

Mineral Industry Surveys

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MANGANESE IN AUGUST 2001

In August, reported consumption of manganese ore containing 35% or more manganese, exclusive of that consumed at iron and steel plants, was 33,500 metric tons (t), which was an increase of about 7% compared with that estimated for the previous month, according to the U.S. Geological Survey. This brought the revised year-to-date total to 235,000 t. The figures for August increase to 35,900 t and 256,000 t, respectively, when estimates for annual respondents are added on the basis of 2000 data. Corresponding industry stocks of ore at the end of the month, including an estimate for annual respondents on the basis of 2000 data, were estimated to have been the lowest of the year to date, 209,000 t. This was a decrease of about 11% compared with the corresponding figure for stocks at the end of July.

Data for domestic consumption and stocks of manganese ferroalloys and metal will appear in a subsequent monthly report.

Foreign trade data for August will appear in a subsequent report. The data for July tabulated in this report indicate that the quantity of ore imported was the greatest since 2000. Gabon was the source of almost all of the ore imports. Those from Gabon had an average manganese content of about 57% and presumably were sinter from the new facilities started up there this year. **Note:** For early availability, the trade data appearing in this report were placed on MINES FaxBack in preliminary form as of September 25. The FaxBack document number for the preliminary August trade data will be 420208.

Two agencies of the U.S. Government took actions affecting importation of manganese materials from Ukraine. Effective August 24, the Office of the United States Trade Representative (USTR) suspended duty-free treatment under the Generalized System of Preferences (GSP) program for all products of Ukraine (Office of the United States Trade Representative, 2001). This was in response to failure of Ukrainian authorities to stop the unauthorized production of optical media products. The USTR also said it might later

impose prohibitive duties on certain products of Ukraine, among which were all grades of ferromanganese containing more than 2% carbon. Effective September 17 for imports of silicomanganese from Ukraine, the International Trade Administration of the U.S. Department of Commerce terminated the suspension agreement between the Governments of Ukraine and the United States and imposed an antidumping duty order that set a Ukraine-wide weighted-average dumping margin of 163% (International Trade Administration, 2001).

The Defense National Stockpile Center of the Defense Logistics Agency, U.S. Department of Defense, reported no disposals of manganese materials from the National Defense Stockpile in August. This was the third consecutive month that no disposals were reported.

Update

In South Africa, Assmang Ltd. (formerly Associated Manganese Mines of South Africa Ltd.) has resumed production of silicomanganese after a lapse of 15 years. This broadening of its line of manganese ferroalloys was achieved by switching production of a furnace at its Cato Ridge plant west of Durban from high-carbon ferromanganese to silicomanganese (TEX Report, 2001).

References Cited

- International Trade Administration, 2001, Suspension agreement on silicomanganese from Ukraine—Termination of suspension agreement and notice of antidumping duty order: Federal Register, v. 66, no. 162, August 21, p. 43838-43840.
- Office of the United States Trade Representative, 2001, Determination of action to suspend GSP benefits under Section 301(b); further proposed action and publication of preliminary product list; and request for public comment—Intellectual property laws and practices of the Government of Ukraine: Federal Register, v. 66, no. 155, August 10, p. 42246-42250.
- TEX Report, 2001, Assmang/S. Africa reported good results for FY 2001 ended on 30th June 2001: TEX Report, September 6, p. 4.

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
2000:						
July	60,500	52,400	113,000	228	822	1,050
January-July	165,000	319,000	484,000	1,830	6,130	7,950
2001:						
January	23,400 3/	35,100	58,400	185	1,830	2,020
February	11,900	25,400	37,300	723 3/	383	1,110
March	24,600 3/	24,300 3/	48,900	425	645	1,070
April	23,100	34,800	57,900	138	630	768
May	28,600 3/	45,700	74,300	267	967	1,230
June	11,100	32,000	43,100	200	655	855
July	30,600	35,600 3/	66,200	349	635	984
Total	153,000	233,000	386,000	2,290	5,750	8,030

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 JULY 2001 1/

(Metric tons, unless otherwise specified)

