.4	6550.8	5014.0	5340.9

* Year 2021 estimated.

** Oil consumption doesn't includ international air and marine bunkers as well as direct crude burning.

Oil consumption in OAPEC Members, 2021
(Thousand boe/day)



Oil consumption in OAPEC Members, 2017-2021
(Thousand boe/day)

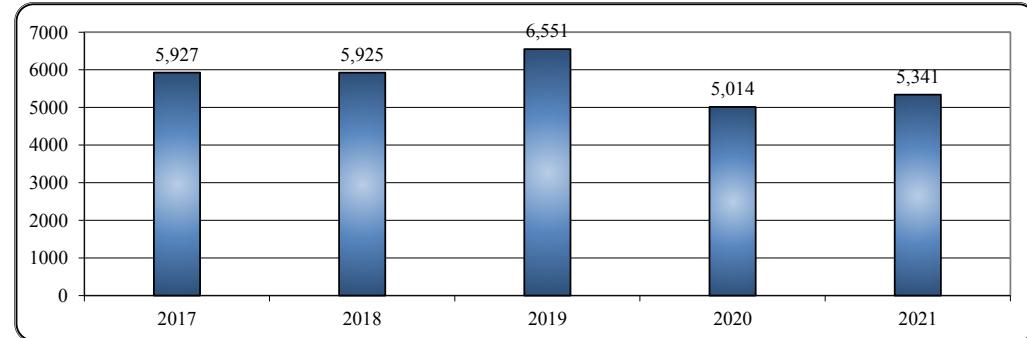


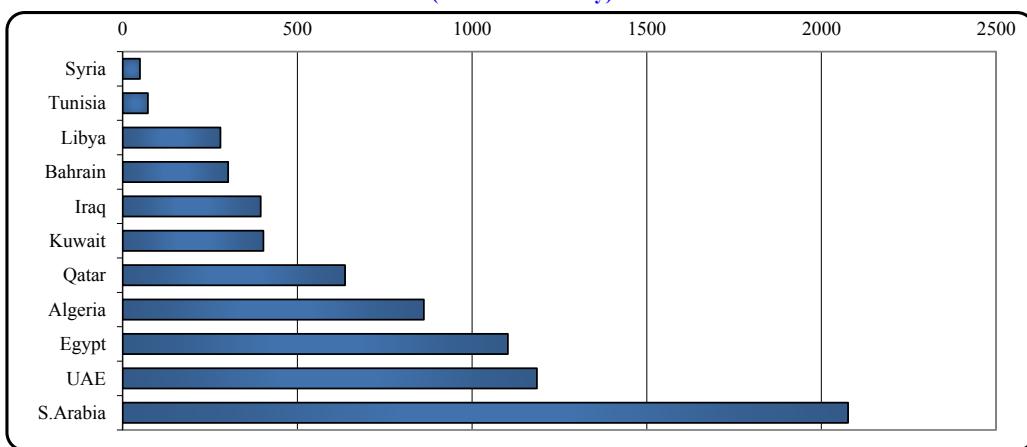


Table No. (27)
Natural gas consumption in OAPEC Members, 2017-2021
(Thousand boe/day)

	2017	2018	2019	2020	2021
Algeria	734.0	790.4	813.5	777.8	862.1
Bahrain	262.8	266.1	295.5	297.4	302.0
Egypt	1005.0	1061.3	1046.8	1030.7	1102.6
Iraq	223.1	258.5	418.6	435.5	395.1
Kuwait	303.2	315.8	318.1	313.9	402.9
Libya	279.5	326.9	364.1	286.7	279.9
Qatar	660.8	713.7	694.5	711.3	636.5
S.Arabia	1981.8	2033.5	2016.2	2050.7	2076.3
Syria*	60.1	59.8	57.3	47.2	49.6
Tunisia*	68.1	69.1	72.3	70.5	72.3
UAE*	1084.8	1145.7	1175.6	1187.1	1185.8
OAPEC	6663.3	7041.0	7272.7	7208.9	7365.2

* Year 2021 estimated.

Natural gas consumption in OAPEC Members, 2021
(Thousand boe/day)



Natural gas consumption in OAPEC Members, 2017-2021
(Thousand boe/day)

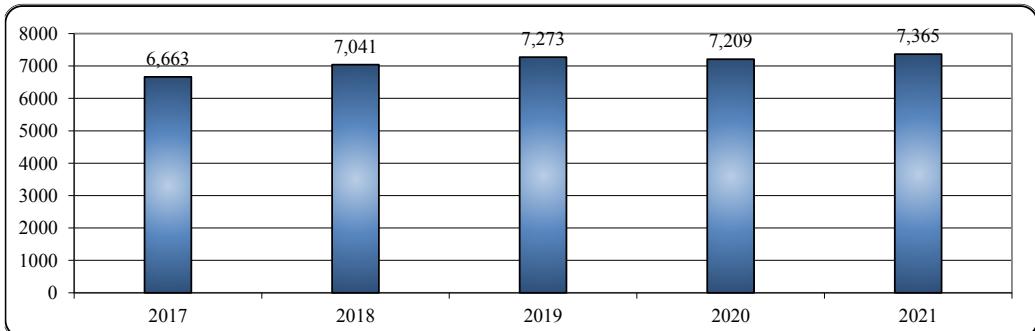
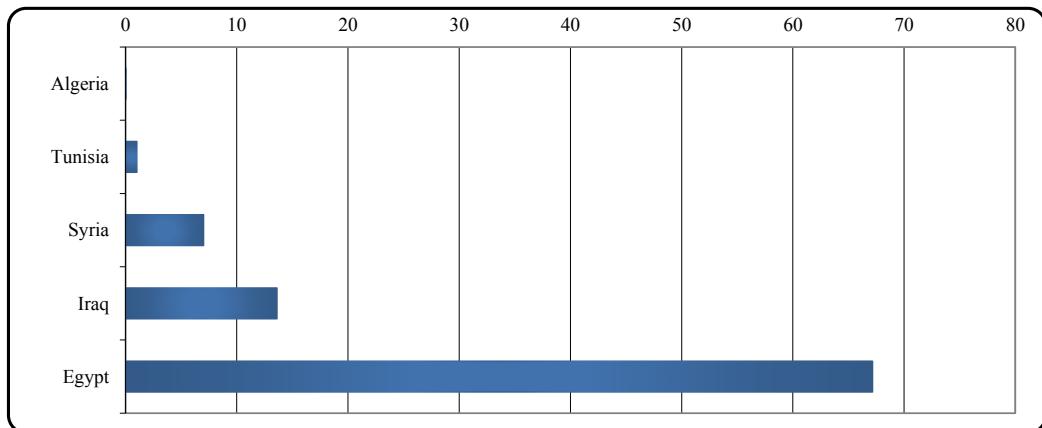


Table No. (28)
Hydro- Electricityr consumption in OAPEC Members, 2017-2021
(Thousand boe/day)

	2017	2018	2019	2020	2021
Algeria	0.1	0.2	0.3	0.1	0.0
Egypt	56.6	57.4	58.6	57.6	67.2
Iraq	10.0	8.3	22.6	14.0	13.6
Syria*	7.0	7.0	7.0	7.0	7.0
Tunisia*	1.0	1.0	1.0	1.0	1.0
OAPEC	74.7	73.9	89.5	79.6	88.8

* Year 2021 estimated.

Hydro- Electricityr consumption in OAPEC Members, 2021
(Thousand boe/day)



Hydro- Electricityr consumption in OAPEC Members, 2017-2021
(Thousand boe/day)

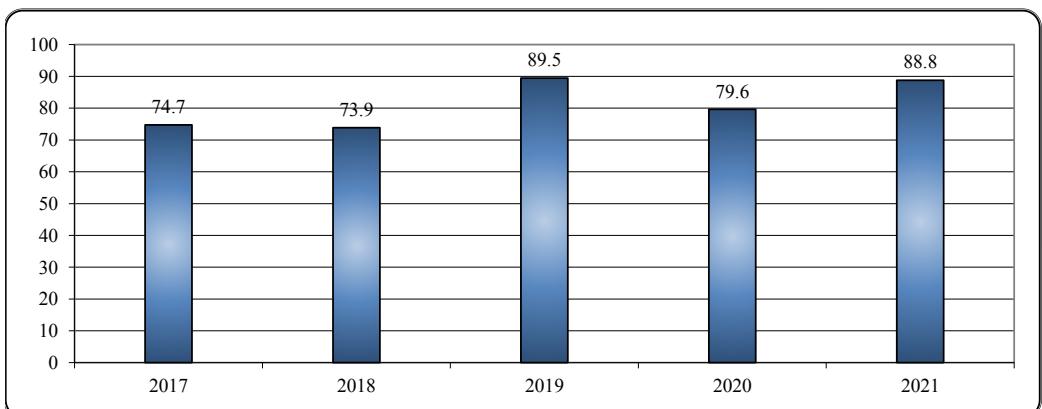


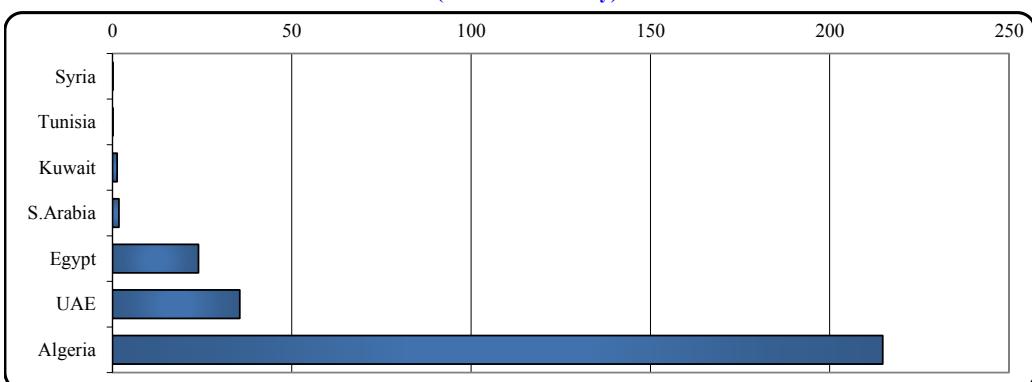


Table No. (29)
Coal consumption in OAPEC Members, 2017-2021
(Thousand boe/day)

	2017	2018	2019	2020	2021
Algeria	3.65	10.04	8.30	91.90	214.80
Egypt	24.24	43.24	38.37	14.39	23.98
Kuwait	3.42	3.85	3.50	0.60	1.30
S.Arabia	2.30	1.90	2.00	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	42.75	38.60	39.70	38.00	35.50
OAPEC	76.41	97.67	91.91	146.73	277.42

* Year 2021 estimated.

Coal consumption in OAPEC Members, 2021
(Thousand boe/day)



Coal consumption in OAPEC Members, 2017-2021
(Thousand boe/day)

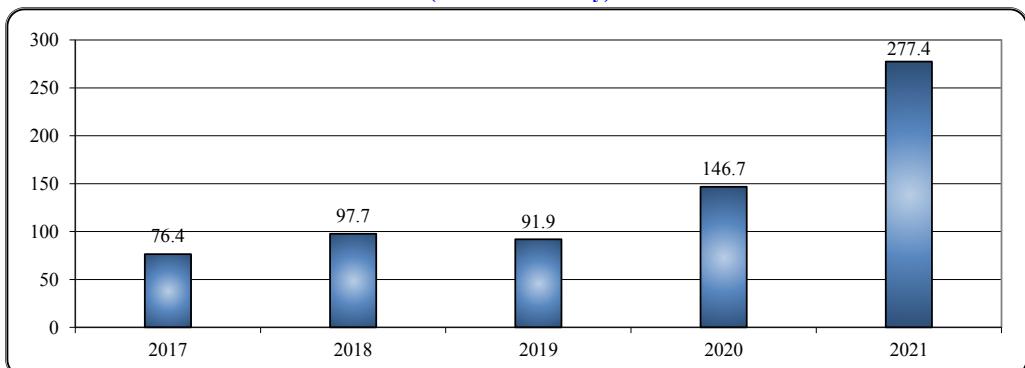


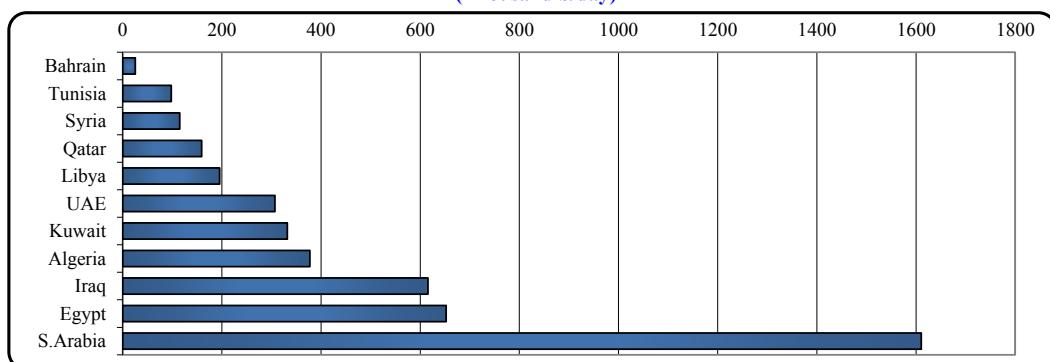
Table No. (30)
Total consumption of oil products in OAPEC Members, 2017-2021**
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	384.6	396.1	407.8	358.5	377.5
Bahrain	29.7	31.1	27.8	24.0	25.4
Egypt	779.8	711.8	664.1	594.3	652.4
Iraq	617.6	685.8	679.5	491.1	615.7
Kuwait	331.5	347.4	343.9	264.5	332.1
Libya	216.8	225.3	222.9	191.1	195.6
Qatar	173.3	177.7	149.8	145.7	159.3
S.Arabia	1924.4	1947.5	2267.9	1614.3	1610.6
Syria*	127.6	160.7	137.9	125.5	115.1
Tunisia*	99.5	98.9	100.1	92.7	97.9
UAE*	489.7	318.2	289.4	260.0	307.0
OAPEC	5174.7	5100.3	5291.1	4161.8	4488.5

* Year 2021 estimated.

