



# 2019 Minerals Yearbook

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**BANGLADESH [ADVANCE RELEASE]**

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# THE MINERAL INDUSTRY OF BANGLADESH

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In 2019, the production of mineral commodities—notably cement, coal, iron and steel, natural gas, nitrogen, petroleum (crude and refined), salt, and crushed stone—represented only a minor part of the economy of Bangladesh (Bangladesh Bank, 2020, p. 3). The legislative framework for the mineral sector in Bangladesh is provided by Ordinance No. 21 of 1985 and Bangladesh Oil, Gas and Mineral Corp. (PETROBANGLA) Amendment Act No. 11 of 1989. 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/national-minerals-information-center/asia-and-pacific>.

## Reference Cited

Bangladesh Bank, 2020, Macroeconomic performance and prospects, chap. 1 of Annual report 2018—2019: Dhaka, Bangladesh, Bangladesh Bank (Central Bank of Bangladesh), 10 p. (Accessed September 28, 2020, at <https://www.bb.org.bd/pub/annual/anreport/ar1819/chap1.pdf>.)

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

(Metric tons, gross weight, unless otherwise specified)

Commodity <sup>2</sup>	2015	2016	2017	2018	2019	
METALS						
Iron and steel: <sup>c</sup>						
Raw steel	365,000	704,000	1,060,000 <sup>r</sup>	1,280,000 <sup>r</sup>	1,380,000	
Steel products	649,000	1,170,000	1,210,000	1,370,000 <sup>r</sup>	1,450,000	
INDUSTRIAL MINERALS						
Cement, hydraulic <sup>c</sup>	thousand metric tons	24,000	25,000	27,000	30,100 <sup>r</sup>	33,300
Nitrogen, ammonia, N content		630,000	590,000 <sup>r</sup>	650,000	600,000	622,000 <sup>e</sup>
Salt, sea salt <sup>3</sup>	thousand metric tons	1,463 <sup>r</sup>	1,477 <sup>r</sup>	1,496 <sup>r</sup>	1,513 <sup>r</sup>	1,500 <sup>e</sup>
Stone, crushed:						
Boulder	do.	9,100 <sup>e</sup>	9,400	9,000	9,310 <sup>r</sup>	9,620 <sup>e</sup>
Unspecified <sup>3</sup>		931,476	153,719	56,518	759,333	1,067,645
MINERAL FUELS AND RELATED MATERIALS						
Coal, bituminous <sup>3</sup>		677,776	1,021,638	1,160,658	923,276	805,695
Natural gas, marketable <sup>3</sup>	million cubic meters	25,296	27,673	27,420	27,430 <sup>r</sup>	27,233
Petroleum:						
Crude, including condensate <sup>3</sup>	thousand 42-gallon barrels	3,000	4,100	4,345	4,323	4,143
Refinery: <sup>c</sup>						
Bitumen	do.	290 <sup>r</sup>	280 <sup>r</sup>	350 <sup>r</sup>	380 <sup>r</sup>	400
Diesel	do.	26,100 <sup>r</sup>	28,400 <sup>r</sup>	33,000 <sup>r</sup>	35,200 <sup>r</sup>	34,300
Furnace oil	do.	5,390	5,060	5,770	5,360	4,560
Gasoline	do.	1,300 <sup>r</sup>	1,580 <sup>r</sup>	2,210 <sup>r</sup>	2,560 <sup>r</sup>	2,700
Jet fuel	do.	2,720	2,870	3,110	3,330	3,410
Kerosene	do.	1,840 <sup>r</sup>	1,490 <sup>r</sup>	1,200 <sup>r</sup>	1,000 <sup>r</sup>	940
Liquefied petroleum gas	do.	190 <sup>r</sup>	190 <sup>r</sup>	190 <sup>r</sup>	210 <sup>r</sup>	230
Naphtha	do.	40 <sup>r</sup>	40 <sup>r</sup>	80 <sup>r</sup>	100 <sup>r</sup>	100
Total	do.	37,900 <sup>r</sup>	39,900 <sup>r</sup>	45,900 <sup>r</sup>	48,100 <sup>r</sup>	46,600

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

<sup>1</sup>Table includes data available through October 2, 2020. 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.

