

Mineral Industry Surveys

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MANGANESE IN APRIL 2002

In April, reported consumption of manganese ore containing 35% or more manganese, exclusive of that consumed at iron and steel plants, was estimated as 14,300 metric tons (t), which was a decrease of 39% compared with that for the previous month, according to the U.S. Geological Survey. The figure for April increases to 16,700 t when estimates for annual respondents are added on the basis of 2000 data.

Corresponding industry stocks of ore at the end of the month were 133,600 t, which includes an estimate for annual respondents on the basis of 2000 data. This was a decrease of about 2% from that of the previous month. (Data for the most recent 13 months are plotted in the graph on page 2.)

Foreign trade data for June will appear in a subsequent report. The data for March tabulated in this report indicate the quantity of silicomanganese imported was the least since May 1999.

On April 19, the Defense National Stockpile Center (DNSC) issued amendment number 5 to Solicitation of Offers DLA-ELECTROLYTIC MANGANESE METAL-001. This amendment revised the original solicitation issued May 1, 1997, to update the material available for sale in fiscal year 2002. This material consists of 197 t of electrolytic metal located at Warren, OH. The amendment also required the submission of financial information to establish "financial exposure limits"—the maximum level of business the government will allow for each offeror.

On April 2, the International Trade Administration (ITA) issued its final determinations on less than fair value sales of silicomanganese, excluding low-carbon silicomanganese, from India, Kazakhstan, and Venezuela. The final antidumping margins were: India—Nava Bharat Ferro Alloys, Ltd., 15.32%; Universal Ferro and Allied Chemicals, Ltd., 20.42%; All Others, 17.69%; Kazakhstan—Kazakhstan Alloy 2000, S.A. 247.88%, Kazakhstan-wide, 247.88%; and Venezuela—Hornos Eléctricos de Venezuela, S.A. (Hevenesa) 24.62%, All others,

24.62% (International Trade Administration, 2002a, b, c).

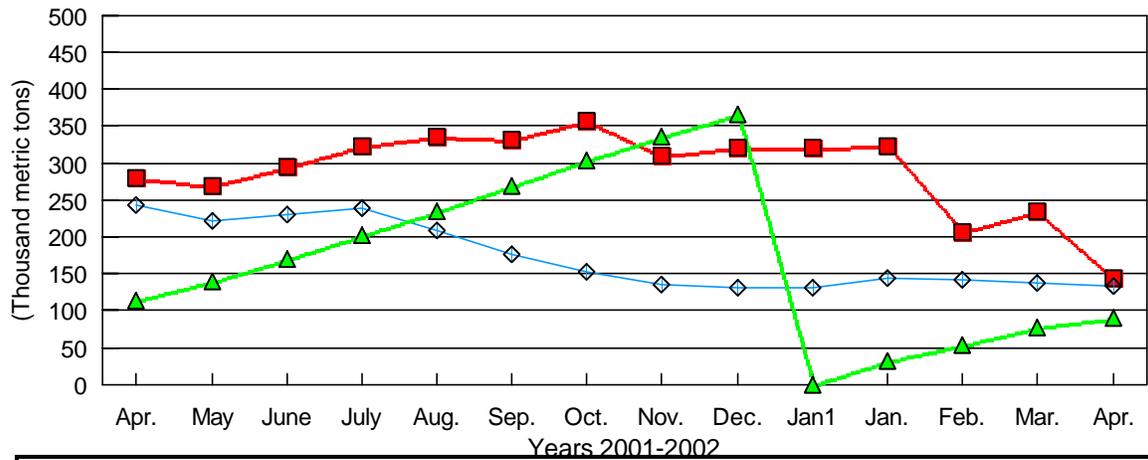
Later Action: The U.S. International Trade Commission (ITC) issued its final determination that an industry in the United States is materially injured by imports from these three countries on May 16 (U.S. International Trade Commission, 2002). The ITA also determined Kazakhstan to be a market economy country effective October 1, 2001 (International Trade Administration, 2002c).

