

Mineral Industry Surveys

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MANGANESE IN APRIL 2025

On a gross-weight basis, U.S. imports of manganese ore in April 2025 increased to 47,300 metric tons (t) from 162 t in March 2025 (fig. 1, table 5). In April 2025, the leading source of manganese ore for >20%–<47% grade category was South Africa, and the leading source for >47% grade was Gabon.

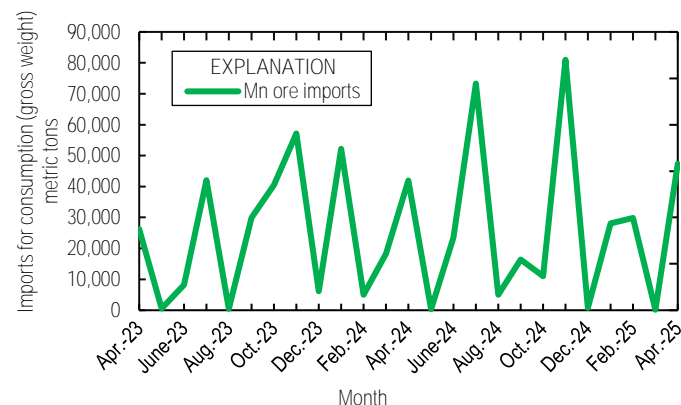


Figure 1. Monthly imports of manganese (Mn) ore from April 2023 through April 2025. Source: U.S. Census Bureau.

Prices

In April 2025, the average spot price of manganese ore 36%–38% grade delivered to China was \$4.06 per metric ton unit of contained manganese, 9% less than in March 2025. The average spot price per metric ton unit of contained manganese of manganese ore 44% grade was \$4.94 compared with \$5.01 in March 2025 (fig. 2, table 1). Compared with the monthly average values in April 2024, the price for 36%–38% grade decreased from \$4.09 per metric ton unit of contained manganese and the price for 44% grade increased by 6%.

Industry News

Baiyin Shidai Ruixiang New Material (China) started production from a 20,000-metric-ton-per-year (t/yr) lithium ferro-manganese phosphate (LMFP) plant in Gansu province. Further expansion to 100,000-t/yr was planned. Once completed, the plant would be the world's largest LMFP

production facility (Argus Media, Argus Non-Ferrous Markets, 2025).

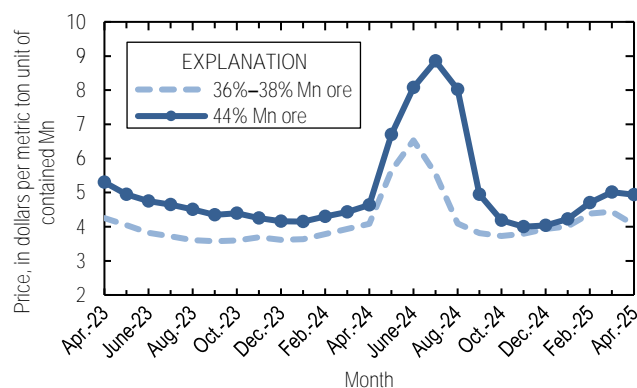


Figure 2. Average monthly spot prices for manganese (Mn) ore delivered to China from April 2023 through April 2025. Source: CRU Group.

Reference Cited

Argus Media, Argus Non-Ferrous Markets 2025, China's Shidai Ruixiang launches battery LMFP plant: London, United Kingdom, Argus Media Group, April 25. (Accessed June 17, 2025, via <https://direct.argusmedia.com/>.)

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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Table 1. Prices for manganese ferroalloys, metal, and ore in April 2025.

Product	Low	Average	High
Manganese ferroalloys¹			
High-carbon ferromanganese, 76% manganese (dollars per long ton of contained manganese)	1,284.00	1,342.00	1,400.00
Medium-carbon ferromanganese, 85% manganese (cents per pound of contained manganese)	118.00	119.00	120.00
Silicomanganese, 65% manganese (cents per pound of contained manganese)	62.00	63.40	64.80
Metal²			
Manganese metal, 99.7% manganese flake (cents per pound)	130.00	143.33	155.00
Manganese ore^{3,4}			
36%–38% manganese (dollars per metric ton unit of contained manganese)	3.75	4.06	4.40
44% manganese (dollars per metric ton unit contained manganese)	4.80	4.94	5.10

¹S&P Global Platts Metals Week; in U.S. warehouse; average prices reported for all transactions during the month.

²CRU Group United States transaction prices, electrolytic manganese metal flake, 99.7% manganese, ex-works. Average prices are the average of the month high and low range.

