



# Mineral Industry Surveys

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## **IRON ORE IN JUNE 2001**

U.S. mine production of iron ore in June 2001 was 28% lower than that of the prior month, according to the U.S. Geological Survey. Shipments decreased by 12% and mine

stocks decreased by 19%. Consumption and trade data for June 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
<b>2000:</b>				
June	5,638	31,253	5,881	25,835
July	5,577	36,830	6,468	32,303
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
<b>2001:</b>				
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

1/ Excludes byproduct ore.

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

(Thousand metric tons)

District	Production		Shipments 3/		Stocks 4/	
	2001	2000	2001	2000	2001	2000
<b>Lake Superior:</b>						
Michigan	105	1,442	957	1,479	3,642	3,695
Minnesota	3,011	4,196	4,349	4,401	5,722	7,563
Total	3,115	5,638	5,306	5,881	9,364	11,258

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
<b>2000:</b>				
May	2,535	1,333	9	3,877
June	1,704	1,330	8	3,042
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
<b>2001:</b>				
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

-- 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			
	May		January-May	
	2001	2000	2001	2000
United States ores	4,666	5,423	22,521	25,432
Canadian ores	360	580	1,775	3,062
Foreign ores	644	619	2,921	2,897
<b>Total</b>	<b>5,671</b>	<b>6,622</b>	<b>27,218</b>	<b>31,391</b>
Consumption by process	Consumption of ores and agglomerates			
Blast furnaces	5,231	6,074	25,017	28,637
Steel furnaces	3	4	12	22
Agglomerating plants 3/	437	544	2,099	2,731
Miscellaneous 4/	--	--	--	--
<b>Total</b>	<b>5,671</b>	<b>6,622</b>	<b>27,218</b>	<b>31,391</b>
Storage point	Stocks of ores and agglomerates			
	May 31			
	2001	2000		
Furnace yards	10,126	10,504		
Receiving/transfer docks	1,844	2,020		
<b>Total consumer</b>	<b>11,970</b>	<b>12,524</b>		
Hot metal and pig iron produced in blast furnaces	May		January-May	
	2001	2000	2001	2000
	3,881	4,433	18,315	23,159
No. of blast furnaces operating on the last day of the month	35	35	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		2001			
	3rd quarter	4th quarter	1st quarter	March	April	May
Canada	2,086	1,452	776	118	585	571
Mexico	2	1	1	(3/)	1	(3/)
Other	2	6	41	2	(3/)	2
<b>Total</b>	<b>2,090</b>	<b>1,459</b>	<b>818</b>	<b>121</b>	<b>586</b>	<b>573</b>
Pellets	1,934	1,418	814	119	582	562
Other	156	41	4.373	2	4	11
<b>Total</b>	<b>2,090</b>	<b>1,459</b>	<b>818</b>	<b>121</b>	<b>586</b>	<b>573</b>

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
	May		January-May			January-May
	Thousand metric tons	Value 3/ (thousand dollars)	Thousand metric tons	Value 3/ (thousand dollars)	Value 3/ (dollars per ton)	Thousand metric tons
Australia	122	1,034	319	2,629	8.24	243
Brazil	411	11,129	1,893	49,034	25.90	2,808
Canada	569	15,312	1,261	35,993	28.54	2,696
Chile	93	2,329	154	4,037	26.21	--
Norway	--	--	2	61	30.50	7
Venezuela	40	2,096	64	4,471	69.86	229
Other	--	--	223	11,990	53.77	157
Total	1,235	31,900	3,916	108,224	27.64 4/	6,140
Concentrates	89	1,935	159	3,107	19.54	--
Coarse ores	22	498	25	641	25.64	3
Fine ores	614	13,853	2,262	51,931	22.96	1,836
Pellets	418	12,767	1,265	44,343	35.05	4,049
Briquettes	18	1,598	42	3,973	94.60	--
Other agglomerates	74	1,249	158	4,030	25.51	250
Roasted pyrites	--	--	4	199	49.62	2
Total	1,235	31,900	3,916	108,224	27.64 4/	6,140

-- 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.

Source: U.S. Census Bureau.

TABLE 7  
U.S. IMPORTS FOR CONSUMPTION OF IRON ORE IN MAY 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 3/	
Australia	--	--	122	--	--	--	122
Brazil	89	--	322	--	--	--	411
Canada	--	--	78	418	74	--	569
Chile	--	--	93	--	--	--	93
Other	--	22	--	--	18	--	40
Total	89	22	614	418	92	--	1,235

-- Zero.

1/ Includes agglomerates.

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

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

Source: U.S. Census Bureau.

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

Country of origin	2001					2000
	May		January-May			January-May
	Thousand metric tons	Value 2/ (thousand dollars)	Thousand metric tons	Value 2/ (thousand dollars)	Value 2/ (dollars per ton)	Thousand metric tons
Brazil	--	--	173	5,230	30.23	1,203
Canada	418	12,767	876	27,464	31.35	2,469
Venezuela	--	--	--	--	--	229
Other	--	--	216	11,649	53.98	148
Total	418	12,767	1,265	44,343	35.05 3/	4,049

-- 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	May	January-May	
	2001	2001	2000
Baltimore, MD (13)	462	1,434	1,548
Charleston, SC (16)	18	18	25
Chicago, IL (39)	265	408	300
Cleveland, OH (41)	54	81	231
Detroit, MI (38)	96	216	433
Houston - Galveston, TX (53)	--	32,799	31
Laredo, TX (23)	--	16,953	5
Mobile, AL (19)	31	318	1,989
New Orleans, LA (20)	249	1,327	1,517
New York City, NY (10)	--	--	(3/)
Nogales, AZ (26)	--	--	4
Philadelphia, PA (11)	22	26	58
Tampa, FL (18)	37	37	--
Total	1,235	3,916	6,140

-- 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	May	January-May	
	2001	2001	2000
Baltimore, MD (13)	106	377	462
Charleston, SC (16)	--	--	25
Chicago, IL (39)	161	202	197
Cleveland, OH (41)	54	81	203
Detroit, MI (38)	96	216	433
Houston - Galveston, TX (53)	--	16	31
Laredo, TX (23)	--	17	--
Mobile, AL (19)	--	216	1,890
New Orleans, LA (20)	--	140	805
Total	418	1,270	4,050

-- Zero.

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

Source: U.S. Census Bureau.