



2019 Minerals Yearbook

KUWAIT [ADVANCE RELEASE]

THE MINERAL INDUSTRY OF KUWAIT

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In 2019, hydrocarbons were a leading sector of the economy of Kuwait, as hydrocarbon exports accounted for a significant share of the gross domestic product (Organization of the Petroleum Exporting Countries, 2020, p. 16–17). The country ranked ninth among the leading producers of crude petroleum in the world (BP p.l.c., 2020, p. 16). The legislative framework for the mineral sector in Kuwait is provided by Article 21 of the Constitution and law No. 21 of 1995, law No. 16 of 1996, and decision No. 210 of 2001. Data on mineral production are in table 1. Table 2 is a list of major mineral industry facilities. More-extensive coverage of the mineral industry of Kuwait can be found in previous editions of the U.S. Geological Survey

Minerals Yearbook, Volume III, Area Reports—International—Africa and the Middle East, which are available at <https://www.usgs.gov/centers/nmic/africa-and-middle-east>.

References Cited

- BP p.l.c., 2020, 2020 BP statistical review of world energy (69th ed.): London, United Kingdom, BP p.l.c., June, 66 p. (Accessed September 10, 2020, at <https://www.bp.com/content/dam/bp/business-sites/en/global/corporate/pdfs/energy-economics/statistical-review/bp-stats-review-2020-full-report.pdf>.)
- Organization of the Petroleum Exporting Countries, 2020, Annual statistical bulletin: Organization of the Petroleum Exporting Countries, 90 p. (Accessed August 17, 2020, at https://www.opec.org/opec_web/en/publications/202.htm.)

TABLE 1
KUWAIT: PRODUCTION OF MINERAL COMMODITIES¹

(Metric tons, gross weight, unless otherwise specified)

Commodity ²	2015	2016	2017	2018	2019
INDUSTRIAL MINERALS					
Cement, hydraulic ^c	3,100,000 ^r	4,000,000 ^r	3,400,000 ^r	3,300,000 ^r	3,500,000
Nitrogen, N content:					
Ammonia	535,000	556,000	546,000	250,000 ^e	-- ^e
Urea	474,000	514,000	520,000 ^r	262,000 ^{e,r}	-- ^e
Salt	64,289	66,664	58,200	58,200 ^e	58,200 ^e
Sulfur:					
Compounds, sulfuric acid ^e	18,000	18,000	18,000	18,000	18,000
Byproduct, petroleum, S content ^c	850,000	850,000	850,000	850,000	850,000
MINERAL FUELS AND RELATED MATERIALS					
Natural gas, marketable	16,909	17,291	17,102	17,738	13,952
million cubic meters					
Petroleum:					
Crude, including condensate	1,120,000 ^r	1,153,000 ^r	1,098,000 ^r	1,113,000	1,093,000
thousand 42-gallon barrels					
Refinery:					
Distillate fuel oil	71,175	71,004	62,050 ^r	62,415 ^r	61,320
Gasoline	14,965	20,496	13,140 ^r	13,140 ^r	22,265
Kerosene	69,241	57,096	52,195 ^r	52,195 ^r	49,640
Residual fuel oil	58,400	67,344	55,845 ^r	56,210	53,655
Other	114,610	97,722	139,065 ^r	141,255 ^r	136,510
Total	328,000	314,000	322,000	325,000 ^r	323,000

^eEstimated. ^rRevised. do. Ditto. -- Zero.

¹Table includes data available through August 13, 2020. All data are reported unless otherwise noted. Totals and estimated data are rounded to no more than three significant digits; may not add to totals shown.

²In addition to the commodities listed, secondary aluminum, chlorine, clay, glass, gypsum, methanol, sand and gravel, and crude steel and steel products may have been produced, but available information was inadequate to make reliable estimates of output.

TABLE 2
KUWAIT: STRUCTURE OF THE MINERAL INDUSTRY IN 2019

(Metric tons unless otherwise specified)