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

Total consumption of oil products in OAPEC Members, 2017-2021
(Thousand b/day)



Total consumption of oil products in OAPEC Members, 2017-2021
(Thousand b/day)

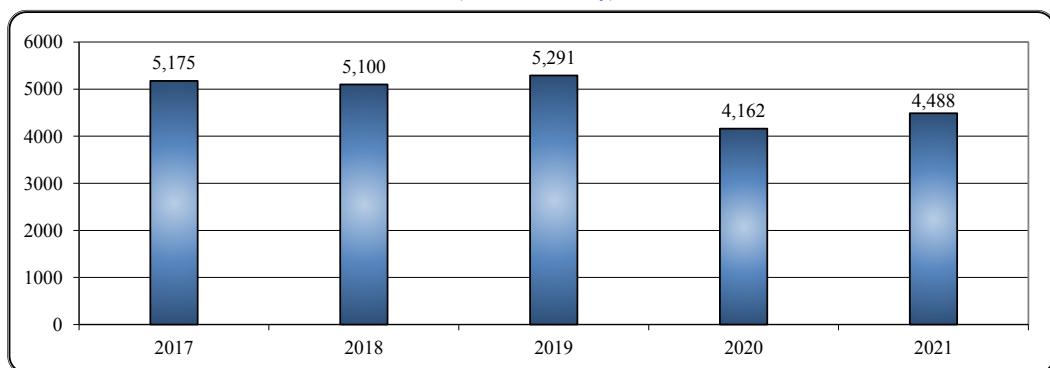


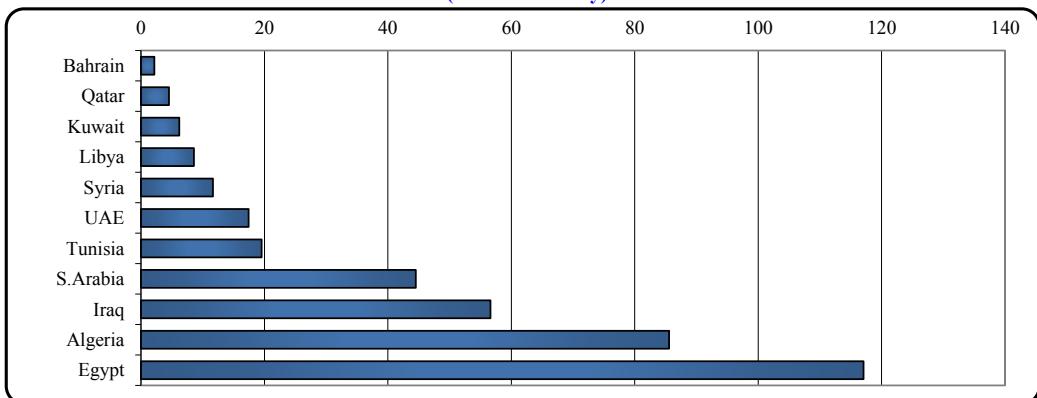


Table No. (31)
LPG consumption in OAPEC Members, 2017-2021
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	63.6	71.0	76.8	77.2	85.6
Bahrain	2.2	2.3	2.3	2.2	2.2
Egypt	134.2	126.3	120.3	118.3	117.1
Iraq	51.5	55.4	57.9	56.2	56.6
Kuwait	6.3	6.5	6.8	6.3	6.2
Libya	8.8	9.3	8.9	8.1	8.6
Qatar	4.4	4.9	5.1	5.0	4.5
S.Arabia	47.3	47.0	45.8	36.3	44.5
Syria*	12.7	16.0	13.8	12.6	11.7
Tunisia*	17.9	18.4	19.3	19.1	19.6
UAE*	17.8	16.6	16.3	14.8	17.4
OAPEC	366.7	373.7	373.2	355.9	374.0

* Year 2021 estimated.

LPG consumption in OAPEC Members, 2021
(Thousand b/day)



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

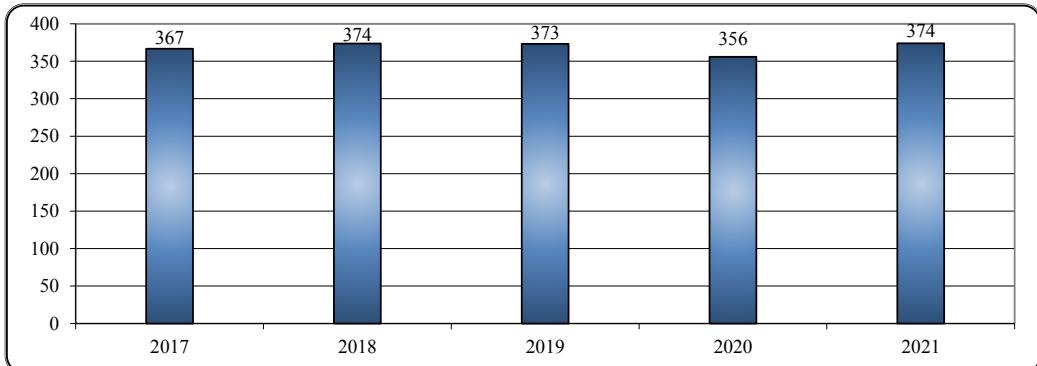
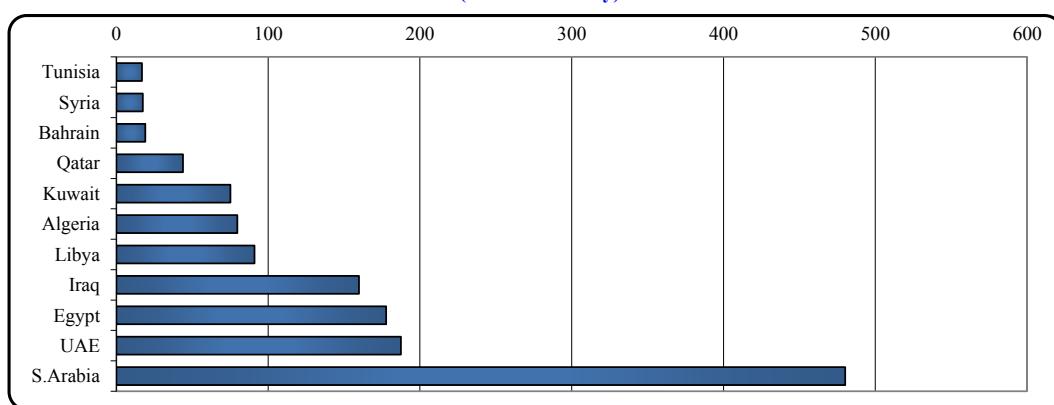


Table No. (32)
Gasoline consumption in OAPEC Members, 2017-2021
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	96.6	91.6	91.2	78.1	79.7
Bahrain	18.2	19.7	20.1	17.1	19.1
Egypt	166.3	167.0	167.1	155.2	177.7
Iraq	124.0	140.1	146.4	119.1	159.8
Kuwait	74.3	77.8	79.2	61.4	75.1
Libya	78.0	81.0	83.0	91.0	91.0
Qatar	41.8	39.3	43.6	40.3	43.9
S.Arabia	569.9	532.8	550.3	445.0	480.2
Syria*	19.0	23.8	20.6	18.8	17.4
Tunisia*	14.6	15.6	16.6	16.3	16.9
UAE*	223.0	224.3	192.2	158.7	187.5
OAPEC	1425.7	1413.1	1410.2	1201.1	1348.3

* Year 2021 estimated.

Gasoline consumption in OAPEC Members, 2021
(Thousand b/day)



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

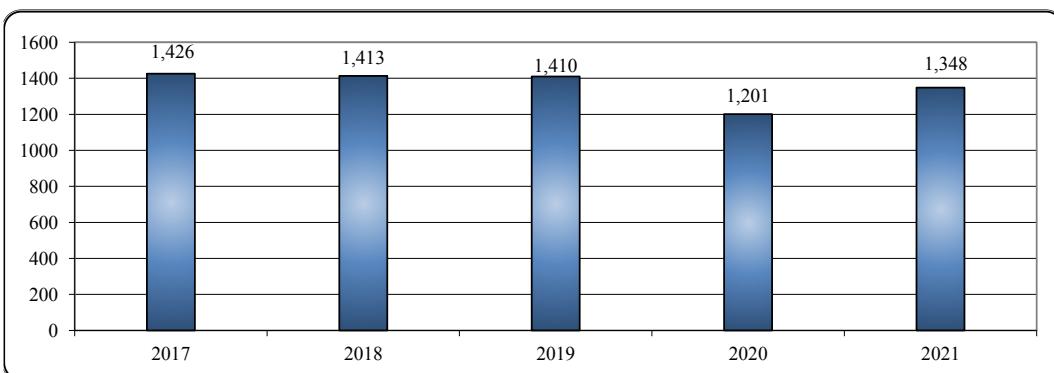


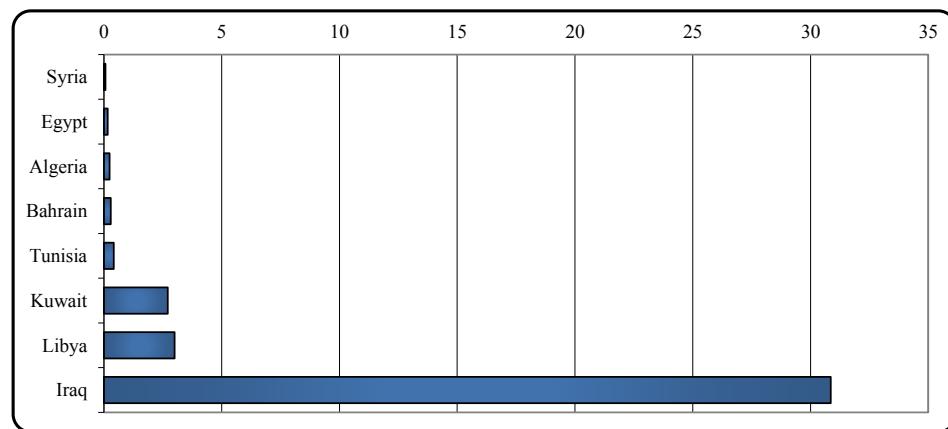


Table No. (33)
Kerosene consumption in OAPEC Members, 2017-2021
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	0.4	0.4	0.3	0.5	0.2
Bahrain	0.4	0.3	0.3	0.3	0.3
Egypt	0.1	0.1	0.2	0.1	0.2
Iraq	30.2	30.8	30.8	31.2	30.9
Kuwait	2.8	2.8	2.9	1.9	2.7
Libya	5.0	5.0	4.0	3.0	3.0
Syria*	0.1	0.1	0.1	0.1	0.1
Tunisia*	1.1	0.6	0.3	0.4	0.4
OAPEC	40.0	40.1	38.9	37.4	37.7

* Year 2021 estimated.

Kerosene consumption in OAPEC Members, 2021
(Thousand b/day)



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

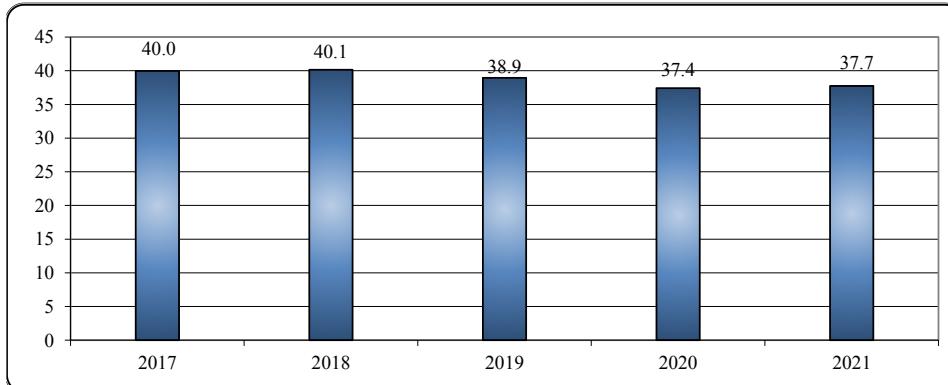
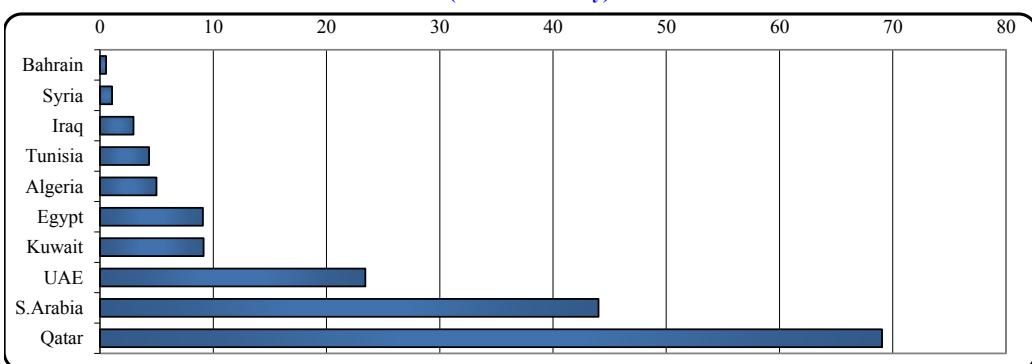


Table No. (34)
Jet fuel consumption in OAPEC Members, 2017-2021
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	10.1	12.3	10.1	4.3	5.0
Bahrain	0.6	0.8	0.7	0.6	0.5
Egypt	11.0	11.3	12.2	7.7	9.1
Iraq	4.8	4.7	4.9	2.3	3.0
Kuwait	19.0	19.1	19.6	8.9	9.2
Libya	-	-	-	-	-
Qatar	78.7	90.6	58.1	60.4	69.1
S.Arabia	99.0	103.8	103.2	42.2	44.0
Syria*	1.4	1.8	1.4	1.3	1.1
Tunisia*	5.4	6.1	6.5	2.2	4.3
UAE*	160.4	10.3	10.7	19.8	23.4
OAPEC	390.4	260.8	227.4	149.6	168.6

* Year 2021 estimated.

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



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

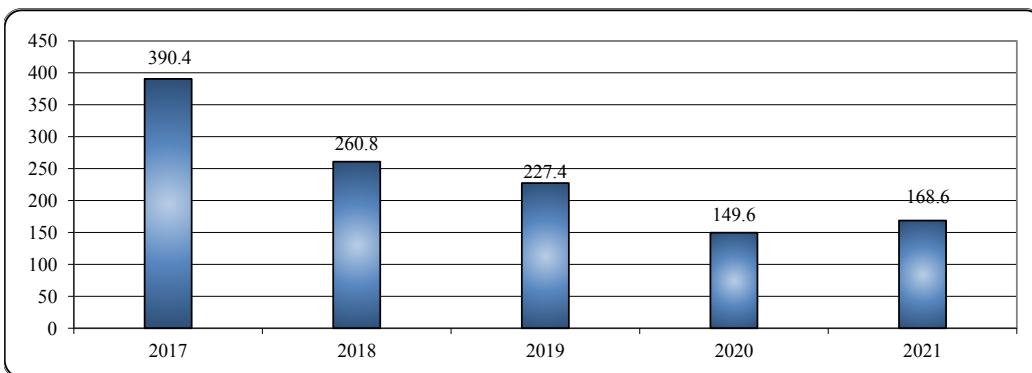


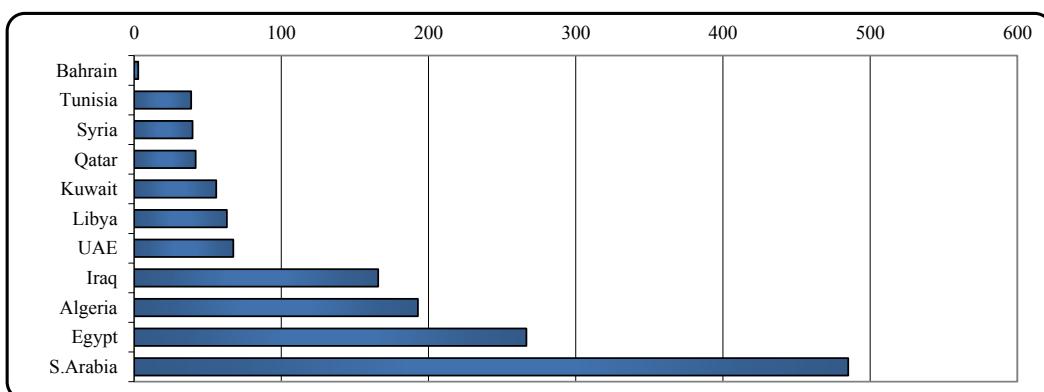


Table No. (35)
Gasoil and Diesel consumption in OAPEC Members, 2017-2021
(Thousands b/day)

	2017	2018	2019	2020	2021
Algeria	199.7	206.1	209.0	182.7	192.8
Bahrain	7.5	7.0	3.6	3.1	2.8
Egypt	274.3	263.3	259.8	240.0	266.5
Iraq	114.7	139.7	151.8	130.6	165.8
Qatar	48.4	42.9	43.0	40.1	41.8
Kuwait	50.1	49.0	55.5	48.4	55.8
Libya	88.0	92.0	94.0	61.0	63.0
S.Arabia	590.7	521.8	527.0	477.9	485.1
Syria*	37.8	51.3	45.5	41.4	39.7
Tunisia*	41.8	41.7	39.8	37.8	38.8
UAE*	67.1	61.2	60.9	57.1	67.4
OAPEC	1520.3	1476.1	1489.8	1320.0	1419.4

* Year 2021 estimated.