³CRU Group, cost, insurance, and freight, China. Average prices are the average of the month high and low range.

⁴To determine dollars per metric ton of ore (gross weight), multiply the average manganese content percentage by the price; that is, by 37 when the manganese content is 36%–38%, or 44 when the manganese content is 44%.

Table 2. Selected U.S. foreign trade in manganese.

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

Period	Imports for consumption			Exports		
	Ore and dioxide ¹	Ferroalloy and metal ²	Total	Ore ³	Ferroalloy and metal ⁴	Total
2024						
April	42,500	62,000	104,000	369 ^r	552 ^r	900 ^r
January-April	119,000	233,000 ^r	352,000 ^r	1,090	2,900 ^r	3,930 ^r
2025						
January	28,700	77,500	106,000	19	2,530 ^r	2,460
February	30,100	86,800	117,000	207	1,540 ^r	1,700
March	802	36,300	37,100	101	1,930 ^r	1,980
April	47,400	44,900	92,400	123	1,160	1,240
January-April	107,000	246,000	353,000	450	7,150	7,380

¹Harmonized Tariff Schedule of the United States codes 2602.00.0040, 2602.00.0060, and 2820.10.0000.

²Harmonized Tariff Schedule of the United States codes 7202.11.1000, 7202.11.5000, 7202.19.1000, 7202.19.5000, 7202.30.0000, 8111.00.3000, 8111.00.4700, 8111.00.4910, 8111.00.4990, and 8111.00.6000.

³Schedule B number 2602.00.0000.

⁴Schedule B numbers 7202.19.0000, 7202.30.0000, 7202.30.0000, and 8111.00.0000.

Table 3. U.S. imports for consumption of silicomanganese in April 2025.

[Data are rounded to no more than three significant digits; may not add to totals shown. Includes Harmonized Tariff Schedule of the United States code 7202.30.0000. Data are in metric tons and dollars. Source: U.S. Census Bureau (<https://usatrade.census.gov/>).]

Country or locality	Gross weight	Mn content	Value	January-April ¹		
				Gross weight	Mn content	Value
Angola	541	356	524,000	1,240	817	1,210,000
Australia	0	0	0	12,900	8,470	15,200,000
Brazil	3,510	2,280	3,530,000	3,630	2,370	3,710,000
Georgia	2,150	975	2,800,000	14,000	8,910	17,800,000
India	2,120	1,200	2,980,000	3,410	1,950	4,750,000
Malaysia	986	696	930,000	20,700	13,800	21,300,000
Mexico	4,590	2,940	4,480,000	16,700	10,800	16,700,000
Norway	1,990	1,250	2,720,000	2,120	1,330	3,060,000
South Africa	10	7	16,800	28,700	18,700	31,600,000
Spain	0	0	0	1,610	1,060	1,930,000
Total	15,900	9,700	18,000,000	105,000	68,200	117,000,000

¹May include revisions to previously published data.

Table 4. U.S. imports for consumption of ferromanganese in April 2025.

[Data rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons and dollars. Source: U.S. Census Bureau (<https://usatrade.census.gov/>).]

[https://usa.trade.census.gov/.](https://usa.trade.census.gov/)

Product, country or locality, and HTS ² code	Gross weight	Mn content	Value	January-April ¹		
				Gross weight	Mn content	Value
Low carbon, less than 1% C (7202.19.1000)						
India	648	523	1,040,000	5,720	4,590	9,780,000
Japan	200	161	320,000	476	383	752,000
Norway	6,580	5,340	10,700,000	17,000	13,800	26,600,000
South Africa	94	76	219,000	439	392	1,060,000
Vietnam	835	727	1,720,000	930	815	1,940,000
Total	8,350	6,830	14,000,000	24,600	20,000	40,100,000
Medium carbon, 1%–2% C (7202.19.5000)						
India	550	428	815,000	3,750	2,990	5,370,000
Mexico	0	0	0	20	15	49,900
Norway	6,900	5,610	9,820,000	7,200	5,840	10,400,000
South Africa	1,950	1,580	3,360,000	18,400	14,800	28,300,000
Total	9,400	7,610	14,000,000	29,300	23,600	44,100,000
High carbon, over 4% C (7202.11.5000)						
Australia	0	0	0	9,110	7,050	7,940,000
Brazil	75	57	87,800	152	115	168,000
Canada	5	3	16,800	44	13	101,000
France	178	127	228,000	336	242	372,000
India	2,660	1,800	2,770,000	30,200	22,600	27,800,000
Malaysia	5,200	3,950	5,780,000	23,800	18,000	28,300,000
South Africa	0	0	0	4,010	3,100	4,540,000
Spain	36	28	64,800	36	28	64,800
Total	8,160	5,970	8,950,000	67,600	51,100	69,300,000
Grand total	25,900	20,400	36,900,000	122,000	94,800	154,000,000

¹May include revisions to previously published data.

