

Mineral Industry Surveys

For information, contact:

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

Jesse J. Inestroza (Data)
Telephone: (703) 648-7968
Fax: (703) 648-7975

MINES FaxBack: (703) 648-4999
Internet: <http://minerals.usgs.gov/minerals>

MANGANESE IN FEBRUARY 2000

In February, reported consumption of manganese ore containing 35% or more manganese, exclusive of that at iron and steel plants, was 36,200 metric tons, which was a decrease of about 8% compared with the revised figure of 39,400 tons for the previous month, according to the U.S. Geological Survey. This brought the revised year-to-date total to 75,600 tons. The figures for February increase to 40,400 tons and 84,000 tons when estimates for annual respondents are added on the basis of 1998 data. Corresponding industry stocks of ore at the end of the month were 217,000 tons, which includes an estimate for annual respondents on the basis of 1998 data. This was a decrease of about 3% compared with the revised figure of 224,000 tons for stocks at the end of January.

Data for domestic consumption and stocks of manganese ferroalloys and metal in 1999 will appear in a subsequent monthly

report.

Foreign trade data for February will appear in a subsequent report. Data for January are tabulated in this report. **Note:** For early availability, the trade data appearing in this report are being placed on MINES FaxBack in preliminary form. The data for January were placed on FaxBack as of March 29. The FaxBack document number for the February trade data will be 420202.

The Defense National Stockpile Center of the Defense Logistics Agency, U.S. Department of Defense, reported for February a cash disposal of 1,270 tons of natural battery-grade ore from the National Defense Stockpile. This disposal resulted from a modification to an existing contract.

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
1999:						
January	20,500	48,300	68,800	95	1,850	1,940
2000:						
January	17,200 3/	27,600 3/	44,800	144	926	1,070

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 Bureau of the Census for verification.

Source: Bureau of the Census.

TABLE 2
U.S. IMPORTS FOR CONSUMPTION OF SILICOMANGANESE IN JANUARY 2000 1/

(Metric tons)

Source	Gross weight	Mn content	Customs value
Australia	5,270	3,500	\$2,470,000
India	1,540	983	617,000
Kazakhstan	3,890	2,650	1,680,000
Mexico	6,950	4,550	3,040,000
South Africa	8,130	5,450	3,520,000
Total	25,800	17,100	11,300,000
Total, general imports	25,800	17,100	11,300,000

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

Source: Bureau of the Census.

TABLE 3
U.S. IMPORTS FOR CONSUMPTION OF FERROMANGANESE IN JANUARY 2000 1/

(Metric tons)

Source	Gross weight	Mn content	Customs value
Low carbon:			
China	355 2/	337 2/	\$411,000 2/
Italy	532	446	517,000
Japan	1,510	1,220	1,160,000
Norway	21	17	10,300
South Africa	80 2/	78 2/	136,000 2/
Ukraine	60 2/	57 2/	71,400 2/
Total, low carbon	2,560	2,150	2,310,000
Total, general imports of low carbon	2,560	2,150	2,310,000
Medium carbon, 1%-2% C:			
Mexico	3,240	2,620	2,020,000
South Africa	2,500	2,050	1,460,000
Total, m.c., 1%-2% C	5,740	4,670	3,470,000
Total, general imports of medium carbon	5,740	4,670	3,470,000
Medium carbon, 2%-4% C:			
South Africa	20	16	10,700
Total, m.c., 2%-4% C	20	16	10,700
Total, general imports of medium carbon	20	16	10,700
High carbon:			
Australia	1,300	994	464,000
South Africa	1,910	1,460	683,000
Total, high carbon	3,210	2,460	1,150,000
Total, general imports of high carbon	3,210	2,460	1,150,000
Grand total	11,500	9,290	6,940,000
Grand total, general imports	11,500	9,290	6,940,000

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 Bureau of the Census for verification.

Source: Bureau of the Census.

TABLE 4
U.S. IMPORTS 1/ OF MANGANESE ORE (20% OR MORE Mn) IN JANUARY 2000 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	18,200 3/	8,010 3/	13,700	6,780	31,900	14,800
India	18 3/	112 3/	--	--	18	112
Mexico	597	263	--	--	597	263
Total	18,800	8,380	13,700	6,780	32,500	15,200

-- Zero.

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

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

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

Source: Bureau of the Census.

TABLE 5
U.S. IMPORTS FOR CONSUMPTION OF MANGANESE DIOXIDE AND MANGANESE METAL
IN JANUARY 2000 1/

(Metric tons, gross weight)

Source	Manganese dioxide		Manganese metal	
	Quantity	Customs value	Unwrought, quantity	Other , quantity
Australia	1,590	\$2,240,000	--	--
Belgium	20	29,200	--	--
China	37	40,200	178	41
France	--	--	--	11
Germany	1	5,170	18	1
Greece	2	2,140	--	--
Ireland	808	1,170,000	--	--
Netherlands	--	--	--	13
South Africa	980	1,390,000	927	--
United Kingdom	(2/)	4,940	19	--
Total	3,440	4,880,000	1,140	66
Total, general imports	3,470	4,930,000	1,140	66

-- 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: No imports for consumption of metallic manganese waste and scrap were reported.

Source: Bureau of the Census.

TABLE 6
U.S. EXPORTS OF MANGANESE ORE (20% OR MORE Mn), FERROMANGANESE,
SILICOMANGANESE, AND MANGANESE METAL BY COUNTRIES
OF DESTINATION IN JANUARY 2000 1/

(Metric tons, gross weight)

	Manganese ore	Ferromanganese, 2% or less C	Silicomanganese	Manganese metal 2/
Australia	7	--	--	--
Belgium	--	--	--	19
Canada	280	476	273	54
Chile	--	--	--	4
Colombia	--	--	--	4
Finland	--	--	--	12
Italy	--	--	--	9
Japan	--	--	--	46
Korea, Republic of	--	--	--	1
Mexico	--	--	142	13
Total	288	476	415	163

-- 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 144 tons, all of which went to Canada.

Source: Bureau of the Census.

TABLE 7
U.S. FOREIGN TRADE IN SELECTED MANGANESE CHEMICALS IN JANUARY 2000, BY CLASS 1/

Class	Gross weight (metric tons)	Value 2/ (thousands)	Principal sources and destinations: gross weight (metric tons); value (thousands) 2/
Imports for consumption:			
Manganese oxides other than dioxide	48	\$107	Norway 20; \$15
Sulfates, basket category, including manganese sulfate	2,600	1,550	Mexico 1,940; \$930
Potassium permanganate	85	138	Czech Republic 54; \$104
Manganites, manganates, and other permanganates	--	--	--
Exports:			
Manganese dioxide	358	353	Canada 177; \$73
Manganese oxides other than dioxide	789	651	Canada 375; \$146
Sulfates, basket category, including manganese sulfate	1,630	811	Canada 1,420; \$547
Potassium permanganate	104	215	Canada 31; \$61
Manganites, manganates, and other permanganates	(3/)	7	France (3/); \$7

-- Zero.

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

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

3/ Less than 1/2 unit.

Source: Bureau of the Census.