



2019 Minerals Yearbook

ANGOLA [ADVANCE RELEASE]

THE MINERAL INDUSTRY OF ANGOLA

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The economy of Angola was largely dependent on world demand for the country's principal exported mineral commodities, notably crude petroleum and diamond. In 2019, Angola accounted for 7% of the world's total rough diamond output, by volume, and was the third-ranked producer of crude petroleum in Africa (BP p.l.c., 2020, p. 16; Kimberley Process Certification Scheme, 2020). The legislative framework for the mineral sector in Angola is provided by law No. 31/11 (Mining Code), and Law No. 10/04, which regulates petroleum activities. 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 Angola 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, Statistical review of world energy 2020 (69th ed.): London, United Kingdom, BP p.l.c., June, 65 p. (Accessed September 24, 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>.)
Kimberley Process Certification Scheme, 2020, Annual global summary—2019 production, imports, exports, and KPC counts: Kimberley Process Rough Diamond Statistics, July 27, 1 p. (Accessed September 20, 2020, at https://kimberleyprocessstatistics.org/static/pdfs/public_statistics/2019/2019GlobalSummary.pdf.)

TABLE 1
ANGOLA: PRODUCTION OF MINERAL COMMODITIES¹

(Metric tons, gross weight, unless otherwise specified)

Commodity ²	2015	2016	2017	2018	2019	
INDUSTRIAL MINERALS						
Cement, hydraulic	thousand metric tons	5,240	3,870 ^r	2,570 ^r	2,700 ^r	2,900
Diamond, gem and industrial ³	thousand carats	9,016	9,021	9,439	8,409	9,150
Lime ^e		900,000	880,000	840,000	830,000	820,000
Salt ^e		48,000	43,000	45,000	40,000	40,000
Sand and gravel, industrial, silica ^e		50,100	50,100	50,100	50,000	50,000
Stone, construction, crushed:						
Granite		91,916	99,271	107,211	112,000 ^e	117,000 ^e
Marble ^e		1,800	2,300	2,300	2,300	2,400
Quartz ^e		9,500	9,500	9,500	10,000	10,000
Other, unspecified ^e	thousand metric tons	4,300	5,400	5,400	5,400	5,400
MINERAL FUELS AND RELATED MATERIALS						
Petroleum:						
Crude	thousand 42-gallon barrels	655,540 ^r	636,925 ^r	609,915 ^r	554,435 ^r	517,205
Refinery	do.	19,710 ^r	16,425 ^r	20,075 ^r	20,075 ^r	20,075

^eEstimated. ^rRevised. do. Ditto.

¹Table includes data available through October 6, 2020. All data are reported unless otherwise noted. Estimated data are rounded to no more than three significant digits.

²In addition to the commodities listed, clay (fuller's earth), gold, gypsum and limestone may have been produced, but available information was inadequate to make reliable estimates of output.

³An estimated 90% of total diamond is gem quality and 10% industrial quality.

