



# Mineral Industry Surveys

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## IRON ORE IN AUGUST 2001

U.S. mine production of iron ore in August 2001 was 21% higher than that of the prior month, according to the U.S. Geological Survey. Shipments increased by 3%, and mine

stocks decreased by 14%. Consumption and trade data for August 2001 will be included in a subsequent issue.

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
2000:				
August	5,843	42,673	6,048	38,351
September	5,392	48,065	5,509	43,860
October	5,037	53,102	5,568	49,428
November	4,811	57,913	5,203	54,630
December	5,071	62,983	5,052	59,682
2001:				
January	4,023	4,023	2,457	2,457
February	3,423	7,446	959	3,415
March	3,996	11,442	2,492	5,907
April	4,318	15,761	5,751	11,658
May	4,348	20,109	6,037	17,695
June	3,115	23,224	5,306	23,001
July	3,610	26,834	5,290 r/	28,291 r/
August	4,352	31,187	5,423	33,715

r/ Revised

1/ Excludes byproduct ore.

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

(Thousand metric tons)

District	Production		Shipments 3/		Stocks 4/	
	2001	2000	2001	2000	2001	2000
Lake Superior:						
Michigan	1,055	1,451	1,500	1,330	2,445	3,509
Minnesota	3,297	4,392	3,924	4,718	3,922	6,634
Total	4,352	5,843	5,423	6,048	6,367	10,143

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	
2000:				
July	2,568	1,478	8	4,054
August	2,160	1,006	7	3,174
September	2,153	1,299	8	3,460
October	1,727	1,291	10	3,029
November	2,226	1,297	10	3,533
December	1,174	1,032	7	2,213
Year total	21,092	14,057	98	35,247
2001:				
January	979	633	8	1,619
February	879	485	5	1,368
March	1,094	--	5	1,099
April	1,408	--	5	1,413
May	2,083	785	8	2,875
June	1,478 r/	995	7	2,480 r/
July	1,786 r/	1,279	6	3,071 r/

-- 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			
	July		January-July	
	2001	2000	2001	2000
United States ores	4,389	4,754	31,255	35,133
Canadian ores	389	568	2,567	4,212
Foreign ores	505	584	3,924	4,076
Total	5,283	5,906	37,745	43,421
Consumption by process	Consumption of ores and agglomerates			
	July 31		January-July	
	2001	2000	2001	2000
Blast furnaces	4,879	5,344	34,830	39,564
Steel furnaces	3	5	16	33
Agglomerating plants 3/	401	557	2,899	3,824
Miscellaneous 4/	--	--	--	--
Total	5,283	5,906	37,745	43,421
Storage point	Stocks of ores and agglomerates			
	July 31		January-July	
	2001	2000	2001	2000
Furnace yards	11,488	12,607		
Receiving/transfer docks	1,800	2,028		
Total consumer	13,289	14,635		
Hot metal and pig iron produced in blast furnaces	Blast furnace production of hot metal			
	July		January-July	
	2001	2000	2001	2000
Hot metal and pig iron produced in blast furnaces	3,673	4,041	25,746	29,529
No. of blast furnaces operating on the last day of the month	33	34	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				
	1st quarter	2nd quarter	May	June	July
Canada	776	1,715	571	560	434
Mexico	1	1	(3/)	(3/)	--
Other	41	4	2	2	(3/)
Total	818	1,721	573	562	434
Pellets	814	1,699	562	555	409
Other	4	22	11	7	25
Total	818	1,721	573	562	434

-- 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 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	2001					2000
	July		January- July			January-July
	Thousand metric tons	Value 3/ (thousand dollars)	Thousand metric tons	Value 3/ (thousand dollars)	Value 3/ (dollars per ton)	Thousand metric tons
Australia	65	573	384	3,202	8.33	377
Brazil	332	7,677	2,574	64,204	24.94	3,962
Canada	735	21,225	2,575	74,792	29.04	4,614
Chile	117	3,051	320	8,297	25.92	57
Norway	--	--	2	61	38.00	11
Venezuela	--	--	64	4,471	69.86	290
Other	37	3,611	305	19,337	62.92	281 r/
Total	1,285	36,138	6,228	174,368	28.00 4/	9,593
Concentrates 5/	71	1,565	231	4,672	20.26	131
Coarse ores	--	--	25	641	25.70	3
Fine ores	321	5,979	2,853	62,715	21.98	2,697
Pellets	816	27,190	2,840	96,735	34.07	6,386
Briquettes	--	--	42	3,973	94.80	--
Other agglomerates	73	1,295	231	5,324	23.01	373
Roasted pyrites 5/	3	109	7	308	43.43	3
Total	1,285	36,138	6,228	174,368	28.00 4/	9,593

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

5/ These data have been referred to the U.S. Census Bureau for verification.

Source: U.S. Census Bureau.

TABLE 7  
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE IN JULY 2001 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	
Australia	--	--	65	--	--	--	65
Brazil	71	--	112	148	--	--	332
Canada	--	--	27	635	73	--	735
Chile	--	--	117	--	--	--	117
Other	--	--	1	33	--	3	37
Total	71	--	321	816	73	3	1,285

-- 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	2001					2000
	July		January-July			January-July
	Thousand metric tons	Value 2/ (thousand dollars)	Thousand metric tons	Value 2/ (thousand dollars)	Value 2/ (dollars per ton)	Thousand metric tons
Brazil	148	4,241	467	13,592	29.10	1,715
Canada	635	19,461	2,091	64,499	30.85	4,134
Venezuela	--	--	--	--	--	290
Other	33	3,488	282	18,643	66.16	247
Total	816	27,190	2,840	96,735	34.07 3/	6,386

-- 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	July	January-July	
	2001	2001	2000
Baltimore, MD (13)	507	2,230	2,328
Charleston, SC (16)	--	18	97
Chicago, IL (39)	220	817	820
Cleveland, OH (41)	81	240	457
Detroit, MI (38)	175	558	762
Houston - Galveston, TX (53)	--	48	31
Laredo, TX (23)	--	17	5
Mobile, AL (19)	105	567	2,867
New Orleans, LA (20)	148	1,621	2,159
New York City, NY (10)	--	--	(3/)
Nogales, AZ (26)	--	--	8
Philadelphia, PA (11)	3	29	58
Tampa, FL (18)	44	82	--
Total	1,285	6,228	9,593

-- 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	July	January-July	
	2001	2001	2000
Baltimore, MD (13)	212	728	832
Charleston, SC (16)	--	--	97
Chicago, IL (39)	167	504	505
Cleveland, OH (41)	81	240	336
Detroit, MI (38)	175	558	740
Houston - Galveston, TX (53)	--	16	31
Laredo, TX (23)	--	17	--
Mobile, AL (19)	33	342	2,761
New Orleans, LA (20)	148	434	1,084
Total	816	2,840	6,386

-- Zero.

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

Source: U.S. Census Bureau.