



2020–2021 Minerals Yearbook

BRUNEI [ADVANCE RELEASE]

THE MINERAL INDUSTRY OF BRUNEI

By Ji Won Moon

In 2020 and 2021, hydrocarbons were the leading segment of the economy of Brunei Darussalam (Brunei). Other mineral commodities produced in Brunei included cement, sand and gravel, and varieties of stone. The real gross domestic product (GDP) increased by 1.1% in 2020 and decreased by 1.6% in 2021. The country's nominal GDP was \$12.0 billion in 2020 and \$14.0 billion in 2021. The natural gas and petroleum extraction industry accounted for 38.6% of the country's gross value added in 2020 and 40.1% in 2021, and the manufacturing of liquefied natural gas and other petroleum and chemical products accounted for 14.2% in 2020 and 17.0% in 2021. The output value of the natural gas and petroleum extraction industry decreased by 4.9% in 2020 and 3.0% in 2021. The output value of the manufacturing of liquefied natural gas and other petroleum and chemical products increased by 25.9% in 2020 and decreased by 8.1% in 2021. Mineral fuels accounted for 81.5% of the country's total exports of goods, by value, in 2020 and for 78.1% in 2021. The significant increase in manufacturing of liquefied natural gas and other petroleum and chemical products in 2020 was attributed to the commercial operation of the Hengyi refinery at Pulau Muara Besar Island since November 2019. The refinery was a subsidiary of Zhejiang Hengyi Petrochemical Co. Ltd. of China (70%) and had a processing capacity of approximately 60 million barrels per year of crude petroleum (Hengyi Industries Sdn. Bhd., 2020, 2022; Department of Economic Planning and Statistics, 2021, p. 11; 2022a, p. 2, 3, 10, 11; 2022b, p. 11).

The legislative framework for the mineral sector in Brunei is provided by the Mining Act 1984 edition (chapter 42) and the Petroleum Mining Act 1984 edition (chapter 44), which was revised in 2002 (Attorney General's Chambers, 1984, 2002). 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 Brunei 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>.

References Cited

- Attorney General's Chambers, 1984, Chapter 42—Mining: Bandar Seri Begawan, Brunei, Prime Minister's Office, 32 p. (Accessed November 16, 2022, at https://www.agc.gov.bn/AGC%20Images/LAWS/ACT_PDF/cap042.pdf.)
- Attorney General's Chambers, 2002, Chapter 44—Petroleum Mining Act: Bandar Seri Begawan, Brunei, Prime Minister's Office, 11 p. (Accessed November 16, 2022, at https://www.agc.gov.bn/AGC%20Images/LAWS/ACT_PDF/cap044.pdf.)
- Department of Economic Planning and Statistics, 2021, International merchandise trade statistics—April 2021: Bandar Seri Begawan, Brunei, Department of Economic Planning and Statistics, 17 p. (Accessed January 20, 2022, at http://deps.gov.bn/DEPD%20Documents%20Library/DOS/IMTS/2021/RPT_2021.pdf.)
- Department of Economic Planning and Statistics, 2022a, Gross domestic product—Fourth quarter and annual 2021: Bandar Seri Begawan, Brunei, Department of Economic Planning and Statistics, 13 p. (Accessed August 29, 2022, at https://deps.mofe.gov.bn/DEPD%20Documents%20Library/DOS/GDP/2021/RPT_Q42021.pdf.)
- Department of Economic Planning and Statistics, 2022b, International merchandise trade statistics—April 2022: Bandar Seri Begawan, Brunei, Department of Economic Planning and Statistics, 17 p. (Accessed January 20, 2022, at https://deps.mofe.gov.bn/DEPD%20Documents%20Library/DOS/IMTS/2022/RPT_042022.pdf.)
- Hengyi Industries Sdn. Bhd, 2020, First domestic supply of refined fuel products from Hengyi: Bandar Seri Begawan, Brunei, Hengyi Industries Sdn. Bhd. press release, May 18. (Accessed November 16, 2022, at <https://www.hengyi-industries.com/media/press-releases/first-domestic-supply-of-refined-fuel-products-from-hengyi/>.)
- Hengyi Industries Sdn. Bhd, 2022, About us—We are Hengyi: Bandar Seri Begawan, Brunei, Hengyi Industries Sdn. Bhd. (Accessed November 16, 2022, at <https://www.hengyi-industries.com/about-us/>.)

