

2016 Minerals Yearbook

BANGLADESH

THE MINERAL INDUSTRY OF BANGLADESH

By Yolanda Fong-Sam

In 2016, the production of mineral commodities—notably cement, coal, natural gas, iron and steel, petroleum, salt, and stone—represented only a minor part of the economy of Bangladesh. The legislative framework for the mineral sector in Bangladesh is provided by Ordinance No. 21 of April 11, 1985, and the Bangladesh Oil, Gas and Mineral Corporation (PETROBANGLA) Amendment Act of 1989. Through these ordinances, PETROBANGLA holds shares in any company formed in accordance with Act XI of February 1989 for the purpose of exploration and production of oil, gas, and mineral resources (Bangladesh Oil, Gas and Mineral Corp., 2016, p. 11–12). 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 Bangladesh can be found in previous editions of the U.S. Geological Survey Minerals Yearbook, volume III, Area Reports—International—Asia and the Pacific, which are available at <https://www.usgs.gov/centers/nmic/asia-and-pacific>.

Reference Cited

Bangladesh Oil, Gas and Mineral Corp., 2016, Annual report 2016: Dhaka, Bangladesh, Bangladesh Oil, Gas and Mineral Corp., 62 p. (Accessed January 4, 2018, at https://petrobangla.org.bd/admin/attachment/webtable/596_upload_0.pdf.)

TABLE 1
BANGLADESH: PRODUCTION OF MINERAL COMMODITIES¹

(Metric tons, gross weight, unless otherwise specified)

Commodity ²	2012	2013	2014	2015	2016
METALS					
Iron and steel, products:					
Billets	234,535	287,615	263,028	360,520	396,073
Steel products	674,274	737,115	666,035	648,521	1,158,100
INDUSTRIAL MINERALS					
Cement, hydraulic	15,250	16,780	17,000 ^c	18,000 ^c	18,000 ^c
Nitrogen, N content, ammonia ^c	700,000	600,000 ^r	600,000 ^r	600,000 ^r	600,000
Salt, marine ³	1,438,805	1,439,000	1,460,698 ^r	1,463,117 ^r	1,477,157
Stone, crushed:					
Boulder	9,263	8,856	9,017	9,100 ^{r,c}	9,100 ^c
Granite	281,402	332,773	187,342	931,476	153,719
MINERAL FUELS AND RELATED MATERIALS					
Coal, bituminous ³	854,805	854,804	947,125	675,776	1,021,638
Natural gas, marketable ⁴	21,060	22,670	23,231	25,263	27,559
Petroleum:					
Crude	--	2,580	2,528	2,500 ^c	2,500 ^c
Refinery production:					
Bitumen	400	433	350	411	202
Diesel	2,798	2,879	2,697	2,896	2,470
Kerosene	1,748	2,211	1,787	1,896	1,503
Liquefied petroleum gas	148	161	130	128	115
Naphtha	931	1,144	1,082	1,332	1,085
Total	6,030	6,830	6,050	6,660	5,380

^cEstimated. ^rRevised. do. Ditto. -- Zero.

¹Table includes data available through January 5, 2018. 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, limestone, sand and gravel may have been produced in Bangladesh, but available information was inadequate to make reliable estimates of output.

³Data are for the fiscal year ending on June 30 of the year stated.

⁴Gross production is not reported; the quantity vented, flared, or reinjected is thought to be negligible.

TABLE 2
BANGLADESH: STRUCTURE OF THE MINERAL INDUSTRY IN 2016

(Thousand metric tons unless otherwise specified)

