

# Mineral Industry Surveys

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## IRON ORE IN AUGUST 2003

U.S. mine production of iron ore in August 2003, on a daily average basis, was 1% higher than that of the prior month, according to the U.S. Geological Survey. Average daily production was 127 thousand metric tons per day (t/d), compared with 126 thousand t/d in July. Production in August 2002 was 148 thousand t/d. Shipments decreased by 3% compared with those of the previous month. Mine stocks at the

end of the month were 6% lower than at the end of the previous month.

**Note**

All data in this report have been rounded to no more than three significant digits. Totals and percentages were calculated by using unrounded data.

TABLE 1  
U.S. PRODUCTION AND SHIPMENTS OF IRON ORE<sup>1,2</sup>  
(Exclusive of ore containing 5% or more of manganese)

(Thousand metric tons)

Period	Production		Shipments	
	Monthly	Year to date	Monthly	Year to date
2002:				
August	4,580	33,100	5,530	32,800
September	4,270	37,400	4,910	37,700
October	4,650	42,000	4,790	42,500
November	4,740	46,800	4,480	47,000
December	4,700	51,500	5,040	52,000
2003:				
January	4,310	4,310	2,880	2,880
February	4,290	8,610	1,140	4,030
March	4,080	12,700	1,810	5,830
April	4,230	16,900	4,790	10,600
May	4,010	20,900	5,340	16,000
June	3,740	24,700	4,840	20,800
July	3,920	28,600	4,450	25,200
August	3,950	32,500	4,330	29,600

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

<sup>2</sup>Excludes byproduct ores.

TABLE 2  
U.S. PRODUCTION, SHIPMENTS, AND STOCKS OF IRON ORE IN AUGUST<sup>1,2</sup>

(Thousand metric tons)

State	Production		Shipments <sup>3</sup>		Stocks <sup>4</sup>	
	2003	2002	2003	2002	2003	2002
Michigan	1,350	1,240	1,110	1,100	1,540	1,210
Minnesota	2,590	3,340	3,220	4,430	2,860	2,860
Total	3,950	4,580	4,330	5,530	6,160	4,080

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

<sup>2</sup>Excludes byproduct ore.

<sup>3</sup>Includes rail and vessel.

<sup>4</sup>Includes mines, plants, and loading docks.

TABLE 3  
CANADA: SHIPMENTS OF IRON ORE<sup>1</sup>

(Thousand dry metric tons)

Period	Newfoundland	Quebec	British	Total
			Columbia	
2002:				
July	2,290	1,020	7	3,320
August	1,770	940	9	2,720
September	1,970	1,250	7	3,220
October	2,040	1,180	8	3,220
November	2,100	1,390	7	3,500
December	1,100	1,020	5	2,120
Year total	18,900	11,900	91	30,800
2003:				
January	862	699	6	1,570
February	674	580	6	1,260
March	989	578	7	1,570
April	1,800	1,120	5	2,930
May	1,960	1,540	4	3,510
June	1,730	1,260	5 <sup>r</sup>	2,990
July	2,040	1,460	8	3,500

<sup>r</sup>Revised.

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

Source: Natural Resources Canada.

TABLE 4  
U.S. EXPORTS OF IRON ORE, BY COUNTRY OF DESTINATION AND TYPE<sup>1,2</sup>

(Thousand metric tons)

Country of destination and type	2003				
	1st quarter	2nd quarter	May	June	July
Canada	757	2,060	655	838	723
Mexico	3	(3)	(3)	(3)	(3)
Other	1	4	3	1	1
Total	761	2,070	658	839	724
Pellets	756	2,060	655	837	719
Other	5	6	3	2	5
Total	761	2,070	658	839	724

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

<sup>2</sup>Includes agglomerates.

<sup>3</sup>Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 5  
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE, BY COUNTRY AND TYPE<sup>1,2</sup>  
(Exclusive of ore containing 20% or more manganese)

