

Mineral Industry Surveys

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MANGANESE IN JUNE 2020

On a gross-weight basis, U.S. imports of manganese ore in June 2020 were 4,400 metric tons (t), a decrease from 41,600 t in May 2020 (fig. 1, table 5). Total imports of manganese ore during the first 6 months of 2020 were 173,000 t, 5% more than those during the same period in 2019.

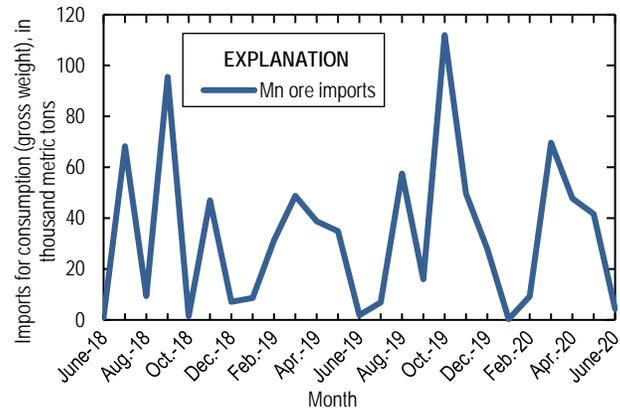


Figure 1. Monthly imports of manganese (Mn) ore from June 2018 through June 2020. Source: U.S. Census Bureau.

In June 2020, the average spot prices for manganese ore deliveries to China were \$4.96 per metric ton unit, 36%–38% grade, and \$5.39 per metric ton unit, 44% grade (fig. 2, table 1). Compared with May 2020 prices, the 36%–38%-grade price was 25% less and the 44%-grade price was 14% less. Compared

with the monthly average prices in June 2019, the 36%–38%-grade price was 7% less and the 44%-grade price was 9% less.

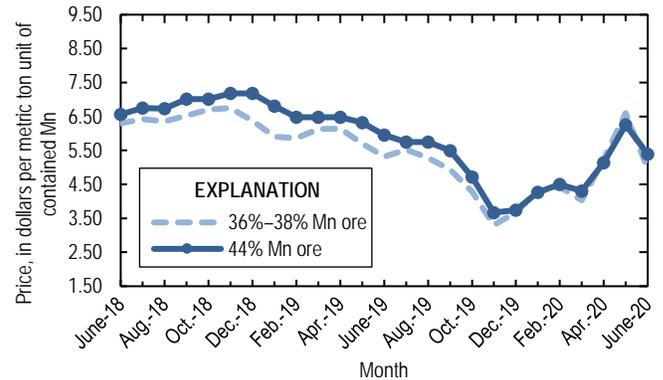


Figure 2. Average monthly spot prices for manganese (Mn) ore delivered to China from June 2018 through June 2020. Source: CRU Group.

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TABLE 1
PRICES FOR MANGANESE FERROALLOYS, METAL, AND ORE IN JUNE 2020

		Low	Average	High
Manganese ferroalloys:¹				
High-carbon ferromanganese, 76% manganese	dollars per long ton of contained manganese	1,062.50	1,131.25	1,200.00
Medium-carbon ferromanganese, 85% manganese	cents per pound of contained manganese	87.00	91.00	95.00
Silicomanganese, 65% manganese	do.	50.25	52.00	53.75
Manganese metal, 99.7% manganese flake ²	cents per pound	102.00	106.00	110.00
Manganese ore:^{3,4}				
36%-38% manganese	dollars per metric ton unit contained manganese	4.40	4.96	6.05
44% manganese	do.	5.00	5.39	6.35

do. Ditto.

¹S&P Global Platts; 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, manganese content)²

	Imports for consumption			Exports		
	Ore and dioxide	Ferroalloy and metal	Total	Ore	Ferroalloy and metal	Total
2019:						
June	924	50,100	51,000	31	946	980
January–June	88,000	302,000 ^r	390,000 ^r	235	8,050 ^r	8,290 ^r
2020:						
January	461	51,800	52,300	20	670	690
February	1,530	38,000	39,500	8	978	986
March	32,300	50,500	82,700	40	943	983
April	27,800	25,600	53,400	49	860	909
May	21,000	46,400	67,400	121	313	434
June	2,310	15,000	17,300	18	724	742
January–June	85,400	227,000	313,000	255	4,490	4,740

^rRevised.

