

Mineral Industry Surveys

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MANGANESE IN JANUARY 2021

On a gross-weight basis, U.S. imports of manganese ore in January 2021 were 694 metric tons (t), a large decrease from 47,600 t in December 2020, but an increase from the 297 t imported in January 2020 (fig. 1, table 5).

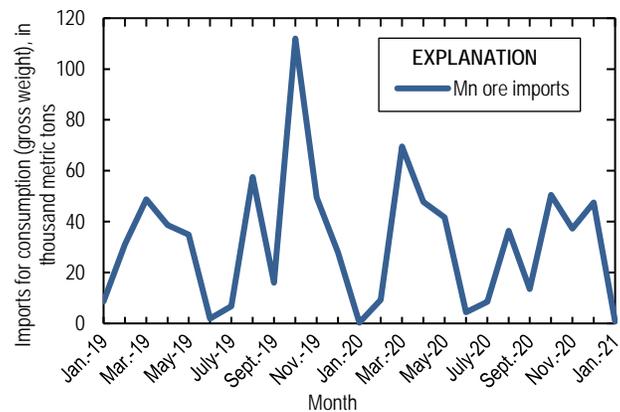


Figure 1. Monthly imports of manganese (Mn) ore from January 2019 through January 2021. Source: U.S. Census Bureau.

In January 2021, the average spot prices for manganese ore deliveries to China were \$4.59 per metric ton unit, 36%–38% grade, and \$4.78 per metric ton unit, 44% grade, 20% and 17% more, respectively, than the December 2020 prices (fig. 2, table 1). Compared with the monthly average prices in January 2020,

the 36%–38%-grade price was 7% more and the 44%-grade price was 12% more.

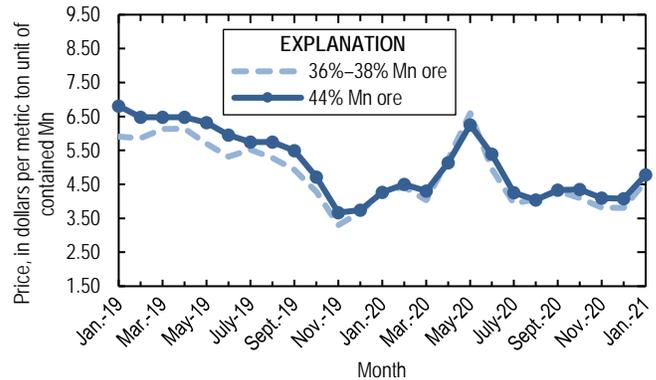


Figure 2. Average monthly spot prices for manganese (Mn) ore delivered to China from January 2019 through January 2021. Source: CRU Group.

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TABLE 1
PRICES FOR MANGANESE FERROALLOYS, METAL, AND ORE IN JANUARY 2021

		Low	Average	High
Manganese ferroalloys:¹				
High-carbon ferromanganese, 76% manganese	dollars per long ton of contained manganese	1,433.75	1,456.88	1,480.00
Medium-carbon ferromanganese, 85% manganese	cents per pound of contained manganese	91.00	93.00	95.00
Silicomanganese, 65% manganese	do.	60.25	61.13	62.00
Manganese metal, 99.7% manganese flake ²	cents per pound	125.00	135.50	145.00
Manganese ore:^{3, 4}				
36%–38% manganese	dollars per metric ton unit contained manganese	4.20	4.59	4.80
44% manganese	do.	4.00	4.78	5.20

do. Ditto.

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 manganese content percentage by the price; that is, by 44 when the manganese content is 44%.

TABLE 2
SELECTED U.S. FOREIGN TRADE IN MANGANESE¹

(Metric tons, gross weight)

	Imports for consumption			Exports		
	Ore and dioxide	Ferroalloy and metal	Total	Ore	Ferroalloy and metal	Total
2020, January ^f	833	70,700	71,500	39	736	775
2021, January	989	24,600	25,500	83	2,930	3,020

^fRevised.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 3
U.S. IMPORTS FOR CONSUMPTION OF SILICOMANGANESE IN JANUARY 2021^{1,2}

(Metric tons, unless otherwise specified)

Country or locality	Gross weight	Mn content	Value
Brazil	200	131	\$185,000
Georgia	258	186	228,000
Malaysia	502	328	512,000
Mexico	144	92	132,000
Norway	1,520	941	1,870,000
Total	2,630	1,680	2,930,000

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Includes Harmonized Tariff Schedule of the United States code 7202.30.0000.

Source: U.S. Census Bureau.

TABLE 4
U.S. IMPORTS FOR CONSUMPTION OF FERROMANGANESE IN JANUARY 2021¹

(Metric tons, unless otherwise specified)

Type and country or locality	HTS ² code	Gross weight	Mn content	Value
Low carbon, less than 1% C:	7202.19.1000			
Japan		160	129	\$215,000
Norway		3,990	3,240	5,650,000
South Africa		93	83	145,000
Total		4,250	3,450	6,010,000
Medium carbon, 1%–2% C:	7202.19.5000			
Korea, Republic of		1,000	800	1,270,000
Norway		1,000	820	1,160,000
South Africa		26	21	52,400
Total		2,030	1,640	2,480,000
High carbon, over 4% C:	7202.11.5000			
Brazil		100	73	94,400
India		559	400	456,000
Korea, Republic of		3,500	2,800	3,850,000
Malaysia		5,210	3,960	3,900,000
Russia		3,780	2,950	3,680,000
South Africa		149	112	179,000
Total		13,300	10,300	12,200,000
Grand total		19,600	15,400	20,600,000

¹Data rounded to no more than three significant digits; may not add to totals shown.

