

Mineral Industry Surveys

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MOLYBDENUM IN SEPTEMBER 2025

Domestic production of molybdenum in concentrate was 3,140 metric tons (t) in September 2025, 3% less than production in August 2025 and 23% more than production in September 2024 (fig. 1, table 1).

In September 2025, exports of molybdenum ore and concentrates (both roasted and unroasted) totaled approximately 3,130 t (gross weight), 13% more than those in August 2025 and 11% less than those in September 2024 (table 2). In September 2025, U.S. imports of molybdenum ore and concentrates (both roasted and unroasted) totaled approximately 1,930 t (gross weight) (table 4).

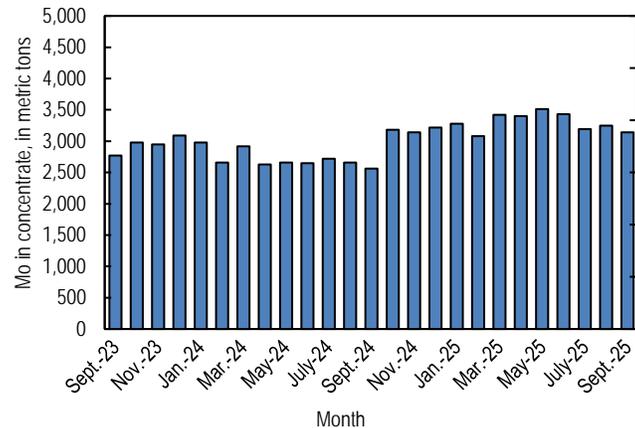


Figure 1. Monthly domestic production of molybdenum (Mo) in concentrate from September 2023 through September 2025. (May include revisions to previously published data.)

Prices

According to Argus Non-Ferrous Markets, the monthly price for U.S. ferromolybdenum (FeMo), 65% molybdenum content, averaged \$31.938 per pound of molybdenum content in September 2025 compared with \$32.075 per pound of molybdenum content in August 2025. U.S. molybdic oxide (MoO₃) prices, 57% molybdenum content, averaged \$26.000 per pound of molybdenum content in September 2025 compared with \$24.900 per pound of molybdenum content in August 2025

(fig. 2). The monthly price for European FeMo, 65–70% molybdenum content, averaged \$57.981 per kilogram (\$26.300 per pound) of molybdenum content in September 2025 compared with \$56.422 per kilogram (\$25.593 per pound) of molybdenum content in August 2025.

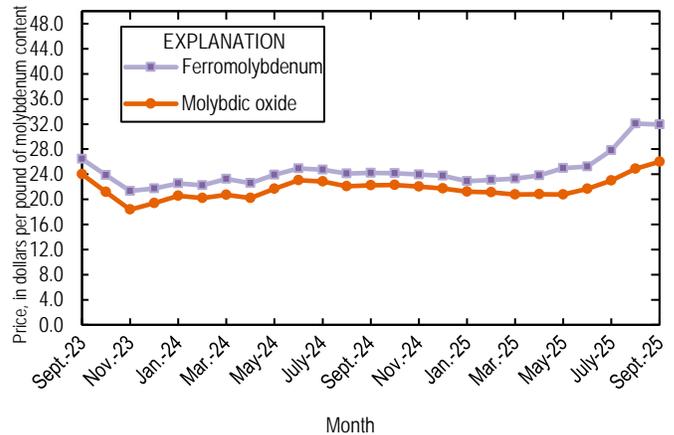


Figure 2. Average monthly prices for U.S. ferromolybdenum and molybdic oxide from September 2023 through September 2025. Source: Argus Media, Argus Non-Ferrous Markets.

Industry News

Greenland Resources Inc. (Toronto, Ontario, Canada) signed a memorandum of understanding (MOU) with Hempel Metallurgical GmbH (Düsseldorf, Germany), a supplier of molybdenum products to the German steel industry, for long-term molybdenum supply. The MOU outlined a potential agreement for molybdenite concentrate and related products, including ferromolybdenum and molybdenum oxide, to supply molybdenum from Greenland to the German steel industry, with processing planned to occur in Belgium. Greenland Resources is a Canadian public company developing its wholly owned primary molybdenum deposit, the Malmbjerg deposit, located in east-central Greenland (Greenland Resources Inc., 2025).

