Mineral Industry Surveys

For information, contact:
Andrew Stewart, Mineral Commodity Specialist
National Minerals Information Center
Telephone: (703) 648-7723
Email: astewart@usgs.gov

Shonta E. Osborne (Data)
Telephone: (703) 648-7971
Email: sosborne@usgs.gov
Internet: https://www.usgs.gov/centers/national-minerals-information-center/mineral-industry-surveys

U.S. PRODUCTION OF SELECTED MINERAL COMMODITIES IN THE SECOND QUARTER 2025

U.S. mine and plant production data for 16 selected mineral commodities are provided on a monthly (or quarterly) basis by the U.S. Geological Survey to the Board of Governors, Federal Reserve System (FRS), for use in preparing its index of industrial production and the related capacity indexes and capacity utilization rates. These measures cover manufacturing, mining, and electric and gas utilities, and they are among the key economic indicators monitored by the FRS for guidance in determining national monetary policy.

Construction Materials

The combined production of construction-related materials (cement, construction sand and gravel, crushed stone, and gypsum) in the second quarter of 2025 increased by 43% compared with that in the first quarter of 2025 following the typical seasonal trend (fig. 1, tables 1, 2). Production of gypsum, cement, crushed stone, and construction sand and gravel in the first half of 2025 decreased by 8%, 5%, 5%, and 4%, respectively, compared with that in the first half of 2024 (fig. 1, table 1).

Base Metals

Production of base metals except for secondary aluminum and copper increased in the second quarter of 2025 compared with that in the first quarter of 2025 (fig. 2, table 1). Comparing the first six months of 2025 with the first six months of 2024, production increased for secondary aluminum (2%), decreased for zinc (8%), copper (5%), and iron ore (1%), and was unchanged for lead (fig. 2, tables 1, 2).

Precious Metals

During the second quarter of 2025, silver and gold production increased by 10% and 4%, respectively, compared with production in the first quarter of 2025. Platinum and palladium production were unchanged compared with production in the first quarter of 2025. In the first six months of 2025, silver production increased by 8% compared with production in the first six months of 2024. Platinum, palladium, and gold decreased by 40%, 40%, and 9%, respectively, compared with that in the first six months of 2024 (fig. 3, table 1).

Other Mineral Materials

Molybdenum production increased by 6% in the second quarter of 2025 compared with that in the first quarter of 2025 and increased by 22% in the first half of 2025 compared with that in the first half of 2024. Phosphate rock production increased by 18% in the second quarter of 2025 compared with that in the first quarter of 2025 and increased by 1% in the first half of 2025 compared with that in the first half of 2024. Soda ash production increased by 4% in the second quarter of 2025 compared with that in the first quarter of 2025 and increased by 3% in the first half of 2025 compared with the first half of 2024 (tables 1, 2).

A worksheet has been added to the Excel table files that includes a button to remove text and numerical footnotes from data cells. This will allow users to only have numbers in data cells. Please see the worksheet titled RemoveTextButton for instructions in how to use the tool. Note: you must download the excel file in order to use the tool.

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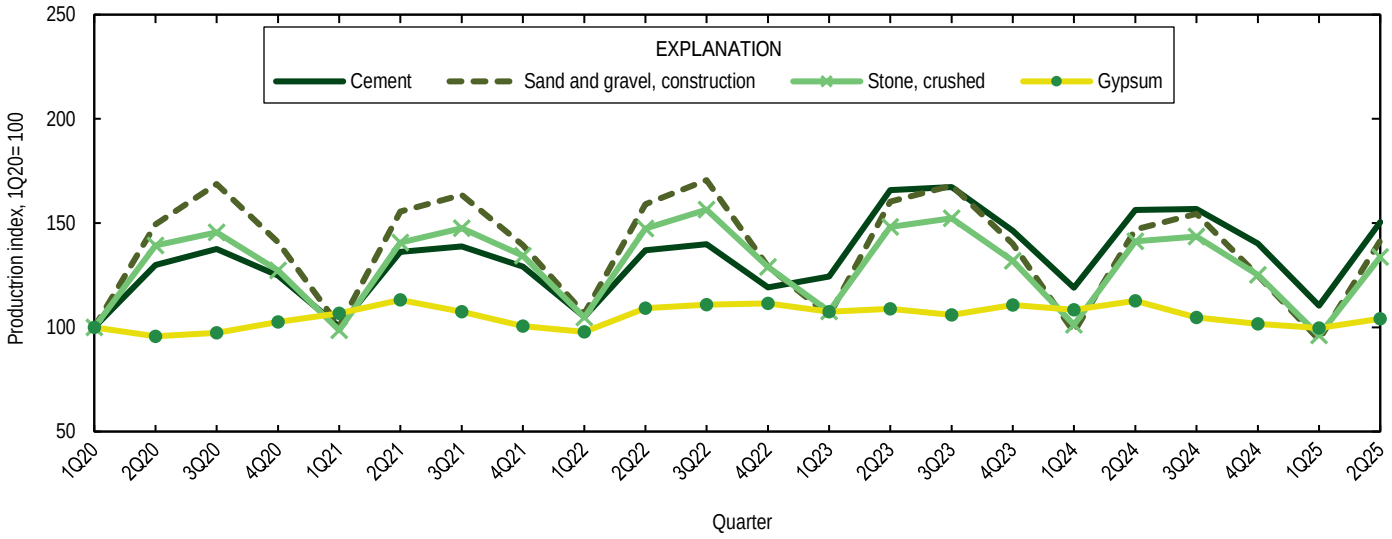

