



2017–2018 Minerals Yearbook

CROATIA [ADVANCE RELEASE]

THE MINERAL INDUSTRY OF CROATIA

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In 2017 and 2018, the production of mineral commodities— notably aluminum products, ammonia, cement, clay, gypsum (including anhydrite), lime, natural gas, crude petroleum, refined petroleum products, salt, sand and gravel, steel, stone, and sulfur—represented only a minor part of the economy of Croatia (Croatian Bureau of Statistics, 2019, p. 21–23, 99; Eurostat, 2019). The legislative framework for the mineral sector in Croatia is provided by the Mining Act (Official Gazette No. 56/13, 14/14) and the Hydrocarbon Exploration and Exploitation Act (Official Gazette No. 28/13, 14/14). 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 Croatia 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

- Croatian Bureau of Statistics, 2019, Industrial production in 2017—Annual PRODCOM results: Zagreb, Croatia, Croatian Bureau of Statistics, 217 p. (Accessed October 29, 2019, at https://www.dzs.hr/Hrv_Eng/publication/2018/SI-1612.pdf.)
- Eurostat, 2019, Total production by PRODCOM list (NACE Rev. 2)—Annual data: Brussels, Belgium, Eurostat database, July 31. (Accessed October 29, 2019, at <https://ec.europa.eu/eurostat/data/database>.)

TABLE 1
CROATIA: PRODUCTION OF MINERAL COMMODITIES¹

(Metric tons, gross weight, unless otherwise specified)

Commodity	2014	2015	2016	2017	2018	
METALS						
Aluminum, products:						
Alloys	30,083	6,713	1,847 ^r	2,930 ^e	3,600 ^e	
Semimanufactured:						
Extruded	6,458	3,808	-- ^r	1,309	1,310 ^e	
Rolled	195,000 ^e	128,000 ^e	2,270 ^e	72,759	26,675	
Iron and steel, steel:						
Raw steel, from electric arc furnaces	167,000	122,000	--	--	--	
Products, semimanufactured	148,890 ^r	121,533 ^r	-- ^r	--	788	
INDUSTRIAL MINERALS						
Cement:						
Clinker	thousand metric tons	2,312	2,159	2,058	2,416	2,317
Hydraulic:						
Portland	do.	2,359	2,340	2,267 ^r	2,608	2,600 ^e
Other	do.	112	119	120 ^e	111	130 ^e
Clay, ceramic		32,751	--	--	-- ^e	--
Gypsum, mine, including anhydrite		120,055	138,088	170,107	200,932	166,783
Lime	thousand metric tons	205	186	165	121	116 ^e
Nitrogen, ammonia, N content	do.	376	375	347	384	384 ^e
Salt, all sources		33,039	51,877	39,836	52,938	50,800
Stone, sand and gravel, construction:						
Sand and gravel, unspecified, excluding glass sand	thousand metric tons	3,497	3,545	3,444	3,087	3,100 ^e
Stone:						
Crushed:						
Quartzite		127,276	195,066	176,391	141,208	141,000 ^e
Other, unspecified	thousand metric tons	12,989	13,141	12,652	12,445	12,400 ^e
Dimension, unspecified, ornamental and other		1,115,535	1,417,694	1,378,882	1,320,579	1,300,000 ^e
Sulfur, byproduct, petroleum, S content		19,384	17,540	21,690	24,168	23,406
MINERAL FUELS AND RELATED MATERIALS						
Natural gas	million cubic meters	1,804	1,828	1,690	1,775	1,560
Petroleum:						
Crude, including condensate	thousand 42-gallon barrels	3,971	4,549	5,020	5,120	4,355
Refinery:						
Distillate fuel oil	do.	7,665	8,430	9,660	10,143	10,489
Gasoline, motor	do.	7,029	8,069	8,436	9,027	8,351
Jet fuel	do.	849	833	888	1,057	1,805
Liquefied petroleum gas	do.	2,204	2,436	2,448	2,815	2,494
Residual fuel oil	do.	2,384	2,591	3,330	3,397	5,257
Total	do.	20,100	22,400	24,800	26,400	28,400

^eEstimated. ^rRevised. do. Ditto. -- Zero.

¹Table includes data available through October 8, 2019. 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.

TABLE 2
CROATIA: STRUCTURE OF THE MINERAL INDUSTRY IN 2018

(Thousand metric tons unless otherwise specified)

Commodity	Major operating companies and major equity owners	Location of main facilities	Annual capacity
Aluminum alloys and semimanufactures	Impol-TLM d.o.o. (Impol 2000 d.d., 100%)	Hot-rolling mill at Sibenik	30 ^e
Do.	Ivanal d.o.o.	Sibenik	3
Do.	TLM-TPP d.o.o. (private investor, 75%)	Extruded products plant at Sibenik	10 ¹
Do.	Top-Tvornica Olovni Proizvoda Aluminijskih d.d.	Sveta Nedelja	NA ²
Cement	Calucem d.o.o. (CALUCEM Group)	Plant at Pula	NA
Do.	Cemex Hrvatska d.d. (Cemex UK Ltd., 100%)	Plants at Sveti Juraj, Sveti Kajo, and Kolovoz	2,600
Do.	Holcim (Hrvatska) d.o.o. (LafargeHolcim Ltd., 100%)	Plant at Koromacnoa	1,000
Do.	Nasicecement d.d. (Nexe Grupa d.d.)	Nasice	1,100
Do.	Tvornica Cementa Umag d.o.o. (Istramineral Umag d.o.o., 100%)	Cement plant at Umag	350
Gypsum	NA	Brescici Mine near Kulen-Vakuf	NA
Natural gas	million cubic meters	INA-Industrija Nafte d.d. (MOL Group, 49.08%; Government, 44.84%; others, 6.08%)	2,000 ^e
Do.	do.	Natural gas fields at Ika JZ, Izabela, Molve; offshore platforms in the Adriatic Sea; and other locations	NA
Do.	do.	Natural gas fields at Vuckovec, Zebanec, Medimurje Company	NA
Nitrogen:			
Ammonia	Petrokemija d.d. (Terra Mineralna Gnojiva d.o.o., 54.52%; Centar za restrukturiranje i prodaju (CERP), 17.9%; Hrvatska Postanska Banka d.d., 12.73%; others, 14.8%)	Plant at Kutina	450
Calcium ammonium nitrate	do.	do.	400
Nitric acid	do.	do.	415
NPK ³ fertilizer	do.	do.	600
Urea	do.	do.	500
Petroleum:			
Crude	thousand 42-gallon barrels per day	INA-Industrija Nafte d.d. (MOL Group, 49.08%; Government, 44.84%; others, 6.08%)	33 ^e
Refined	do.	do.	90
Do.	do.	Refinery at Rijeka (Urinj)	44
Do.	do.	Refinery at Sisak	324
Raw steel	Acciarierie Bertoli Safau Sisak d.o.o. (Danieli Group, 100%)	Plant at Sisak	324
Do.	Adria Steel d.o.o. (Techcom GmbH, 100%)	Plant at Split	50 ²
Salt	Solana Pag d.d. (Agrokor d.d., 100%)	Pag Island (marine salt)	15
Do.	Small producers	Ston, Nin	10 ^e

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

¹TLM-TPP d.o.o. filed for bankruptcy in 2017 and suspended operations at the plant at Sibenik.

²Production suspended in 2017 owing to market conditions.

³Nitrogen, phosphorus, and potassium.