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

²As reported except as estimated from gross weights for imports of manganese dioxide and manganese metals and for exports of manganese ores and concentrates and manganese waste and scrap.

Source: U.S. Census Bureau.

TABLE 3
U.S. IMPORTS FOR CONSUMPTION OF SILICOMANGANESE IN JUNE 2020^{1,2}

(Metric tons, unless otherwise specified)

Country or locality	Gross weight	Mn content	Value	January–June ³		
				Gross weight	Mn content	Value
Australia	--	--	--	31,500	20,900	\$31,800,000
Brazil	412	269	\$391,000	412	269	391,000
Georgia	645	466	632,000	49,400	35,500	56,000,000
India	--	--	--	25	15	27,700
Korea, Republic of	--	--	--	120	83	138,000
Malaysia	--	--	--	9,720	6,340	8,420,000
Mexico	3,910	2,540	3,440,000	6,280	4,080	5,630,000
Norway	1,540	1,040	1,540,000	8,400	4,520	10,200,000
Oman	--	--	--	912	595	841,000
Russia	--	--	--	2,850	1,210	2,850,000
South Africa	--	--	--	37,700	23,000	35,800,000
Total	6,500	4,320	6,000,000	147,000	96,500	152,000,000

-- Zero.

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.

³May include revisions to previously published data.

Source: U.S. Census Bureau.

TABLE 4
U.S. IMPORTS FOR CONSUMPTION OF FERROMANGANESE IN JUNE 2020¹

(Metric tons, unless otherwise specified)

Type and country or locality	HTS ⁴ code	Gross weight	Mn content	Value	January–June ^{2,3}		
					Gross weight	Mn content	Value
Low carbon:	7202.19.1000						
China		--	--	--	6	6	\$14,400
Germany		--	--	--	4	4	10,600
Japan		64	51	\$96,600	415	332	626,000
Korea, Republic of		1,300	1,200	2,440,000	4,010	3,690	7,180,000
Mexico		300	238	413,000	318	253	461,000
Norway		--	--	--	16,200	13,100	23,700,000
South Africa		38	36	67,700	302	270	505,000
Total		1,700	1,520	3,020,000	21,300	17,700	32,400,000
Medium carbon, 1%–2% C:	7202.19.5000						
Brazil		--	--	--	540	430	497,000
India		--	--	--	301	241	419,000
Korea, Republic of		4,000	3,200	5,010,000	16,700	13,300	21,200,000
Mexico		300	225	481,000	970	739	1,470,000
Norway		--	--	--	439	357	609,000
South Africa		20	15	42,000	9,860	7,890	14,000,000
Total		4,320	3,440	5,530,000	28,800	23,000	38,200,000
High carbon:	7202.11.5000						
Australia		--	--	--	20,700	15,800	18,300,000
Brazil		222	159	208,000	1,150	847	1,030,000
France		246	187	273,000	748	571	857,000
India		--	--	--	1,460	1,100	1,300,000
Korea, Republic of		--	--	--	3,000	2,280	2,510,000
Malaysia		5,200	3,950	3,860,000	40,300	30,500	32,200,000
Russia		--	--	--	22,600	17,200	19,800,000
Saudi Arabia		--	--	--	100	75	118,000
South Africa		50	37	58,700	12,500	9,400	12,300,000
Zambia		--	--	--	238	81	185,000
Other [2 countries and (or) localities]		--	--	--	33	21	58,700
Total		5,720	4,340	4,400,000	103,000	77,900	88,700,000
Grand total		11,700	9,300	13,000,000	153,000	119,000	159,000,000

-- Zero.

