

Mineral Industry Surveys

For information, contact:

Désirée E. Polyak, Molybdenum Commodity Specialist
National Minerals Information Center
Telephone: (703) 648-4909
Email: dpolyak@usgs.gov

Raymond I. Eldridge III (Data)

Telephone: (703) 648-7982

Email: reldridge@usgs.gov

Internet: <https://www.usgs.gov/centers/national-minerals-information-center/mineral-industry-surveys>

MOLYBDENUM IN AUGUST 2025

Domestic production of molybdenum in concentrate was 3,250 metric tons (t) in August 2025, 2% more than production in July 2025 and 22% more than production in August 2024 (fig. 1, table 1).

In August 2025, exports of molybdenum ore and concentrates (both roasted and unroasted) totaled approximately 2,780 t (gross weight), 15% more than those in July 2025 and 26% less than those in August 2024 (table 2). In August 2025, U.S. imports of molybdenum ore and concentrates (both roasted and unroasted) totaled approximately 1,650 t (gross weight) (table 4).

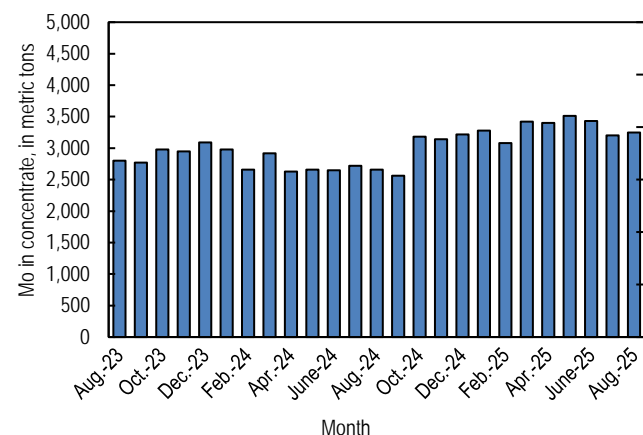


Figure 1. Monthly domestic production of molybdenum (Mo) in concentrate from August 2023 through August 2025. (May include revisions to previously published data.)

Prices

According to Argus Non-Ferrous Markets, the monthly price for U.S. ferromolybdenum (FeMo), 65% molybdenum content, averaged \$32.075 per pound of molybdenum content in August 2025 compared with \$27.825 per pound of molybdenum content in July 2025. U.S. molybdic oxide (MoO_3) prices, 57% molybdenum content, averaged \$24.900 per pound of molybdenum content in August 2025 compared with \$22.975 per pound of molybdenum content in July 2025 (fig. 2). The

monthly price for European FeMo, 65–70% molybdenum content, averaged \$56.422 per kilogram (\$25.593 per pound) of molybdenum content in August 2025 compared with \$53.328 per kilogram (\$24.189 per pound) of molybdenum content in July 2025.

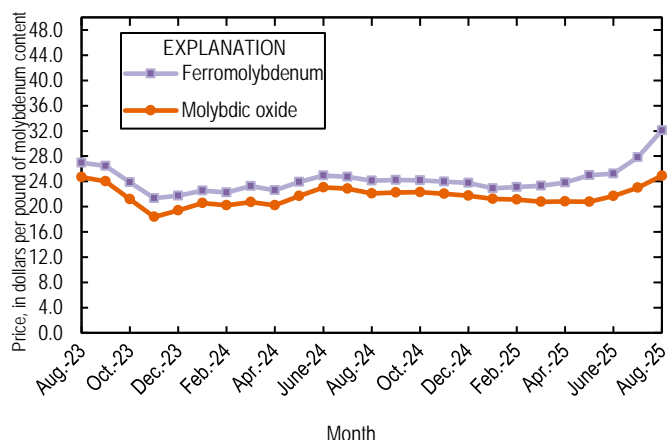


Figure 2. Average monthly prices for U.S. ferromolybdenum and molybdic oxide from August 2023 through August 2025. Source: Argus Media, Argus Non-Ferrous Markets.

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 to use the tool.

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Table 1. U.S. salient molybdenum concentrate statistics.

[Data are rounded to no more than three significant digits; may not add to totals shown. Table includes annual or quarterly published data from Freeport-McMoran Inc. (2024–2025) that has been adjusted by the USGS to reflect estimated monthly data. Data are in metric tons, molybdenum content.]

Period	Production	Shipments^{1,2}
2024		
January	2,980	2,980
February	2,660	2,730
March	2,920	2,880
April	2,630	2,640
May	2,650	2,670
June	2,650	2,590
July	2,720	2,690
August	2,660	2,750
September	2,560	2,510
October	3,180	3,210
November	3,140	3,080
December	3,220	3,170
January–December	34,000	33,900
2025		
January	3,280	3,420
February	3,080	3,030
March	3,420	3,370
April	3,400	3,400
May	3,510	3,490
June	3,430	3,390
July	3,190	3,170
August	3,250	3,220
January–August	26,600	26,500

¹As reported by producers.

²Shipments include sales to domestic customers, sales for export, and transfers to other company plants.