Gasoil and Diesel consumption in OAPEC Members, 2021
(Thousands b/day)



Gasoil and Diesel consumption in OAPEC Members, 2017-2021
(Thousands b/day)

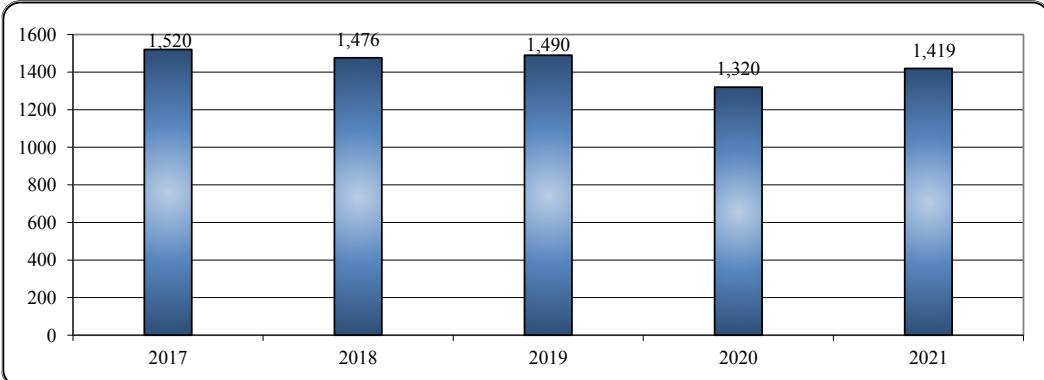
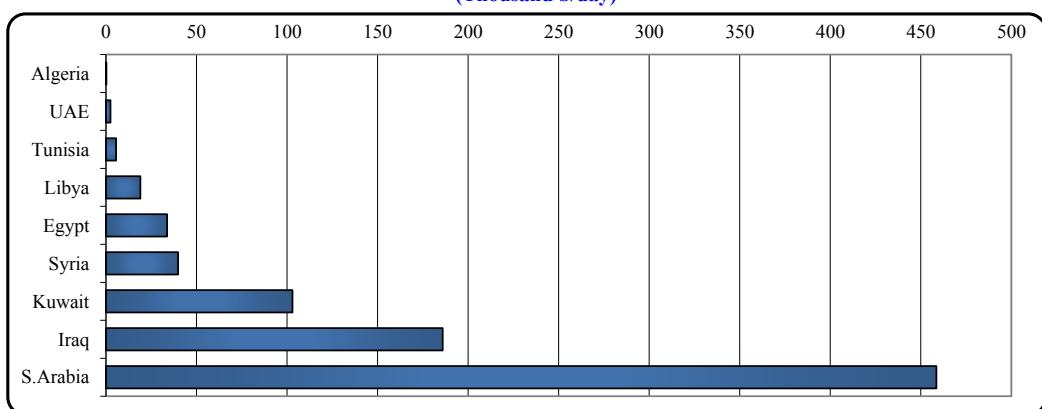


Table No. (36)
Fuel oil consumption in OAPEC Members, 2017-2021
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	3.4	3.0	2.5	0.2	0.2
Bahrain					
Egypt	154.0	105.7	67.7	29.1	33.7
Iraq	274.7	288.6	259.6	141.3	186.0
Kuwait	110.3	114.4	103.1	59.9	103.0
Libya	26.0	27.0	22.0	18.0	19.0
Qatar					
S.Arabia	512.1	495.7	539.8	491.9	458.6
Syria*	43.7	54.8	47.3	43.0	39.8
Tunisia*	5.2	5.4	4.5	4.2	5.6
UAE*	1.2	1.2	2.7	2.1	2.5
OAPEC	1130.5	1095.8	1049.0	789.9	848.4

* Year 2021 estimated.

Fuel oil consumption in OAPEC Members, 2021
(Thousand b/day)



Fuel oil consumption in OAPEC Members, 2017-2021
(Thousand b/day)

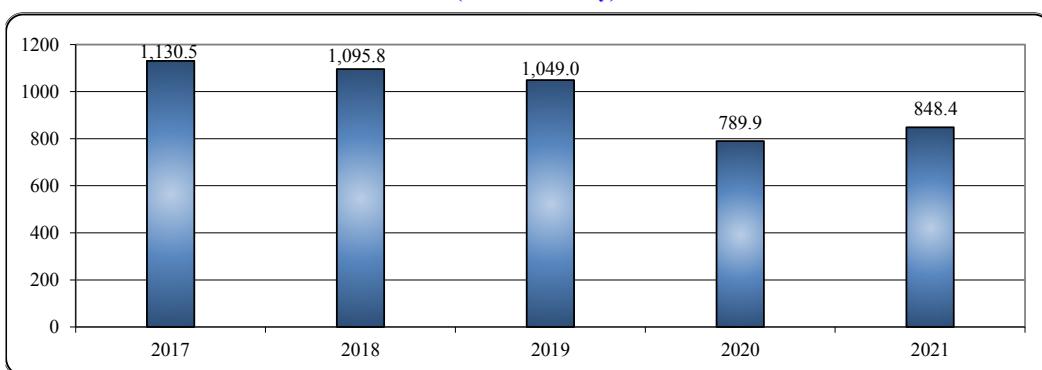




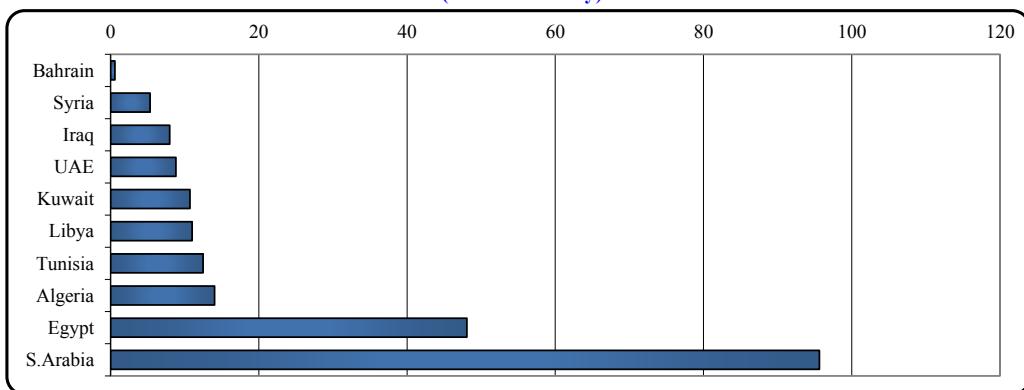
Table No. (37)
Other oil products consumption in OAPEC Members, 2017-2021 **
(Thousands b/day)

	2017	2018	2019	2020	2021
Algeria	10.8	11.5	18.0	15.5	14.0
Bahrain	0.8	1.0	0.8	0.7	0.6
Egypt	39.9	38.0	36.9	43.9	48.1
Iraq	17.6	26.4	7.2	5.4	8.0
Kuwait	8.9	9.6	10.1	11.8	10.7
Libya	11.0	11.0	11.0	10.0	11.0
Qatar	-	-	-	-	-
S.Arabia	105.5	246.4	499.4	120.2	95.6
Syria*	13.0	13.0	9.2	8.3	5.3
Tunisia*	13.6	11.0	13.1	12.8	12.5
UAE*	20.2	4.5	6.6	7.5	8.8
OAPEC	241.3	372.5	612.4	236.0	214.6

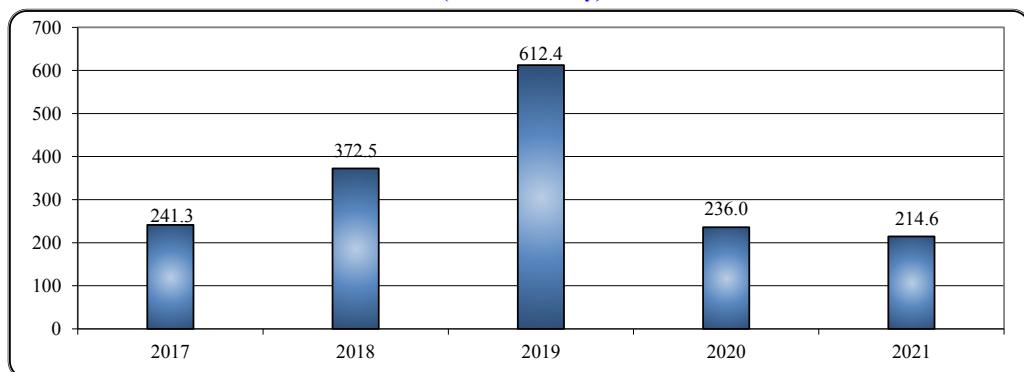
* Year 2021 estimated.

** Include asphalt, lubricants, naphtha and others.

Other oil products consumption in OAPEC Members, 2021
(Thousands b/day)



Other oil products consumption in OAPEC Members, 2017-2021
(Thousands b/day)



Part
IV

Trade of Oil and Natural Gas

2022
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Statistical Report

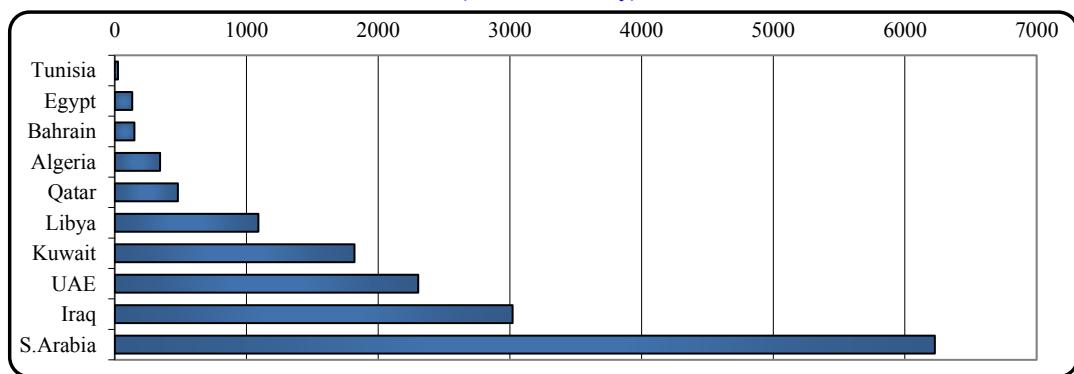




Table No. (38)
OAPEC Members crude Oil exports , 2017-2021
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	529.8	435.3	445.2	335.2	344.2
Bahrain	152.0	154.0	153.5	148.8	149.4
Egypt	217.2	212.5	208.5	170.8	132.7
Iraq	3384.1	3444.2	3524.6	3004.0	3021.0
Kuwait	2002.2	2050.0	1986.3	1898.2	1820.4
Libya	792.1	998.5	1035.8	347.2	1090.7
Qatar	452.4	536.2	526.7	485.6	479.4
S.Arabia	6968.5	7371.6	7038.0	6736.8	6227.3
Tunisia	29.3	27.7	32.0	24.3	24.5
UAE	2378.7	2296.5	2414.1	2417.7	2304.5
OAPEC	16906.3	17526.6	17364.8	15568.5	15594.2

OAPEC Members crude Oil exports , 2021
(Thousand b/day)



OAPEC Members crude Oil exports , 2017-2021
(Thousand b/day)

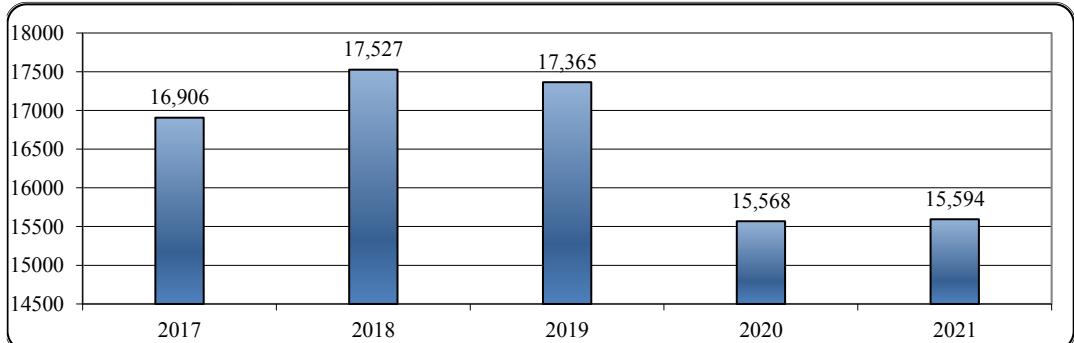
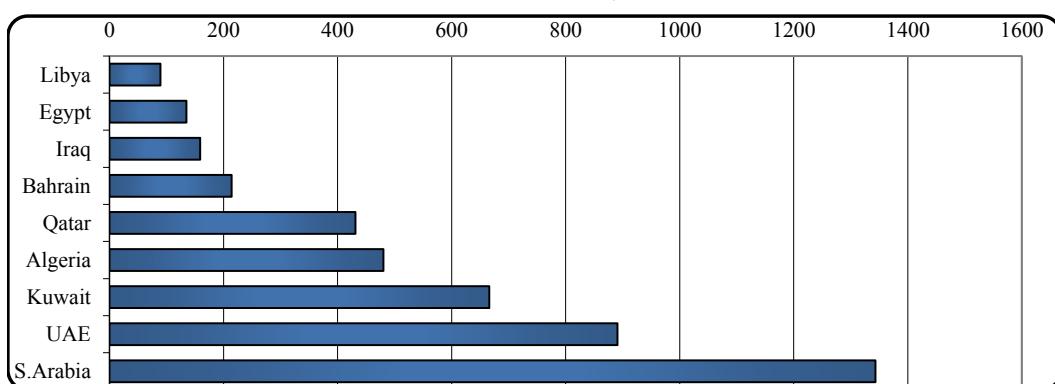


Table No. (39)
OAPEC Members Oil products exports, 2017-2021
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	556.7	513.2	490.7	489.0	480.5
Bahrain	239.8	233.5	239.5	209.9	214.2
Egypt	60.7	121.5	161.8	191.5	135.0
Iraq	22.1	62.0	109.8	165.3	159.0
Kuwait	587.8	584.9	636.9	527.0	666.1
Libya	23.5	25.4	21.0	65.8	89.4
Qatar	639.4	552.2	537.6	460.0	431.4
S.Arabia	1802.7	1971.2	1301.7	1019.4	1343.4
UAE	790.4	785.7	881.6	839.4	890.9
OAPEC	4723.0	4849.5	4380.6	3967.2	4409.9

OAPEC Members Oil products exports, 2021
(Thousand b/day)



OAPEC Members Oil products exports, 2017-2021
(Thousand b/day)