<sup>2</sup>In addition to the commodities listed, limestone, sand and gravel, and other varieties of stone may have been produced, but available information was inadequate to make reliable estimates of output.

<sup>3</sup>Production is based on fiscal year, with an ending date of June 30 of the year shown.

TABLE 2  
BANGLADESH: STRUCTURE OF THE MINERAL INDUSTRY IN 2019

(Thousand metric tons unless otherwise specified)

Commodity	Major operating companies and major equity owners	Location of main facilities	Annual capacity <sup>c</sup>
Cement	Akij Cement Co. Ltd. (Akij Group Ltd., 100%)	Plant in Bandar, Narayanganj District	3,350
Do.	Aman Cement Mills Ltd.	Plant in Ullapara, Sirajganj District	250
Do.	do.	Unit-2 plant, Haria, Narayanganj District	3,350
Do.	Anwar Cement Ltd.	Plant in Gazaria, Munshiganj District	670
Do.	Bashundhara Industrial Complex Ltd. (Bashundhara Group)	Plant in Madanganj, Narayanganj District	2,400
Do.	do.	Plant in Mongla, Bagerhat District	2,650
Do.	Chhatak Cement Co. Ltd. [Bangladesh Chemical Industries Corp. (BCIC)]	Plant in Chhatak, Sunamganj District, Sylhet Division	190
Do.	Confidence Cement Ltd.	Plant in Sitakunda, Chittagong District	750
Do.	Diamond Cement Ltd.	Plant in Bandar, Chittagong District	1,350
Do.	Eastern Cement Industries Ltd.	Plant in Narayanganj, Dhaka	600
Do.	Heidelberg Cement Bangladesh Ltd.	Chittagong plant and Kanchpur plant, Narayanganj District	1,500
Do.	LafargeHolcim Bangladesh Ltd. [Surma Holding B.V. (Lafarge S.A. 50%, and Cemolins International S.L.U., 50%), 58.9%, and others, 41.1%]	Surma plant, Chhatak, Sunamganj District	2,000
Do.	do.	2 Maghnaghat plants, Sonargaon, Narayanganj District	2,000
Do.	do.	Mongla Plant, Bagerhat District	200
Do.	Madina Cement Industries Ltd. (Madina Group)	Plant in Sonargaon, Narayanganj District	402
Do.	Meghna Cement Mills Ltd. (Bashundhara Group)	Plant in Mongla, Bagerhat District	1,000
Do.	M.I. Cement Factory Ltd.	Plant in Muktarpur, Munshiganj District	3,300
Do.	Olympic Cement Ltd.	Plant in Rupertoli, Barisal District	1,460
Do.	Premier Cement Mills Ltd.	Plant in Mukterpur, Munshiganj District	2,400
Do.	Royal Cement Ltd.	Plant in Sitakund, Chittagong District	1,070
Do.	Seven Circle Bangladesh Ltd. (Shun Shing Group)	Plant in Kaligonj, Gazipur District	1,900
Do.	Shah Cement Industries Ltd. (Abul Khair Group)	Plant in Muktarpur, Munshiganj District	8,100
Do.	Shun Shing Cement Mills Ltd. (Shun Shing Group)	Plant in Labanchara, Khulna Division	1,600
Do.	Siam City Cement (Bangladesh) Ltd. [INSEE Cement Bangladesh (Siam City Cement Group)]	Grinding plant, Bandar, Narayanganj District	500
Do.	Unique Cement Industries Ltd. (Meghna Group of Industries)	Plants in Chittagong and Dhaka Districts	4,380
Coal, bituminous	Barapukuria Coal Mining Co. Ltd. (BCMCL) [Bangladesh Oil, Gas and Mineral Corp. (Petrobangla), 100%]	Barapukuria coal mine, Dinajpur District	1,640
Fertilizer	Ashuganj Fertilizer & Chemical Co. Ltd. [Bangladesh Chemical Industries Corp. (BCIC)]	Urea fertilizer factory, Ashuganj, Brahmanbaria District	528
Do.	Chittagong Urea Fertilizer Factory Ltd. [Bangladesh Chemical Industries Corp. (BCIC)]	Factory in Rangadia, Chittagong District	561
Do.	Di-Ammonium Phosphate (DAP) Fertilizer Co. Ltd. [Bangladesh Chemical Industries Corp. (BCIC)]	do.	528
Do.	Jamuna Fertilizer Co. Ltd. [Bangladesh Chemical Industries Corp. (BCIC)]	Urea fertilizer factory, Tarakandi, Jamalpur District	561
Do.	Karnaphuli Fertilizer Co. Ltd. (international joint venture of Government of Bangladesh, Bangladesh Chemical Industries Corp., Kafco Japan, Subcontinent Ammonia Investment Co., Investment Fund for Developing Countries of Denmark, and Stamicarbon, B.V.)	Urea and ammonia factory, Rangadia, Chittagong District	830
Do.	Natural Gas Fertilizer Factory Ltd. [Bangladesh Chemical Industries Corp. (BCIC)]	Factory in Fenchuganj, Sylhet District	NA
Do.	Polash Urea Fertilizer Ltd. [joint venture of Bangladesh Chemical Industries Corp. (BCIC) and China]	Factory in Palash, Narsingdi District	95
Do.	Shahjalal Fertilizer Co. Ltd. [Bangladesh Chemical Industries Corp. (BCIC)]	Granular urea fertilizer factory, Fenchuganj, Sylhet District	580

