



# 2016 Minerals Yearbook

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**BANGLADESH [ADVANCE RELEASE]**

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# 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](https://petrobangla.org.bd/admin/attachment/webtable/596_upload_0.pdf).)

TABLE 1  
BANGLADESH: 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>                              |                            |           |                      |                        |                        |                     |
| 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              |                     |
| <b>INDUSTRIAL MINERALS</b>                 |                            |           |                      |                        |                        |                     |
| Cement, hydraulic                          | thousand metric tons       | 15,250    | 16,780               | 17,000 <sup>e</sup>    | 18,000 <sup>e</sup>    | 18,000 <sup>e</sup> |
| Nitrogen, N content, ammonia <sup>c</sup>  |                            | 700,000   | 600,000 <sup>r</sup> | 600,000 <sup>r</sup>   | 600,000 <sup>r</sup>   | 600,000             |
| Salt, marine <sup>3</sup>                  |                            | 1,438,805 | 1,439,000            | 1,460,698 <sup>r</sup> | 1,463,117 <sup>r</sup> | 1,477,157           |
| Stone, crushed:                            |                            |           |                      |                        |                        |                     |
| Boulder                                    | thousand metric tons       | 9,263     | 8,856                | 9,017                  | 9,100 <sup>r,e</sup>   | 9,100 <sup>e</sup>  |
| Granite                                    |                            | 281,402   | 332,773              | 187,342                | 931,476                | 153,719             |
| <b>MINERAL FUELS AND RELATED MATERIALS</b> |                            |           |                      |                        |                        |                     |
| Coal, bituminous <sup>3</sup>              |                            | 854,805   | 854,804              | 947,125                | 675,776                | 1,021,638           |
| Natural gas, marketable <sup>4</sup>       | million cubic meters       | 21,060    | 22,670               | 23,231                 | 25,263                 | 27,559              |
| Petroleum:                                 |                            |           |                      |                        |                        |                     |
| Crude                                      | thousand 42-gallon barrels | --        | 2,580                | 2,528                  | 2,500 <sup>e</sup>     | 2,500 <sup>e</sup>  |
| Refinery production:                       |                            |           |                      |                        |                        |                     |
| Bitumen                                    | do.                        | 400       | 433                  | 350                    | 411                    | 202                 |
| Diesel                                     | do.                        | 2,798     | 2,879                | 2,697                  | 2,896                  | 2,470               |
| Kerosene                                   | do.                        | 1,748     | 2,211                | 1,787                  | 1,896                  | 1,503               |
| Liquefied petroleum gas                    | do.                        | 148       | 161                  | 130                    | 128                    | 115                 |
| Naphtha                                    | do.                        | 931       | 1,144                | 1,082                  | 1,332                  | 1,085               |
| Total                                      | do.                        | 6,030     | 6,830                | 6,050                  | 6,660                  | 5,380               |

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

<sup>1</sup>Table 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.

<sup>2</sup>In 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.

<sup>3</sup>Data are for the fiscal year ending on June 30 of the year stated.

<sup>4</sup>Gross 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 <sup>c</sup>   |     |
|------------------------|---|--|--|-----|
| 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.  | Bibiayana 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 <sup>c</sup> |
|--------------------------------------|---------------------------|--|----------------------------------|------------------------------|
| 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).           |

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