

Mineral Industry Surveys

For information, contact:

Lisa A. Corathers, Manganese Commodity Specialist
U.S. Geological Survey
989 National Center
Reston, VA 20192
Telephone: (703) 648-4973, Fax: (703) 648-7757
E-mail: lcorathers@usgs.gov

Jesse J. Inestroza (Data)
Telephone: (703) 648-7968
Fax: (703) 648-7975
jinestro@usgs.gov

Internet: <http://minerals.usgs.gov/minerals>

MANGANESE IN APRIL 2003

In April, reported consumption of manganese ore containing 35% or more manganese, exclusive of that consumed at iron and steel plants, was estimated as 36,500 metric tons (t), which was a 5% increase from that for the previous month, according to the U.S. Geological Survey. This figure increases to 38,900 t when estimates for annual respondents are added on the basis of 2002 data. Corresponding industry stocks of ore at the end of the month were 136,000 t, which includes an estimate for annual respondents on the basis of 2002 data. This was a decrease of 17% 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 April will appear in a subsequent report. The data for March 2003 tabulated in this report indicate that the total imports for consumption, on a manganese content basis, increased by about 3% from those of February 2003 (table 1). Total exports, on a manganese content basis, increased by 39% from those for the previous month.

Update

On March 11, 2003, the U.S. International Trade Administration (ITA) extended the time limit for the preliminary results of its antidumping duty administrative review of Brazilian silicon metal imports covering the period July 1, 2001, through June 30, 2002 (International Trade Administration, 2003). The ITA pushed the deadline back from April 2, 2003, to July 22, 2003.

In April 2003, the U.S. International Trade Commission (ITC) submitted a confidential report to the United States Trade Representative (USTR) on the probable economic effects of a free trade agreement between the United States and the South African Customs Union (U.S. International Trade Commission, 2003¹). (The report was prepared at the request of the USTR.) The FTA could result in the elimination of the 14% ad valorem duty on imports of unwrought manganese or manganese metal flake from South Africa. A public version of the report has not yet been released.

On May 12, India's Ministry of Disinvestment opened the bidding process for the Government's 51% equity in Manganese Ore India Ltd, as well as the Madhya Pradesh State Government's 8.81% stake in the company. The Maharashtra State Government may also sell its 9.62% in the company (India Ministry of Disinvestment, 2003§). Bids will be accepted until June 23.

In late May, the Pridniprovyie consortium of the Dnipropetrovsk region in Ukraine purchased the Government's 25% stake in Nikopol Ferroalloys Plant from the Ukrainian State Property Fund (Interfax Mining & Metals Report, 2003). In June, Nikopol appointed CC Metals and Alloys, Inc. (CCMA) as its exclusive agent for its manganese alloy sales in the United States, Canada, and Trinidad (Ryan's Notes, 2003).

References Cited

- Interfax Mining & Metals Report, 2003, Pridniprovyie buys 25% Nikopol Ferroalloys stake for \$38.4 mln: Interfax Mining & Metals Report, v. 11, issue 22, p. 44.
- International Trade Administration, 2003, Silicon metal from Brazil—Extension of time limit for preliminary results of antidumping duty administrative review: Federal Register, v. 68, no. 47, March 11, p. 11519-11520.
- Ryan's Notes, 2003, Nikopol names new US agent: Ryan's Notes, v. 10, no. 22, June 2, p. 1.

Internet References Cited

- India Ministry of Disinvestment, 2003 (May 12), Preliminary information memorandum—Sale of 59.81% or more of the total voting equity share capital in Manganese Ore (India) Limited, accessed June 25, 2003, at URL <http://divest.nic.in>.
- U.S. International Trade Commission, 2003 (April), U.S.-Southern Africa Customs Union free trade agreement—Advice concerning the probable economic effect, Investigation No. TA-131-23 and Investigation No. TA-214-3, Confidential Report issued to requester, accessed June 20, 2003, at URL <http://www.usitc.gov>.

¹References that include a section mark (§) are found in the Internet References Cited section.

TABLE 1
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
2002:						
March	19,300	19,000	38,300	401	930	1,330
January-March	77,600	90,800	168,000	1,630	2,760	4,380
2003:						
January	2,340	24,900	27,300	176	711	887
February	21,100	27,700	48,800	151	820	971
March	28,100 ³	21,900 ³	50,000	347	1,010	1,350
Total	51,600	74,600	126,000	674	2,540	3,210

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

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

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

Source: U.S. Census Bureau.