TABLE 2
ANGOLA: 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 ^c
Cement		Companhia de Cimento do Lobito S.A. (Secil Angola Investimentos e Participações S.A., 51%, and Government, 49%)	Lobito plant, Benguela Province	350,000.
Do.		Nova Cimangola S.A. (Private investors, 72%, and Government, 28%)	Cacuaco plant, Luanda Province	2,460,000.
Do.		do.	do.	1,500,000 clinker.
Do.		Cimenfort Industrial Lda.	Catumbela plant, central Benguela Province	1,400,000.
Do.		China International Fund Luanda Cement Ltd.	Bom Jesus Municipality of Bengo	4,000,000; 3,600,000 clinker.
Do.		Fábrica de Cimento do Kwanza Sul S.A.	Sumbe plant, Kwanza-Sul Province	1,400,000; 1,300,000 clinker.
Diamond	thousand carats	Sociedade Mineira do Chitotolo, Lda [Empresa Nacional de Diamantes de Angola E.P. (ENDIAMA), 45%; ITM Mining Ltd., 40%; LUMANHE Mineira Lda., 15%]	Chitotolo alluvial mine, Nzagi, Lunda Norte Province	28.
Do.	do.	Luó-Sociedade Mineira do Camatchia-Camagico ¹ [ESCOM Mining Co. 45%; Empresa Nacional de Diamantes de Angola E.P. (ENDIAMA), 30%; Hipergesta S.A., 15%; Angodiam S.A.R.L., 10%]	Luó Mine, Lunda Norte Province	60.
Do.	do.	Sociedade de Desenvolvimento Mineiro de Angola S.A.R.L. (SDM) [Empresa Nacional de Diamantes de Angola E.P. (ENDIAMA), 100%]	Luzamba alluvial mine, Cuango Valley, Lunda Norte Province	70.
Do.	do.	Sociedade Mineira de Catoca Lda. [Empresa Nacional de Diamantes de Angola E.P. (ENDIAMA), 41%; ALROSA S.A., 41%; LL International Holding B.V. 18%]	Catoca kimberlite mine, 36 kilometers south of Saurimo, Lunda Sul Province	8,000.
Do.	do.	Sociedade Mineira do Cuango Lda. [Empresa Nacional de Diamantes de Angola E.P. (ENDIAMA), 41%; ITM Mining Ltd., 38%; LUMANHE Lda., 21%]	Cuango alluvial mine, Cuango Valley, Lunda Norte Province	31.
Do.	do.	Sociedade Mineira do Calonda Ltd. [Empresa Nacional de Diamantes de Angola E.P. (ENDIAMA), 50%, and LUMANHE Lda., 50%]	Calonda alluvial mine, Lucapa, Lunda Norte Province	60.
Do.	do.	Empresa Nacional de Diamantes de Angola E.P. (ENDIAMA), 51%; Sociedade Mineira Do Lulo (SML) Lucapa Diamond Co. Ltd., 39%; Rosas e Petalas S.A., 10%	Lulo Diamond Project (alluvials), Lunda Norte Province	10.
Do.	do.	Empresa Nacional de de Diamantes de Angola E.P. (ENDIAMA), 39%; Somiluana – Sociedade Mineira S.A. [Trans Hex Group Ltd.], 33%; domestic private investors, 28%	Somiluana Mine, Lunda Norte Province	95.
Do.	do.	Artisanal miners	Lunda Norte, Lunda Sul, Moxico, Bie, and Malanje Provinces	NA.
Gypsum	thousand metric tons	Super Gesso Indústria e Comércio, Lda.	Gypsum plant, Sumbe, Cuanza Sul Province	300.
Petroleum	thousand 42-gallon barrels per day	Total S.A., 50%; Sociedade Nacional de Combustíveis de Angola Ltd. Pesquisa & Produção (Sonangol P&P), 20%; Odebretch S.A., 15%; Total E&P Chissong Ltd., 15%	Block 16, offshore	NA.
Do.	do.	Sociedade Nacional de Combustíveis de Angola Ltd. Pesquisa & Produção (Sonangol P&P), 100%	Block 23, offshore	NA.
Do.	do.	BP p.l.c., 50%, and Sonangol-Sinopec International, 50%	Block 18, offshore	240.
Do.	do.	Sociedade Nacional de Combustíveis de Angola, Ltd. Pesquisa & Produção (Sonangol P&P), 45%; BP p.l.c., 26.67%; Sonangol Sinopec International Ltd. (SSI), 15%; Equinor ASA, 13.33%	Block 31, offshore	150.

See footnotes at end of table.