Table 2. U.S. exports of molybdenum ores and concentrates (including roasted and unroasted concentrates). By country or locality.
[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in kilograms, gross weight. Revised data are marked with a superscript "r". Source: U.S. Census Bureau (<https://usatrade.census.gov/>).]

Country or locality	2024			2025		
	January–December	August	January–August	July	August	January–August
Belgium	1,150,000	56,700	951,000	70,800	102,000	1,350,000
Brazil	442,000	12,200	336,000	5,380	1,170	13,500
Canada	627,000	42,500	431,000	52,700	36,500	487,000
Chile	608,000	0	530,000	177,000	24,800	871,000
China	3,490,000	152,000	2,480,000 ^r	0	507,000	2,760,000
Czechia	217	0	217	0	0	0
Ecuador	1,090	0	1,090	0	0	1,740
France ¹	1,370	0	0	0	0	13,300
Germany	353	0	0	0	0	0
India	215,000	6,550	100,000	35,300	120,000	631,000
Italy	10,700	0	10,700	19,900	0	50,400
Japan	2,990,000	263,000	1,680,000	134,000	307,000	1,870,000
Korea, Republic of	741,000	69,000	469,000	106,000	9,090	529,000
Latvia	2,120	0	2,120	0	0	0
Lithuania	6,710	6,710	6,710	0	0	0
Malaysia	0	0	0	1,960	0	4,790
Mexico	536,000	111,000	230,000	118,000	359,000	1,020,000
Netherlands	22,700,000	2,680,000	15,900,000	1,380,000	762,000	19,100,000
Singapore	16,200	0	16,200	0	0	0
Sweden	0	0	0	0	0	92,200
Taiwan	118,000	41,200	41,200	0	0	0
Thailand	83,900	0	62,400	77,900	0	339,000
United Arab Emirates	0	0	0	0	0	196
United Kingdom	11,500,000	317,000	6,730,000	176,000	515,000	5,320,000
Vietnam	444,000	15,200 ^r	353,000	63,100	34,100	304,000
Total	45,700,000	3,770,000^r	30,300,000^r	2,410,000	2,780,000	34,800,000

¹Includes Mayotte

Table 3. U.S. exports of ferromolybdenum, by country or locality.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in kilograms, molybdenum content. Revised data are marked with a superscript "r". Source: U.S. Census Bureau (<https://usatrade.census.gov/>).]

Country or locality	2024		2025			
	January–December	August	January–August	July	August	January–August
Argentina	2,140	0	4,280 ^r	0	0	2,830
Canada	160,000	0	250,000 ^r	40,400	12,800	162,000
Israel	0	0	0	0	0	272
Mexico	282,000	12,300 ^r	549,000 ^r	0	0	586
Sweden	0	0	0	0	0	368
United Kingdom	211	0	285 ^r	0	0	0
Total	445,000	12,300 ^r	804,000 ^r	40,400	12,800	166,000

Table 4. U.S. imports for consumption of molybdenum products.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in kilograms, unless otherwise specified. NA Not available; — Not applicable. Source: U.S. Census Bureau (<https://usatrade.census.gov/>).]

Material	2024			2025					
	January–December			August			January–August		
	Gross weight	Molybdenum content	Value ¹ (thousand dollars)	Gross weight	Molybdenum content	Value ¹ (thousand dollars)	Gross weight	Molybdenum content	Value ¹ (thousand dollars)
Molybdenum chemicals									
Oxides and hydroxides	4,280,000	NA	\$141,000	130,000	NA	\$4,550	1,830,000	NA	\$58,800
Molybdates of ammonium	1,130,000	639,000	32,000	30,300	17,000	795	422,000	238,000	11,400
Molybdates (all others)	186,000	73,800	3,670	19,000	7,510	381	145,000	57,400	2,880
Molybdenum orange	120,000	NA	527	318	NA	3	119,000	NA	443
Other									
Ores and concentrates, roasted	2,320,000	1,440,000	68,500	247,000	154,000	7,410	2,980,000	1,850,000	88,100
Ores and concentrates, other	27,000,000	13,300,000	542,000	1,400,000	683,000	31,800	18,100,000	8,820,000	368,000
Ferromolybdenum	8,080,000	5,440,000	248,000	163,000	108,000	5,670	4,070,000	2,720,000	129,000
Molybdenum powders	76,300	75,200	4,750	819	744	73	9,310	8,990	608
Molybdenum unwrought, bars and rods	999,000	996,000	57,100	41,700	41,600	2,170	484,000	483,000	26,700
Molybdenum waste and scrap	1,740,000	1,690,000	96,800	122,000	95,300	7,200	1,190,000	1,090,000	63,000
Molybdenum wire	21,200	NA	2,730	1,110	NA	177	15,500	NA	1,970
Molybdenum, other	190,000	NA	27,600	15,600	NA	2,300	128,000	NA	19,200
Total	46,200,000	—	1,220,000	2,170,000	—	62,500	29,500,000	—	770,000

¹Customs value.