



Mineral Industry Surveys

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IRON ORE IN JANUARY 2002

U.S. mine production of iron ore in January 2002 was 34% higher than that of the prior month, according to the U.S. Geological Survey. Shipments decreased by 33%, and mine

stocks increased by 31%. Consumption and trade data for January 2002 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
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	28,291
August	4,352	31,187	5,423	33,715
September	4,523	35,710	4,822	38,536
October	4,163	39,873	4,849	43,386
November	3,425	43,298	4,294	47,680
December	2,758	46,056	3,744	51,424
2002:				
January	3,698	3,698	2,527	2,527

1/ Excludes byproduct ore.

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

(Thousand metric tons)

District	Production		Shipments 3/		Stocks 4/	
	2002	2001	2002	2001	2002	2001
Lake Superior:						
Michigan	476	1,204	624	825	1,435	3,123
Minnesota	3,222	2,819	1,903	1,631	3,540	7,589
Total	3,698	4,023	2,527	2,457	4,975	10,712

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:				
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	995	7	2,480
July	1,786	1,279	6	3,071
August	1,375	1,267	6	2,647
September	1,134	1,164	6	2,304
October	2,055	1,058	7	3,120
November	1,665	1,140	6	2,811
December	1,393	756	7	2,156
Year total	17,328	9,560	74	26,963

-- 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			
	December		January-December	
	2001	2000	2001	2000
United States ores	3,286	4,233	51,391	57,874
Canadian ores	277	375	4,164	6,259
Foreign ores	443	446	6,314	6,523
Total	4,006	5,054	61,868	70,656
Consumption by process	Consumption of ores and agglomerates			
Blast furnaces	3,667	4,646	57,275	64,416
Steel furnaces	3	3	35	49
Agglomerating plants 3/	336	404	4,559	6,191
Miscellaneous 4/	--	--	--	--
Total	4,006	5,054	61,868	70,656
Storage point	Stocks of ores and agglomerates			
	December 31			
	2001	2000		
Furnace yards	12,279	16,773		
Receiving/transfer docks	1,955	2,860		
Total consumer	14,234	19,633		
Hot metal and pig iron produced in blast furnaces	Blast furnace production of hot metal			
	December		January-December	
	2001	2000	2001	2000
Hot metal and pig iron produced in blast furnaces	2,690	3,430	42,116	47,888 r/
No. of blast furnaces operating on the last day of the month	27	33	XX	XX

r/ Revised. 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	3rd quarter	November	December
Canada	776	1,715	1694	534	323
Mexico	1	1	(3/)	(3/)	(3/)
Other	41	4	1	1	1
Total	818	1,721	1695	535	324
Pellets	814	1,699	1632	534	323
Other	4	22	63	1	1
Total	818	1,721	1695	535	324

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
	December		January-December			January-December
	Thousand metric tons	Value 3/ (thousand dollars)	Thousand metric tons	Value 3/ (thousand dollars)	Value 3/ (dollars per ton)	Thousand metric tons
Australia	67	536	576	4,843	8.41	755
Brazil	369	9,874	4,260	104,110	24.44	6,085
Canada	292	8,143	4,527	133,396	29.47	7,991
Chile	115	2,523	711	17,365	24.41	135
Norway	--	--	26	713	27.87	11
Venezuela	--	--	87	6,499	74.72	349
Other	2	345	465	26,148	56.23	357 r/
Total	845	21,422	10,652	293,074	27.51 4/	15,683
Concentrates	117	2,853	598	13,173	22.02	311
Coarse ores	--	--	28	786	28.02	3
Fine ores	147	1,991	4,052	84,031	20.74	5,085
Pellets	507	15,392	5,504	180,699	32.83	9,667
Briquettes	--	--	65	6,001	92.48	--
Other agglomerates	73	1,171	397	8,054	20.27	611
Roasted pyrites	(5/)	15	7	330	44.28	6
Total	845	21,422	10,652	293,074	27.51 4/	15,683

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

5/ Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 7
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE IN DECEMBER 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	--	--	67	--	--	--	67
Brazil	--	--	81	288	--	--	369
Canada	--	--	--	219	73	--	292
Chile	115	--	--	--	--	--	115
Other	1	--	--	--	--	(3/)	1
Total	117	--	147	507	73	(3/)	845

-- 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	2001					2000
	December		January-December			January-December Thousand metric tons
	Thousand metric tons	Value 2/ (thousand dollars)	Thousand metric tons	Value 2/ (thousand dollars)	Value 2/ (dollars per ton)	
Brazil	288	8,420	1,364	39,273	28.80	2,056
Canada	219	6,972	3,807	119,147	31.30	7,002
Venezuela	--	--	--	--	--	349
Other	--	--	334	22,278	66.70	261 r/
Total	507	15,392	5,504	180,699	32.83 3/	9,667

r/ Revised. -- 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	December	January-December	
	2001	2001	2000
Baltimore, MD (13)	205	3,716	4,220
Charleston, SC (16)	26	94	202
Chicago, IL (39)	109	1,326	2,172
Cleveland, OH (41)	100	630	909
Detroit, MI (38)	--	905	1,484
Houston - Galveston, TX (53)	--	82	64
Laredo, TX (23)	--	17	5
Los Angeles, CA (27)	--	1	1
Mobile, AL (19)	--	673	3,394
New Orleans, LA (20)	405	2,944	3,105
New York City, NY (10)	--	(3/)	1
Nogales, AZ (26)	--	--	13
Philadelphia, PA (11)	--	80	114
San Diego, CA (25)	--	7	--
Savannah, GA (17)	--	24	--
Tampa, FL (18)	--	154	--
Total	845	10,652	15,683

-- 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	December	January-December	
	2001	2001	2000
Baltimore, MD (13)	65	1,357	1,650
Charleston, SC (16)	25	53	201
Chicago, IL (39)	29	802	1,113
Cleveland, OH (41)	100	630	762
Detroit, MI (38)	--	905	1,415
Houston - Galveston, TX (53)	--	50	64
Laredo, TX (23)	--	17	--
Mobile, AL (19)	--	370	3,289
New Orleans, LA (20)	288	1,297	1,175
Savannah, GA (17)	--	24	--
Total	507	5,504	9,667

-- Zero.

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

Source: U.S. Census Bureau.