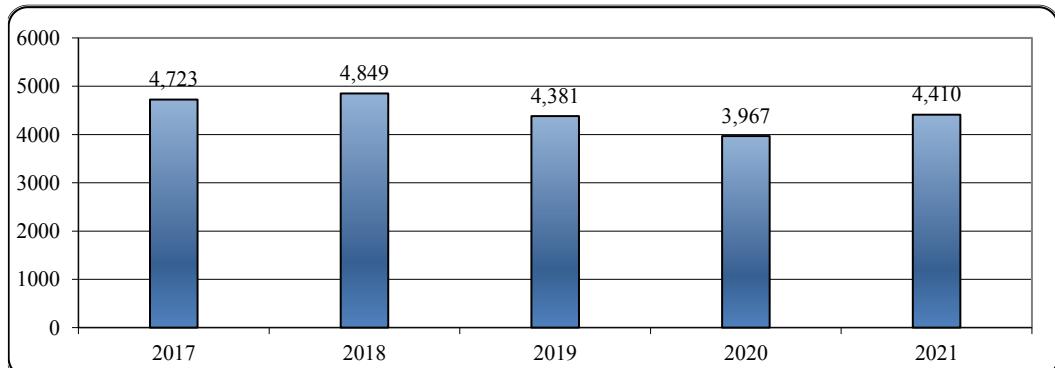
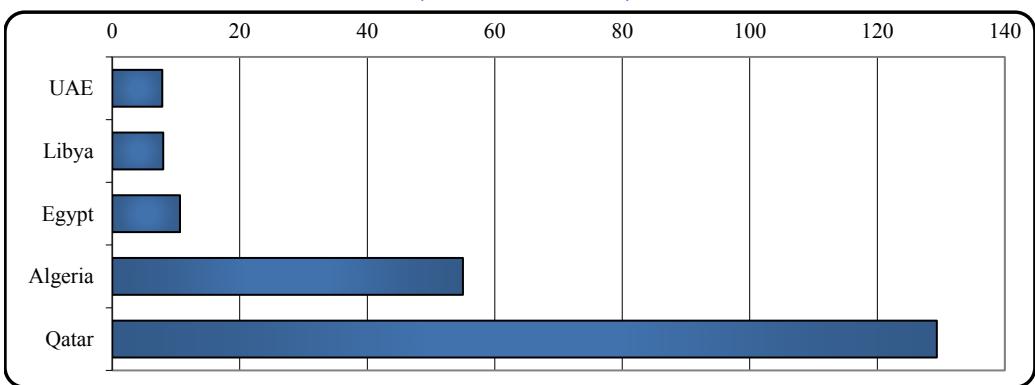




Table No. (40)
OAPEC Members total natural gas exports , 2017-2021
(Billion cubic meters)

	2017	2018	2019	2020	2021
Algeria	54.00	51.60	42.78	39.46	55.01
Egypt	1.33	2.59	6.72	2.93	10.63
Libya	4.47	4.25	5.70	4.29	8.00
Qatar	128.65	129.28	128.70	127.27	129.34
UAE	7.27	7.09	7.42	6.96	7.85
OAPEC	195.72	194.80	191.32	180.90	210.83

OAPEC Members total natural gas exports , 2021
(Billion cubic meters)



OAPEC Members total natural gas exports , 2017-2021
(Billion cubic meters)

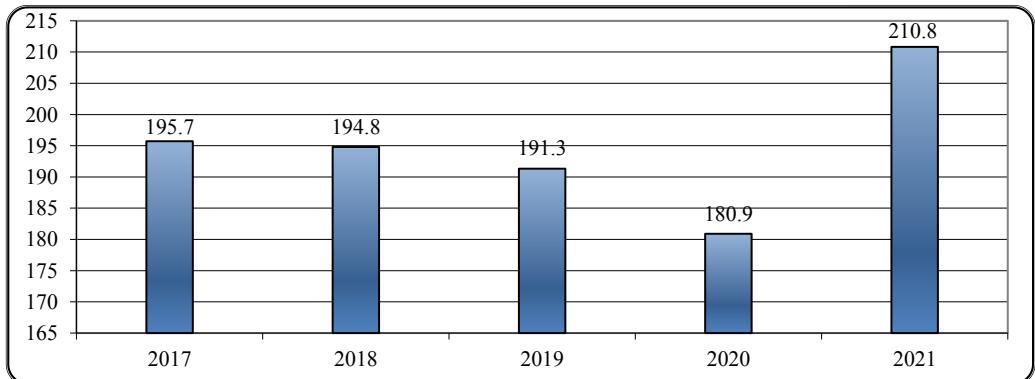
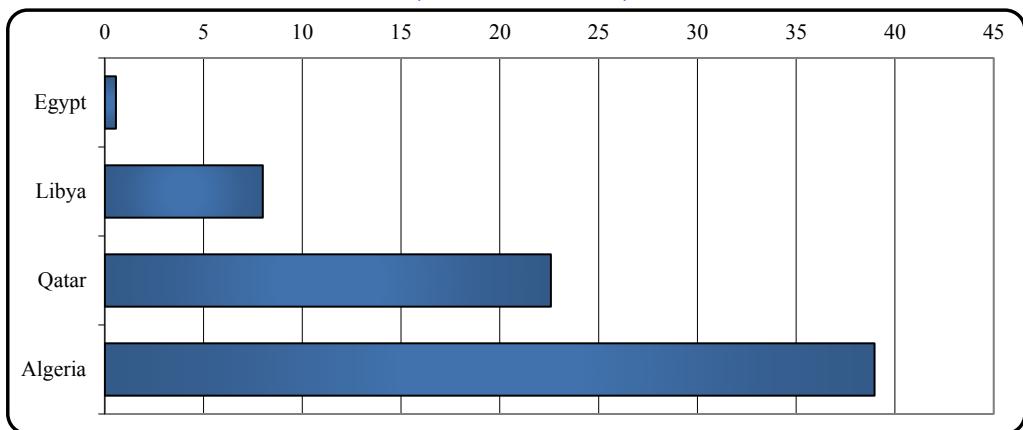


Table No. (41)
OAPEC Members natural gas exports through pipelines, 2017-2021
(Billion cubic meters)

	2017	2018	2019	2020	2021
Algeria	37.59	37.96	26.31	25.24	38.97
Egypt		0.41	1.84	0.40	0.57
Libya	4.47	4.25	5.70	4.29	8.00
Qatar	22.39	22.34	22.41	22.58	22.58
OAPEC	64.45	64.95	56.25	52.51	70.12

OAPEC Members natural gas exports through pipelines, 2021
(Billion cubic meters)



OAPEC Members natural gas exports through pipelines, 2017-2021
(Billion cubic meters)

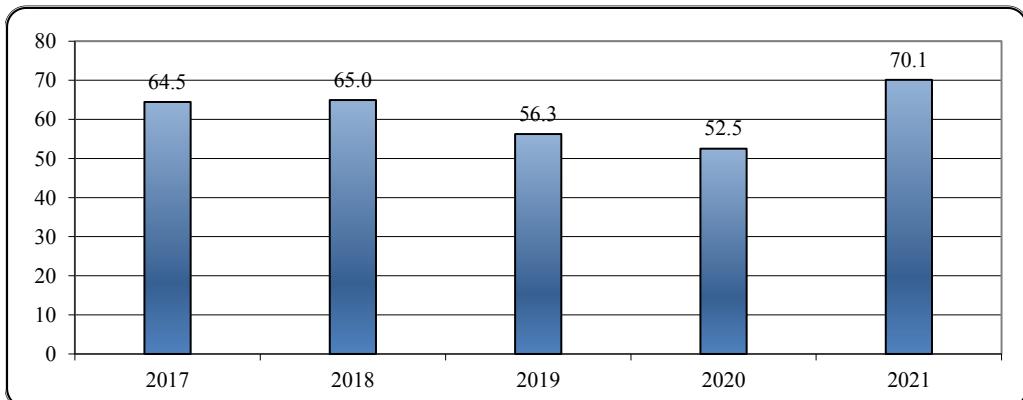
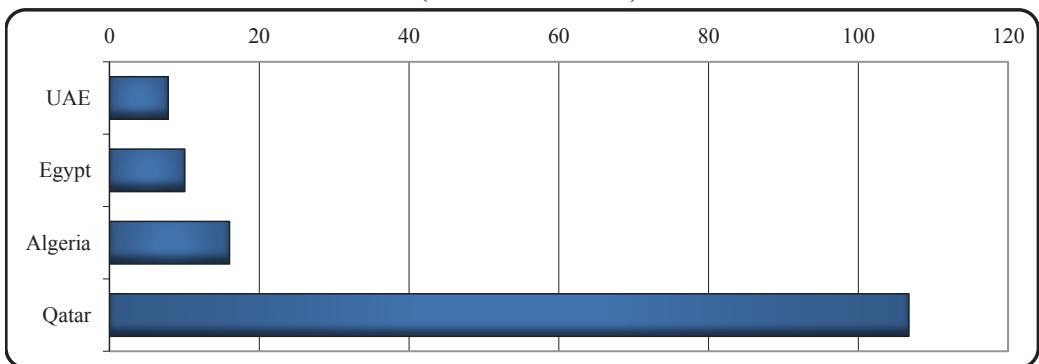




Table No. (42)
OAPEC Members natural gas exports by tankers, 2017-2021
(Billion cubic meters)

	2021	2020	2019	2018	2017
UAE	7.85	6.96	7.42	7.09	7.27
Algeria	16.04	14.22	16.47	13.64	16.41
Qatar	106.76	104.68	106.29	106.94	106.26
Egypt	10.06	2.53	4.88	2.18	1.33
OAPEC	140.71	128.39	135.07	129.85	131.27

OAPEC Members natural gas exports by tankers, 2021
(Billion cubic meters)



OAPEC Members natural gas exports by tankers, 2017-2021
(Billion cubic meters)

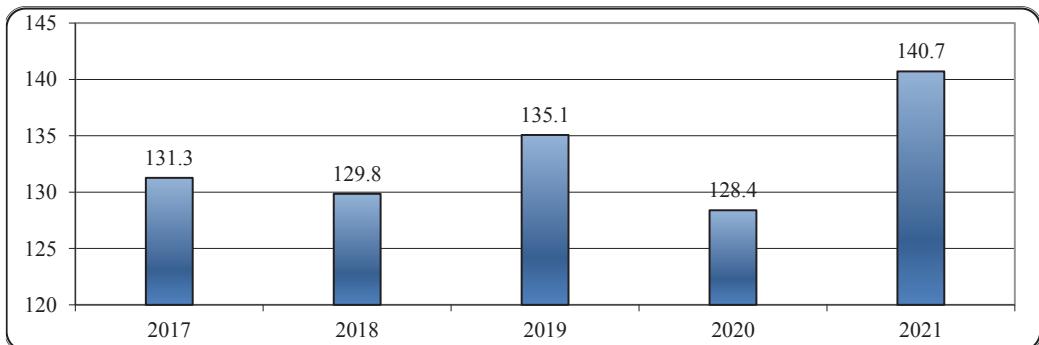


Table No. (43)
Natural Gas Trade - 2021
(Billion cubic meters)

From	To	Means	Algeria	Egypt	Libya	Qatar	UAE	OAPEC
North America	-	-	-	-	-	-	-	-
S. & Cent. America	-	-	-	-	-	-	-	-
Argentina	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-
Europe	15.20	35.85	2.53	0.10	-	2.30	-	-
Belgium	0.09	-	-	-	-	-	-	-
France	4.55	-	0.35	-	-	1.40	-	-
Greece	0.54	-	0.22	-	-	0.90	-	-
Italy	1.25	-	21.42	0.42	-	22.50	-	-
Portugal	-	-	2.34	-	-	3.20	-	-
Spain	-	2.09	12.08	0.31	-	-	-	-
Turkey	5.73	-	1.12	-	-	0.70	-	-
United Kingdom	0.86	-	-	-	-	-	-	-
Netherlands	0.09	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-
Middle East	-	0.44	0.57	-	-	5.00	21.66	5.44
Kuwait	-	-	0.44	-	-	3.60	-	-
United Arab Emirates	-	-	-	-	-	1.40	19.85	-
Jordan	-	-	-	0.57	-	-	-	-
Oman	-	-	-	-	-	-	-	-
Africa	-	3.12	-	-	-	-	-	-
Tunisia	-	2.67	-	-	-	-	-	-
Morocco	-	0.46	-	-	-	-	-	-
Asia Pacific	0.84	-	7.09	-	8.00	76.96	7.85	92.74
Bangladesh	-	0.27	-	0.75	-	-	-	-
China	0.36	-	1.51	-	-	12.30	-	-
India	0.21	-	1.63	-	-	13.60	-	-
Japan	-	-	0.32	-	-	12.30	-	-
Pakistan	-	-	1.39	-	-	8.10	-	-
South Korea	-	-	0.33	-	-	16.10	-	-
Singapore	-	-	0.42	-	-	0.20	-	-
Taiwan	-	-	0.42	-	-	6.50	-	-
Thailand	-	-	0.10	-	-	3.60	-	-
Others not specified	-	-	0.22	-	8.00	4.26	-	-
TOTAL EXPORTS	16.04	38.97	10.06	0.57	8.00	106.76	21.66	140.71
								69.19

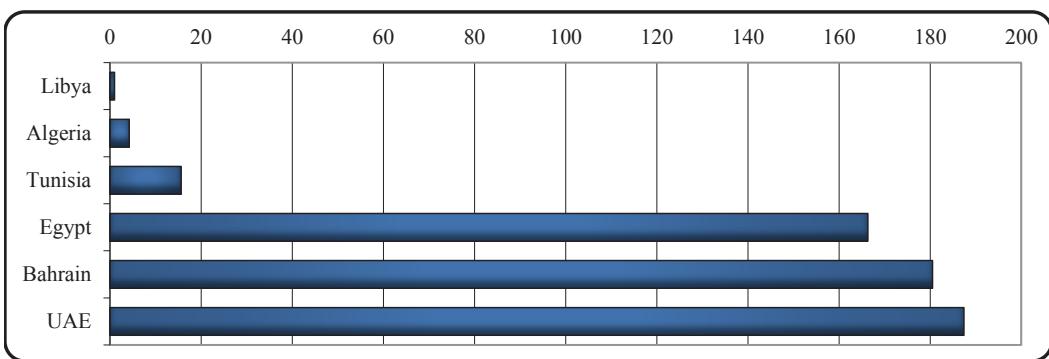


Table No. (44)
OAPEC Members imports of crude oil, 2017-2021
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	4.5	4.1	3.2	3.2	4.2
Bahrain	155.1	266.9	223.0	174.5	180.5
Egypt	113.7	112.2	158.8	231.8	166.3
Libya*	-	-	-	-	1.0
Syria	138.0	129.1	-	-	-
Tunisia	12.8	10.3	2.5	16.2	15.6
UAE	67.6	41.7	53.6	163.3	187.4
OAPEC	491.6	564.3	441.2	589.1	555.1

* Year 2021 estimated.