See footnotes at end of table.

TABLE 2—Continued  
 BANGLADESH: STRUCTURE OF THE MINERAL INDUSTRY IN 2019

(Thousand metric tons unless otherwise specified)

Commodity		Major operating companies and major equity owners	Location of main facilities	Annual capacity <sup>e</sup>
Fertilizer—Continued		Triple Super Phosphate (TSP) Complex Ltd. [Bangladesh Chemical Industries Corp. (BCIC)]	Factory in North Potenga, Chittagong District	220
Do.		Urea Fertilizer Factory Ltd. [Bangladesh Chemical Industries Corp. (BCIC)]	Factory in Palash, Narsindi District	470
<b>Iron and steel:</b>				
Raw steel		Bangladesh Steel and Engineering Corp.	Chittagong City	20
Do.		BSRM Steels Ltd. (BSRM Ltd., 31.19%)	do.	430
Do.		BSRM Steel Mills Ltd. (BSRM Ltd., 44.97%, and BSRM Steels Ltd., 25.35%)	do.	863
Do.		Steel Melting Works (SMW) (BSRM Ltd., 100%)	do.	150
Steel products		Bangladesh Steel Re-Rolling Mills (BSRM) Ltd.	Mirsarai, Chittagong District	540
Do.		BSRM Steels Ltd. (BSRM Ltd., 31.19%)	Chittagong City	700
Do.		Kabir Steel Re-Rolling Mills (KSRM)	Sitakunda, Chittagong District	800
Do.		Nippon and McDonald Steel Industries Ltd. (Nippon Steel and Sumitomo Metals Corp., 50%, and McDonald Steel Building Products Ltd., 50%)	Chittagong City	15
Do.		Purbachal Steel Mills Ltd.	Joydevpur, Gazipur District	NA
Natural gas	million cubic meters	Bangladesh Gas Fields Co. Ltd. (BGFCL) [Bangladesh Oil, Gas and Mineral Corp. (PETROBANGLA), 100%]	Bakhrabad, Habiganj, Meghna, Narsingdi, and Titas gasfields	8,500
Do.	do.	Bangladesh Petroleum Exploration and Production Co. Ltd., (BAPEX) [Bangladesh Oil, Gas and Mineral Corp. (PETROBANGLA), 100%]	Begumganj, Fenchuganj, Salda, Semutung, Shahbazpur, Srikail, and Sundalpur gasfields	1,100
Do.	do.	Chevron Corp.	Bibiyana, Jalalabad, and Moulavi Bazar gasfields	15,800
Do.	do.	Niko Resources Ltd., 60%; KrisEnergy Bangladesh Ltd., 30%; Bangladesh Petroleum Exploration and Production Co. Ltd. (BAPEX), 10%	Bangora gasfield (Block 9)	900
Do.	do.	Sylhet Gas Fields Ltd. (SGFL) [Bangladesh Oil, Gas and Mineral Corp. (PETROBANGLA), 100%]	Beanibazar, Kailashtila, Rashidpur, and Sylhet gasfields	1,350
<b>Petroleum:</b>				
