

# 2016 Minerals Yearbook

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## CHAD

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# THE MINERAL INDUSTRY OF CHAD

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In 2016, the economy of Chad was based largely on the production of crude petroleum (World Bank, The, 2017). The legislative framework for the mineral sector in Chad is provided by law No. 011/PR/95 of 1995. 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, 2017, Overview: Washington, DC, The World Bank, April 20. (Accessed January 16, 2017, 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>	2012	2013	2014	2015	2016
<b>METALS</b>					
Gold, mine production, Au content kilograms	--	14	14	14	14 <sup>c</sup>
<b>INDUSTRIAL MINERALS</b>					
Cement, hydraulic	140,000 <sup>c</sup>	180,000	200,000 <sup>c</sup>	200,000 <sup>c</sup>	200,000 <sup>c</sup>
<b>MINERAL FUELS AND RELATED MATERIALS</b>					
<b>Petroleum:</b>					
Crude thousand 42-gallon barrels	36,865	30,295	28,470	30,000	26,645
Refinery production do.	4,000	4,000	7,000	7,000	7,000

<sup>c</sup>Estimated. do. Ditto. -- Zero.

<sup>1</sup>Table includes data available through November 29, 2017. All data are reported unless otherwise noted. Estimated data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>In addition to the commodities listed, aggregate, clay, lime, limestone, salt, sand, and stone may have been produced in Chad, but available information was inadequate to make reliable estimates of output.

TABLE 2  
CHAD: STRUCTURE OF THE MINERAL INDUSTRY IN 2016

(Metric tons unless otherwise specified)

Commodity		Major operating companies and and major equity owners	Location of main facilities	Annual capacity
Cement		Ciment du Tchad [Société Nationale de Ciment (SONACIM)]	Baoré plant, Bisi Keda, Mayo-Kebbi Ouest Department	200,000
Gold	kilograms	Artisanal placer operations	Mayo Dala Department	150 <sup>c</sup>
Petroleum:				
Crude	million 42-gallon barrels	Esso Exploration and Production Chad, Inc. (Esso Chad) (Exxon Mobil Corp., 40%; Petronas Carigali Overseas Sdn. Bhd., 35%; Government, 25%)	Bolobo, Kome, Maikeri, Miandoum, Moundouli, Nya, and Timbre fields, Doba Basin	79 <sup>c</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>c</sup>
Do.	do.	PetroChad Mangara Ltd. (Glencore plc, 85%, and Société des Hydrocarbures du Tchad S.A., 15%)	Badila and Mangara fields	20 <sup>c</sup>
Refinery products	do.	CNPC International (Chad) Ltd. Co. (China National Petroleum Corp., 60%, and Société des Hydrocarbures du Tchad S.A., 40%)	Djarmaya refinery, about 30 kilometers north of N'Djamena	7
Salt		Various local operators	Various locations	10,000 <sup>c</sup>
Stone, crushed		Société Tchadienne d'Exploitation des Carrières (SOTEC)	Mani rhyolite quarry, Dandi	600,000

<sup>c</sup>Estimated. Do., do. Ditto.