Source	Gross weight	Mn content	Customs value	Year to date		
				Gross weight	Mn content	Customs value
Australia	4,430	2,940	\$1,990,000	32,600	21,600	\$12,900,000
Canada	--	--	--	167	117	38,500
India	5,110	3,220	1,990,000	38,600	24,800	15,300,000
Japan	10	46	23,800	10	46	23,800
Kazakhstan	--	--	--	26,300	17,900	11,200,000
Lithuania	--	--	--	4,000	2,710	1,720,000
Mexico	--	--	--	8,220	5,380	3,850,000
Norway	--	--	--	8,400	5,100	4,850,000
South Africa	11,800	8,090	4,920,000	51,200	35,100	20,100,000
Spain	--	--	--	600	371	407,000
Venezuela	--	--	--	1,500	960	615,000
Total	21,400	14,300	8,910,000	172,000	114,000	71,000,000
Total, general imports	21,400	14,300	8,910,000	172,000	114,000	71,000,000

-- 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 JULY 2001 1/

(Metric tons, unless otherwise specified)

Source	Gross weight	Mn content	Customs value	Year to date		
				Gross weight	Mn content	Customs value
Low carbon:						
Canada	--	--	--	36	29	\$19,400
China	324 2/	467 2/	\$344,000 2/	1,010	1,090	1,040,000
Italy	501	447	429,000	1,240	1,070	1,100,000
Japan	--	--	--	1	31	22,100
Mexico	300	241	209,000	2,010	1,610	1,490,000
Netherlands	--	--	--	21	17	18,700
Norway	--	--	--	1,250	1,010	1,050,000
South Africa	300	279	359,000	3,190	2,810	3,230,000
Total, low carbon	1,430	1,430	1,340,000	8,750	7,680	7,970,000
Total, general imports of low carbon	1,430	1,430	1,340,000	8,750	7,680	7,970,000
Medium carbon, 1%-2% C:						
Brazil	--	--	--	20	15	20,700
China	1,560	1,250	892,000	3,800	3,040	2,260,000
France	--	--	--	39	31	22,700
Germany	--	--	--	11	8	6,090
Mexico	2,150	1,740	1,380,000	9,980	8,030	6,880,000
Norway	--	--	--	1,030	839	557,000
South Africa	--	--	--	12,900	10,400	8,420,000
Spain	--	--	--	700	568	536,000
Total, m.c., 1%-2% C	3,710	2,990	2,270,000	28,500	23,000	18,700,000
Total, general imports of m.c., 1%-2% C	3,710	2,990	2,270,000	28,500	23,000	18,700,000
High carbon:						
Australia	2,000	1,540	720,000	20,500	15,800	7,400,000
Brazil	--	--	--	3,980	3,070	1,470,000
Canada	--	--	--	17	13	9,600
France	11,000	8,630	4,100,000	28,500	22,600	11,700,000
Germany	--	--	--	9	7	3,060
India	--	--	--	3,480	2,640	1,320,000
South Africa	6,460	4,970	2,290,000	41,500	32,300	15,300,000
Total, high carbon	19,500	15,100	7,120,000	98,000	76,300	37,200,000
Total, general imports of high carbon	19,500	15,100	7,120,000	98,000	76,300	37,200,000
Grand total	24,600	19,600	10,700,000	135,000	107,000	63,800,000
Grand total, general imports	24,600	19,600	10,700,000	135,000	107,000	63,800,000

-- Zero.

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

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

Source: U.S. Census Bureau.

TABLE 4
U.S. IMPORTS OF MANGANESE ORE (20% OR MORE Mn) IN JULY 2001 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	--	--	48,200	27,400	48,200	27,400
Mexico	1,470	563	--	--	1,470	563
Total	1,470	563	48,200	27,400	49,700	28,000
Year to date:						
Australia	--	--	18,000	9,440	18,000	9,440
Brazil	7,700	3,460	--	--	7,700	3,460
Gabon	14,300	6,310	170,000	103,000	184,000	110,000
Mexico	4,520	1,720	--	--	4,520	1,720
Morocco	--	--	20	11	20	11
South Africa	11,600	4,160	26,600	12,500	38,100	16,700
Total	38,100	15,700	214,000	125,000	252,000	141,000