Country of origin and type of product	2003					2002
	July		Year to date			January-July
	Thousand metric tons	Value <sup>3</sup> (thousand dollars)	Thousand metric tons	Value <sup>3</sup> (thousand dollars)	Value <sup>3</sup> (dollars per ton)	Thousand metric tons
Australia	--	--	128	1,110	8.63	375
Brazil	418	10,000	2,940	70,000	23.49	3,150
Canada	915	26,700	3,480	96,100	27.64	2,310
Chile	--	--	178	3,740	21.01	162
Norway	--	--	4	107	26.65	10
Peru	--	--	29	492	16.94	69
Other	4	166	55	435	7.91	161 <sup>r</sup>
Total	1,340	36,800	6,810	172,000	25.26 <sup>5</sup>	6,240
Concentrates	27	514	498	9,420	18.92	303
Coarse ores	--	--	24	627	25.86	3
Fine ores	201	3,370	1,260	19,500	15.52	2,090
Pellets	1,030	31,400	4,730	137,000	28.95	3,600
Briquettes	--	--	--	--	--	39
Other agglomerates	76	1,410	293	5,200	17.77	191
Roasted pyrites	4	166	7	344	48.47	7
Total	1,340	36,800	6,810	172,000	25.26 <sup>5</sup>	6,240

<sup>r</sup>Revised. -- Zero.

<sup>1</sup>Data, with the exception of the dollars per ton column, are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Includes agglomerates.

<sup>3</sup>Customs value. Excludes international freight and insurance charges.

<sup>5</sup>Weighted average calculated by dividing total value by total tonnage.

Source: U.S. Census Bureau.

TABLE 6  
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE IN JULY 2003<sup>1,2</sup>  
(Exclusive of ore containing 20% or more manganese)

(Thousand metric tons)

Country of origin	Type of product						Total
	Concentrates	Coarse ores	Fine ores	Pellets	Briquettes and other agglomerates	Roasted pyrites	
Brazil	--	--	201	218	--	--	418
Canada	27	--	1	812	76	--	915
Other	--	--	--	--	--	4	4
Total	27	--	201	1,030	76	4	1,340

-- Zero.

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

<sup>2</sup>Includes agglomerates.

Source: U.S. Census Bureau.

TABLE 7  
U.S. IMPORTS FOR CONSUMPTION OF PELLETS, BY COUNTRY<sup>1</sup>

Country of origin	2003					2002
	July		Year to date			January-July
	Thousand metric tons	Value <sup>2</sup> (thousand dollars)	Thousand metric tons	Value <sup>2</sup> (thousand dollars)	Value <sup>2</sup> (dollars per ton)	Thousand metric tons
Brazil	218	6,660	1,750	49,500	28.20	1,550
Canada	812	24,700	2,970	87,400	29.39	2,060
Total	1,030	31,400	4,730	137,000	28.95 <sup>3</sup>	3,600

<sup>1</sup>Data, with the exception of the dollars per ton column, are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Customs value. Excludes international freight and insurance charges.

<sup>3</sup>Weighted average calculated by dividing total value by total tonnage.

Source: U.S. Census Bureau.

TABLE 8  
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE,  
BY CUSTOMS DISTRICT<sup>1, 2</sup>  
(Exclusive of ore containing 20% or more manganese)

(Thousand metric tons)

Customs district	July	January-July	
	2003	2003	2002
Baltimore, MD (13)	373	2,040	2,650
Buffalo, NY (09)	1	3	1
Charleston, SC (16)	--	106	129
Chicago, IL (39)	80	452	400
Cleveland, OH (41)	476	1,680	477
Columbia - Snake, OR (29)	--	--	28
Detroit, MI (38)	50	99	164
Houston - Galveston, TX (53)	--	37	28
Laredo, TX (23)	--	--	11
Los Angeles, CA (27)	--	(3)	(3)
Miami, FL (52)	--	--	4
Mobile, AL (19)	--	63	272
New Orleans, LA (20)	353	2,300	2,020
Ogdensburg, NY (07)	--	1	--
Philadelphia, PA (11)	4	28	3
Providence, RI (05)	--	--	34
San Juan, PR (49)	--	--	10
Total	1,340	6,810	6,240

-- Zero.

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

<sup>2</sup>Includes agglomerates.

<sup>3</sup>Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 9  
 U.S. IMPORTS FOR CONSUMPTION OF PELLETS,  
 BY CUSTOMS DISTRICT<sup>1</sup>

(Thousand metric tons)

Customs district	July	January-July	
	2003	2003	2002
Baltimore, MD (13)	150	682	987
Charleston, SC (16)	--	105	129
Chicago, IL (39)	--	--	82
Cleveland, OH (41)	476	1,680	477
Detroit, MI (38)	50	99	141
Houston-Galveston, TX (53)	--	37	17
Laredo, TX (23)	--	--	11
Mobile, AL (19)	--	59	240
New Orleans, LA (20)	353	2,070	1,520
Total	1,030	4,730	3,600

-- Zero.

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

Source: U.S. Census Bureau.