OAPEC Members imports of crude oil, 2021
(Thousand b/day)



OAPEC Members imports of crude oil, 2017-2021
(Thousand b/day)

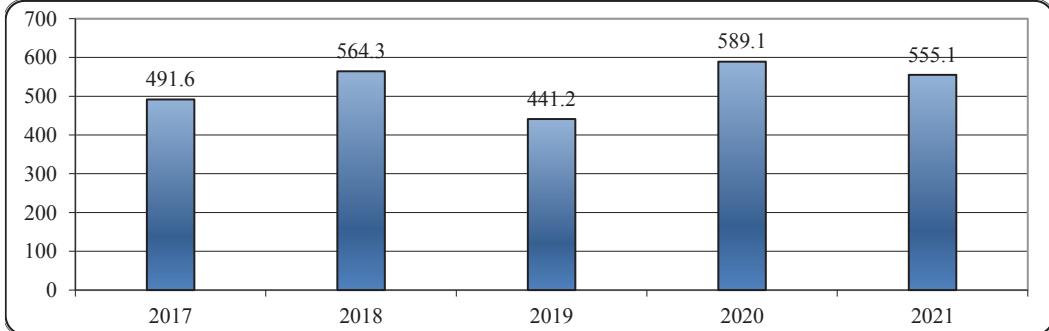
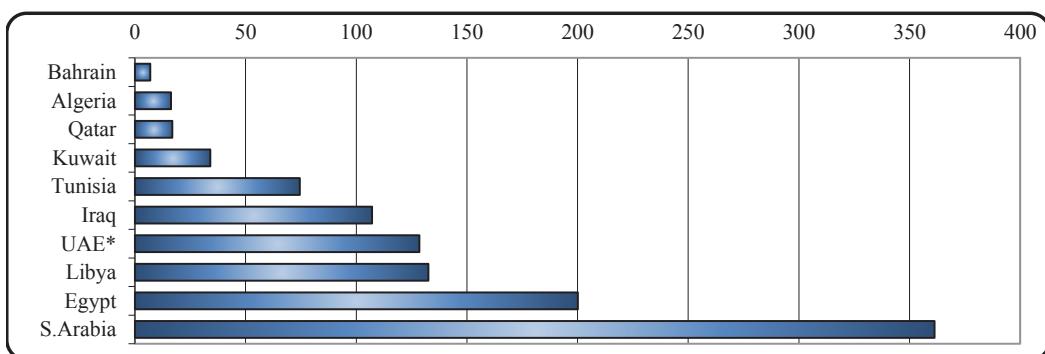


Table No. (45)
OAPEC Members imports of oil products, 2017-2021
(Thousand b/day)

	2017	2018	2019	2020	2021
Algeria	72.6	15.9	46.5	31.3	16.3
Bahrain	2.0	3.3	2.6	4.5	6.9
Egypt	307.4	281.6	270.4	148.7	200.1
Iraq	94.7	89.5	97.1	76.7	107.1
Kuwait	13.9	30.4	14.0	14.8	34.1
Libya	130.9	136.8	144.1	147.4	132.6
Qatar	20.5	4.3	1.7	18.1	16.9
S.Arabia	486.8	898.4	318.9	353.3	361.3
Syria					
Tunisia	83.1	85.3	89.3	72.9	74.5
UAE*	209.2	259.6	266.1	82.7	128.5
OAPEC	1421.1	1805.2	1250.7	950.5	1078.4

* Year 2021 estimated.

OAPEC Members imports of oil products, 2017-2021
(Thousand b/day)



OAPEC Members imports of oil products, 2017-2021
(Thousand b/day)

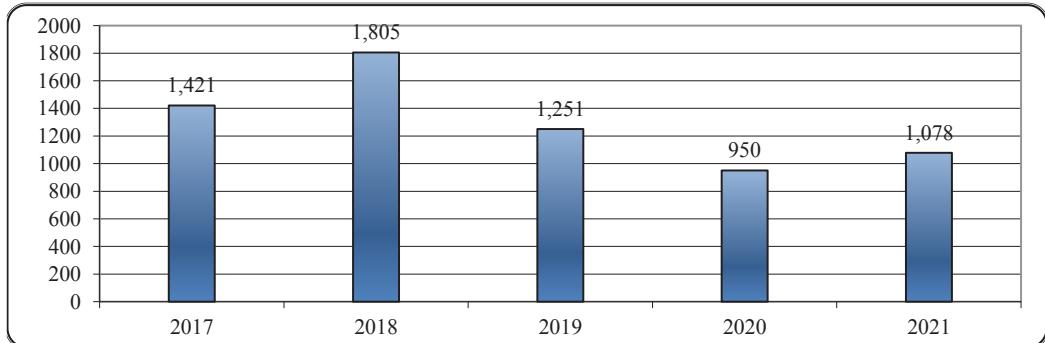
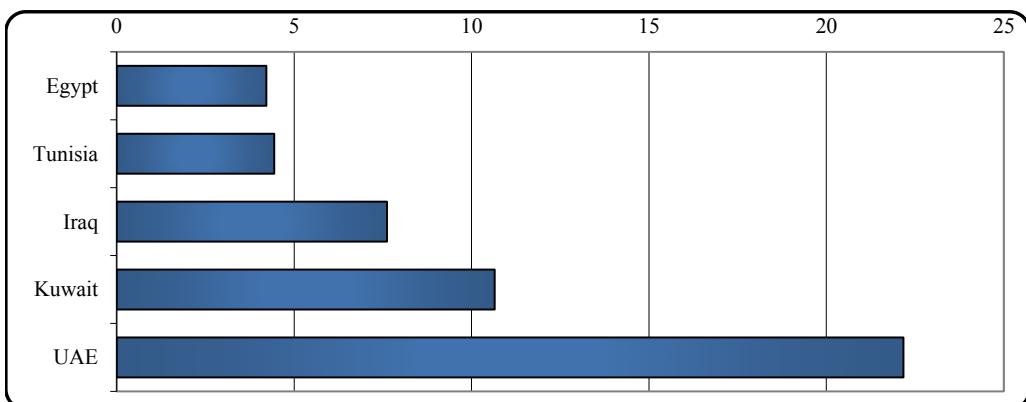




Table No. (46)
OAPEC Members total imports of natural gas, 2017-2021
(Billion cubic meters)

	2017	2018	2019	2020	2021
Egypt	8.98	3.40	-	2.14	4.22
Iraq	1.46	0.51	9.00	10.81	7.62
Kuwait	4.52	4.42	4.51	5.33	10.65
Tunisia	3.68	4.10	4.44	4.23	4.44
UAE	20.45	20.37	20.55	20.78	22.17
OAPEC	39.08	32.80	38.50	43.30	49.10

OAPEC Members total imports of natural gas, 2021
(Billion cubic meters)



OAPEC Members total imports of natural gas , 2017-2021
(Billion cubic meters)

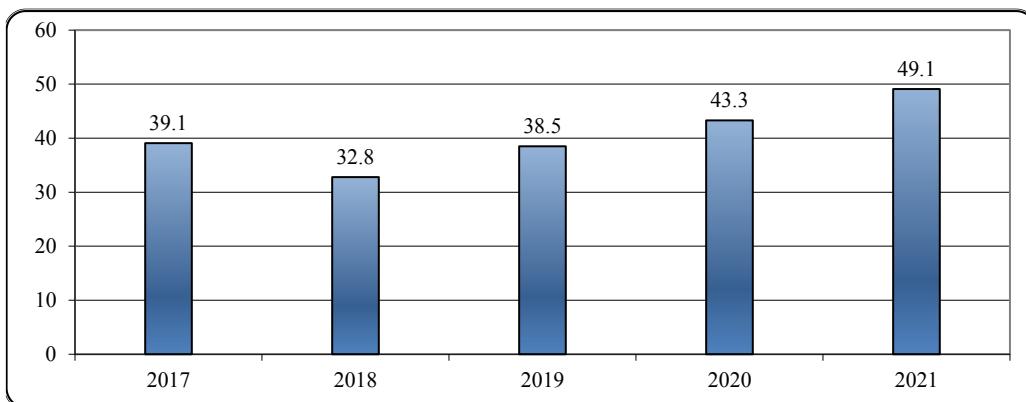
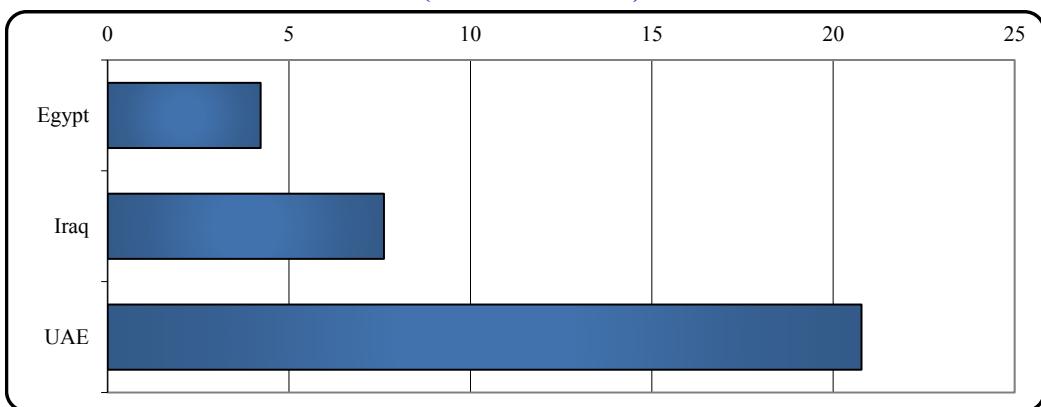


Table No. (47)
OAPEC Members imports of natural gas through pipelines, 2017-2021
(Billion cubic meters)

	2017	2018	2019	2020	2021
UAE	20.45	20.37	20.46	20.78	20.78
Iraq	1.46	0.51	9.00	10.81	7.62
Egypt	-	-	-	2.14	4.22
OAPEC	25.59	24.98	33.90	37.96	37.06

OAPEC Members imports of natural gas through pipelines, 2021
(Billion cubic meters)



OAPEC Members imports of natural gas through pipelines, 2017-2021
(Billion cubic meters)

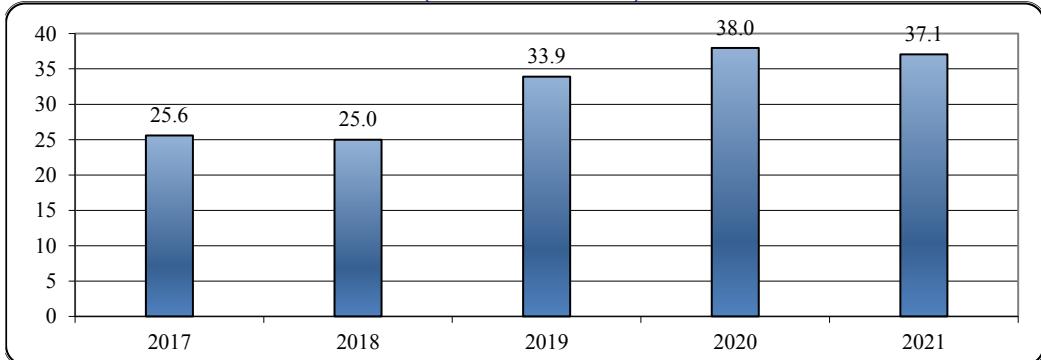
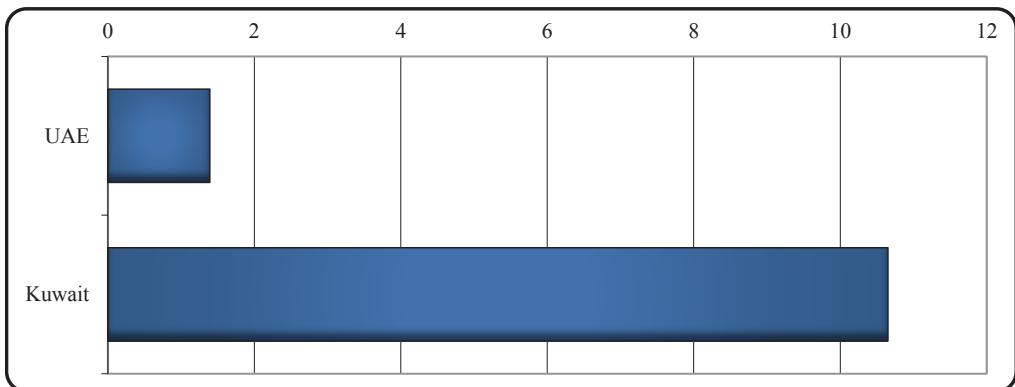




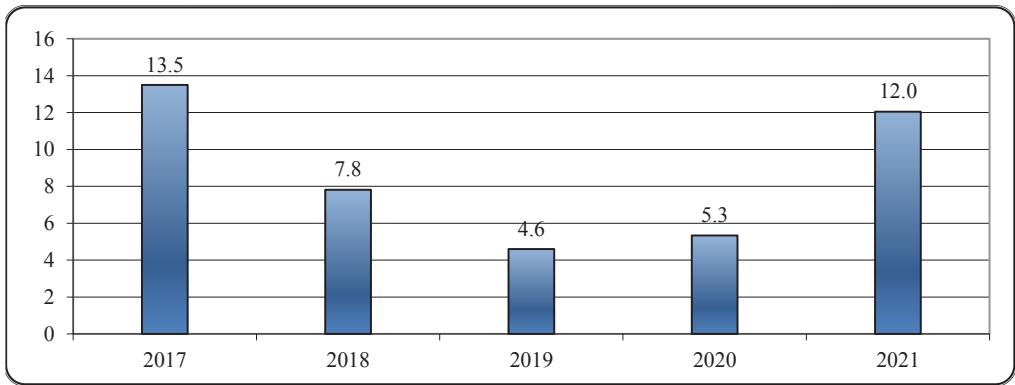
Table No. (48)
OAPEC Members imports of natural gas by tankers, 2017-2021
(Billion cubic meters)

	2017	2018	2019	2020	2021
Egypt	8.98	3.40	-	-	-
Kuwait	4.52	4.42	4.51	5.33	10.65
UAE	-	-	0.09	-	1.39
OAPEC	13.50	7.81	4.60	5.33	12.04

OAPEC Members imports of natural gas by tankers, 2021
(Billion cubic meters)



OAPEC Members imports of natural gas by tankers, 2017-2021
(Billion cubic meters)



Part
V

Crudes and Energy Products Prices

2022
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Average spot crudes prices, 2021
(US Dollar / barrel - year 2021)

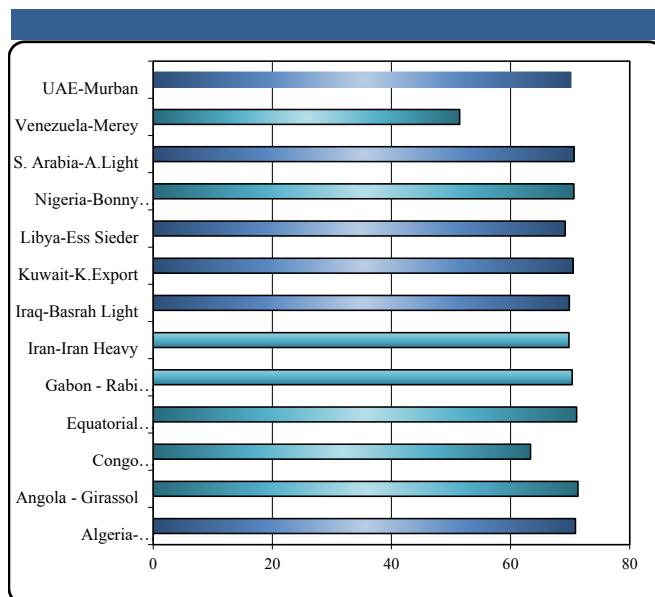
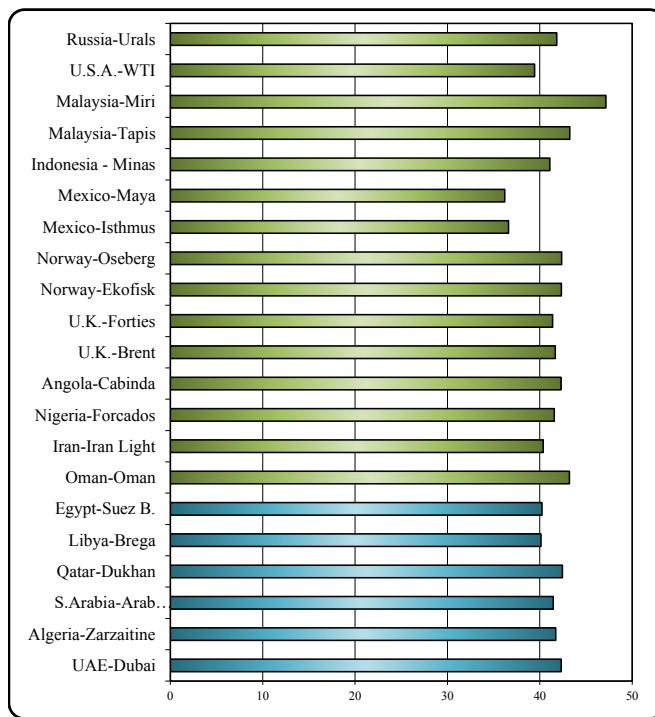