Reference Cited

Greenland Resources Inc., 2025, Greenland Resources signs MOU with Hempel to strengthen molybdenum supply to the German steel industry: Toronto, Ontario, Canada, September 5, 3 p. (Accessed January 6, 2026, at <https://greenlandresources.ca/data/news/PR-25-17-Greenland-Resources-Sep-5-2025.pdf>.)

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
September	3,140	3,200
January–September	29,700	29,700

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	September	January–September	August	September	January–September
Belgium	1,150,000	26,800	978,000	102,000	117,000	1,470,000
Brazil	442,000	32,900 ^r	369,000 ^r	1,170	56,200	69,700
Canada	627,000	54,300	485,000	36,500	39,500	527,000
Chile	608,000	0	530,000	24,800	261,000	1,130,000
China	3,490,000	122,000	2,610,000 ^r	507,000	231,000	2,990,000
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	24,000	124,000	120,000	33,500	665,000
Italy	10,700	0	10,700	0	0	50,400
Japan	2,990,000	224,000	1,900,000	307,000	324,000	2,190,000
Korea, Republic of	741,000	54,000	523,000	9,090	23,100	552,000
Latvia	2,120	0	2,120	0	0	0
Lithuania	6,710	0	6,710	0	0	0
Malaysia	0	0	0	0	0	4,790
Mexico	536,000	33,700	264,000	359,000	289,000	1,310,000
Netherlands	22,700,000	1,790,000	17,700,000	762,000	503,000	19,600,000
Singapore	16,200	0	16,200	0	0	0
Sweden	0	0	0	0	0	92,200
Taiwan	118,000	0	41,200	0	0	0
Thailand	83,900	2,640	65,000	0	56,100	396,000
United Arab Emirates	0	0	0	0	0	196
United Kingdom	11,500,000	1,160,000	7,890,000	515,000	1,110,000	6,430,000
Vietnam	444,000	774	354,000	34,100	80,500	385,000
Total	45,700,000	3,520,000^r	33,900,000^r	2,780,000	3,130,000	37,900,000

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	September	January–September	August	September	January–September
Argentina	2,140	0	2,140	0	0	2,830
Canada	160,000	12,400 ^r	102,000 ^r	12,800	7,580	169,000
Israel	0	0	0	0	0	272
Mexico	282,000	3,500 ^r	270,000 ^r	0	0	586
Sweden	0	0	0	0	0	368
United Kingdom	211	0	74	0	0	0
Total	445,000	15,900 ^r	375,000 ^r	12,800	7,580	173,000

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			September			January–September		
	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	287,000	NA	\$10,100	2,110,000	NA	\$68,800
Molybdates of ammonium	1,130,000	639,000	32,000	29,500	16,600	788	452,000	255,000	12,200
Molybdates (all others)	186,000	73,800	3,670	800	317	22	146,000	57,800	2,900
Molybdenum orange	120,000	NA	527	17,000	NA	95	137,000	NA	538
Other									
Ores and concentrates, roasted	2,320,000	1,440,000	68,500	211,000	129,000	7,320	3,190,000	1,980,000	95,400
Ores and concentrates, other	27,000,000	13,300,000	542,000	1,720,000	833,000	37,700	19,800,000	9,650,000	406,000
Ferromolybdenum	8,080,000	5,440,000	248,000	117,000	77,200	4,320	4,190,000	2,800,000	134,000
Molybdenum powders	76,300	75,200	4,750	613	607	54	9,920	9,600	663
Molybdenum unwrought, bars and rods	999,000	996,000	57,100	120	120	14	484,000	483,000	26,700
Molybdenum waste and scrap	1,740,000	1,690,000	96,800	57,800	28,600	3,900	1,250,000	1,110,000	66,900
Molybdenum wire	21,200	NA	2,730	1,800	NA	315	17,300	NA	2,280
Molybdenum, other	190,000	NA	27,600	16,000	NA	2,260	144,000	NA	21,500
Total	46,200,000	—	1,220,000	2,460,000	—	66,900	31,900,000	—	837,000

¹Customs value.