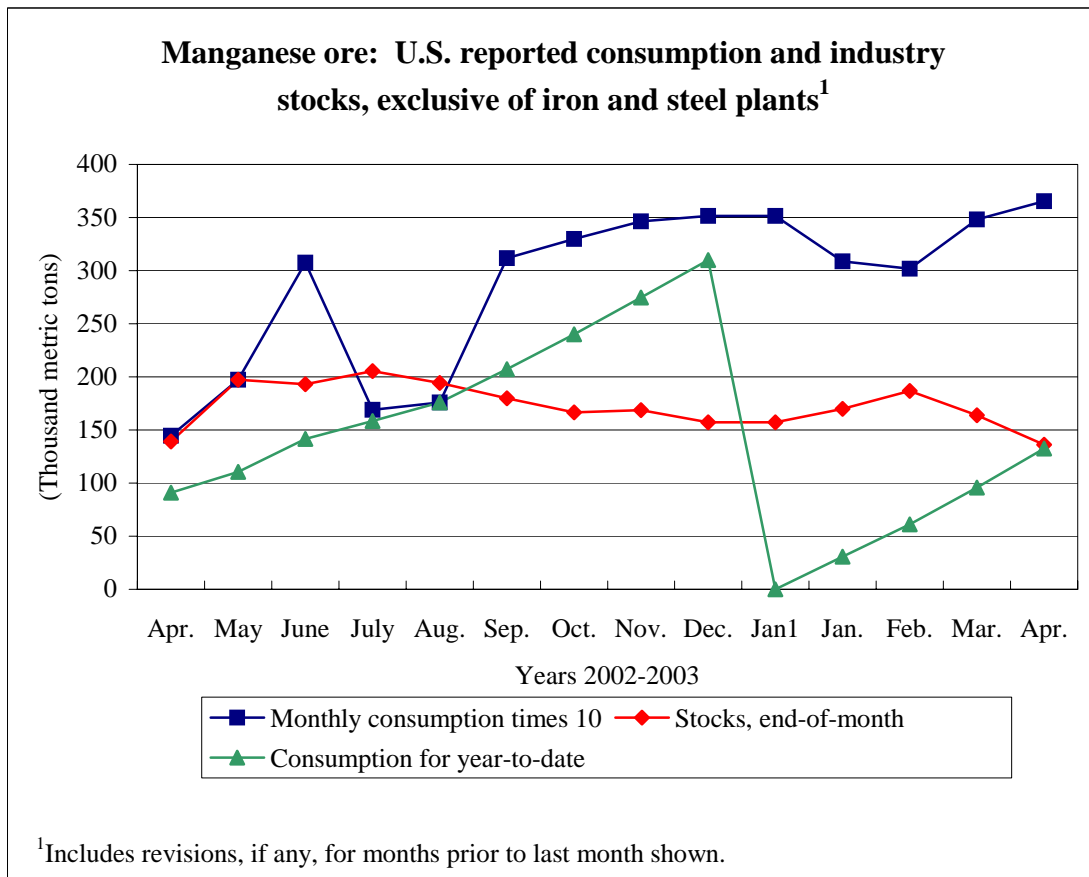


TABLE 2
U.S. IMPORTS FOR CONSUMPTION OF SILICOMANGANESE IN MARCH 2003¹

(Metric tons, unless otherwise specified)

Source	Gross weight	Mn content	Customs value	Year to date		
				Gross weight	Mn content	Customs value
Australia	500	325	\$213,000	7,670	5,070	\$3,530,000
Mexico	520	341	244,000	1,860	1,260	880,000
Norway	500	300	308,000	4,710	2,690	3,280,000
Romania	--	--	--	7,690	5,300	3,690,000
Russia	1,110	720	529,000	2,330	1,510	1,120,000
South Africa	8,300	5,520	3,880,000	17,200	11,400	8,130,000
Total	10,900	7,200	5,170,000	41,500	27,300	20,600,000
Total, general imports	10,900	7,200	5,170,000	41,500	27,300	20,600,000

-- Zero.

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 FERROMANGANESE IN MARCH 2003¹

(Metric tons, unless otherwise specified)

Source	Gross weight	Mn content	Customs value	Year to date		
				Gross weight	Mn content	Customs value
Low carbon:						
Canada	--	--	--	20	16	\$18,200
China	412	388	\$388,000	923	866	856,000
Italy	--	--	--	356	276	168,000
Japan	18	16	18,700	1,720	1,380	1,160,000
Mexico	269	212	249,000	289	227	265,000
Norway	--	--	--	1,000	810	810,000
South Africa	361	334	442,000	1,180	1,090	1,470,000
Spain	--	--	--	36	29	28,800
Total, low carbon	1,060	950	1,100,000	5,520	4,700	4,780,000
Total, general imports of low carbon	1,060	950	1,100,000	5,520	4,700	4,780,000
Medium carbon, 1%-2% C:						
China	2,150	1,730	1,330,000	4,070	3,190	2,540,000
Mexico	--	--	--	1,500	1,210	1,050,000
Norway	20	16	10,800	1,800	1,470	991,000
South Africa	3,210	2,620	2,230,000	7,950	6,470	5,480,000
Total, m.c., 1%-2% C	5,370	4,360	3,570,000	15,300	12,300	10,100,000
Total, general imports of m.c., 1%-2% C	5,370	4,360	3,570,000	15,300	12,300	10,100,000
Medium carbon, 2%-4% C:						
Mexico	--	--	--	22	21	11,400
High carbon:						
Australia	--	--	--	755	580	344,000
Brazil	1,310	1,030	504,000	2,610	2,060	1,020,000
Canada	--	--	--	86	65	56,400
France	3,000	2,350	1,140,000	7,000	5,490	2,670,000
South Africa	7,100	5,570	2,940,000	25,400	19,700	10,600,000
Total, high carbon	11,400	8,950	4,590,000	35,800	27,900	14,700,000
Total, general imports of high carbon	11,400	8,950	4,590,000	35,800	27,900	14,700,000
Grand total	17,800	14,300	9,260,000	56,700	44,900	29,500,000
Grand total, general imports	17,800	14,300	9,260,000	56,700	44,900	29,500,000

-- Zero.

