



Mineral Industry Surveys

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IRON ORE IN APRIL 2002

U.S. mine production of iron ore in April 2002, on a daily average basis, was 8% higher than that of the prior month, according to the U.S. Geological Survey. Shipments increased by 105%, and mine stocks decreased by 3%. Consumption and trade data for April 2002 will be included in a subsequent

issue.

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 1/
(Exclusive of ore containing 5% or more of manganese)

(Thousand metric tons)

Period	Production		Shipments	
	Monthly	Year to date	Monthly	Year to date
2001:				
April	4,320	15,800	5,750	11,700
May	4,350	20,100	6,040	17,700
June	3,120	23,200	5,310	23,000
July	3,610	26,800	5,290	28,300
August	4,350	31,200	5,420	33,700
September	4,520	35,700	4,820	38,500
October	4,160	39,900	4,850	43,400
November	3,430	43,300	4,290	47,700
December	2,760	46,100	3,740	51,400
2002:				
January	3,700	3,700	2,530	2,530
February	3,200	6,890	1,360	3,890
March	3,660	10,600	2,200	6,090
April	3,840	14,400	4,360	10,400

1/ Excludes byproduct ore.

TABLE 2
U.S. PRODUCTION, SHIPMENTS, AND STOCKS OF IRON ORE IN APRIL 1/ 2/

(Thousand metric tons)

District	Production		Shipments 3/		Stocks 4/	
	2002	2001	2002	2001	2002	2001
Lake Superior:						
Michigan	851	1,400	1,160	1,430	1,810	4,840
Minnesota	2,990	2,920	3,200	4,330	5,940	8,410
Total	3,840	4,320	4,360	5,750	7,740	13,200

1/ Excludes byproduct ore.

2/ Data may not add to totals shown because of independent rounding.

3/ Includes rail and vessel.

4/ Includes mines, plants, and loading docks.

TABLE 3
CANADA: SHIPMENTS OF IRON ORE 1/

(Thousand dry metric tons)

Period	Newfoundland	Quebec	British Columbia	Total
2001:				
March	1,090	--	5	1,100
April	1,410	--	5	1,410
May	2,080	785	8	2,880
June	1,480	995	7	2,480
July	1,790	1,280	6	3,070
August	1,380	1,270	6	2,650
September	1,130	1,160	6	2,300
October	2,060	1,060	7	3,120
November	1,670	1,140	6	2,810
December	1,390	756	5	2,150
Year total	17,300	9,560	72	27,000
2002:				
January	782	630	10	1,420
February	355	699	10	1,060
March	1,060	771	5	1,840

-- Zero.

1/ Data may not add to totals shown because of independent rounding.

Source: Natural Resources Canada.

TABLE 4
CONSUMPTION AND STOCKS OF IRON ORE AND
BLAST FURNACE PRODUCTION OF HOT METAL AT U.S. IRON AND STEEL PLANTS 1/ 2/

(Thousand metric tons)

Consumption by source	Consumption of ores and agglomerates			
	March		January-March	
	2002	2001	2002	2001
United States ores	4,140	5,040	11,800	13,300
Canadian ores	263	347	808	1,080
Foreign ores	596	596	1,630	1,680
Total	5,000	5,990	14,200	16,100
Consumption by process	March		January-March	
Blast furnaces	4,550	5,560	12,900	14,800
Steel furnaces	4	2	13	6
Agglomerating plants 3/	450	426	1,310	1,230
Miscellaneous 4/	--	--	2	--
Total	5,000	5,990	14,200	16,100
Stocks of ores and agglomerates, March 31				
Storage point	2002	2001		
Furnace yards	5,080	8,520		
Receiving/transfer docks	1,320	1,350		
Total consumer	6,390	9,870		
Hot metal and pig iron produced in blast furnaces	Blast furnace production of hot metal			
	March		January-March	
	2002	2001	2002	2001
	3,280	3,860	9,450	10,600
No. of blast furnaces operating on the last day of the month	27	33	XX	XX

XX Not applicable. -- Zero.

1/ Includes agglomerates.

2/ Data may not add to totals shown because of independent rounding.

3/ Iron ore and iron ore concentrates consumed in agglomerating plants not located at the mine or plant site.

4/ Sold to nonreporting companies or used for purposes not listed.

Sources: American Iron Ore Association (consumption of iron ore) and American Iron and Steel Institute (production of hot metal and pig iron).

TABLE 5
U.S. EXPORTS OF IRON ORE, BY COUNTRY OF DESTINATION AND TYPE 1/ 2/

(Thousand metric tons)

Country of destination and type	2001	2002			
	4th quarter	January	February	March	1st quarter
Canada	1,370	451	151	136	738
Mexico	(3/)	(3/)	(3/)	(3/)	(3/)
Other	2	1	(3/)	(3/)	1
Total	1,370	452	151	136	739
Pellets	1,340	451	150	135	736
Other	29	1	1	1	3
Total	1,370	452	151	136	739

1/ Includes agglomerates.