²Harmonized Tariff Schedule of the United States.

Source: U.S. Census Bureau.

TABLE 5
 U.S. IMPORTS FOR CONSUMPTION OF MANGANESE ORE (20% OR MORE Mn)
 IN JANUARY 2021¹

(Metric tons, unless otherwise specified)

Type and country or locality	HTS ² code	Gross weight	Mn content	Value
More than 20%, but less than 47% manganese, South Africa	2602.00.0040	494	229	\$126,000
47% or more manganese, South Africa	2602.00.0060	200	97	76,000
Grand total		694	326	202,000

¹Data rounded to no more than three significant digits; may not add to totals shown.

²Harmonized Tariff Schedule of the United States.

Source: U.S. Census Bureau.

TABLE 6
 U.S. IMPORTS FOR CONSUMPTION OF MANGANESE DIOXIDE
 IN JANUARY 2021^{1,2}

(Metric tons, unless otherwise specified)

Country or locality	Gross weight	Value
Belgium	19	\$89,300
Canada	15	25,500
Greece	50	118,000
Japan	162	398,000
Mexico	10	17,800
South Africa	19	43,800
Spain	21	35,000
Total	295	728,000

¹Data rounded to no more than three significant digits; may not add to totals shown.

²Includes Harmonized Tariff Schedule of the United States code 2820.10.0000.

Source: U.S. Census Bureau.

TABLE 7
U.S. IMPORTS FOR CONSUMPTION OF MANGANESE METAL
IN JANUARY 2021¹

(Metric tons, unless otherwise specified)

Type and country or locality	HTS ² code	Gross weight	Value
Unwrought flake:	8111.00.4700		
China		600	\$934,000
Japan		(³)	121,000
South Africa		815	1,400,000
Total		1,420	2,450,000
Unwrought powder:	8111.00.4910		
China		40	73,600
South Africa		159	458,000
Total		199	531,000
Unwrought, other:	8111.00.4990		
China		544	736,000
Germany		129	254,000
Total		672	989,000
Other manganese, wrought:	8111.00.6000		
Germany		18	261,000
Mexico		20	71,900
Total		38	333,000
Metallic waste and scrap, Canada	8111.00.3000	37	11,600
Grand total		2,360	4,320,000

¹Data rounded to no more than three significant digits; may not add to totals shown.

²Harmonized Tariff Schedule of the United States.

³Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 8
 U.S. EXPORTS OF MANGANESE ORE (20% OR MORE Mn), FERROMANGANESE,
 SILICOMANGANESE, AND MANGANESE METAL BY COUNTRIES OR LOCALITY
 OF DESTINATION IN JANUARY 2021¹

(Metric tons, unless otherwise specified)

Type and country or locality	HTS ² code	Gross weight	Value
Ore and concentrates with 20% or more manganese:	2602.00.0000		
Belgium		20	\$57,100
India		39	70,000
United Kingdom		25	15,000
Total		83	142,000
Ferromanganese:			
2% or less carbon:	7202.19.0000		
Argentina		218	427,000
Canada		31	40,000
Uruguay		5	8,620
Total		253	476,000
More than 2% carbon:	7202.11.0000		
Canada		1,580	1,730,000
Indonesia		3	9,200
Total		1,580	1,740,000
Ferrosilicon manganese, Canada	7202.30.0000	943	1,120,000
Metal, including alloys and waste and scrap: ^{3,4}	8111.00.0000		
Australia		1	40,700
Canada		7	36,600
China		2	26,100
Dominican Republic		13	101,000
Germany		67	381,000
Japan		5	16,000
Korea, Republic of		25	9,140
Malaysia		24	8,970
Mexico		1	21,600
Netherlands		12	17,900
Other [2 countries and (or) localities]		(5)	13,600
Total		158	673,000
Grand total		3,020	4,150,000

¹Data rounded to no more than three significant digits; may not add to totals shown.

²Harmonized Tariff Schedule of the United States.

³Includes manganese-aluminum, other alloys, and waste and scrap.

⁴Presentation of data is based on the January quantities (gross weight) of the leading countries.

⁵Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 9
U.S. FOREIGN TRADE IN SELECTED MANGANESE CHEMICALS
IN JANUARY 2021¹

Compound	HTS ² code	Gross weight (metric tons)	Value (thousands)	Principal sources and destinations: gross weight (metric tons); value (thousands)
Imports for consumption:				
Manganese oxides other than dioxide	2820.90.0000	2,850	\$1,970	India 1,320; \$813.
Potassium permanganate	2841.61.0000	41	94	India 35; \$82.
Sodium permanganate	2841.69.0010	19	29	China 19; \$29.
Other sulfates, including manganese sulfate	2833.29.5100	5,980	4,300	China 2,080; \$1,450.
Exports:				
Manganese dioxide	2820.10.0000	617	686	Canada 413; \$278.
Manganese oxides other than dioxide	2820.90.0000	482	905	United Arab Emirates 228; \$326.
Manganites, manganates, and other permanganates	2841.69.0090	7	19	Canada 7; \$14.
Potassium permanganate	2841.61.0000	147	460	Belgium 90; \$229.
Sodium permanganate	2841.69.0010	7	41	Korea, Republic of 6; \$19.
Other sulfates, including manganese sulfate	2833.29.9100	959	2,230	Canada 553; \$499.

¹Data are rounded to no more than three significant digits.

²Harmonized Tariff Schedule of the United States.

Source: U.S. Census Bureau.