TABLE 1
BRUNEI: PRODUCTION OF MINERAL COMMODITIES¹

(Thousand metric tons, gross weight, unless otherwise specified)

Commodity ²	2017	2018	2019	2020	2021
Cement, hydraulic ^e	270	290	290	250	260
Liquefied natural gas ^e	6,730	6,290	6,510	6,210	5,620
Natural gas:					
Gross ^e million cubic meters	12,400	12,000 ^r	12,200 ^r	11,700	10,600
Marketable do.	11,803	11,390 ^r	11,630 ^r	11,100	10,065
Petroleum:					
Crude thousand 42-gallon barrels	36,700	36,300	40,000 ^r	36,900	35,800
Refinery:					
Diesel do.	763	958	980	19,670	20,000 ^e
Gasoline do.	589	1,074	809	12,209	12,000 ^e
Kerosene do.	400	487	505	2,630	2,600 ^e
Total do.	1,750	2,520	2,290	34,500	34,600 ^e

^rRevised. ^eEstimated. do. Ditto.

¹Table includes data available through September 26, 2022. All data are reported unless otherwise noted. Totals and estimated data are rounded to no more than three significant digits, and may not add to totals shown.

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

TABLE 2
BRUNEI: STRUCTURE OF THE MINERAL INDUSTRY IN 2021

(Thousand metric tons unless otherwise specified)

Commodity		Major operating companies and major equity owners	Location of main facilities	Annual capacity ^e
Cement		Butra HeidelbergCement Sdn. Bhd. (HeidelbergCement Group, 70%, and PJ Corp. Sdn. Bhd., 30%)	Plant in Serasa, Brunei-Muara District	500
Liquefied natural gas		Brunei LNG Sdn. Bhd. (Government, 50%; Royal Dutch Shell plc, 25%; Mitsubishi Corp., 25%)	Brunei LNG plant, Lumut	7,600
Natural gas	million cubic meters	Brunei Shell Petroleum Co. Sdn. Bhd. (BSP) (Government, 50%, and Royal Dutch Shell plc, 50%)	Champion field, offshore	3,000
Do.	do.	do.	Fairley field, offshore	1,400
Do.	do.	do.	Southwest Ampa field, offshore	4,800
Do.	do.	TotalEnergies EP (Brunei) BV (TotalEnergies SA) (operator), 37.5%; Shell Deepwater Borneo Ltd. (Royal Dutch Shell plc), 35%; PB ExPro Sdn. Bhd. (PetroleumBRUNEI Sdn. Bhd.), 27.5%	Maharaja Lela Jamalulalam field, Block B, offshore	1,400
Petroleum:				
Crude, including condensate	thousand 42-gallon barrels	Brunei Shell Petroleum Co. Sdn. Bhd. (BSP) (Government, 50%, and Royal Dutch Shell plc, 50%)	Champion field, offshore	31,500
Do.	do.	do.	Fairley field, offshore	NA
Do.	do.	do.	Magpie field, offshore	NA
Do.	do.	do.	Rasau field, onshore	NA
Do.	do.	do.	Seria field, onshore	NA
Do.	do.	do.	Southwest Ampa field, offshore	NA
Do.	do.	TotalEnergies EP (Brunei) BV (TotalEnergies SA) (operator), 37.5%; Shell Deepwater Borneo Ltd. (Royal Dutch Shell plc), 35%; PB ExPro Sdn. Bhd. (PetroleumBRUNEI Sdn. Bhd.), 27.5%	Maharaja Lela Jamalulalam field, Block B, offshore	960
Refinery	do.	Brunei Shell Petroleum Co. Sdn. Bhd. (BSP) (Government, 50%, and Royal Dutch Shell plc, 50%)	Seria oil refinery in Seria, Belait District	3,700
Do.	do.	Hengyi Industries Sdn. Bhd. (Zhejiang Hengyi Petrochemical Co. Ltd., 70%, and Government, 30%)	Hengyi oil refinery, Pulau Muara Besar Island	60,000

^eEstimated. Do., do. Ditto. NA Not available.