

Mineral Industry Surveys

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MOLYBDENUM IN JULY 2025

Domestic production of molybdenum in concentrate was 3,200 metric tons (t) in July 2025, 7% less than production in June 2025 and 18% more than production in July 2024 (fig. 1, table 1).

In July 2025, exports of molybdenum ore and concentrates (both roasted and unroasted) totaled approximately 2,410 t (gross weight), 56% less than those in June 2025 and 38% less than those in July 2024 (table 2). In July 2025, U.S. imports of molybdenum ore and concentrates (both roasted and unroasted) totaled approximately 2,430 t (gross weight) (table 4).

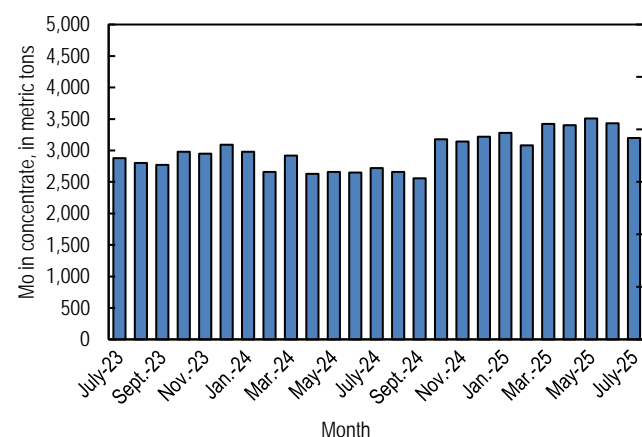


Figure 1. Monthly domestic production of molybdenum (Mo) in concentrate from July 2023 through July 2025. (May include revisions to previously published data.)

Prices

According to Argus Non-Ferrous Markets, the monthly price for U.S. ferromolybdenum (FeMo), 65% molybdenum content, averaged \$27.825 per pound of molybdenum content in July 2025 compared with \$25.250 per pound of molybdenum content in June 2025. U.S. molybdic oxide (MoO_3) prices, 57% molybdenum content, averaged \$22.975 per pound of molybdenum content in July 2025 compared with \$21.688 per pound of molybdenum content in June 2025 (fig. 2). The monthly price for European FeMo, 65–70% molybdenum

content, averaged \$53.328 per kilogram (\$24.189 per pound) of molybdenum content in July 2025 compared with \$51.281 per kilogram (\$23.261 per pound) of molybdenum content in June 2025.

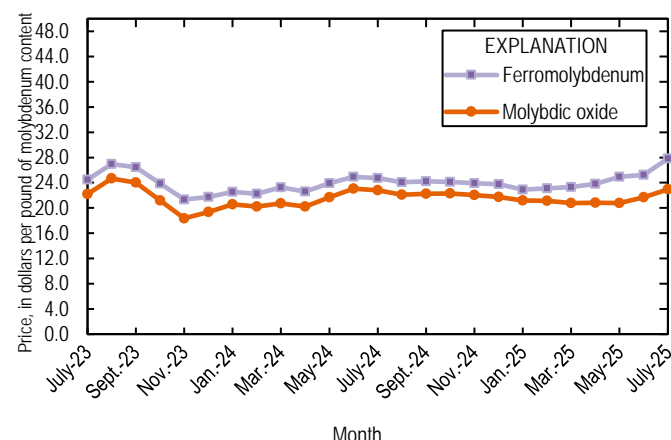


Figure 2. Average monthly prices for U.S. ferromolybdenum and molybdic oxide from July 2023 through July 2025. Source: Argus Media, Argus Non-Ferrous Markets.

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
January–July	23,300	23,300

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	July	January–July	June	July	January–July
Belgium	1,150,000	141,000	895,000	81,600	70,800	1,250,000
Brazil	442,000	10,400	323,000	774	5,380	12,300
Canada	627,000	66,100	389,000	81,100	52,700	451,000
Chile	608,000	15,700	530,000	197,000	177,000	847,000
China	3,490,000	139,000	2,330,000 ^r	0	0	2,250,000
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	16,100	93,600	414	35,300	511,000
Italy	10,700	0	10,700	0	19,900	50,400
Japan	2,990,000	140,000	1,420,000	316,000	134,000	1,560,000
Korea, Republic of	741,000	29,800	400,000	0	106,000	520,000
Latvia	2,120	0	2,120	0	0	0
Lithuania	6,710	0	0	0	0	0
Malaysia	0	0	0	2,830	1,960	4,790
Mexico	536,000	51,400	120,000	214,000	118,000	661,000
Netherlands	22,700,000	2,770,000	13,200,000	3,700,000	1,380,000	18,300,000
Singapore	16,200	0	16,200	0	0	0
Sweden	0	0	0	0	0	92,200
Taiwan	118,000	0	0	0	0	0
Thailand	83,900	649	62,400	76,700	77,900	339,000
United Arab Emirates	0	0	0	0	0	196
United Kingdom	11,500,000	466,000	6,410,000	740,000	176,000	4,810,000
Vietnam	444,000	42,000 ^r	338,000 ^r	44,500	63,100	270,000
Total	45,700,000	3,880,000^r	26,600,000^r	5,450,000	2,410,000	32,000,000

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	July	January–July	June	July	January–July
Argentina	2,140	2,140 ^r	2,140 ^r	0	0	2,830
Canada	160,000	24,400 ^r	89,900 ^r	25,400	40,400	149,000
Israel	0	0	0	0	0	272
Mexico	282,000	3,240 ^r	254,000 ^r	64	0	586
Sweden	0	0	0	0	0	368
United Kingdom	211	74 ^r	74 ^r	0	0	0
Total	445,000	29,800 ^r	346,000 ^r	25,400	40,400	153,000

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			July			January–July		
	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	70,000	NA	\$2,170	1,700,000	NA	\$54,200
Molybdates of ammonium	1,130,000	639,000	32,000	22,700	12,800	653	392,000	221,000	10,600
Molybdates (all others)	186,000	73,800	3,670	27,500	10,900	501	126,000	49,900	2,500
Molybdenum orange	120,000	NA	527	882	NA	4	119,000	NA	440
Other									
Ores and concentrates, roasted	2,320,000	1,440,000	68,500	985,000	611,000	30,700	2,730,000	1,690,000	80,600
Ores and concentrates, other	27,000,000	13,300,000	542,000	1,450,000	697,000	29,700	16,700,000	8,140,000	336,000
Ferromolybdenum	8,080,000	5,440,000	248,000	430,000	281,000	13,400	3,910,000	2,610,000	124,000
Molybdenum powders	76,300	75,200	4,750	2,390	2,390	121	8,490	8,240	535
Molybdenum unwrought, bars and rods	999,000	996,000	57,100	17,200	17,200	970	442,000	441,000	24,500
Molybdenum waste and scrap	1,740,000	1,690,000	96,800	86,200	71,500	4,850	1,070,000	990,000	55,800
Molybdenum wire	21,200	NA	2,730	2,740	NA	523	14,400	NA	1,790
Molybdenum, other	190,000	NA	27,600	18,600	NA	3,190	113,000	NA	16,900
Total	46,200,000	—	1,220,000	3,110,000	—	86,700	27,300,000	—	708,000

¹Customs value.