²Harmonized Tariff Schedule of the United States.

Table 5. U.S. imports for consumption of manganese ore (20% or more Mn) in April 2025.

[Data rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons and dollars. Source: U.S. Census Bureau (<https://usatrade.census.gov/>).]

Product, country or locality, and HTS ² code	Gross weight	Mn content	Value	January-April ¹		
				Gross weight	Mn content	Value
More than 20%, but less than 47% manganese (2602.00.0040)						
Mexico	1,530	576	352,000	28,200	4,270	4,630,000
South Africa	44,000	7,460	6,940,000	45,000	7,880	7,240,000
Total	45,600	8,040	7,300,000	73,200	12,100	11,900,000
47% or more manganese (2602.00.0060)						
Brazil	0	0	0	81	39	135,000
France	0	0	0	17	14	25,200
Gabon	1,500	774	831,000	31,200	16,100	9,340,000
India	19	14	10,500	19	14	10,500
Morocco	18	15	20,900	18	15	20,900
South Africa	208	154	75,400	796	470	275,000
Total	1,750	956	938,000	32,100	16,700	9,810,000
Grand total	47,300	8,990	8,230,000	105,000	28,800	21,700,000

¹May include revisions to previously published data.

²Harmonized Tariff Schedule of the United States.

Table 6. U.S. imports for consumption of manganese dioxide in April 2025.

[Data rounded to no more than three significant digits; may not add to totals shown. Includes Harmonized Tariff Schedule of the United States code 2820.10.0000. Data are in metric tons and dollars. Source: U.S. Census Bureau (<https://usatrade.census.gov/>).]

Country or locality	Gross weight	Value	January-April ¹	
			Gross weight	Value
Brazil	0	0	56	78,000
China	0	0	2	3,100
Colombia	84	221,000	1,360	3,360,000
Germany	0	0	30	60,100
India	0	0	12	19,700
Japan	36	76,000	162	342,000
Mexico	5	8,660	15	26,000
Poland	0	0	4	7,260
Spain	0	0	(²)	2,630
Total	125	306,000	1,640	3,900,000

¹May include revisions to previously published data.

²Less than ½ unit.

Table 7. U.S. imports for consumption of manganese metal in April 2025.

[Data rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons and dollars. Source: U.S. Census Bureau (<https://usatrade.census.gov/>).]

Donald S. Source: U.S. Census Bureau (<https://asatrade.census.gov/>).

Product, country or locality, and HTS ² code	Gross weight	Value	January-April ¹	
			Gross weight	Value
Unwrought flake (8111.00.4700)				
China	551	1,060,000	2,420	4,570,000
Hong Kong	0	0	4	6,720
Indonesia	0	0	150	291,000
Japan	(³)	348,000	1	1,450,000
Mexico	52	237,000	80	389,000
South Africa	118	417,000	1,880	4,040,000
Total	721	2,070,000	4,530	10,700,000
Unwrought powder (8111.00.4910)				
China	0	0	260	590,000
Mexico	0	0	2	9,070
South Africa	230	693,000	334	991,000
Total	230	693,000	596	1,590,000
Unwrought, other (8111.00.4990)				
Belgium	20	70,800	39	141,000
Brazil	0	0	10	24,400
China	2,010	3,880,000	13,000	25,000,000
Germany	5	12,400	53	111,000
Japan	0	0	6	42,600
South Africa	22	68,500	273	884,000
Total	2,060	4,030,000	13,400	26,200,000
Other manganese, wrought (8111.00.6000)				
Brazil	38	103,000	74	196,000
Germany	19	396,000	42	874,000
Mexico	8	40,800	111	435,000
Sweden	0	0	0	2,670
Total	65	540,000	227	1,510,000
Metallic waste and scrap (8111.00.3000)				
Canada	38	17,300	38	17,300
China	19	31,400	153	258,000
United Kingdom	5	9,980	9	18,500
Total	62	58,700	201	294,000
Grand total	3,140	7,390,000	19,000	40,300,000

¹May include revisions to previously published data.

²Harmonized Tariff Schedule of the United States.

³Less than ½ unit.

Table 8. U.S. exports of manganese ore (20% or more Mn), ferromanganese, silicomanganese, and manganese metal by countries or locality of destination in April 2025.