Commodity		Major operating companies and major equity owners	Location of main facilities	Annual capacity ^c
Cement		Chhatak Cement Factory Ltd. (Bangladesh Chemical Industries Corp.)	Shunamgnj, Chhatak	190.
Do.		Cemex Cement Bangladesh Ltd.	Mahmudnagar	600.
Do.		Confidence Cement Ltd.	Chittagong	700.
Do.		HeidelbergCement Bangladesh Ltd.	Chittagong and Narayangonj (near Dhaka)	2,000.
Do.		LafargeHolcim Bangladesh Ltd.	Chhatak, Sunamganj	1,500 (1,400 clinker).
Do.		Meghna Cement Mills Ltd. (an enterprise of the Bashundhara Group of Bangladesh)	Mongla Port Industrial Zone and Pashur River Bank facility	1,000.
Do.		Premier Cement Mills Ltd.	West Mukterpur in Munshigonj	2,400.
Do.		Shah Cement Industries Ltd.	Dhaka	1,860.
Do.		Unique Cement Industries Ltd.	Chittagong, Dhaka, and Sylhet	1,440.
Do.		Various	18 additional facilities	5,240.
Coal		Barapukuria Coal Mining Co. Ltd. (BCMCL) [Bangladesh Oil, Gas and Mineral Corp. (Petrobangla), 100%]	Barapukuria, Rangpur Division	1,900.
Fertilizer		Di-Ammonium Phosphate Fertilizer Co. Ltd. (Bangladesh Chemical Industries Corp.)	Anowara, Chittagong	528.
Do.		Jamuna Fertilizer Co. Ltd. (Bangladesh Chemical Industries Corp.)	Tarakandi, Jamalpur	561.
Do.		Natural Gas Fertilizer Factory Ltd. (Bangladesh Chemical Industries Corp.)	Fenchugonj, Sylhet	106.
Do.		Polash Urea Fertilizer Ltd. (Bangladesh Chemical Industries Corp.)	Polash, Narsingdi	95.
Do.		Triple Super Phosphate Complex Ltd. (Bangladesh Chemical Industries Corp.)	North Potenga, Chittagong	100.
Do.		Urea Fertilizer Factory Ltd. (Bangladesh Chemical Industries Corp.)	Ghorashal, Narsindi	470.
Gas, natural	million cubic meters per day	Bangladesh Gas Fields Co. Ltd. (BGFCL) [Bangladesh Oil, Gas and Mineral Corp. (Petrobangla), 100%]	Bakhrabad, Habiganj, Meghna, Narsingdi, and Titas gasfields	23.
Do.	do.	Bangladesh Petroleum Exploration and Production Co. Ltd. (BAPEX) [Bangladesh Oil, Gas and Mineral Corp. (Petrobangla), 100%]	Fenchuganj, Salda, Semutung, Shahbazzpur, Srikail, and Sundalpur gasfields	4.
Do.	do.	Chevron Corp.	Bibiyana gasfield (Block 12)	40.
Do.	do.	do.	Jalalabad gasfield (Block 13)	8.
Do.	do.	do.	Moulvibazar gasfield (Block 14)	4.
Do.	do.	Sylhet Gas Fields Ltd. (SGFL) [Bangladesh Oil, Gas and Mineral Corp. (Petrobangla), 100%]	Beanibazar, Kailashtila, Rashidpur and Sylhet gasfields	5.
Do.	do.	KrisEnergy Bangladesh Ltd., 30%; Niko Resources Ltd., 60%; and Bangladesh Petroleum Exploration and Production Co. Ltd. (BAPEX), 10%	Bangura gasfield (Block 9)	3.
Iron and steel, steel:				
Crude		Bangladesh Steel and Engineering Corp.	do.	20.
Do.		BSRM Iron & Steel Co. Ltd. (BISCO) [BSRM Steels Ltd. (BSL), 95%]	do.	215.
Do.		BSRM Ltd. Steel Melting Works (SMW)	do.	145.
Do.		BSRM Steel Mills Ltd. (BSML) [Bangladesh Steel Re-Rolling Mills Ltd. (BSRM Ltd.), 44.97%, and BSRM Steels Ltd. (BSL), 25.35%]	do.	862.

See footnotes at end of table.

TABLE 2—Continued
BANGLADESH: STRUCTURE OF THE MINERAL INDUSTRY IN 2016

(Thousand metric tons unless otherwise specified)

Commodity		Major operating companies and major equity owners	Location of main facilities	Annual capacity ^c
Iron and steel, steel:—Continued				
Products		Bangladesh Steel Re-Rolling Mills Ltd. (BSRM Ltd.)	Chittagong	450.
Do.		BSRM Steels Ltd. (BSL) [Bangladesh Steel Re-Rolling Mills Ltd. (BSRM Ltd.), 31.19%]	do.	700.
Do.		Nippon and McDonald Steel Industries Ltd. (Joint-venture between Nippon Steel and Sumitomo Metals Corp. and McDonald Steel Building Products Ltd.)	do.	NA.
Petroleum, refined	42-gallon barrels per day	Eastern Refinery Ltd. (Bangladesh Petroleum Corp.)	do.	34,000.
Stone, boulder, and granite, crushed		Maddhapara Granite Mining Co. Ltd. [Bangladesh Oil, Gas and Mineral Corp. (Petrobangla)], 100%	Maddhapara, District of Dinajpur	1,650 (hard rock).

^cEstimated; estimated data are rounded to no more than three significant digits. Do., do. Ditto. NA Not available.