Eramet planned to boost production at its ferromanganese plants in Marietta, OH, and Norway to offset the shortfall created by the temporary closure of the newer of two furnaces at its Boulogne-sur-Mer plant in France due to gas exhaust plant problems (American Metal Market, 2002b). To minimize the loss of high-carbon ferromanganese output to 20,000 t, Eramet started discussions with unions to postpone its summer maintenance shutdown at Boulogne's second blast furnace (American Metal Market, 2002a).

References Cited

- American Metal Market, 2002a, Eramet asks unions for help in manganese glitch: American Metal Market, v. 110, no. 65-5, April 26, p. 4.
- American Metal Market, 2002b, Eramet to increase production at two ferromanganese plants: American Metal Market, v. 110, no. 63-4, April 11, p. 4.
- International Trade Administration, 2002a, Silicomanganese from India—Notice of final determination of sales at less than fair value and final negative critical circumstances determination: Federal Register, v. 67, no. 63, Tuesday, April 2, p. 15531-15533.
- International Trade Administration, 2002b, Notice of final determination of sales at less than fair value—Silicomanganese from Venezuela: Federal Register, v. 67, no. 63, April 2, p. 15533-15535.
- International Trade Administration, 2002c, Notice of final determination of sales at less than fair value—Silicomanganese from Kazakhstan: Federal Register, v. 67, no. 63, April 2, p. 15535-15538.
- International Trade Commission, 2002, Silicomanganese from India, Kazakhstan, and Venezuela: Federal Register, v. 67, no. 98, May 21, p. 35832.

Manganese ore: U.S. reported consumption and industry stocks, exclusive of iron and steel plants 1/



■ Monthly consumption times 10 ◆ Stocks, end-of-month ▲ Consumption for year to date

1/ Includes revisions, if any, for months prior to last month shown.

TABLE 1
SELECTED U.S. FOREIGN TRADE IN MANGANESE 1/

(Metric tons, manganese content) 2/

	Imports for consumption			Exports		
	Ore and dioxide	Ferroalloy and metal	Total	Ore	Ferroalloy and metal	Total
2001:						
March	24,600 3/	24,300 3/	48,900	425	645	1,070
January-March	59,900	84,800	145,000	1,330	2,860	4,190
2002:						
January	23,900	42,200	66,100	775	1,050	1,830
February	34,400	29,700	64,000	453	774	1,230
March	19,300	19,000	38,300	401	930	1,330
Total	77,600	90,800	168,000	1,630	2,760	4,380

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

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

3/ All or part of these data have been referred to the U.S. Census Bureau for verification.

Source: U.S. Census Bureau.

TABLE 2
U.S. IMPORTS FOR CONSUMPTION OF SILICOMANGANESE IN MARCH 2002 1/

(Metric tons, unless otherwise specified)

Source	Gross weight	Mn content	Customs value	Year to date		
				Gross weight	Mn content	Customs value
Australia	--	--	--	3,100	2,050	\$1,400,000
Brazil	3	2	\$2,960	3	2	2,960
Canada	73	48	16,400	145	96	32,800
France	--	--	--	2	1	2,000
Georgia	4,860	3,680	2,180,000	4,860	3,680	2,180,000
India	--	--	--	385	212	221,000
Korea, Republic of	--	--	--	3,000	1,980	1,250,000
Mexico	--	--	--	1,300	849	618,000
Norway	1,000	600	615,000	1,000	600	615,000
Romania	--	--	--	7,290	4,800	3,340,000
South Africa	3,270	2,200	1,420,000	25,800	17,400	11,200,000
Spain	1,020	628	619,000	1,020	628	619,000
Total	10,200	7,160	4,850,000	47,900	32,200	21,400,000
Total, general imports	10,700	7,460	5,160,000	48,400	32,500	21,800,000

-- Zero.