[Data rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons and dollars. Source: U.S. Census Bureau (<https://usatrade.census.gov/>).]

Product, country or locality, and Schedule B number	Gross weight	Value	January-April ¹	
			Gross weight	Value
Ore and concentrates with 20% or more manganese (2602.00.0000)				
Brazil	24	17,200	24	17,200
Canada	0	0	29	63,600
France	20	34,100	20	34,100
Korea, Republic of	8	15,000	270	186,000
Mexico	71	43,000	90	54,600
Netherlands	0	0	18	81,600
Total	123	109,000	450	437,000
Ferromanganese 2% or less carbon (7202.19.0000)				
Bulgaria	0	0	81	158,000
Canada	238	437,000	1,240	2,190,000
France	0	0	20	37,700
Mexico	0	0	8	19,200
Total	238	437,000	1,350	2,400,000
Ferromanganese more than 2% carbon (7202.11.0000)				
Canada	18	37,500	136	260,000
Japan	20	27,900	72	152,000
Mexico	0	0	5	25,200
Philippines	0	0	0	3,870
Serbia	3	4,240	3	4,240
Slovenia	0	0	0	5,430
Total	42	69,700	218	451,000
Ferrosilicon manganese (7202.30.0000)				
Canada	614	958,000	4,560	7,060,000
Metal, including alloys and waste and scrap (8111.00.0000) ^{2,3}				
Brazil	0	0	13	16,400
Canada	0	0	86	413,000
China	1	41,200	34	429,000
Costa Rica	0	0	19	28,800
France	0	0	88	147,000
India	21	9,100	21	9,100
Japan	18	71,000	19	106,000
Malaysia	220	105,000	708	312,000
Mexico	1	46,400	17	184,000
Romania	0	0	7	109,000
Other [6 countries and (or) localities]	(⁴)	5,040	9	118,000
Total	261	277,000	1,020	1,870,000
Grand total	1,280	1,850,000	7,600	12,200,000

¹May include revisions to previously published data.

²Includes manganese-aluminum, other alloys, and waste and scrap.

³Presentation of monthly data is based on the January–April quantities (gross weight) of the leading countries.

⁴Less than ½ unit.

Table 9. U.S. foreign trade in selected manganese chemicals in April 2025.[Data are rounded to no more than three significant digits. —, not applicable. Source: U.S. Census Bureau (<https://usatrade.census.gov/>).]

Compound	HTS ² code or Schedule B number ³	Gross weight (metric tons)	Value (thousand dollars)	Principal sources and destinations, gross weight and value	January-April ¹		
					Gross weight (metric tons)	Value (thousand dollars)	Principal sources and destinations, gross weight and value
Imports for consumption							
Manganese dioxide	2820.10.0000	125	306	Colombia 84; \$221.	1,640	3,900	Colombia 1,360; \$3,360.
Manganese oxides other than dioxide	2820.90.0000	1,850	1,240	South Africa 1,090; \$649.	8,110	5,540	South Africa 3,690; \$1,870.
Manganites, manganates, and other permanganates	2841.69.0090	(⁴)	3	China (all).	14	30	Canada 14; \$27.
Potassium permanganate	2841.61.0000	162	357	India 144; \$327.	539	1,160	India 450; \$1,000.
Sodium permanganate	2841.69.0010	309	537	China 266; \$441.	1,180	2,230	China 738; \$1,270.
Other sulfates, including manganese sulfate	2833.29.5110	3,420	2,560	Mexico 1,390; \$1,320.	16,400	11,400	Mexico 5,830; \$5,510.
Exports							
Manganese dioxide	2820.10.0000	355	477	Canada 309; \$220.	2,750	3,410	Canada 1,900; \$1,280.
Manganese oxides other than dioxide	2820.90.0000	740	1,210	United Arab Emirates 133; \$190.	2,550	4,200	United Arab Emirates 741; \$1,060.
Manganites, manganates, and other permanganates	2841.69.0090	20	157	Canada 17; \$42.	46	403	Canada 39; \$110.
Potassium permanganate	2841.61.0000	192	898	Belgium 127; \$561.	833	3,750	Belgium 704; \$3,050.
Sodium permanganate	2841.69.0010	38	156	Belgium 38; \$148.	174	719	Belgium 171; \$650.
Other sulfates, including manganese sulfate	2833.29.9100	1,200	1,930	Canada 833; \$595.	4,980	8,600	Canada 3,430; \$2,480.

¹May include revisions to previously published data.²Harmonized Tariff Schedule of the United States.³Imports for consumption are represented by HTS codes. Exports are represented by Schedule B codes.⁴Less than ½ unit.