Condensate	thousand 42-gallon barrels	Bangladesh Gas Fields Co. Ltd. (BGFCL) [Bangladesh Oil, Gas and Mineral Corp. (PETROBANGLA), 100%]	Bakhrabadabad, Habiganj, Meghna, Narsingdi, and Titas gasfields	200
Do.	do.	Bangladesh Petroleum Exploration and Production Co. Ltd., (BAPEX) [Bangladesh Oil, Gas and Mineral Corp. (PETROBANGLA), 100%]	Begumganj, Fenchuganj, Rugganj Saldanadi, Semutang, Shahbazpur-Sundalpur, and Srikail gasfields	45
Do.	do.	Chevron Corp.	Bibiyana, Jalalabad, and Moulavi Bazar gasfields	3,500
Do.	do.	Niko Resources Ltd., 60%; KrisEnergy Bangladesh Ltd., 30%; Bangladesh Petroleum Exploration and Production Co. Ltd. (BAPEX), 10%	Bangora gasfield (Block 9)	110
Do.	do.	Sylhet Gas Fields Ltd. (SGFL) [Bangladesh Oil, Gas and Mineral Corp. (PETROBANGLA), 100%]	Beanibazar, Kailashtila, Rashidpur, and Sylhet gasfields	300
<b>Refinery:</b>				
Do.	do.	CVO Petrochemical Refinery Ltd.	Fractionation plant, Chittagong City	400
Do.	do.	Eastern Refinery Ltd. (Bangladesh Petroleum Corp., 100%)	Refinery in Chittagong City	36,000
Do.	do.	Padma Oil Co. Ltd. (Bangladesh Petroleum Corp., 100%)	do.	18,000
Do.	do.	Rupantarita Prakritik Gas Co. Ltd. (RPGCL) [Bangladesh Oil, Gas and Mineral Corp. (PETROBANGLA), 100%]	Kailashtilla Plant, Golapganj, Sylhet District	410
Do.	do.	Super Refinery (Pvt.) Ltd. (Super Group)	Gasolin and diesel processing plant, Nasirabad, Chittagong City	780 <sup>1</sup>

See footnotes at end of table.

TABLE 2—Continued  
 BANGLADESH: STRUCTURE OF THE MINERAL INDUSTRY IN 2019

(Thousand metric tons unless otherwise specified)

Commodity	Major operating companies and major equity owners	Location of main facilities	Annual capacity <sup>e</sup>
Salt	Bangladesh Small and Cottage Industries Corp.	Satarns in Cox's Bazar City	1,400
Do.	Malik Salt	Satarns in Chittagong	96
Do.	Sonargaon Salt Industries Ltd. (Meghna Group)	Satarns in Cox's Bazar City	175
Stone, crushed, boulder, granite	Maddhapara Granite Mining Co. Ltd. [Bangladesh Oil, Gas and Mineral Corp. (PETROBANGLA), 100%]	Quarry in Maddhapara, Dinajpur District	1,650

<sup>e</sup>Estimated; estimated data are rounded to no more than three significant digits. Do., do. Ditto. NA Not available.

<sup>1</sup>Capacity of Super Refinery (Pvt.) Ltd. was throughput volume.