¹Data 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 2003^{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
Gabon	--	--	14,400 ³	9,910 ³	14,400	9,910
South Africa	2,500	1,150	29,700	14,300	32,200	15,400
Total	2,500	1,150	44,100	24,200	46,600	25,300
Year to date:						
Belgium	--	--	36	25	36	25
Gabon	--	--	51,500	28,400	51,500	28,400
South Africa	2,500	1,150	29,700	14,300	32,200	15,400
Total	2,500	1,150	81,200	42,700	83,800	43,900

-- Zero.

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

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

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

Source: U.S. Census Bureau.

TABLE 5
U.S. IMPORTS FOR CONSUMPTION OF MANGANESE DIOXIDE AND MANGANESE METAL IN MARCH 2003¹

(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	2,010	\$2,460,000	7,690	\$9,830,000	--	--	--	--
Belgium	49	90,700	140	254,000	--	--	1	1
Canada	--	--	--	--	--	--	--	1
China	72	62,200	126	119,000	--	699	284	424
France	--	--	--	--	--	--	7	7
Germany	27	150,000	52	242,000	--	67	--	--
Ireland	1,080	1,350,000	1,880	2,380,000	--	--	--	--
Japan	306	366,000	762	938,000	--	--	6	11
Korea, Republic of	--	--	--	--	--	--	20	20
Netherlands	--	--	--	--	--	--	10	10
Norway	--	--	--	--	--	25	--	--
South Africa	1,080	1,380,000	2,180	2,870,000	--	904	--	--
Spain	--	--	--	--	--	--	41	51
United Kingdom	--	--	--	--	--	--	--	--
Total	4,620	5,860,000	12,800	16,600,000	--	1,700	369	525
Total, general imports	4,620	5,860,000	12,800	16,600,000	--	1,700	369	525

-- Zero.

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

Note: Imports for consumption of metallic manganese waste and scrap totaled 189 tons, all of which was from Canada, to give a year-to-date total of 305 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 2003¹

(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	--	31	--	--	5	5	--	--
Brazil	31	54	--	--	--	--	--	20
Canada	224	432	923	2,260	35	157	84	208
China	--	--	--	--	--	--	--	1
France	--	--	--	--	--	--	4	4
Germany	167	291	--	--	--	--	--	22
Hong Kong	--	--	--	--	--	--	--	(3)
Japan	--	--	19	19	--	--	67	172
Korea, Republic of	--	--	--	--	--	--	(3)	2
Mexico	--	--	19	19	7	7	10	34
Netherlands	86	173	--	--	--	--	--	--
Norway	139	139	--	--	--	--	--	--
Poland	47	95	--	--	--	--	--	--
Sweden	--	19	--	--	--	--	--	48
Switzerland	--	20	--	--	--	--	--	--
Taiwan	--	7	--	--	--	--	--	--
United Kingdom	--	89	--	--	--	--	--	--
Total	694	1,350	961	2,300	47	169	165	511

-- Zero.

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

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

³Less than 1/2 unit.

Note: Exports of ferromanganese with more than 2% carbon totaled 61 tons, all of which went to Canada, to give a year-to-date total of 125 tons.

Source: U.S. Census Bureau.

TABLE 7
U.S. FOREIGN TRADE IN SELECTED MANGANESE CHEMICALS IN MARCH 2003, BY CLASS¹

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)
Imports for consumption:						
Manganese oxides other than dioxide	69	\$18	India 59; \$14	559	\$472	Mexico 272; \$84
Sulfates, basket category, including manganese sulfate	4,170	1,840	Mexico 1,990; \$909	8,150	4,310	Mexico 4,230; \$2,120
Potassium permanganate	139	273	India 72; \$141	423	846	Czech Republic 241; \$470
Manganites, manganates, and other permanganates	(3)	2	Canada (3); \$2	(3)	7	Canada (3); \$7
Exports:						
Manganese dioxide	346	330	Canada 208; \$78	971	938	Canada 606; \$211
Manganese oxides other than dioxide	525	647	Canada 261; \$96	1,260	1,320	Canada 768; \$283
Sulfates, basket category, including manganese sulfate	2,040	1,080	Canada 1,720; \$515	5,750	2,660	Canada 4,910; \$1,400
Potassium permanganate	168	284	Spain 101; \$192	420	621	Spain 234; \$407
Manganites, manganates, and other permanganates	61	275	Japan 32; \$149	129	620	Japan 62; \$297

-- Zero.

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

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

³Less than 1/2 unit.

Source: U.S. Census Bureau.