1/ Data 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 FERROMANGANESE IN MARCH 2002 1/

(Metric tons, unless otherwise specified)

Source	Gross weight	Mn content	Customs value	Year to date		
				Gross weight	Mn content	Customs value
Low carbon:						
China	--	--	--	629	566	\$658,000
Norway	20	16	\$15,500	79	64	62,000
South Africa	540	499	662,000	1,260	1,160	1,530,000
Total, low carbon	560	515	678,000	1,970	1,790	2,250,000
Total, general imports of low carbon	560	515	678,000	1,970	1,790	2,250,000
Medium carbon, 1%-2% C:						
Brazil	--	--	--	20	15	18,000
China	--	--	--	1,500	1,200	796,000
Korea, Republic of	--	--	--	1,500	1,200	780,000
Mexico	78	61	64,100	2,010	1,600	1,300,000
Norway	1,080	881	545,000	1,080	881	545,000
South Africa	--	--	--	2,910	2,350	1,610,000
Total, m.c., 1%-2% C	1,160	943	609,000	9,020	7,250	5,050,000
Total, general imports of m.c., 1%-2% C	1,160	943	609,000	9,020	7,250	5,050,000
High carbon:						
France	2,000	1,880	614,000	13,300	10,600	4,690,000
India	6,670	5,070	2,590,000	14,000	10,600	5,510,000
South Africa	2,270	1,780	816,000	30,200	23,700	10,700,000
Total, high carbon	10,900	8,730	4,020,000	57,400	44,900	20,900,000
Total, general imports of high carbon	10,900	8,730	4,020,000	57,400	44,900	20,900,000
Grand total	12,700	10,200	5,310,000	68,400	54,000	28,200,000
Grand total, general imports	12,700	10,200	5,310,000	68,400	54,000	28,200,000

-- Zero.

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

Source: U.S. Census Bureau.

TABLE 4
U.S. IMPORTS OF MANGANESE ORE (20% OR MORE Mn) IN MARCH 2002 1/ 2/

(Metric tons)

Source	20% - 47% Mn		47% or more Mn		Total	
	Gross weight	Mn content	Gross weight	Mn content	Gross weight	Mn content
Belgium	--	--	18	13	18	13
Gabon	19,300	8,480	18,200	9,120	37,500	17,600
Total	19,300	8,480	18,200	9,130	37,500	17,600
Year to date:						
Belgium	--	--	54	38	54	38
Brazil	29,900	12,800	--	--	29,900	12,800
Gabon	36,100	15,900	51,400	29,900	87,500	45,800
South Africa	--	--	32,100	15,900	32,100	15,900
Total	66,000	28,700	83,600	45,800	150,000	74,500

-- Zero.

1/ Quantities for general imports and imports for consumption are identical.

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

Source: U.S. Census Bureau.

TABLE 5
U.S. IMPORTS FOR CONSUMPTION OF MANGANESE DIOXIDE AND MANGANESE METAL IN MARCH 2002 1/

(Metric tons, gross weight, unless otherwise specified)

Source	Manganese dioxide				Manganese metal			
	Quantity	Customs value	Year to date		Unwrought		Other	
			Quantity	Customs value	Quantity	Year to date	Quantity	Year to date
Australia	1,710	\$2,350,000	2,590	\$3,620,000	--	--	--	--
Belgium	73	126,000	236	423,000	--	--	--	--
Canada	--	--	--	--	--	--	--	15
China	17	19,900	53	57,200	219	400	3	7
France	--	--	--	--	--	--	--	11
Germany	9	18,400	9	18,400	364	930	--	4
Greece	293	378,000	293	378,000	--	--	--	--
Ireland	581	777,000	1,470	2,020,000	--	--	--	--
Japan	89	145,000	143	237,000	--	--	--	4
Netherlands	--	--	91	122,000	--	--	25	25
Poland	--	--	--	--	--	--	20	20
South Africa	41	67,500	225	373,000	983	3,000	--	--
Spain	--	--	--	--	--	136	--	--
United Kingdom	--	--	38	55,000	--	40	--	--
Total	2,820	3,880,000	5,150	7,300,000	1,570	4,510	48	86
Total, general imports	2,830	3,910,000	5,170	7,330,000	1,570	4,510	48	86

-- Zero.