Table No. (49)
Average spot crudes prices, 2019 - 2021
(US Dollar / barrel)

	2019	2020	2021
Algeria-Saharan B.	64.49	42.12	70.89
Angola - Girassol	66.11	42.64	71.31
Congo (Republic) - Djeno	61.80	35.77	63.35
Equatorial Guinea - Zafiro	65.74	41.54	71.09
Gabon - Rabi Light	63.18	40.22	70.34
Iran-Iran Heavy	61.9	40.8	69.8
Iraq-Basrah Light	63.64	41.55	69.86
Kuwait-K.Export	64.25	41.49	70.50
Libya-Ess Sieder	63.81	40.06	69.16
Nigeria-Bonny Light	65.63	41.53	70.63
S. Arabia-A.Light	64.96	41.91	70.65
Venezuela-Merey	54.04	28.12	51.45
UAE-Murban	64.72	42.98	70.09
OPEC Basket	64.04	41.47	69.89



UAE-Dubai	63.48	42.31	69.38
Algeria-Zarzaitine	64.42	41.72	70.72
S.Arabia-Arab Heavy	63.85	41.45	69.98
Qatar-Dukhan	63.65	42.44	69.92
Libya-Brega	63.76	40.12	69.39
Egypt-Suez B.	62.61	40.23	67.77
Oman-Oman	64.00	43.20	69.46
Iran-Iran Light	62.74	40.36	67.90
Nigeria-Forcados	66.19	41.56	70.81
Angola-Cabinda	65.34	42.29	71.00
U.K.-Brent	64.19	41.67	70.80
U.K.-Forties	64.66	41.38	71.23
Norway-Ekofisk	65.24	42.33	71.65
Norway-Oseberg	65.38	42.36	71.78
Mexico-Isthmus	63.00	36.61	66.20
Mexico-Maya	57.51	36.20	64.42
Indonesia - Minas	60.25	41.08	68.75
Malaysia-Tapis	69.15	43.24	72.82
Malaysia-Miri	69.30	47.15	71.26
U.S.A.-WTI	57.02	39.43	68.17
Russia-Urals	64.38	41.83	69.45

Table No. (51)
Spot prices of selected Arab crudes - 2022

Table No. (50)
**Spot prices of OPEC Basket of crudes,
 2019 - 2022**

(US Dollar / barrel)

	Arab Light	Basrah Light	Kuwait Export	Libya - Ess Sider	Qatar-Marine	Sahara Blend	UAE-Murban		2019	2020	2021	2022
January	86.15	84.88	86.28	86.16	86.59	88.21	85.11	January	58.7	65.1	54.4	85.4
February	93.82	94.17	93.84	98.06	93.69	100.71	94.18	February	63.8	55.5	61.1	94.2
March	112.99	112.21	113.28	117.90	112.69	121.80	112.48	March	66.4	33.9	64.6	113.5
April	107.24	104.63	107.46	104.42	106.50	109.37	104.48	April	70.8	17.7	63.2	105.6
May	116.44	111.91	116.82	113.18	116.10	115.28	109.97	May	70.0	25.2	66.9	113.9
June	117.27	115.56	117.26	124.96	116.50	128.31	117.53	June	62.9	37.1	71.9	117.7
July	108.98	105.36	109.19	114.03	108.46	115.83	105.97	July	64.7	43.4	73.5	108.6
August	104.89	97.66	103.82	101.17	105.32	104.22	98.04	August	59.6	45.2	70.3	101.9
September	99.33	91.16	98.69	90.47	99.35	92.72	92.45	September	62.4	41.5	73.9	95.3
October	96.20	89.45	94.72	93.91	98.23	95.66	93.54	October	59.9	40.1	82.1	93.6
November	91.58	85.66	90.13	91.25	91.19	93.60	90.90	November	62.9	42.6	80.4	89.7
December	82.44	76.07	80.46	77.53	87.37	83.03	80.17	December	66.5	49.2	74.4	79.7
First Quarter	97.7	97.1	97.8	100.7	97.7	103.6	97.3	First Quarter	63.0	51.5	60.0	97.7
Second Quarter	113.7	110.7	113.8	114.2	113.0	117.7	110.7	Second Quarter	67.9	26.7	67.3	112.4
Third Quarter	104.4	98.1	103.9	101.9	104.4	104.3	98.8	Third Quarter	62.2	43.4	72.6	101.9
Fourth Quarter	90.1	83.7	88.4	87.6	92.3	90.8	88.2	Fourth Quarter	63.1	44.0	79.0	87.7
Annual Average	101.4	97.4	101.0	101.1	101.8	104.1	98.7	Annual Average	64.1	41.4	69.7	99.9



Spot Prices for OPEC Basket of Crudes, 2019 - 2022
US Dollar / Barrel

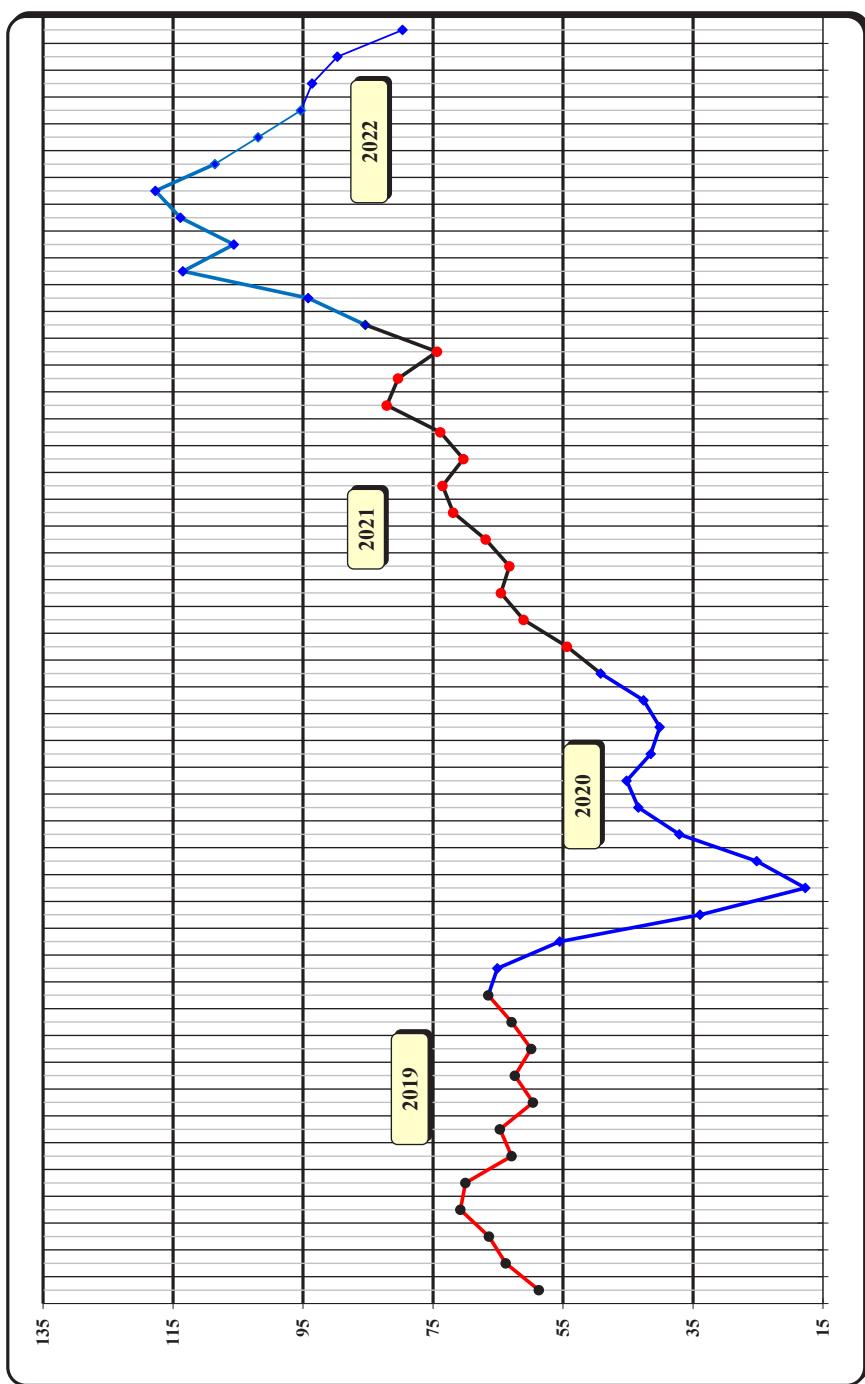


Table No. (52)
Domestic prices of oil products in OAPEC Members
(Local Currency/Litre)

Country and Last date for which Data is Available			LPG						Gasoline						Kerosene Gasoil/Diesel		
Year	Month	Local Currency	10 Kg	12.5 Kg	25 Kg	50 Kg	Pound	25	50	80 Octane	90 Octane	91 Octane	92 Octane	95 Octane	98 Octane	Kerosene	Gasoil/Diesel
Algeria	2021	July Dinar	-	107.50	215.00	430.00	-	-	-	43.71	-	-	45.62	45.97	21.30	29.01	
Bahrain	2021	Average Dinar	-	1.200	-	-	-	-	-	0.140	-	0.200	0.235	-	0.180		
Egypt	2022	October Pound	-	65.00	130.00	-	-	8.00	-	-	9.25	10.75	-	7.25	7.25		
Iraq	2021	January Dinar	-	5188	-	-	-	-	-	450	-	-	650	400	350		
Kuwait	2022	April Dinar	-	0.750	-	-	-	-	-	0.085	-	0.105	0.235	0.115	0.115		
Libya	2015	November Dinar	-	1.500	-	-	-	-	-	-	-	0.150	-	0.090	0.090		
Qatar	2022	Desember Riyal	-	15.00	-	-	-	-	-	1.95	-	2.10	-	-	2.05		
S. Arabia	2022	Desember Riyal	-	18.85	-	-	-	-	-	2.18	-	2.33	-	0.81	0.63		
Syria	2022	Desember Pound	2500	3125.00	-	-	-	-	-	4900.0	-	-	5300.0	-	-	3000.0	
Tunisia	2022	November Dinar	-	8.800	-	-	-	-	-	1.985	2.205	2.525	-	2.550	2.855	-	
UAE	2022	Desember Dirham	-	40.55	-	-	36.75	-	-	-	3.11	-	3.18	3.30	-	3.74	



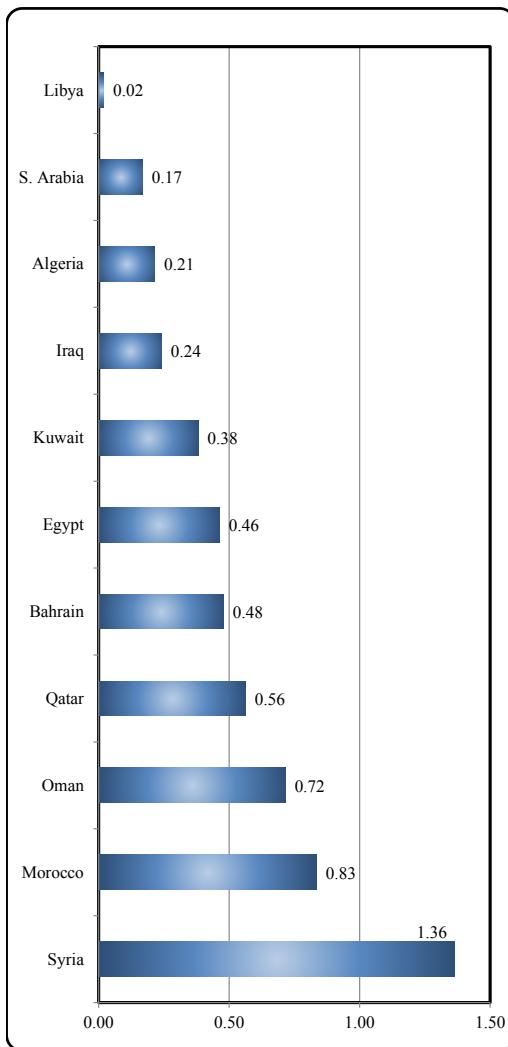
Table No. (53)
Domestic prices of oil products in OAPEC Members

(US Dollar / Litre)

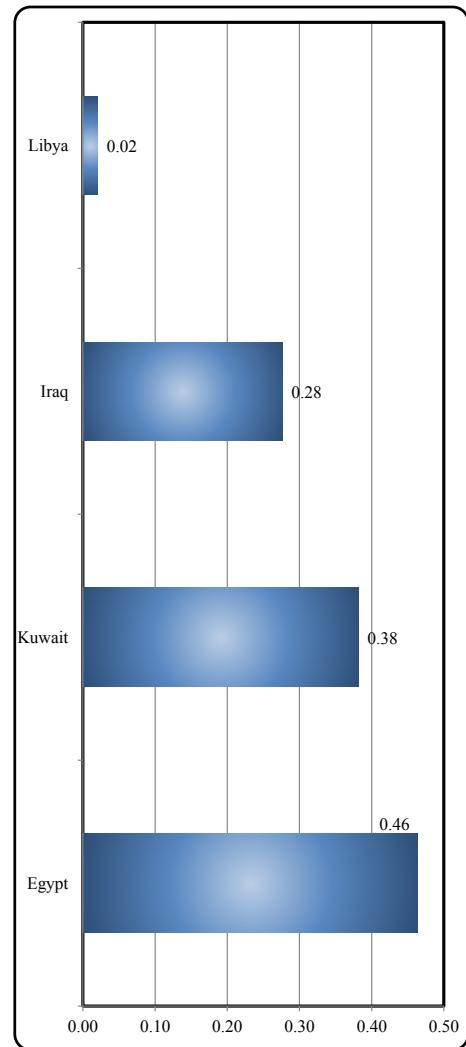
Country and Last date for which Data is Available	Year	Month	LPG						Gasoline						Kerosene	Gasoil/Diesel
			10	12.5	25	50	Pound	Octane	Octane	91	92	95	98	Octane		
Algeria	2021	July	-	0.80	1.59	3.19	-	-	0.32	-	-	0.34	0.34	0.16	0.21	
Bahrain	2021	Average	-	3.19	-	-	-	-	-	0.37	-	0.53	0.63	-	0.48	
Egypt	2022	October	-	4.15	8.31	-	-	0.51	-	-	0.59	0.69	-	0.46	0.46	
Iraq	2021	January	-	3.58	-	-	-	-	0.31	-	-	-	-	0.45	0.28	
Kuwait	2022	April	-	2.49	-	-	-	-	-	0.28	-	0.35	0.78	0.38	0.38	
Libya	2015	November	-	0.33	-	-	-	-	-	-	-	0.03	-	0.02	0.02	
Qatar	2022	Desember	-	4.12	-	-	-	-	-	0.54	-	0.58	-	-	0.56	
S. Arabia	2022	Desember	-	5.03	-	-	-	-	-	0.58	-	0.62	-	0.22	0.17	
Syria	2022	Desember	1.14	1.42	-	-	-	-	2.23	-	-	2.41	-	-	1.36	
Tunisia	2022	November	-	3.15	-	-	-	0.71	0.79	0.91	-	0.91	1.02	-	-	
UAE	2022	Desember	-	11.04	-	-	10.01	18.59	-	0.85	-	0.87	0.90	-	1.02	

