

Mineral Industry Surveys

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IRON ORE IN AUGUST 2000

U.S. mine production of iron ore in August 2000 was 5% higher than that of the prior month, according to the U.S. Geological Survey. Shipments decreased by 7% and mine stocks increased by

2%. Consumption and trade data for August 2000 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
1999:				
August	3,872	39,111	5,572	35,531
September	3,334	42,445	5,380	40,911
October	4,439	46,884	5,298	46,209
November	5,231	52,115	5,616	51,825
December	5,295	57,410	6,046	57,871
2000:				
January	4,955	4,955	3,822	3,822
February	4,986	9,940	962	4,784
March	5,028	14,968	2,846	7,630
April	5,010	19,978	5,978	13,607
May	5,637	25,615	6,347	19,954
June	5,638	31,253	5,881	25,835
July	5,577	36,830	6,468	32,303
August	5,843	42,673	5,993	38,296

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/	
	2000	1999	2000	1999	2000	1999
Lake Superior:						
Michigan	1,451	700	1,330	1,091	3,509	4,284
Minnesota	4,392	3,172	4,663	4,481	6,688	5,323
Total	5,843	3,872	5,993	5,572	10,198	9,607

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
1999:				
July	2,102	1,266	6	3,373
August	1,164	1,390	6	2,561
September	2,636	1,150	8	3,794
October	1,717	1,623	7	3,347
November	2,485	1,387	9	3,881
December	1,515	1,468	8	2,991
Year total	18,112	15,036	85	33,232
2000:				
January	857	1,131	9	1,997
February	1,475	716	7	2,197
March	726	1,022	7	1,756
April	1,785	1,122	9	2,915
May	2,535	1,333	9	3,877
June	1,704	1,330	8	3,042
July	2,089	1,478	8	3,575

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	
	2000	1999	2000	1999
U.S. ores	4,754	4,854	35,133	32,578
Canadian ores	568	370	4,212	3,040
Foreign ores	584	314	4,076	2,906
Total	5,906	5,537	43,421	38,523
Consumption by process				
Blast furnaces	5,344	5,207	39,564	35,212
Steel furnaces	5	1	33	30
Agglomerating plants 3/	557	329	3,824	3,279
Miscellaneous 4/	--	--	--	2
Total	5,906	5,537	43,421	38,523
Stocks of ores and agglomerates				
July 31				
Storage point	2000	1999		
Furnace yards	12,607	14,284		
Receiving/transfer docks	2,028	3,267		
Total consumer	14,635	17,550		
Blast furnace production of hot metal				
Hot metal and pig iron produced in blast furnaces	July		January-July	
	2000	1999	2000	1999
	4,041	3,814	29,529	26,257
No. of blast furnaces operating on the last day of the month	34	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	2000				
	1st quarter	2nd quarter	May	June	July
Canada	724	1,862	753	651	731
Mexico	(3/)	3	1	2	--
Other	9	(3/)	(3/)	1	2
Total	734	1,865	754	654	733
Pellets	722	1,794	706	645	623
Other	12	71	49	9	110
Total	734	1,865	754	654	733

-- 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	2000					1999
	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	74	548	377	3,247	8.60	423
Bahamas, The	--	--	--	--	--	214
Brazil	689	17,550	3,962	103,184	26.04	2,533
Canada	865	25,407	4,614	140,599	30.47	2,609
Chile	57	1,141	57	1,141	20.00	--
Finland	--	--	5	220	40.77	7
Italy	--	--	--	--	--	(4/)
Mexico	2	34	8	144	17.96	7
Norway	5	136	11	318	28.76	--
Peru	(4/)	10	26	395	15.43	40
Spain	--	--	20	400	20.30	(4/)
Sweden	--	--	198	6,194	31.36	155
United Kingdom	--	--	(4/)	3	40.00	(4/)
Venezuela	--	--	290	9,049	31.25	262
Other 5/	--	--	25	2,282	90.96	--
Total	1,691	44,828	9,593	267,176	27.85 6/	6,250
Concentrates	87	1,772	131	2,584	19.65	500
Coarse ore	--	--	3	104	34.97	296
Fine ores	588	11,251	2,697	53,114	19.69	1,840
Pellets	922	29,461	6,386	202,093	31.65	3,071
Briquettes	--	--	--	--	--	195
Other agglomerates	94	2,333	373	9,133	24.47	342
Roasted pyrites	(4/)	10	3	148	50.10	7
Total	1,691	44,828	9,593	267,176	27.85 6/	6,250

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

6/ 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 JULY 2000
(Exclusive of ore containing 20% or more manganese) 1/ 2/

(Thousand metric tons)

Country of origin	Type of product						Total
	Concentrates	Coarse ores	Fine ores	Pellets	Briquettes and other agglomerates	Roasted pyrites	
Australia	--	--	74	--	--	--	74
Brazil	--	--	430	258	--	--	688
Canada	30	--	79	664	92	--	865
Chile	57	--	--	--	--	--	57
Mexico	--	--	--	--	2	--	2
Norway	--	--	5	--	--	--	5
Peru	--	--	--	--	--	(3/)	(3/)
Total	87	--	588	922	94	(3/)	1,691

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

Country of origin	2000					1999
	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
Australia	--	--	--	--	--	7
Brazil	258	8,319	1,715	52,588	30.68	723
Canada	664	21,142	4,134	131,634	31.84	2,173
Peru	--	--	25	362	14.47	--
Sweden	--	--	197	6,176	31.34	101
Trinidad and Tobago 3/	--	--	25	2,282	90.96	--
Venezuela	--	--	290	9,049	31.25	67
Total	922	29,461	6,386	202,093	31.65 4/	3,071

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

4/ 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	
	2000	2000	1999
Baltimore, MD (13)	365	2,328	1,444
Buffalo, NY (09)	--	--	(3/)
Charleston, SC (16)	--	97	253
Chicago, IL (39)	342	820	953
Cleveland, OH (41)	147	457	279
Detroit, MI (38)	123	762	414
Houston - Galveston, TX (53)	--	31	45
Laredo, TX (23)	--	5	16
Los Angeles, CA (27)	(3/)	(3/)	(3/)
Miami, FL (52)	--	--	(3/)
Mobile, AL (19)	297	2,867	929
New Orleans, LA (20)	414	2,159	1,850
New York City, NY (10)	--	(3/)	--
Nogales, AZ (26)	2	8	7
Philadelphia, PA (11)	--	58	60
Total	1,691	9,593	6,250

-- 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	
	2000	2000	1999
Baltimore, MD (13)	158	832	430
Charleston, SC (16)	--	97	148
Chicago, IL (39)	130	505	453
Cleveland, OH (41)	106	336	227
Detroit, MI (38)	100	740	413
Houston - Galveston, TX (53)	--	31	45
Laredo, TX (23)	--	--	16
Mobile, AL (19)	288	2,761	923
New Orleans, LA (20)	139	1,084	416
Total	922	6,386	3,071

-- Zero.

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

Source: U.S. Census Bureau.