

2016 Minerals Yearbook

MALI AND NIGER

THE MINERAL INDUSTRIES OF MALI AND NIGER

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MALI

In 2016, the production of mineral commodities—notably gold, but also cement—represented only a minor part of the economy of Mali (International Monetary Fund, 2017, p. 2, 5, 22, 24, 26). The legislative framework for the mineral sector in Mali is provided by law No. 2012–015 of February 27, 2012. 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 Mali 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://minerals.usgs.gov/minerals/pubs/country/africa.html>.

Reference Cited

International Monetary Fund, 2017, Mali—Seventh review under the extended credit facility arrangement, and request for extension and augmentation of access—Press release; staff report; and statement by the executive director for Mali: Washington, DC, International Monetary Fund, Country Report no. 17/209, July, 74 p. (Accessed August 25, 2017, at <http://www.imf.org/en/Publications/CR/Issues/2017/07/12/Mali-Seventh-Review-Under-the-Extended-Credit-Facility-Arrangement-and-Request-for-Extension-45072>.)

NIGER

In 2016, the production of mineral commodities—notably uranium, but also cement, coal, gypsum, petroleum (crude and

refinery production), salt, and silver—represented only a minor part of the economy of Niger (International Monetary Fund, 2017, p. 35, 67; World Nuclear Association, 2017). The legislative framework for the mineral industry in Niger is provided by law No. 2006–26 of August 9, 2006, for its nonfuel mineral sector and by law No. 2007–01 of January 31, 2007, for its petroleum sector. 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 Niger 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>.

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International Monetary Fund, 2017, Niger—2016 Article IV consultation and request for a three-year arrangement under the extended credit facility—Press release; staff report; and statement by the executive director for Niger: Washington, DC, International Monetary Fund, Country Report no. 17/59, February, 137 p. (Accessed August 31, 2017, at <http://www.imf.org/en/Publications/CR/Issues/2017/02/24/Niger-2016-Article-IV-Consultation-and-Request-for-a-Three-Year-Arrangement-Under-the-44704>.)
World Nuclear Association, 2017, Uranium in Niger: World Nuclear Association, July. (Accessed August 31, 2017, at <http://www.world-nuclear.org/information-library/country-profiles/countries-g-n/niger.aspx>.)

TABLE 1
MALI AND NIGER: PRODUCTION OF MINERAL COMMODITIES¹

(Metric tons, gross weight, unless otherwise specified)

Commodity ^{2,3}		2012	2013	2014	2015	2016
MALI						
Cement, hydraulic	thousand metric tons	NA	440 ^e	660 ^e	630 ^e	630 ^e
Gold, mine production, Au content	kilograms	41,016	41,392	40,900	40,900	42,000 ^e
NIGER						
Cement, hydraulic		75,267	29,135	21,052	50,531	51,000 ^e
Coal, bituminous		235,072	241,792	255,936	221,024	246,631
Gold, mine production, Au content ⁴	kilograms	1,677 ^r	1,150	732	1,220	999
Gypsum		600	--	--	--	-- ^e
Petroleum:						
Crude	thousand 42-gallon barrels	4,642	6,498	6,256	5,459	6,014
Refinery production	do.	4,550	6,335	5,800	4,499	4,520
Salt ^e		30,000	30,000	30,000	30,000	30,000
Silver, mine production, Ag content	kilograms	329	300 ^e	300 ^e	300 ^e	300 ^e
Uranium, mine production, U content		4,667	4,518	4,057	4,116	3,477

^eEstimated. ^rRevised. do. Ditto. NA Not available. -- Zero.

¹Table 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.

²In addition to the commodities listed, diamond, iron ore, salt, sand and gravel, silver as a byproduct of gold mining, colored gemstones (amethyst, epidote, garnet, prehnite, and varieties of quartz), and phosphate rock may have been produced in Mali, but available information was inadequate to make reliable estimates of output.

