

# 2017–2018 Minerals Yearbook

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## CYPRUS

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# THE MINERAL INDUSTRY OF CYPRUS

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In 2017 and 2018, the production of mineral commodities—notably bentonite, cement, copper, gypsum, and iron oxide pigments (umber and ocher)—represented only a minor part of the economy of Cyprus (Statistical Service, 2017; Central Bank of Cyprus, 2019, p. 19–20; Mines Service, 2019). The legislative framework for the mineral sector in Cyprus is provided by the Mines and Quarries Law of 1965 as amended in 1995, 2001, and 2003. 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 Cyprus can be found in previous editions of the U.S. Geological Survey Minerals Yearbook, volume III, Area Reports—International—Europe and Central Eurasia, which are available at <https://www.usgs.gov/centers/nmic/europe-and-central-eurasia>.

## References Cited

- Central Bank of Cyprus, 2019, Annual report 2018: Nicosia, Cyprus, Central Bank of Cyprus, 83 p. (Accessed September 17, 2019, at <https://www.centralbank.cy/images/media/redirectfile/Annual%20Report/CBC-Annual-Report-2018-English.pdf>.)
- Mines Service [Republic of Cyprus], 2019, Annual report 2018: Nicosia, Cyprus, Mines Service, 2 p. (Accessed September 17, 2019, at [http://www.moa.gov.cy/moa/mines/minesSrv.nsf/All/C41AB897D6FD4079C22574B20039F5FE/\\$file/Annual%20Report%202018.pdf](http://www.moa.gov.cy/moa/mines/minesSrv.nsf/All/C41AB897D6FD4079C22574B20039F5FE/$file/Annual%20Report%202018.pdf).)
- Statistical Service [Republic of Cyprus], 2017, Production, sales and exports of cement and clinker, 2014–2017: Statistical Service, June 26. (Accessed September 13, 2019, at [https://www.mof.gov.cy/mof/cystat/statistics.nsf/All/9E71BCC08D4A5699C22577DC00309028/\\$file/CEMENT\\_CLINKER-M-2014\\_MAR17-EN-260617.xls?OpenElement](https://www.mof.gov.cy/mof/cystat/statistics.nsf/All/9E71BCC08D4A5699C22577DC00309028/$file/CEMENT_CLINKER-M-2014_MAR17-EN-260617.xls?OpenElement).)

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

(Metric tons, gross weight, unless otherwise specified)

Commodity <sup>2,3</sup>	2014	2015	2016	2017	2018
<b>METALS</b>					
Aluminum, metal, semimanufactured <sup>c</sup>	20,000	20,000	20,000	20,000	20,000
Copper:					
Mine:					
Ore, gross weight	900,000	600,000	500,000	369,000	260,000
Solvent extraction <sup>4</sup>	3,088	2,121	1,754	1,293	908
Refinery, leaching, electrowon	3,088	2,121	1,754	1,293	908
Gold, refinery, primary kilograms	--	--	--	48	47
Silver, refinery, primary do.	--	--	--	96	180
<b>INDUSTRIAL MINERALS</b>					
Cement:					
Clinker thousand metric tons	1,826	1,641	1,648	1,978	2,000 <sup>e</sup>
Hydraulic do.	735	788	1,019	1,319	1,358
Clay:					
Bentonite	140,174	127,036	117,184	95,593	98,800
Common clay:					
For brick and tile manufacture	63,050	58,280	75,820	107,370	129,180
For cement	749,000	672,700	676,000	703,925	592,215
Gypsum:					
Calcined	2,561	2,997	3,761	5,004	4,384
Crude	347,600	471,885	682,024	703,079	625,721
Iron oxide pigments, umber and ocher	3,793	3,503	3,816	3,335	5,189
Lime, hydrated	3,462	3,182	3,366	4,353	7,333
Stone, sand and gravel, construction:					
Sand and gravel, unspecified	4,039,087	3,941,378	5,482,913	7,034,430	7,978,133
Stone:					
Crushed:					
Limestone, havora and filling materials	37,500	153,350	115,000	60,950	159,500
Marble, granules and chippings	2,060	2,580	500	1,600	3,740
Marl	3,068,000	2,756,700	2,770,000	2,884,375	2,426,635
Dimension, unspecified	9,350	60,100	102,720	73,380	16,550

See footnotes at end of table.

TABLE 1—Continued  
CYPRUS: PRODUCTION OF MINERAL COMMODITIES<sup>1</sup>

<sup>c</sup>Estimated. do. Ditto. -- Zero.

<sup>1</sup>Table includes data available through September 25, 2019. All data are reported unless otherwise noted. Estimated data are rounded to no more than three significant digits.

<sup>2</sup>In addition to the commodities listed, fertilizers, manufactured steel, and perlite may have been produced, but available information was inadequate to make reliable estimates of output.

<sup>3</sup>Mineral production data from areas of northern Cyprus that are administered by Turkish Cypriots are not included because available information was inadequate to make reliable estimates of output.

<sup>4</sup>The copper content of solvent extraction output at the mine level is the same as electrowon refinery output because copper produced in the solvent extraction and electrowinning process is typically reported only at the refinery level.

TABLE 2  
CYPRUS: STRUCTURE OF THE MINERAL INDUSTRY IN 2018

(Metric tons unless otherwise specified)

Commodity	Major operating companies and major equity owners	Location of main facilities	Annual capacity
Aluminum, semimanufactures	Muskita Aluminum Industries Ltd.	Plant at Limassol	22,000
Cement	Vassiliko Cement Works Public Co. Ltd. (Church of Cyprus, 26%; Heidelberg Cement Group, 25%; Cyprus Cement Public Co. Ltd., 25%; others, 24%)	Plant at Vasiliko, 5 quarries in the area	2,400,000
Do.	Cyprus Cement Public Co. Ltd.	Plant at Moni	430,000
Clay, bentonite	Drapia Mining Co.	Mines at Drapia, Monagroulli, and Parsata	NA
Do.	Oryktako Ltd.	Mine at Kato Moni and processing plant at Malounda	10,000
Do.	Peletico Penta Ltd.	Mines at Pentakomo and Troulli, plant at Pentakomo	NA
Copper:			
Ore, gross weight	Hellenic Copper Mines Ltd.	Skouriotissa Mine	1,300,000 <sup>c</sup>
Metal, refined	do.	Skouriotissa plant	8,000
Gold, metal kilograms	do.	Skouriotissa metallurgical plant	100 <sup>c</sup>
Gypsum	Peletico Ltd.	Quarry and processing plant at Aradipou, near Larnaca	NA
Do.	Zeiplast Chemical Industries Ltd.	Near Moni	NA
Perlite	Peletico Ltd.	Facility at Larnaca	NA
Do.	Zeiplast Chemical Industries Ltd.	Facility at Moni	NA
Silver, metal kilograms	Hellenic Copper Mines Ltd.	Skouriotissa metallurgical plant	200 <sup>c</sup>
Steel, semimanufactures	B.M.S. Metal Pipes Industries Ltd.	Mill at Paphos	15,000

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