2/ Data may not add to totals shown because of independent rounding.

3/ Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 6
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE, BY COUNTRY AND TYPE 1/ 2/
(Exclusive of ore containing 20% or more manganese)

Country of origin and type of product	2002					2001
	March		Year to date			January-March
	Thousand metric tons	Value 3/ (thousand dollars)	Thousand metric tons	Value 3/ (thousand dollars)	Value 3/ (dollars per ton)	Thousand metric tons
Australia	--	--	67	1,060	15.73	197
Brazil	602	14,800	1,190	28,000	23.63	1,420
Canada	223	6,920	364	11,200	30.88	381
Chile	59	1,270	59	1,270	21.55	16
Norway	--	--	6	149	24.78	2
Peru	--	--	(4/)	9	4,500.00	(4/)
Sweden	--	--	--	--	--	(4/)
Other	23	471	63	2,860	45.17	111 r/
Total	907	23,500	1,740	44,600	25.56 5/	2,120
Concentrates	59	1,270	59	1,270	21.55	--
Coarse ores	--	--	--	--	--	3
Fine ores	234	4,000	540	9,270	17.15	1,440
Pellets	613	18,200	1,050	30,700	29.36	566
Briquettes	--	--	28	2,090	76.00	24
Other agglomerates	--	--	67	1,060	15.73	84
Roasted pyrites	--	--	3	167	53.95	4
Total	907	23,500	1,740	44,600	25.56 5/	2,120

r/ Revised. -- Zero.

1/ Includes agglomerates.

2/ Data may not add to totals shown because of independent rounding.

3/ Customs value. Excludes international freight, insurance, and other c.i.f. charges.

4/ Less than 1/2 unit.

5/ Weighted average calculated by dividing total value by total tonnage.

Source: U.S. Census Bureau.

TABLE 7
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE IN MARCH 2002 1/ 2/
(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	--	--	211	391	--	--	602
Canada	--	--	--	223	--	--	223
Other	59	--	23	--	--	--	82
Total	59	--	234	613	--	--	907

-- Zero.

1/ Includes agglomerates.

2/ Data may not add to totals shown because of independent rounding.

Source: U.S. Census Bureau.

TABLE 8
U.S. IMPORTS FOR CONSUMPTION OF PELLETS, BY COUNTRY 1/

Country of origin	2002					2001
	March		Year to date			March Thousand metric tons
	Thousand metric tons	Value 2/ (thousand dollars)	Thousand metric tons	Value 2/ (thousand dollars)	Value 2/ (dollars per ton)	
Brazil	391	11,300	683	19,500	28.55	173
Canada	223	6,920	364	11,200	30.88	313
Other	--	--	--	--	--	80
Total	614	18,200	1,050	30,700	29.36 3/	566

-- Zero.

1/ Data may not add to totals shown because of independent rounding.

2/ Customs value. Excludes international freight, insurance, and other c.i.f. charges.

3/ Weighted average calculated by dividing total value by total tonnage.

Source: U.S. Census Bureau.

TABLE 9
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE,
BY CUSTOMS DISTRICT 1/ 2/
(Exclusive of ore containing 20% or more manganese)

(Thousand metric tons)

Customs district	March	January-March	
	2002	2002	2001
Baltimore, MD (13)	410	836	833
Charleston, SC (16)	24	24	--
Chicago, IL (39)	--	--	91
Columbia - Snake, OR (29)	--	28	--
Detroit, MI (38)	--	--	26
Houston - Galveston, TX (53)	17	17	33
Laredo, TX (23)	11	11	17
Los Angeles, CA (27)	--	(3/)	--
Miami, FL (52)	--	(3/)	--
Mobile, AL (19)	--	6	106
New Orleans, LA (20)	445	809	1,010
Philadelphia, PA (11)	--	3	4
San Juan, PR (49)	--	10	--
Total	907	1,740	2,120

-- Zero.

1/ Includes agglomerates.

2/ Data may not add to totals shown because of independent rounding

3/ Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 10
U.S. IMPORTS FOR CONSUMPTION OF PELLETS,
BY CUSTOMS DISTRICT 1/

(Thousand metric tons)

Customs district	March	January-March	
	2002	2002	2001
Baltimore, MD (13)	199	339	271
Charleston, SC (16)	24	24	--
Chicago, IL (39)	--	--	16
Detroit, MI (38)	--	--	26
Houston-Galveston, TX (53)	17	17	16
Laredo, TX (23)	11	11	17
Mobile, AL (19)	--	--	80
New Orleans, LA (20)	363	655	140
Total	613	1,050	566

--Zero.

1/ Data may not add to totals shown because of independent rounding

Source: U.S. Census Bureau.