



# Mineral Industry Surveys

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## **IRON ORE IN NOVEMBER 2000**

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

decreased by 4%. Consumption and trade data for November 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:				
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	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

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/	
	2000	1999	2000	1999	2000	1999
Lake Superior:						
Michigan	844	1,461	1,374	1,361	2,914	2,716
Minnesota	3,967	3,770	3,829	4,255	6,213	3,740
Total	4,811	5,231	5,203	5,616	9,127	6,456

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	Total
			Columbia	
1999:				
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	3,414	1,478	8	4,900
August	2,160	1,006	7	3,173
September	2,153	1,299	8	3,460
October	1,727	1,291	10	3,029

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	
	2000	1999	2000	1999
United States ores	4,757	4,823	49,466	47,114
Canadian ores	390	632	5,559	4,561
Foreign ores	437	482	5,627	4,251
<b>Total</b>	<b>5,584</b>	<b>5,937</b>	<b>60,652</b>	<b>55,926</b>
Consumption by process	October 31		January-October	
Blast furnaces	5,088	5,372	55,243	51,159
Steel furnaces	3	8	44	46
Agglomerating plants 3/	493	556	5,365	4,719
Miscellaneous 4/	--	--	--	2
<b>Total</b>	<b>5,584</b>	<b>5,937</b>	<b>60,652</b>	<b>55,926</b>
Storage point	October 31		January-October	
Furnace yards	15,678	16,036		
Receiving/transfer docks	2,334	2,645		
<b>Total consumer</b>	<b>18,011</b>	<b>18,681</b>		
Hot metal and pig iron produced in blast furnaces	Blast furnace production of hot metal			
	October		January-October	
	2000	1999	2000	1999
Hot metal and pig iron produced in blast furnaces	3,754	4,147	41,136	38,038
No. of blast furnaces operating on the last day of the month	34	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				
	1st quarter	2nd quarter	August	September	October
Canada	724	1,862	647	708	675
Mexico	(3/)	3	1	1	2
Other	9	(3/)	(3/)	--	2
<b>Total</b>	<b>734</b>	<b>1,865</b>	<b>648</b>	<b>709</b>	<b>679</b>
Pellets	722	1,794	633	678	643
Other	12	71	15	31	36
<b>Total</b>	<b>734</b>	<b>1,865</b>	<b>648</b>	<b>709</b>	<b>679</b>

-- 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
	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	170	1,327	675	5,525	8.18	525
Brazil	343	6,600	5,425	137,028	25.26	4,505
Canada	566	17,724	6,689	201,608	30.14	5,076
Chile	--	--	82	1,551	18.97	59
Mexico	--	--	11	204	17.83	9
Norway	--	--	11	318	28.76	--
Peru	--	--	26	407	15.50	63
Sweden	--	--	250	7,928	31.71	254
Venezuela	--	--	349	11,221	32.18	283
Other 5/	--	--	54	3,056	56.59	241
Total	1,080	25,662	13,572	368,848	27.18 6/	11,015
Concentrates	--	--	184	4,318	23.47	1,161
Coarse ore	--	--	3	104	34.97	318
Fine ores	453	5,986	4,253	80,901	19.02	2,851
Pellets	626	19,676	8,628	271,983	31.52	5,911
Briquettes	--	--	--	--	--	195
Other agglomerates	--	--	499	11,252	22.55	572
Roasted pyrites	--	--	6	289	48.64	7
Total	1,080	25,662	13,572	368,848	27.18 6/	11,015

-- 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 OCTOBER 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	--	--	170	--	--	--	170
Brazil	--	--	283	60	--	--	343
Canada	--	--	--	566	--	--	566
United Kingdom	--	--	1	--	--	--	1
Total	--	--	453	626	--	--	1,080

-- 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	2000					1999
	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)	
Australia	--	--	--	--	--	7
Brazil	60	1,952	2,023	62,674	30.98	1,429
Canada	566	17,724	6,009	189,267	31.50	4,209
Peru	--	--	25	362	14.47	--
Sweden	--	--	197	6,176	31.34	200
Trinidad and Tobago 3/	--	--	25	2,282	90.96	--
Venezuela	--	--	349	11,221	32.18	67
Total	626	19,676	8,628	271,983	31.52 4/	5,911

-- 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	October	January-October	
	2000	2000	1999
Baltimore, MD (13)	425	3,511	2,570
Buffalo, NY (09)	--	--	1
Charleston, SC (16)	--	97	336
Chicago, IL (39)	184	1,695	1,981
Cleveland, OH (41)	175	802	460
Detroit, MI (38)	104	1,227	887
Houston - Galveston, TX (53)	--	30,754	69
Laredo, TX (23)	--	5,176	16
Los Angeles, CA (27)	--	1	(3)
Miami, FL (52)	--	--	(3)
Mobile, AL (19)	120	3,394	1,728
New Orleans, LA (20)	71	2,682	2,862
New York City, NY (10)	1	1	--
Nogales, AZ (26)	--	11	9,172
Norfolk, VA (14)	--	--	15,651
Philadelphia, PA (11)	--	114	81
Total	1,080	13,572	11,015

-- 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	
	2000	2000	1999
Baltimore, MD (13)	150	1,291	967
Charleston, SC (16)	--	97	231
Chicago, IL (39)	77	900	932
Cleveland, OH (41)	175	655	299
Detroit, MI (38)	104	1,204	862
Houston - Galveston, TX (53)	--	31	45
Laredo, TX (23)	--	--	16
Mobile, AL (19)	120	3,289	1,721
New Orleans, LA (20)	--	1,162	837
Total	626	8,628	5,911

-- Zero.

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

Source: U.S. Census Bureau.