



MINERAL INDUSTRY SURVEYS

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON, D. C. 20240



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Iron Ore, Monthly

IRON ORE IN NOVEMBER 1968

Domestic iron ore production in November decreased compared with October, owing to the traditional seasonal decline in production, but was higher than in November of 1967, according to the Bureau of Mines, U.S. Department of the Interior. Although consumer stocks decreased 0.7 million tons compared to November 1967, total mine and consumer stocks increased 1.5 million tons.

Two major domestic steel companies were reportedly seeking Japanese capital to develop iron ore deposits in Alaska and Gabon. U.S. Steel proposed a joint venture with Japanese concerns to exploit its iron ore deposits at Klukwan, Alaska, if Japanese steel companies would guarantee to purchase all of the iron ore output. Bethlehem Steel Co. requested participation of Japanese concerns to join an international syndicate for development of the Mekambo iron ore deposits in Gabon. The Japanese share would be 10 percent of the \$200 - 300 million development cost.

Prepared February 3, 1969, in Mineral Resource Evaluation.

TABLE 1. - U.S. production and shipments of iron ore by districts
(Exclusive of ore containing 5 percent or more manganese)
(Thousand long tons)

	Lake Superior	South- eastern	North- eastern	Western	Byproduct ore	Total <u>1/</u>
Production:						
1967 -----	64,229	1,889	4,197	13,092	772	84,179
1968:						
1st quarter ----	10,585	492	1,084	3,597	189	15,947
2nd quarter ----	20,416	480	1,112	3,574	188	25,771
3rd quarter ----	22,238	448	920	3,302	163	27,071
October -----	5,335	162	270	1,098	54	6,918
November -----	3,750	146	314	985	60	5,255
Shipments:						
1967 -----	63,587	1,739	3,901	13,188	601	83,016
1968:						
1st quarter ----	1,053	441	922	3,619	149	6,184
2nd quarter ----	23,585	431	1,066	3,799	286	29,166
3rd quarter ----	26,313	425	793	3,201	177	30,908
October -----	6,964	135	260	1,030	29	8,418
November -----	4,550	118	273	952	36	5,929

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

TABLE 2. - U.S. mine production, shipments, and stocks of iron ore
(Exclusive of ore containing 5 percent or more manganese)
(Thousand long tons)

	Production November		Shipments November		Mine Stocks November 30	
	1968	1967	1968	1967	1968	1967
Lake Superior:						
Michigan -----	1,150	1,138	850	1,222	3,629	2,871
Minnesota -----	2,600	2,001	3,700	3,744	4,635	3,859
Southeastern:						
Alabama, Georgia -----	146	162	118	143	520	338
Northeastern:						
New York, Pennsylvania --	314	337	273	305	3,746	3,332
Western:						
California, Colorado, Missouri, Nevada, Texas, Utah, Wyoming --	985	1,061	952	1,057	665	709
Byproduct ore -----	60	66	36	31	361	361
Total ^{1/} -----	5,255	4,766	5,929	6,502	13,556	11,470

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

TABLE 3. - U.S. Exports of iron ore
(Thousand long tons)

	Canada	Japan	Other	Total <u>1/</u>
1967 -----	2,258	3,639	46	5,943
1968:				
1st quarter -----	9	1,029	12	1,051
2nd quarter -----	563	1,053	29	1,644
3rd quarter -----	931	653	1	1,585
October -----	416	227	55	698
November -----	250	272	<u>2/</u>	522

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

2/ Less than 500 long tons.

TABLE 4. - Canada: Shipments of iron ore
(Thousand long tons)

	Newfoundland	Quebec	Ontario	British Columbia	Total <u>1/</u>
1967 -----	14,729	12,832	7,689	1,941	37,191
1968:					
1st quarter ---	1,252	373	1,010	339	2,976
2nd quarter ---	6,104	4,685	2,819	582	14,191
3rd quarter ---	6,388	5,048	2,453	420	14,310
October -----	NA	NA	NA	NA	NA
November -----	NA	NA	NA	NA	NA

NA Not available.

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

Source: Dominion Bureau of Statistics, Bureau of Trade and Commerce.

TABLE 5. - U.S. imports for consumption of iron ore, by countries
(Exclusive of ore containing 10 percent or more manganese)

	November 1968			January - November 1968		
	Long tons	Value ^{1/}		Long tons	Value ^{1/}	
		Per ton	Total		Per ton	Total
Australia ----	-	-	-	131,442	\$ 10.53	\$ 1,383,973
Brazil -----	104,705	\$ 10.11	\$ 1,058,575	1,185,556	9.28	11,007,766
Canada -----	1,993,851	11.41	22,754,475	24,608,297	11.63	286,211,396
Chile -----	105,995	7.11	753,452	1,413,123	8.00	11,307,867
Denmark -----	-	-	-	463	25.73	11,914
France -----	-	-	-	151	40.08	6,052
Iran -----	-	-	-	496	34.29	17,010
Liberia -----	85,940	9.68	831,982	2,662,193	7.75	20,624,244
Norway -----	-	-	-	359,982	7.35	2,645,832
Peru -----	63,161	10.07	636,241	872,872	10.25	8,948,141
Sweden -----	14,996	10.46	156,845	231,660	11.27	2,609,682
Turkey -----	-	-	-	37	7.62	282
Venezuela ----	745,443	8.16	6,081,289	9,516,418	8.06	76,735,005
Total ---	3,114,091	\$ 10.36	\$ 32,272,859	40,982,690	\$ 10.29	\$ 421,509,164

^{1/} The market price of the merchandise in the principal market place of the foreign country at the time of exportation in terms of United States dollars, and excludes inland freight, ocean freight, and other charges incurred after the merchandise leaves the principal market place. This market price is either the market price of the export to the United States or the market price for domestic consumption, whichever is higher. Certain unusually high prices are believed paid for iron ore for use in paints or for research purposes.

TABLE 6. - U.S. consumption and stocks of iron ore and agglomerates at consuming plants and production of pig iron
(Long tons)

	Consumption		Stocks Nov. 30, 1968
	Nov. 1968	Year to date	
Beginning of month -----			<u>r/</u> 57,554,284
Alabama, Kentucky, Tennessee, Texas, Missouri -----	536,951	8,968,354	5,396,254
California, Colorado, Utah -----	539,202	6,862,593	778,395
Delaware, Maryland, West Virginia -----	866,484	10,221,119	3,049,550
Illinois, Indiana -----	1,913,514	23,658,628	13,432,420
Michigan, Minnesota -----	681,838	9,022,216	5,809,671
New York, Ohio, Pennsylvania, New Jersey, Rhode Island -----	3,819,576	52,232,821	28,467,390
Total -----	8,357,565	110,965,731	56,933,680

	Consumption by process		Pig Iron produced	
	Nov. 1968	Year to date	Nov. 1968	Year to date
Blast furnaces -----	5,558,028	76,532,487	5,552,062	72,999,529
Steel furnaces -----	227,945	3,584,192	-	-
Agglomerating plants <u>1/</u> -----	2,571,289	30,841,349	-	-
Miscellaneous <u>2/</u> -----	303	7,703	-	-
Total -----	8,357,565	110,965,731	5,552,062	72,999,529

r/ Revised.

1/ Iron ore and iron ore concentrates consumed in agglomerating plants not located at the mine site.

2/ Sold to nonreporting companies or used for purposes not listed.

Source: American Iron Ore Association.
American Iron and Steel Institute.