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**Domestic prices of oil products in OAPEC Members,
Gasoil / Diesel
(US Dollar / Litre)**

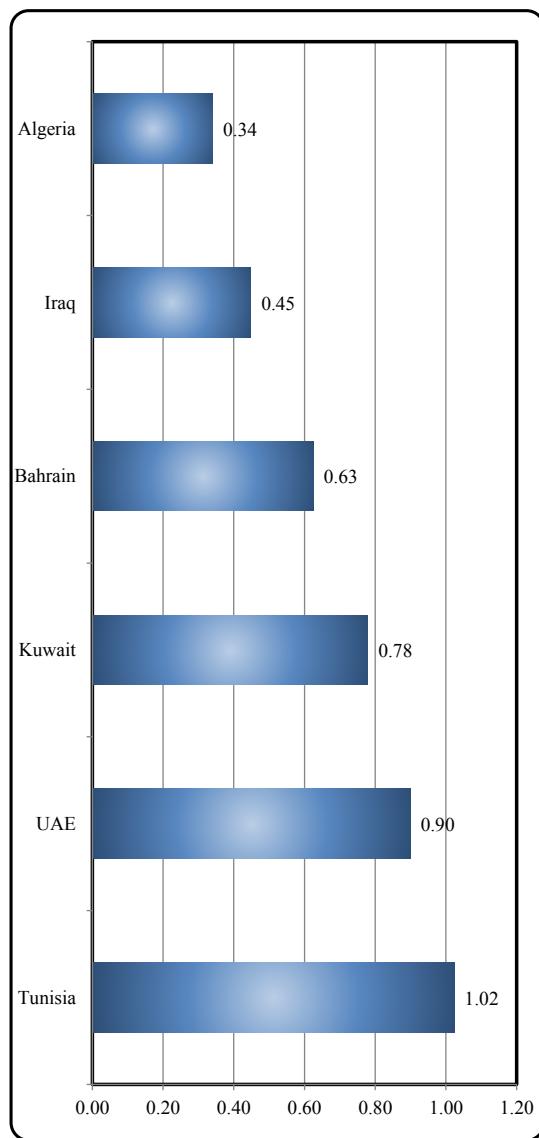


**Domestic prices of oil products in OAPEC Members.
Kerosene
(US Dollar / Litre)**

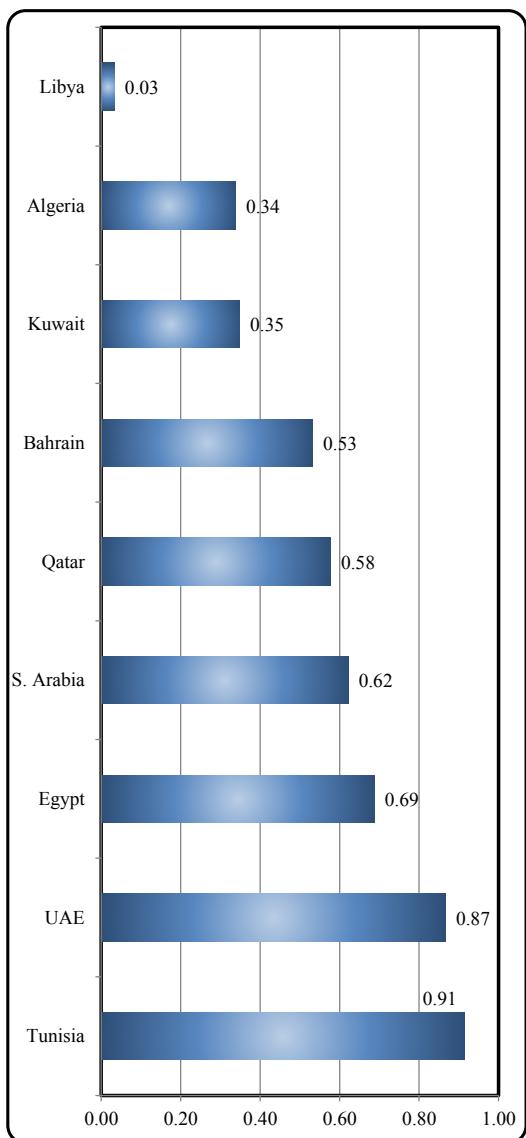




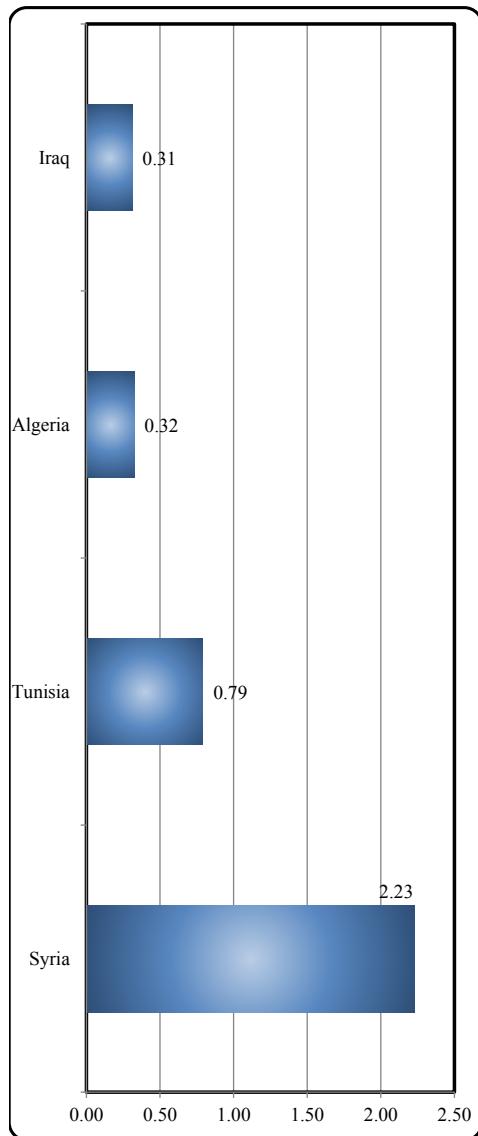
**Domestic prices of oil products in OAPEC Members,
Gasoline 98 Octane
(US Dollar / Litre)**



**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)**

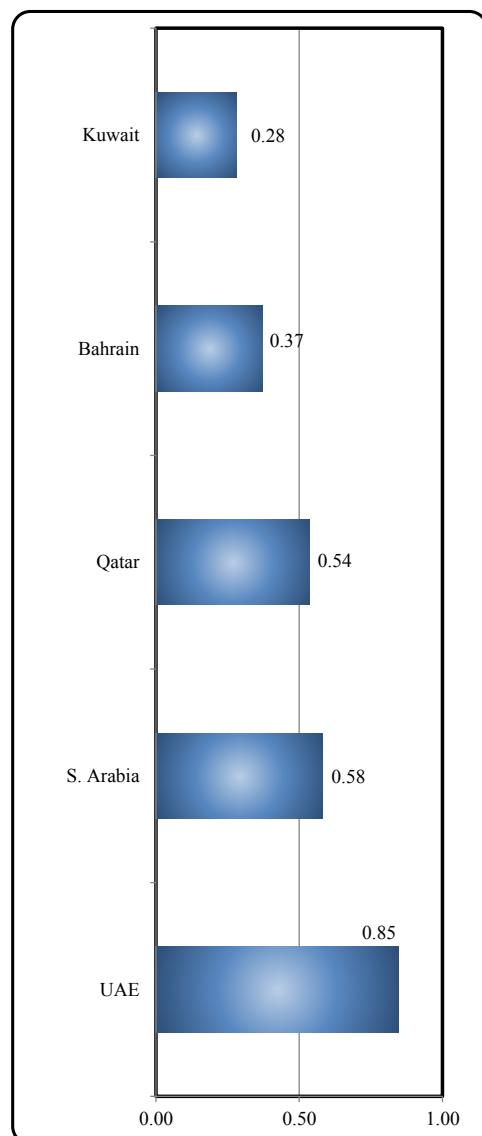




Table No. (54)
Domestic prices of natural gas in OAPEC Members
(Local Currency / Million Btu)

Country and Last date for which Data is Available		Local Currency	Price range		
	Year		Unified Price	Highest	Lowest
Algeria	2021/1	Dinar	-	115.0	27.6
Bahrain	2021/4	Dinar	3.750	-	-
Egypt	2021/11	Pound	-	90.0	50.8
Iraq	2021	Dinar	-	3693.4	1231.1
Kuwait	2021	Dinar	1.520	-	-

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

Country and Last date for which Data is Available		Price range		
	Year	Unified Price	Highest	Lowest
Algeria	2021/1	-	0.85	0.20
Bahrain	2021/4	9.97	-	-
Egypt	2021/11	-	5.75	3.25
Iraq	2021	-	2.55	0.85
Kuwait	2021	5.04	-	-

At 2021 Exchange Rates

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VI

Transport of Oil and Natural Gas

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Table No. (56)
Crude Oil tanker fleet in OAPEC Members, 2017-2021
(Tanker -As at year end)

	2017	2018	2019	2020	2021*
Algeria	1	1	1	1	1
Egypt	3	3	4	5	5
Iraq	4	4	4	4	4
Kuwait	12	12	10	11	12
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	53	53	52	54	55

* Year 2021 estimated.

Crude Oil tanker fleet in OAPEC Members, 2021
(Tanker -As at year end)

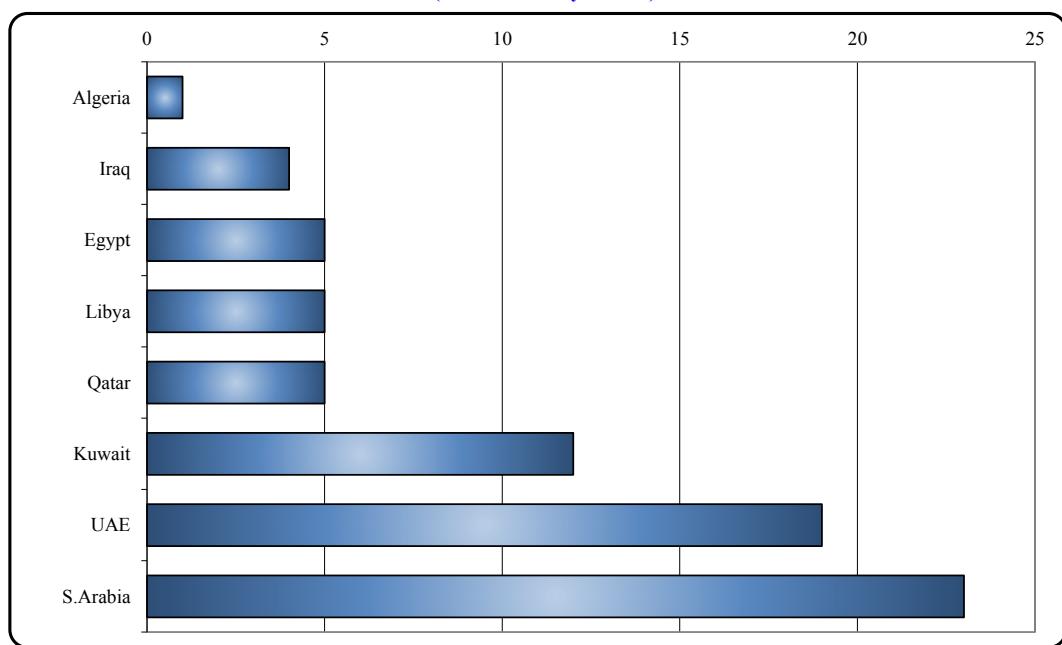


Table No. (57)
Oil tanker fleet size in OAPEC Members, 2017-2021
(Thousand DWT)

	2017	2018	2019	2020	2021*
Algeria	160	337	337	337	337
Iraq	54	54	54	54	54
Kuwait	2802	3181	4268	3295	3619
Libya	548	548	548	548	548
Qatar	397	397	397	397	397
S.Arabia	6004	6004	6004	6004	6004
UAE	1139	1139	1139	1140	1140
OAPEC	3961	4517	5604	4631	4955

* Year 2021 estimated.

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

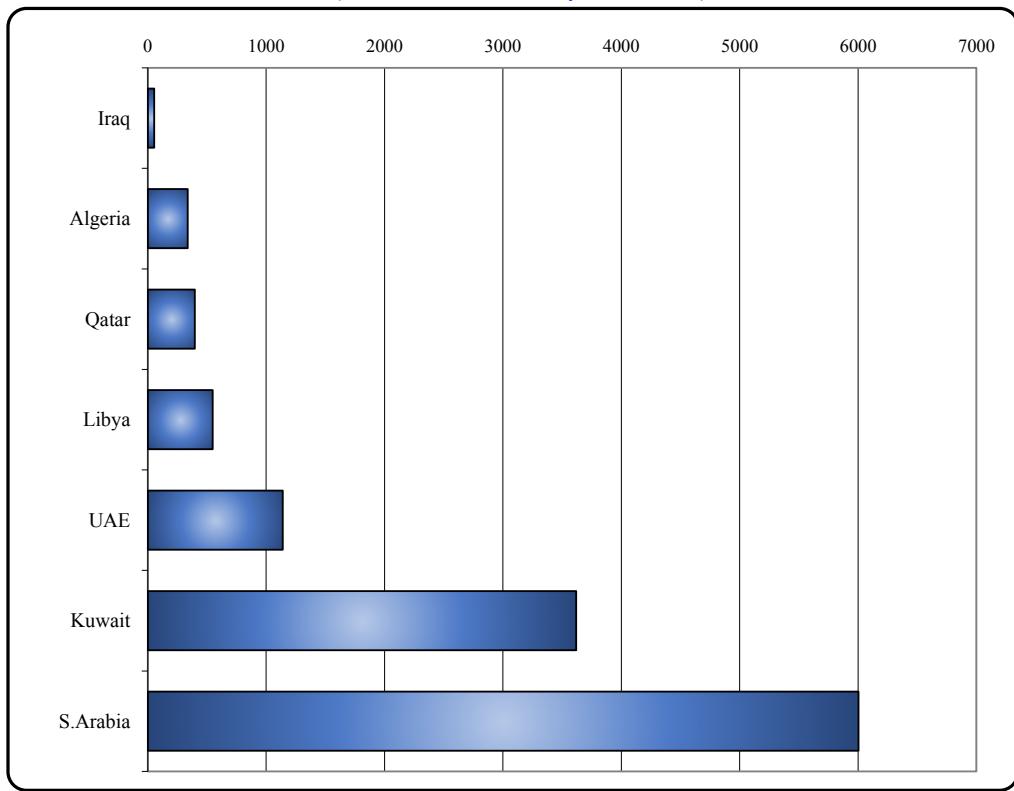




Table No. (58)
LPG and LNG carriers fleet in OAPEC Members, 2021
(Thousand cubic metres - As at year end 2021)*

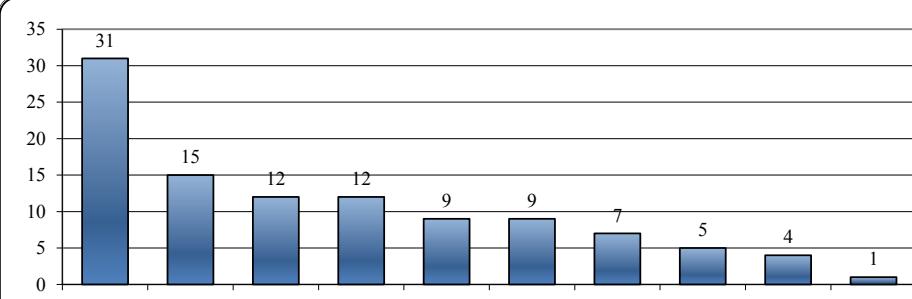
	LPG No.	Capacity	LNG No.	Capacity	Total No.	Capacity
Algeria	10	463.0	11	1359	21	1822
Bahrain	-	-	-	-	-	-
Egypt	3	120.0	-	-	3	120
Iraq	-	-	-	-	-	-
Kuwait	5	417.3	-	-	5	417
Libya	2	8.0	-	-	2	8
Qatar	4	328.0	67	8500	71	8828
S. Arabia	-	-	-	-	-	-
Syria	-	-	-	-	-	-
Tunisia	-	-	-	-	-	-
UAE	1	-	8	1098	9	1098
OAPEC	25	1336	86	10957	111	12294

Table No. (59)
Crude oil pipeline network in OAPEC Members, 2021
(As at year end 2021)*

	No. of Pipelines	Length (Miles)	Diameter (Inches)
Algeria	12	3089	34 - 20
Bahrain	1	70	30
Egypt	12	723	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	141	15594	-

* Year 2021 estimated.