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

²Presentation of monthly data is based on the January–June quantities (gross weight) of the leading countries.

³May include revisions to previously published data.

⁴Harmonized 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 JUNE 2020¹

(Metric tons, unless otherwise specified)

Type and country or locality	HTS ³ code	Gross weight	Mn content	Value	January–June ²		
					Gross weight	Mn content	Value
More than 20%, but less than 47% manganese:	2602.00.0040						
Mexico		4,350	2,000	\$2,320,000	24,300	7,230	\$5,310,000
South Africa		--	--	--	40,000	16,200	5,700,000
Total		4,350	2,000	2,320,000	64,300	23,500	11,000,000
47% or more manganese:	2602.00.0060						
Belgium		--	--	--	18	9	21,300
Brazil		49	24	35,800	488	241	312,000
Gabon		--	--	--	107,000	59,200	25,400,000
Morocco		--	--	--	504	324	222,000
South Africa		--	--	--	300	146	132,000
Total		49	24	35,800	109,000	60,000	26,100,000
Grand total		4,400	2,030	2,360,000	173,000	83,400	37,100,000

-- Zero.

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

²May include revisions to previously published data.

³Harmonized Tariff Schedule of the United States.

Source: U.S. Census Bureau.

TABLE 6
U.S. IMPORTS FOR CONSUMPTION OF MANGANESE DIOXIDE
IN JUNE 2020^{1,2}

(Metric tons, unless otherwise specified)

Country or locality	Gross weight	Value	January-June ³	
			Gross weight	Value
Belgium	19	\$89,300	19	\$89,300
Brazil	11	18,000	49	74,200
Canada	--	--	5	20,700
China	--	--	1	6,480
Germany	--	--	14	75,100
India	--	--	37	69,200
Japan	432	1,080,000	2,870	6,580,000
Mexico	10	17,800	31	53,400
Morocco	--	--	180	306,000
Spain	--	--	45	76,500
Total	472	1,210,000	3,250	7,350,000

-- Zero.

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.

³May include revisions to previously published data.

Source: U.S. Census Bureau.

TABLE 7
U.S. IMPORTS FOR CONSUMPTION OF MANGANESE METAL
IN JUNE 2020¹

(Metric tons, unless otherwise specified)

Type and country or locality	HTS ³ code	Gross weight	Value	January–June ²	
				Gross weight	Value
Unwrought flake:	8111.00.4700				
China		151	\$330,000	1,660	\$2,940,000
Japan		(4)	126,000	1	1,020,000
Singapore		--	--	48	73,200
South Africa		40	95,600	1,280	2,670,000
Total		191	551,000	2,980	6,700,000
Unwrought powder:	8111.00.4910				
China		--	--	58	99,100
Germany		--	--	(4)	6,100
Mexico		10	37,200	80	297,000
South Africa		41	79,400	396	1,040,000
Total		50	117,000	534	1,450,000
Unwrought, other:	8111.00.4990				
Belgium		49	93,000	56	106,000
China		505	802,000	6,350	10,300,000
Germany		66	131,000	441	891,000
Luxembourg		--	--	306	526,000
Poland		(4)	6,150	(4)	6,150
South Africa		--	--	522	1,090,000
Spain		--	--	33	54,600
Total		620	1,030,000	7,710	12,900,000
Other manganese, wrought:	8111.00.6000				
China		426	795,000	486	932,000
Germany		6	85,100	70	911,000
Luxembourg		--	--	44	175,000
Mexico		40	85,800	269	613,000
Sweden		8	105,000	15	199,000
United Kingdom		--	--	(4)	2,370
Total		480	1,070,000	884	2,830,000
Metallic waste and scrap:	8111.00.3000				
Canada		105	28,200	346	102,000
Japan		--	--	(4)	6,850
Mexico		--	--	2	5,060
Total		105	28,200	348	113,000
Grand total		1,450	2,800,000	12,500	24,000,000

-- Zero.

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

²May include revisions to previously published data..

³Harmonized Tariff Schedule of the United States.