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

Note: No imports for consumption of metallic manganese waste and scrap were reported, to give a year-to-date total of 23 tons.

Source: U.S. Census Bureau.

TABLE 6
U.S. EXPORTS OF MANGANESE ORE (20% OR MORE Mn), FERROMANGANESE,
SILICOMANGANESE, AND MANGANESE METAL BY COUNTRIES OF DESTINATION IN 2002 1/

(Metric tons, gross weight)

	Manganese ore		Ferromanganese, 2% or less C		Silicomanganese		Manganese metal 2/	
	March	Year to date	March	Year to date	March	Year to date	March	Year to date
Australia	--	15	5	5	--	5	--	--
Belgium	--	--	--	--	--	--	95	306
Brazil	--	31	8	8	8	8	--	--
Canada	367	866	565	1,790	--	182	15	39
China	--	1,190	--	--	--	--	14	27
Germany	198	237	--	--	--	--	--	9
Ghana	--	--	16	16	--	--	--	--
Hong Kong	18	18	--	--	--	--	--	--
Indonesia	30	30	--	--	--	--	--	--
Italy	47	47	--	--	--	--	--	15
Japan	--	--	46	46	--	--	78	206
Korea, Republic of	--	--	--	--	--	--	10	10
Mexico	5	5	--	--	11	42	5	23
Netherlands	86	190	--	--	4	4	--	--
Norway	--	278	--	--	--	--	--	--
Poland	24	89	--	--	--	--	--	--
Sweden	19	107	--	--	--	--	18	18
Switzerland	--	15	--	--	--	--	--	--
Taiwan	8	8	--	--	--	--	--	--
United Kingdom	--	138	--	--	--	--	--	--
Total	802	3,260	640	1,860	23	241	235	652

-- Zero.

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

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

Note: Exports of ferromanganese with more than 2% carbon totaled 222 tons, of which 206 tons went to Canada and 15 tons went to Japan, to give a year-to-date total of 599 tons.

Source: U.S. Census Bureau.

TABLE 7
U.S. FOREIGN TRADE IN SELECTED MANGANESE CHEMICALS IN MARCH 2002, BY CLASS 1/

Class	Gross weight (metric tons)	Value 2/ (thousands)	Principal sources and destinations: gross weight (metric tons); value 2/ (thousands)	Year to date		
				Gross weight (metric tons)	Value 2/ (thousands)	Principal sources and destinations: gross weight (metric tons); value 2/ (thousands)
<u>Imports for consumption:</u>						
Manganese oxides other than dioxide	234	\$212	Mexico 163; \$49	471	\$533	Mexico 294; \$97
Sulfates, basket category, including manganese sulfate	3,510	1,790	China 2,660; \$1,100	9,780	5,870	Mexico 4,960; \$2,630
Potassium permanganate	151	233	China 65; \$71	421	666	China 176; \$194
Manganites, manganates, and other permanganates	--	--	XX	56	52	China 56; \$50
<u>Exports:</u>						
Manganese dioxide	224	184	Canada 174; \$54	972	949	Canada 572; \$181
Manganese oxides other than dioxide	357	563	Canada 179; \$67	1,120	1,490	Canada 628; \$242
Sulfates, basket category, including manganese sulfate	2,460	798	Canada 2,330; \$588	5,900	3,990	Canada 5,150; \$1,400
Potassium permanganate	60	112	Canada 25; \$33	126	264	Canada 86; \$144
Manganites, manganates, and other permanganates	40	199	Japan 33; \$154	45	233	Japan 33; \$154

XX Not applicable. -- Zero.

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

2/ For imports, Customs value; for exports, f.a.s. value.

Source: U.S. Census Bureau.