



# Mineral Industry Surveys

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## **IRON ORE IN NOVEMBER 2001**

U.S. mine production of iron ore in November 2001 was 18% lower than that of the prior month, according to the U.S. Geological Survey. Shipments decreased by 12%, and mine

stocks decreased by 16%. Consumption and trade data for November 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>				
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
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

1/ Excludes byproduct ore.

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

(Thousand metric tons)

District	Production		Shipments 3/		Stocks 4/	
	2001	2000	2001	2000	2001	2000
<b>Lake Superior:</b>						
Michigan	1,201	844	1,263	1,374	2,460	2,914
Minnesota	2,224	3,967	3,031	3,829	2,329	6,213
Total	3,425	4,811	4,294	5,203	4,789	9,127

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>				
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
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

-- 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			
	October		January-October	
	2001	2000	2001	2000
United States ores	4,314	4,756	44,495	49,466
Canadian ores	332	390	3,652	5,559
Foreign ores	514	437	5,466	5,627
<b>Total</b>	<b>5,161</b>	<b>5,584</b>	<b>53,614</b>	<b>60,652</b>
Consumption by process				
Blast furnaces	4,833	5,088	49,616	55,242
Steel furnaces	3	3	29	44
Agglomerating plants 3/	324	493	3,970	5,365
Miscellaneous 4/	--	--	--	--
<b>Total</b>	<b>5,161</b>	<b>5,584</b>	<b>53,614</b>	<b>60,652</b>
Storage point	Stocks of ores and agglomerates			
	October 31			
	2001	2000		
Furnace yards	12,518	15,678		
Receiving/transfer docks	1,512	2,334		
<b>Total consumer</b>	<b>14,030</b>	<b>18,011</b>		
Hot metal and pig iron produced in blast furnaces	Blast furnace production of hot metal			
	October		January-October	
	2001	2000	2001	2000
Hot metal and pig iron produced in blast furnaces	3,481	3,754	36,521	41,136
No. of blast furnaces operating on the last day of the month	35	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	August	September	October
Canada	776	1,715	766	494	513
Mexico	1	1	(3/)	(3/)	(3/)
Other	41	4	(3/)	(3/)	(3/)
<b>Total</b>	<b>818</b>	<b>1,721</b>	<b>766</b>	<b>494</b>	<b>514</b>
Pellets	814	1,699	752	470	486
Other	4	22	14	24	27
<b>Total</b>	<b>818</b>	<b>1,721</b>	<b>766</b>	<b>494</b>	<b>514</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
	October		January-October			January-October
	Thousand metric tons	Value 3/ (thousand dollars)	Thousand metric tons	Value 3/ (thousand dollars)	Value 3/ (dollars per ton)	Thousand metric tons
Australia	64	568	509	4,306	8.45	675
Brazil	187	3,389	3,671	88,686	24.16	5,425
Canada	435	13,186	3,808	112,552	29.56	6,689
Chile	48	1,228	512	13,068	25.51	82
Norway	--	--	26	713	27.87	11
Venezuela	--	--	87	6,499	74.72	349
Other	12	162	421	24,577	58.28	342
Total	746	18,534	9,034	250,401	27.72 4/	13,572
Concentrates	--	--	408	8,877	21.77	184
Coarse ores	--	--	25	641	25.70	3
Fine ores	278	4,521	3,784	79,302	20.96	4,253
Pellets	429	13,317	4,475	149,245	33.35	8,628
Briquettes	--	--	65	6,001	92.48	--
Other agglomerates	39	695	271	6,020	22.24	499
Roasted pyrites	--	--	7	315	44.21	6
Total	746	18,534	9,034	250,401	27.72 4/	13,572

-- 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 OCTOBER 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	--	--	64	--	--	--	64
Brazil	--	--	154	33	--	--	187
Canada	--	--	--	396	39	--	435
Chile	--	--	48	--	--	--	48
Other	--	--	12	--	--	--	12
Total	--	--	278	429	39	--	746

-- 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
	October		January-October			January-October Thousand metric tons
	Thousand metric tons	Value 2/ (thousand dollars)	Thousand metric tons	Value 2/ (thousand dollars)	Value 2/ (dollars per ton)	
Brazil	33	826	927	26,630	28.74	2,023
Canada	396	12,491	3,214	100,337	31.21	6,009
Venezuela	--	--	--	--	--	349
Other	--	--	334	22,278	66.70	247
Total	429	13,317	4,475	149,245	33.35 3/	8,628

-- 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	October	January-October	
	2001	2001	2000
Baltimore, MD (13)	436	3,366	3,511
Charleston, SC (16)	--	41	97
Chicago, IL (39)	40	1,137	1,695
Cleveland, OH (41)	80	427	802
Detroit, MI (38)	97	832	1,227
Houston - Galveston, TX (53)	33	82	31
Laredo, TX (23)	--	17	5
Los Angeles, CA (27)	--	1	1
Mobile, AL (19)	26	663	3,394
New Orleans, LA (20)	12	2,216	2,682
New York City, NY (10)	--	(3/)	1
Nogales, AZ (26)	--	--	11
Philadelphia, PA (11)	--	80	114
San Diego, CA (25)	7	7	--
Savannah, GA (17)	--	24	--
Tampa, FL (18)	15	141	--
Total	746	9,034	13,572

-- 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	October	January-October	
	2001	2001	2000
Baltimore, MD (13)	178	1,200	1,291
Charleston, SC (16)	--	--	97
Chicago, IL (39)	40	694	900
Cleveland, OH (41)	80	427	655
Detroit, MI (38)	97	832	1,204
Houston - Galveston, TX (53)	33	50	31
Laredo, TX (23)	--	17	--
Mobile, AL (19)	--	370	3,289
New Orleans, LA (20)	--	860	1,162
Savannah, GA (17)	--	24	--
Total	429	4,475	8,628

-- Zero.

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

Source: U.S. Census Bureau.