Figure 1. U.S. production of selected construction-related mineral commodities from the first quarter of 2020 through the second quarter of 2025, indexed to the first quarter of 2020.

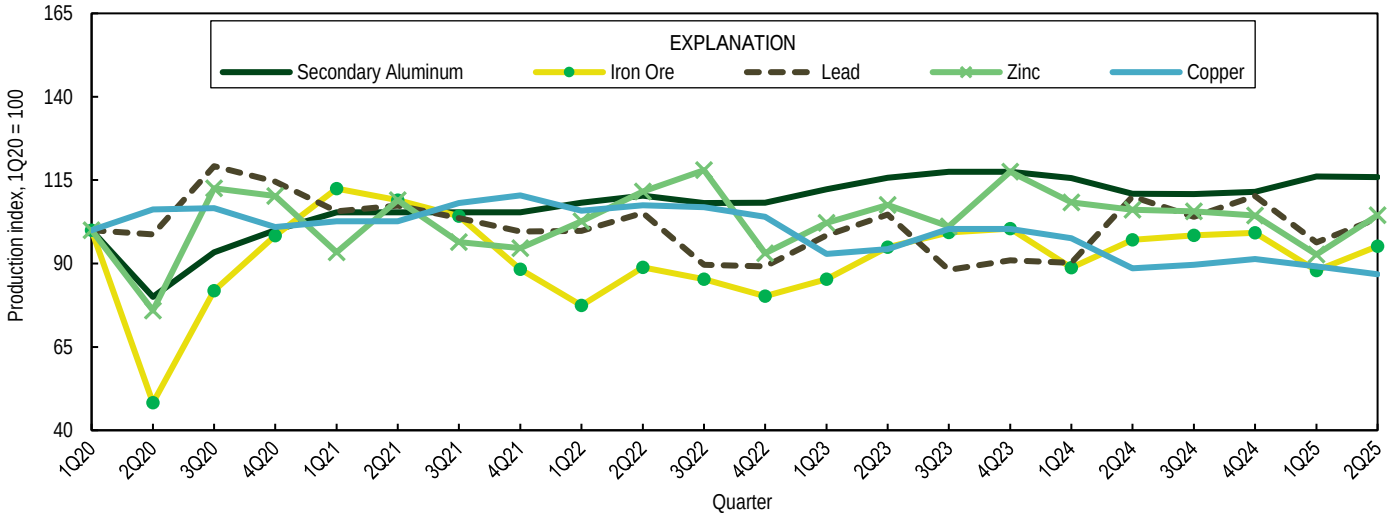

Figure 2. U.S. production of selected base metals from the first quarter of 2020 through the second quarter of 2025, indexed to the first quarter of 2020.