Commodity		Major operating companies and major equity owners	Location of main facilities	Annual capacity
Aluminum, secondary		Arabian Light Metals Co. K.S.C. (Kuwait Industries Co. Holding K.S.C.)	Smelter at Ahmadi Industrial Area	15,000
Cement:				
Clinker		Kuwait Cement Co. K.S.C. (Kuwait Investment Authority, 32%, and National Industries Group, 22.4%)	2 kilns at Shuaiba Industrial Area	5,300,000
Do.		ACICO Cement Co. (ACICO Industries Co. K.S.C.)	do.	1,000,000
Gray portland		Kuwait Cement Co. K.S.C. (Kuwait Investment Authority, 32%, and National Industries Group, 22.4%)	do.	3,190,000
Do.		ACICO Cement Co. (ACICO Industries Co. K.S.C.)	Mill at Shuaiba Industrial Area	800,000
White		ACICO Industries Co. K.S.C.	do.	200,000
Do.		Kuwait Cement Co. K.S.C. (Kuwait Investment Authority, 32%, and National Industries Group, 22.4%)	Kiln and mill at Shuaiba Industrial Area	170,000
Iron and steel, steel:				
Crude		Al Oula Steel Manufacturing Co. K.S.C.	Melt shop at Shuaiba Industrial Area	150,000
Do.		United Steel Industrial Co. K.S.C.C. (local investors, 51%, and Ahwaz Steel Commercial and Technical Services GmbH, 49%)	do.	1,000,000
Rolled:				
Bar and rod		do.	Rolling mill at Shuaiba Industrial Area	900,000
Do.		Kuwait Reinforcement Steel Manufacturing Co. (Ali Al-Sarraf International Group Co.)	do.	400,000
Pipe		Kuwait Pipes Industries and Oil Services Co. K.S.C.	Pipe mill at Sulaibiya Industrial Area	120,000
Do.		do.	Pipe mill at Shuwaikh ¹	65,000
Natural gas	million cubic meters	Various	Various fields ²	17,000
Natural gas liquids	thousand 42-gallon barrels	Kuwait Oil Co. K.S.C. (KOC) [Kuwait Petroleum Corp. (KPC), 100%]	Mina Al-Ahmadi GasPort import facility, Mina Al-Ahmadi	70,000
Nitrogen:				
Ammonia		Petrochemical Industries Co. K.S.C. [Kuwait Petroleum Corp. (KPC), 100%]	Plant B, Shuaiba Industrial Area ³	600,000
Urea		do.	Plants A and B, Shuaiba Industrial Area ³	600,000
Petroleum:				
Crude	42-gallon barrels per day	Kuwait Oil Co. K.S.C. (KOC) [Kuwait Petroleum Corp. (KPC), 100%]	Southern and eastern fields (Burgan, Khasman, and Madina fields)	1,519,000
Do.	do.	Al-Khafji Joint Operations (Kuwait Gulf Oil Co., 50%, and Aramco Gulf Operations Co., 50%)	Khafji field, offshore Partitioned Neutral Zone	500,000
Do.	do.	Kuwait Oil Co. K.S.C. (KOC) [Kuwait Petroleum Corp. (KPC), 100%]	Northern fields (Abdali, Bahra, Ratqa, Matraba, Raudhatain, and Sabriya fields)	671,000
Do.	do.	do.	Western fields (Abdaliya, Kra' Al-Mero, Managish, and Umm Gudair fields)	477,000
Do.	do.	do.	Sabriya and West Raudhatain fields	176,000
Do.	do.	Kuwait Gulf Oil Co. [Kuwait Petroleum Corp. (KPC), 100%]	South Fuwaris, South Umm Gudair, and Wafra fields, onshore Partitioned Neutral Zone	80,000
Refinery products	42-gallon barrels per day	Kuwait National Petroleum Co. K.S.C. (KNPC) [Kuwait Petroleum Corp. (KPC), 100%]	Mina Al-Ahmadi refinery, 45 kilometers south of Kuwait City	466,000
Do.	do.	do.	Mina Abdulla refinery, 60 kilometers south of Kuwait City	270,000
Coke, calcined		Petroleum Coke Industries Company (PCIC)	Kiln coke calciner at Shuaiba Industrial Area	350,000

See footnotes at end of table.

TABLE 2—Continued
 KUWAIT: STRUCTURE OF THE MINERAL INDUSTRY IN 2019

(Metric tons unless otherwise specified)

Commodity	Major operating companies and major equity owners	Location of main facilities	Annual capacity
Salt	Al Kout Industrial Projects Co. K.S.S.C.	Plant at Shuaiba Industrial Area	15,000
Sulfur	Kuwait National Petroleum Co. K.S.C. (KNPC) [Kuwait Petroleum Corp. (KPC), 100%]	Mina Abdulla, Mina Al-Ahmadi, and Shuaiba refineries, south of Kuwait City	990,000
Sulfuric acid	Chemikuwait Co.	Plant at West Shuaiba Industrial Area	18,000

Do., do. Ditto. NA Not available.

¹Seasonal operations, typically April through October.

²Some natural gas was produced and recovered from most crude oil production operations in Kuwait and the Partitioned Neutral Zone. Nonassociated natural gas was produced from the Sabriyah field.

³Closed in June 2018.