Crude oil pipeline network in OAPEC Members, 2021
(Line - As at year end 2021)



Crude oil pipeline network in OAPEC Members, 2021
(Miles - As at year end 2021)

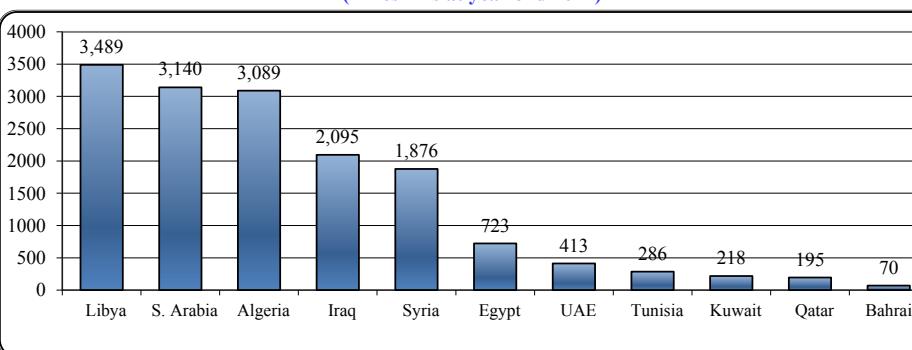


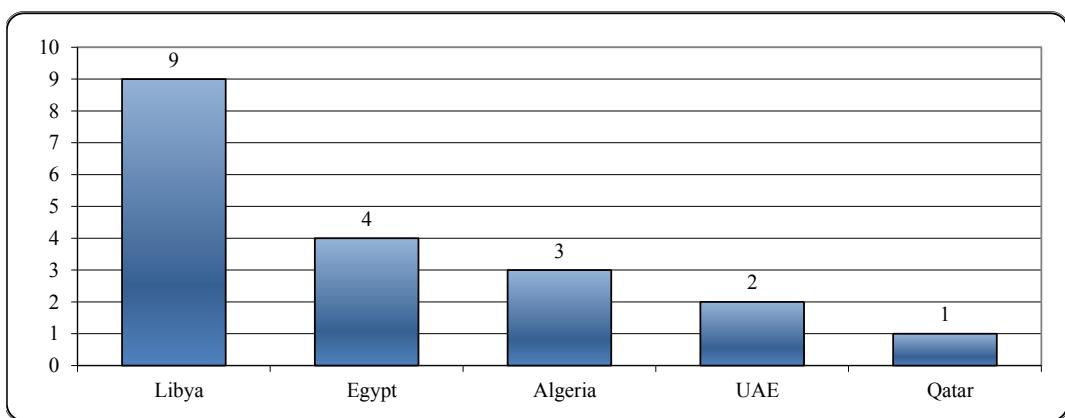


Table No. (60)
Condensate pipeline network in OAPEC Members, 2021
(As at year end 2021)*

	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	16	2105	-

* Year 2021 estimated.

Condensate pipeline network in OAPEC Members, 2021
(Line - As at year end 2021)



Condensate pipeline network in OAPEC Members, 2021
(Miles - As at year end 2021)

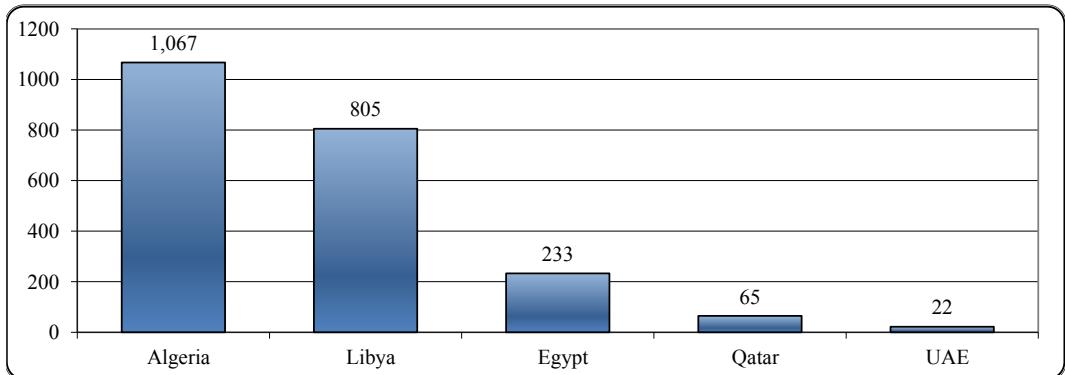
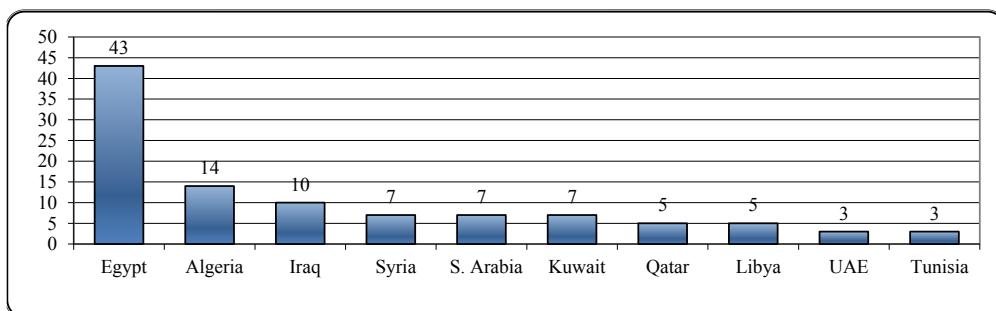


Table No. (61)
Oil products pipeline network in OAPEC Members, 2021
(As at year end 2021)*

	No. of Pipelines	Length (Miles)	Diameter (Inches)
Algeria	14	600	16 - 8
Bahrain	-	-	-
Egypt	43	1850	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	104	6536	-

* Year 2021 estimated.

Oil products pipeline network in OAPEC Members, 2021
(Line - As at year end 2021)



Oil products pipeline network in OAPEC Members, 2021
(Miles - As at year end 2021)

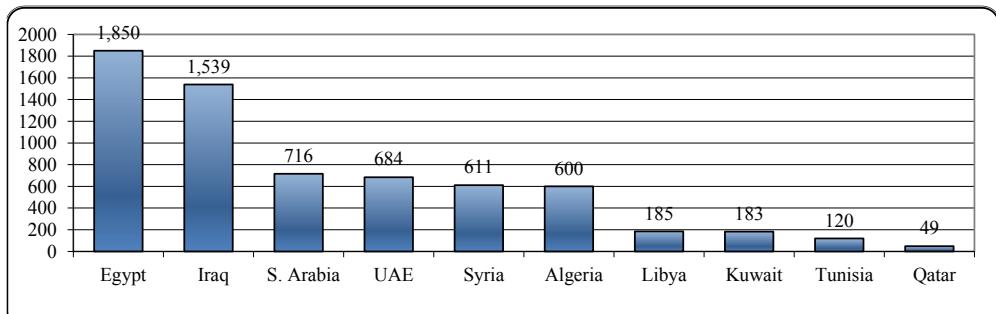


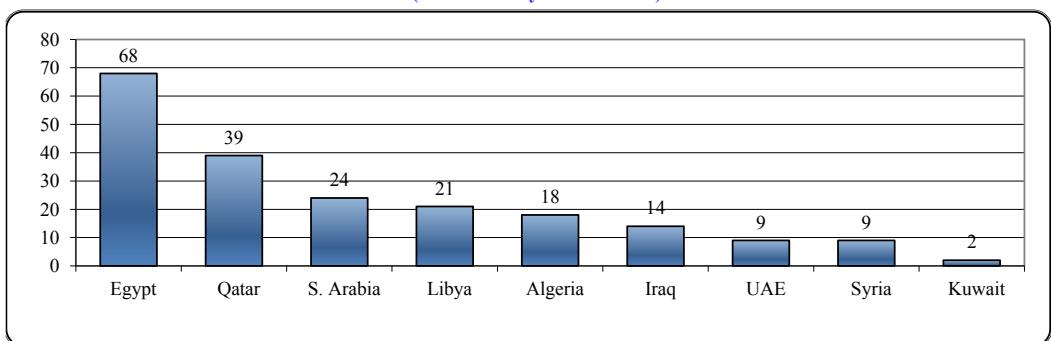


Table No. (62)
Natural gas pipeline network in OAPEC Members, 2021
(As at year end 2021)*

	No. of Pipelines	Length (Miles)	Diameter (Inches)
Algeria	18	7016	48 - 20
Bahrain	-	-	-
Egypt	68	2999	42 - 8
Kuwait	2	106	42 - 12
Libya	21	2215	42 - 10
Iraq	14	1418	48 - 8
Qatar	39	1932	48 - 8
S. Arabia	24	2289	56 - 12
Syria	9	2107	24 - 16
UAE	9	706	48 - 24
OAPEC	204	20788	-

* Year 2021 estimated.

Natural gas pipeline network in OAPEC Members, 2021
(Line - As at year end 2021)



Natural gas pipeline network in OAPEC Members, 2021
(Miles - As at year end 2021)

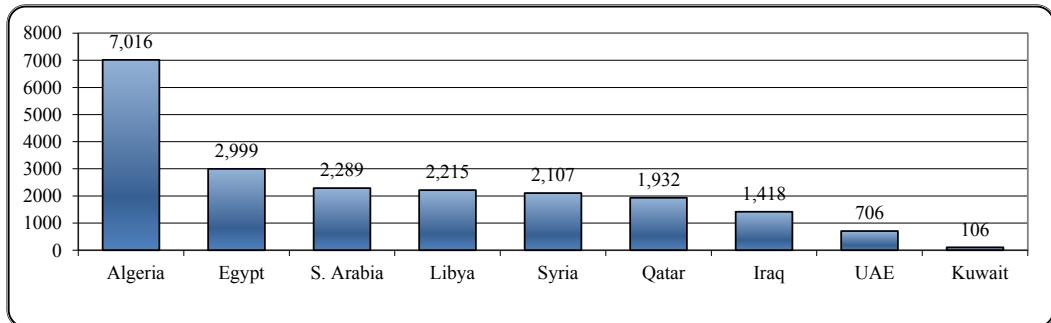
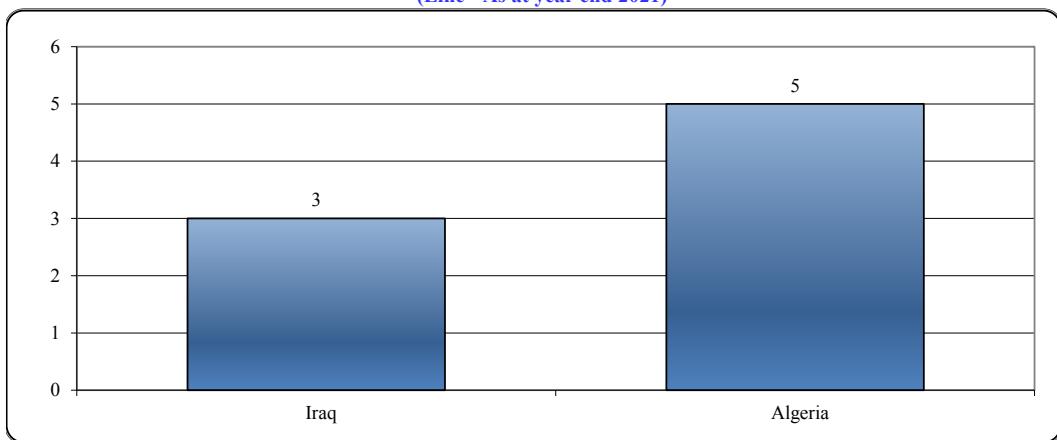


Table No. (63)
Natural gas liquids pipeline network in OAPEC Members, 2021
(As at year end 2021)*

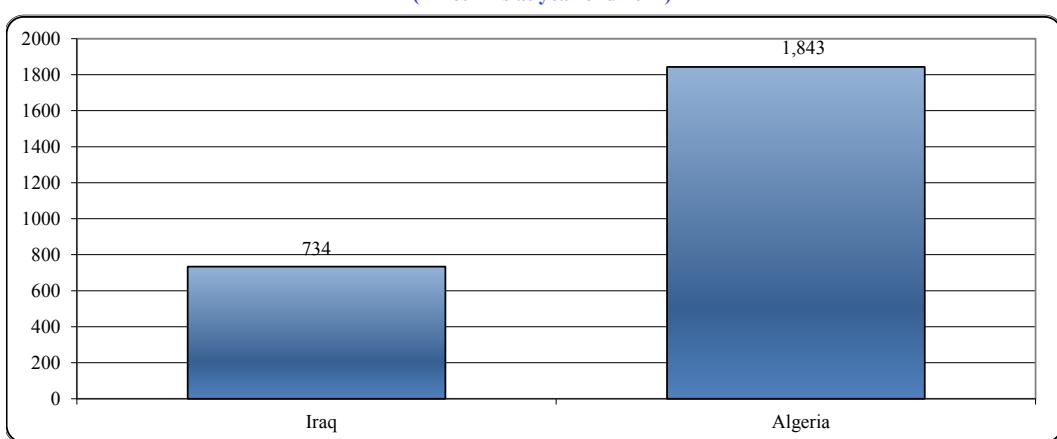
	No. of Pipelines	Length (Miles)	Diameter (Inches)
Algeria	5	1843	24 - 10
Iraq	3	734	14 - 8
S. Arabia	-	1726	-
OAPEC	8	4303	-

* Year 2021 estimated.

Natural gas liquids pipeline network in OAPEC Members, 2021
(Line - As at year end 2021)



Natural gas liquids pipeline network in OAPEC Members, 2021
(Miles - As at year end 2021)



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VII

**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, 2022.**
- 7 - OPEC Annual Statistical Bulletin, 2022**
- 8 - BP Statistical Review of World Energy, 2022**

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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	0.984	1.165	7.33	256	307.86	—	—
1 Long tons	1.016	1	1.18364	7.45	261	313	—	—
1 Kilolitres	0.8581	0.8444	1	6.2898	219.6736	264.17	—	—
1 Barrels	0.1364	0.134	0.159	1	35	42	—	—
1 Imperial gallons	0.00391	0.00383	0.0046	0.0286	1	1.201	—	—
1 US gallons	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	35.3000	0.9000	0.7353	35.7149	6.5970	—
1 billion cubic feet NG	0.0280	1	0.0255	0.0208	1.0113	0.1868	—
1 million tons oil equivalent	1.1111	39.2385	1	0.8170	39.6832	7.3300	—
1 million tons LNG	1.3600	48.0279	1.2240	1	48.5722	8.9719	—
1 trillion British thermal units	0.0280	0.9888	0.0252	0.0206	1	0.1847	—
1 million barrels oil equivalent	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