⁴Less 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 JUNE 2020¹

				January–June ^{2,3}	
Type and country or locality	HTS ⁴ code	Gross weight	Value	Gross weight	
Ore and concentrates with 20% or more manganese:					
	2602.00.0000				
Belgium		--	--	285	\$393,000
Canada		28	\$24,200	106	95,700
Japan		--	--	40	70,600
Mexico		7	7,140	23	20,400
Netherlands		--	--	48	159,000
St. Lucia		--	--	6	27,800
Total		35	31,400	510	766,000
Ferromanganese:					
	7202.19.0000				
2% or less carbon:					
Canada		519	731,000	556	790,000
Israel		--	--	34	65,400
Total		519	731,000	590	856,000
More than 2% carbon:					
	7202.11.0000				
Canada		20	24,600	1,080	964,000
India		--	--	59	78,000
Total		20	24,600	1,140	1,040,000
Ferrosilicon manganese:					
	7202.30.0000				
Canada		158	211,000	458	558,000
Mexico		--	--	39	73,000
Turkey		--	--	1	3,360
Total		158	211,000	498	635,000
Metal, including alloys and waste and scrap:⁵					
	8111.00.0000				
Brazil		--	--	17	881,000
Canada		--	--	33	143,000
France		18	6,530	18	6,530
Germany		17	6,140	76	127,000
India		--	--	20	6,420
Israel		--	--	16	62,500
Japan		--	--	52	175,000
Malaysia		161	57,500	2,430	1,180,000
South Africa		--	--	39	197,000
Turkey		--	--	73	27,200
Other [9 countries and (or) localities]		1	36,100	28	546,000
Total		196	106,000	2,800	3,360,000
Grand total		928	1,100,000	5,540	6,650,000

-- Zero.

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

²Presentation of monthly data is based on the January–June quantities (gross weight) of the leading countries.

³May include revisions to previously published data.

⁴Harmonized Tariff Schedule of the United States.

⁵Includes manganese-aluminum, other alloys, and waste and scrap.

Source: U.S. Census Bureau.

TABLE 9
U.S. FOREIGN TRADE IN SELECTED MANGANESE CHEMICALS
IN JUNE 2020¹

Compound	HTS ³ code	Gross weight (metric tons)	Value (thousands)	Principal sources and destinations: gross weight (metric tons); value (thousands)	January–June ²		
					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	902	\$687	Korea, Republic of 442; \$300	6,780	\$4,690	South Africa 3,140; \$1,920
Manganites, manganates, and other permanganates	2841.69.0090	14	26	Canada 14; \$26	41	198	China 19; \$34
Potassium permanganate	2841.61.0000	90	214	India 90; \$208	284	696	India 276; \$654
Sodium permanganate	2841.69.0010	132	227	China 132; \$227	617	1,100	China 616; \$1,100
Other sulfates, including manganese sulfate	2833.29.5100	6,620	4,780	Mexico 1,940; \$1,130	40,800	30,900	Mexico 13,200; \$10,100
Exports:							
Manganese dioxide	2820.10.0000	365	535	Canada 176; \$127	3,190	4,110	Canada 2,060; \$1,650
Manganese oxides other than dioxide	2820.90.0000	377	560	United Arab Emirates 95; \$136	2,910	5,810	United Arab Emirates 475; \$706
Manganites, manganates, and other permanganates	2841.69.0090	13	29	Canada 13; \$25	53	128	Canada 51; \$98
Potassium permanganate	2841.61.0000	238	751	Spain 56; \$128	1,620	4,430	Belgium 705; \$1,670
Sodium permanganate	2841.69.0010	--	--	--	297	893	Belgium 210; \$444
Other sulfates, including manganese sulfate	2833.29.9100	1,970	3,340	Canada 1,140; \$962	11,100	18,500	Canada 7,010; \$5,140

-- Zero.

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

²May include revisions to previously published data.

³Harmonized Tariff Schedule of the United States.

Source: U.S. Census Bureau.

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