-- 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 JULY 2001 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	2,390	\$3,360,000	10,800	\$16,500,000	--	--	3	5
Belgium	--	--	309	469,000	--	--	--	--
Canada	--	--	--	--	--	--	1	2
China	180	182,000	813	801,000	380	1,800	32	86
France	--	--	--	--	--	--	10	29
Germany	--	--	40	144,000	224	1,210	--	18
Greece	--	--	563	728,000	--	--	--	--
India	--	--	1	3,130	--	--	37	226
Ireland	734	987,000	4,010	5,480,000	--	--	--	--
Japan	18	66,900	280	605,000	--	--	--	6
Malaysia	--	--	--	--	--	--	--	5
Mexico	--	--	--	--	--	--	1	69
Morocco	--	--	1	2,530	--	--	--	--
Netherlands	--	--	--	--	--	--	--	24
Russia	--	--	--	--	--	--	--	385
South Africa	1,040	1,440,000	3,590	5,030,000	945	7,150	--	--
Spain	--	--	--	--	82	374	--	--
United Kingdom	--	--	6	11,000	--	149	(2/)	(2/)
Total	4,360	6,030,000	20,400	29,800,000	1,630	10,700	84	855
Total, general imports	4,360	6,030,000	20,300	29,800,000	1,630	10,600	64	895

-- Zero.

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

2/ Less than 1/2 unit.

Note: Imports for consumption of metallic manganese waste and scrap totaled 86 tons, of which 60 tons was from China, 20 tons was from Canada, and 6 tons was from France, to give a year-to-date total of 597 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 2001 1/

(Metric tons, gross weight)

	Manganese ore		Ferromanganese, 2% or less C		Silicomanganese		Manganese metal 2/	
	July	Year to date	July	Year to date	July	Year to date	July	Year to date
Australia	15	89	--	--	13	18	--	2
Barbados	21	21	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	56
Brazil	--	46	--	--	--	15	--	--
Canada	207	1,770	338	1,380	157	314	--	25
Chile	--	3	--	--	--	--	--	6
Finland	--	--	--	--	--	--	--	36
France	--	--	--	--	--	4	--	29
Germany	19	414	--	--	--	--	--	60
Hong Kong	--	21	--	--	--	--	--	1
Ireland	--	137	--	--	--	--	--	--
Israel	127	127	--	--	--	--	--	--
Italy	115	259	--	--	--	--	--	1
Japan	--	--	--	21	--	--	73	291
Korea, Republic of	--	--	--	--	--	--	--	10
Mexico	30	61	--	116	34	2,380	13	152
Netherlands	--	--	--	--	--	29	--	199
Norway	--	139	--	--	--	--	--	--
Saudi Arabia	--	21	--	--	--	--	--	--
Singapore	--	--	--	4	--	--	--	--
Spain	--	--	--	--	--	8	--	--
Sweden	19	57	--	--	--	--	--	54
Switzerland	15	48	--	--	--	--	--	--
Taiwan	--	80	--	--	--	--	--	--
United Kingdom	128	1,270	--	--	--	--	--	--
Venezuela	--	16	--	--	--	--	--	--
Total	698	4,570	338	1,520	204	2,770	86	921

-- 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 188 tons, all of which went to Canada, to give a year-to-date total of 2,280 tons.

Source: U.S. Census Bureau.

TABLE 7
U.S. FOREIGN TRADE IN SELECTED MANGANESE CHEMICALS IN JULY 2001, 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	282	\$191	Mexico 230; \$65	866	\$939	Mexico 422; \$123
Sulfates, basket category, including manganese sulfate	1,300	1,160	China 588; \$572	17,300	10,500	Mexico 6,860; \$3,700
Potassium permanganate	157	305	India 92; \$178	1,030	2,000	Czech Republic 520; \$1,020
Manganites, manganates, and other permanganates	(3/)	2	Canada (3/); \$2	52	168	China 34; \$35
<u>Exports:</u>						
Manganese dioxide	427	618	Canada 168; \$59	2,740	3,590	Canada 1,170; \$464
Manganese oxides other than dioxide	450	500	Canada 161; \$67	4,080	4,890	Canada 1,570; \$623
Sulfates, basket category, including manganese sulfate	2,570	3,950	Canada 2,180; \$512	17,100	11,600	Canada 13,600; \$3,330
Potassium permanganate	77	184	Mexico 37; \$71	820	1,780	Spain 365; \$668
Manganites, manganates, and other permanganates	28	150	Japan 15; \$98	259	1,700	Mexico 81; \$778

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

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

3/ Less than 1/2 unit.

Source: U.S. Census Bureau.