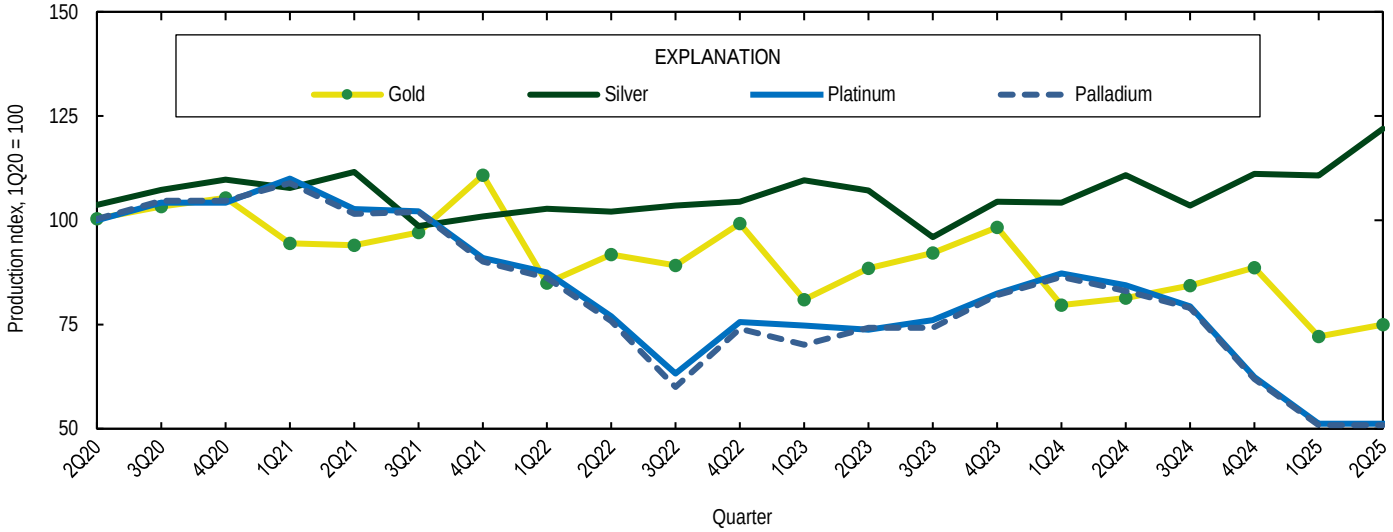

Figure 3. U.S. mine production of precious metals from the first quarter of 2020 through the second quarter of 2025, indexed to the first quarter of 2020.

Table 1. Production trends for selected mineral commodities

[Based on data available through September 19, 2025. Estimated data are marked with a superscript "e."]

Mineral commodity	Percent change	
	2d quarter 2025 vs. 1st quarter 2025	YTD 2025 vs. YTD 2024
Aluminum (secondary)	(1)	2
Cement[e]	36	-5
Copper	-3	-5
Gold	4	-9
Gypsum	5	-8
Iron ore	8	-1
Lead	8	(1)
Molybdenum	6	22
Palladium	0	-40
Phosphate rock[e]	18	1
Platinum	0	-40
Sand and gravel, construction	51	-4
Silver	10	8
Soda ash	4	3
Stone, crushed	39	-5
Zinc	13	-8

[1]Less than 0.5 percent.

Table 2. U.S. production of selected mineral commodities, by quarter.

[Based on data available through September 19, 2025. Data are rounded to no more than three significant digits; may not add to totals shown. Estimated and revised data are marked with a superscript "e" and "r".]

Commodity	2024					2025	
	1st quarter	2d quarter	3d quarter	4th quarter	1st quarter–4th quarter	1st quarter	2d quarter
Aluminum [thousand metric tons][e, 1]	230	220	220	222	892	231	230
Cement [million metric tons][e, 2]	21.4	28.2	28.3	25.3	103	19.9	27.1
Copper [thousand metric tons][3]	284	257	260	265	1,070	259 [r]	252
Gold [metric tons][3]	37.7	38.5	39.9	41.9	158	34.1	35.5
Gypsum [million metric tons][4]	4.7	4.9	4.6	4.4	18.6	4.3	4.5
Iron ore [million metric tons][5]	10.4	11.4	11.6	11.7	45.1	10.3	11.2
Lead [thousand metric tons][3]	62.0	75.7	71.5	75.8	285	66.2 [r]	71.2
Molybdenum [thousand metric tons][3]	8.6	7.9	7.9	9.5	34.0	9.8	10.3
Palladium [metric tons][3]	2.9	2.8	2.7	2.1	10.6	1.7	1.7
Phosphate rock, marketable [million metric tons][e, 6]	4.7	4.9	5.0	4.6	19.3	4.5 [r]	5.3
Platinum [metric tons][3]	0.9	0.8	0.8	0.6	3.1	0.5	0.5
Sand and gravel, construction [million metric tons][7]	165	248	260	210	883	158 [r]	239
Silver [metric tons][3]	255 [r]	271 [r]	253 [r]	271 [r]	1,050 [r]	270 [r]	298
Soda ash [million metric tons][5]	3.0	2.8	3.0	2.9	11.7	2.9	3.0
Stone, crushed [million metric tons][7]	291	407	413	360	1,470	277 [r]	385
Zinc [thousand metric tons][3]	190	186	185	183	743	162	183

[1]Aluminum alloys produced at secondary smelters in the United States, less primary aluminum consumed, primary silicon consumed, and other alloying ingredients consumed.

[2]Shipments of domestically produced portland and blended cement, including cement made from imported clinker, as a proxy for actual domestic cement production.

[3]Recoverable mine production.

[4]Calcined production.

[5]Mine production.

[6]Marketable mine production. First to fourth quarter 2024 total may not add to quarterly data owing to annual adjustments that are not broken out by quarter.

[7]Sold or used; quarterly survey based on sample survey.