³In addition to the commodities listed, phosphate rock, sulfuric acid produced from imported sulfur, tungsten ore, and a variety of construction materials (clay, sand and gravel, and stone) may have been produced in Niger, but available information was inadequate to make reliable estimates of output.

⁴Reported by the Institut National de la Statistique.

TABLE 2
MALI AND NIGER: STRUCTURE OF THE MINERAL INDUSTRIES IN 2016

(Metric tons unless otherwise specified)

Country and commodity		Major operating companies and major equity owners	Location of main facilities ¹	Annual capacity
MALI				
Gold	kilograms	Artisanal miners	Kenieba Valley	5,000
Do.	do.	Endeavour Mining Corp., 80%, and Government, 20%	Tabakoto-Segala Mine complex, Kenieba Valley	4,600
Do.	do.	Morila Ltd. (AngloGold Ashanti Ltd., 40%; Randgold Resources Ltd., 40%; Government, 20%)	Morila Mine, 280 km southeast of Bamako	4,500
Do.	do.	Sadiola Exploration Company Ltd. (AngloGold Ashanti Ltd., 40%; IAMGOLD Corp., 40%; Government, 20%)	Yatela Mine, 50 km southwest of Kayes	500 ²
Do.	do.	Société d'Exploitation des Mines d'Or de Sadiola S.A. (AngloGold Ashanti Ltd., 41%; IAMGOLD Corp., 41%; Government, 18%)	Sadiola Hill Mine, 77 km south of Kayes	7,000
Do.	do.	Société d'Exploitation des Mines d'Or de Kalana S.A. (Avnel Gold Mining Ltd., 80%, and Government, 20%)	Kalana Mine, 300 km south of Bamako	900
Do.	do.	Société des Mines de Loulo S.A. (Somilo) (Randgold Resources Ltd., 80%, and Government, 20%)	Loulo-Goukoto Mine complex, 350 km west of Bamako	21,000
Do.	do.	Société des Mines de Syama S.A. (Resolute Mining Ltd., 80%, and Government, 20%)	Syama Mine, 300 km southeast of Bamako	7,800
Phosphate rock		Toguna S.A. (Toguna Groupe, 100%)	Tilemsi, northern Mali	100,000
NIGER				
Cement		Société Nigérienne de Cimenterie (Damnaz Cement Company Ltd.)	Malbaza Uzine, southwestern Niger	80,000
Coal		Société Nigérienne de Charbon (SONICHAR)	Anou Araren, central Agadez region	300,000
Gold	kilograms	Société de Patrimoine des Mines du Niger S.A. (SOPAMIN) (Government, 100%)	Samira Hill Mine, 90 km west of Niamey	3,000
Petroleum	thousand 42-gallon barrels per day	China National Petroleum Corp., 60%, and Government, 40%	Agadem oilfields	20,000
Petroleum refinery products	do.	do.	Soraz refinery, city of Zinder, 900 km east of Niamey	20,000
Phosphate rock		Toguna Agro-Industries SA	Tilemsi Valley, northeastern Niger	20,000
Salt		Artisanal miners	Bilma salt pans, Tenere Desert, northern Niger	33,000
Uranium		Compagnie Minière d'Akouta (COMINAK) [Areva Group, 34%; Société de Patrimoine des Mines du Niger S.A. (SOPAMIN), 31%; Overseas Uranium Resources Development Co., 25%; ENUSA Industrias Avanzadas S.A., 10%]	Akouta underground mine, northern Niger	2,000
Do.		Société des Mines de l'Air (SOMAIR) [Areva Group, 63.4%, and Société de Patrimoine des Mines du Niger S.A. (SOPAMIN), 36.6%]	Arlit open pit mine, 6 km northwest of Arlit, Agadez region	3,000
Do.		Société des Mines d'Azelik S.A.	Azelik Mine	700 ³

Do. do. Ditto.

¹Abbreviations used for units of measure are as follows: km, kilometer.

²Mining operations at the Yatela Mine ceased in 2013; however, stockpiled ore continued to be processed.

³On care-and-maintenance status.