TABLE 2—Continued
ANGOLA: 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 ^c
Petroleum— Continued	thousand 42-gallon barrels per day	Chevron Corp., 31%; Eni S.p.A., 20%; Sociedade Nacional de Combustíveis de Angola Ltd. (Sonangol), 20%; Total S.A., 20%; Galp Energia, SGPS, S.A., 9%	Block 14, offshore	100.
Do.	do.	China Petroleum and Chemical Corp., 40%; Petróleo Brasileiro S.A., 30%; Sociedade Nacional de Combustíveis de Angola Ltd. (Sonangol), 20%; Falcon Oil Holding Angola S.A., 5%; Gema Group Angola, 5%	Block 18/06, offshore	NA.
Do.	do.	Eni S.p.A., 36.84%; Sociedade Nacional de Combustíveis de Angola Ltd. Pesquisa & Produção (Sonangol P&P) 36.84%; Sonangol-Sinopec International Ltd (SSI), 26.32%	Block 15/06, offshore	NA.
Do.	do.	Eni S.p.A., 50%; Total S.A., 25%; Galp Energia, SGPS, S.A., 10%; Ina-Industrija Nafta, d.d., 7.5%	Block 1, offshore	NA.
Do.	do.	Exxon Mobil Corp., 40%; BP p.l.c., 26.67%; Eni S.p.A., 20%; Equinor ASA, 13.33%	Block 15, offshore	700.
Do.	do.	Pluspetrol Resources Corp, 55%; Force Petroleum Group Ltd., 20%; Sociedade Nacional de Combustíveis de Angola Ltd. Pesquisa & Produção (Sonangol P&P), 20%; Cuba Petróleo, S.A., 5%	Cabinda South block, onshore	NA.
Do.	do.	Sociedade Nacional de Combustíveis de Angola Ltd. (Sonangol), 100%	Area A (Kwanza), onshore	NA.
Do.	do.	do.	Block 3, Canuku field, offshore	NA.
Do.	do.	do.	Block 4, Kiabo field, offshore	NA.
Do.	do.	Sociedade Nacional de Combustíveis de Angola Ltd. (Sonangol), 83.6%, and Chevron Corp., 16.4%	Area B (Soyo), onshore	NA.
Do.	do.	Sociedade Nacional de Combustíveis de Angola Ltd. (Sonangol), 41%; Chevron Corp., 39.2%; Total S.A., 10%; Eni S.p.A., 9.8%	Block 0, offshore Cabinda	340.
Do.	do.	Somoil S.A., 30%; Falcon Oil Holding S.A., 20%; Kotoil, S.A., 12.5%; Poliedro Oil Co. S.A., 12.5%; ACREP Exploracao Petrolifera S.A., 12.5%; Prodoil S.A.R.L., 12.5%	Block 2/05, offshore	NA.
Do.	do.	Sociedade Nacional de Combustíveis de Angola Ltd. Pesquisa & Produção (Sonangol P&P), 25%; China Sonangol, 25%; Ajoco Exploration Company Ltd 20%; Eni S.p.A., 12%; Somoil S.A., 10%; INA d.d., 4%; Naftna Industrija Srbije A.D., 4%	Block 3/05A, Palanca, Pacassa, Buffalo, Impala, Cobo, Pambi and Oombo, offshore	NA.
Do.	do.	Eni S.p.A., 48%; Sociedade Nacional de Combustíveis de Angola Ltd. Pesquisa & Produção (Sonangol P&P), 20%; SOCO International Plc., 22%; ACREP Exploracao Petrolifera S.A., 10%	Cabinda North block, onshore	NA.
Do.	do.	Sociedade Nacional de Combustíveis de Angola Ltd. Pesquisa & Produção (Sonangol P&P), 50%; ACREP Exploracao Petrolifera S.A., 18.75%; Somoil S.A., 18.75%; Prodoil S.A.R.L., 12.5%	Block 4/05, offshore	60.
Do.	do.	Sociedade Nacional de Combustíveis de Angola Ltd. Pesquisa & Produção (Sonangol P&P), 30%; Total S.A., 30%; Sonangol Sinopec International Ltd. (SSI), 20%; Exxon Mobil Corp., 15%; Galp Energia, SGPS, S.A., 5%	Block 32, offshore	NA.
Do.	do.	Total S.A., 30%; Sonangol-Sinopec International, 27.5%; Sociedade Nacional de Combustíveis de Angola Ltd. Pesquisa & Produção (Sonangol P&P), 20%; ACREP Exploracao Petrolifera S.A., 5%; Falcon Oil Holding Angola, S.A., 5%; Partex (Angola) Corp., 2.5%	Block 17/06, offshore	NA.
Do.	do.	Total S.A., 40%; Equinor ASA, 23.33%; Exxon Mobil Corp., 20%; BP p.l.c., 16.67%	Block 17, offshore	700.
Petroleum refinery products	do.	Luanda refinery, Sociedade Nacional de Combustíveis de Angola Ltd. (Sonangol), 100%	Luanda refinery, Luanda	65,000.

See footnotes at end of table.

TABLE 2—Continued
 ANGOLA: 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 ^e
Stone, granite	cubic meters	Angostone, Lda., 100%	Quarries in Cunene, Huila, and Namibe Provinces	12,000.
Do.	do.	Emanha Granitos Lda., 100%	Quarries in Benguela, Huila, and Namibe Provinces	100,000.
Do.	do.	Rodang Lda., 100%	do.	6,300.
Do.	do.	Metarochas Rochas e Semi-Preciosas de Angola, Lda., 100%	do.	2,200.

Do., do. Ditto. NA Not available.

¹Mining license suspended in 2019.