



# 2017–2018 Minerals Yearbook

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**CHAD [ADVANCE RELEASE]**

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# THE MINERAL INDUSTRY OF CHAD

By Philip A. Szczesniak

In 2017 and 2018, the economy of Chad was based largely on the production of crude petroleum and refined petroleum products (World Bank, The, 2018). The legislative framework for the mineral sector in Chad is provided by law No. 004/PR/2018. 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 Chad 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>.

## Reference Cited

World Bank, The, 2018, Chad—Overview: Washington, DC, The World Bank, May 17. (Accessed June 13, 2019, at <http://www.worldbank.org/en/country/chad/overview>.)

TABLE 1  
CHAD: PRODUCTION OF MINERAL COMMODITIES<sup>1</sup>

(Metric tons, gross weight, unless otherwise specified)

Commodity <sup>2</sup>	2014	2015	2016	2017	2018	
<b>INDUSTRIAL MINERALS</b>						
Cement, hydraulic <sup>c</sup>	200,000	200,000	250,000 <sup>r</sup>	300,000	350,000	
<b>MINERAL FUELS AND RELATED MATERIALS</b>						
<b>Petroleum:</b>						
Crude	thousand 42-gallon barrels	32,400 <sup>r</sup>	40,400 <sup>r</sup>	37,700 <sup>r</sup>	37,900	36,700
Refinery <sup>c</sup>	do.	6,000 <sup>r</sup>	7,000	7,000	7,000	6,800

<sup>c</sup>Estimated. <sup>r</sup>Revised. do. Ditto.

<sup>1</sup>Table includes data available through September 3, 2019. All data are reported unless otherwise noted. Estimated data are rounded to three significant digits.

<sup>2</sup>In addition to the commodities listed, clay, crushed stone, gold, lime, limestone, natural gas, salt, sand, and sodium carbonate may have been produced, but available information was inadequate to make reliable estimates of output.

TABLE 2  
CHAD: STRUCTURE OF THE MINERAL INDUSTRY IN 2018

(Metric tons unless otherwise specified)

Commodity		Major operating companies and and major equity owners	Location of main facilities	Annual capacity
Cement		CIMAF Group	Lamadji plant, N'Djamene Mayo-Kebbi Ouest Department	500,000
Do.		Ciment du Tchad [Société Nationale de Ciment (SONACIM)]	Baore plant, Bisi Keda, Mayo-Kebbi Ouest Department	210,000
Gold	kilograms	Artisanal placer operations	Mayo Dala Department	150 <sup>e</sup>
Do.	do.	do.	Tibesti Department	NA
Petroleum:				
Crude	million 42-gallon barrels	Esso Exploration and Production Chad, Inc. (Esso Chad) (Exxon Mobil Corp., 40%; Petronas Carigali Overseas Sdn. Bhd., 35%; Société des Hydrocarbures du Tchad S.A., 25%)	Bolobo, Kome, Maikeri, Miandoum, Moundouli, Nya, and Timbre fields, Doba Basin	79 <sup>e</sup>
Do.	do.	CNPC International (Chad) Co. Ltd. (China National Petroleum Corp.)	Permit H, which includes the Koudalwa, the Ronier, and Grand Baobab fields	40 <sup>e</sup>
Do.	do.	PetroChad Mangara Ltd. (Glencore plc, 85%, and Société des Hydrocarbures du Tchad S.A., 15%)	Badila and Mangara fields	20 <sup>e</sup>
Refined products	do.	CNPC International (Chad) Ltd. Co. (China National Petroleum Corp., 60%, and Société des Hydrocarbures du Tchad S.A., 40%)	N'Djamena refinery, about 30 kilometers north of N'Djamena	7
Salt		Various local operators	Various locations	10,000 <sup>e</sup>
Stone, crushed		Société Tchadienne d'Exploitation des Carrières (SOTEC)	Mani rhyolite quarry, Dandi	600,000

<sup>e</sup>Estimated. Do., do. Ditto. NA Not available.