



MINERAL INDUSTRY SURVEYS



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

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Iron, Monthly

IRON ORE IN OCTOBER 1968

Domestic iron ore production was down for each producing district compared to October 1967, according to the Bureau of Mines, U.S. Department of the Interior. Monthend stocks at mines, docks, and consuming plants totaled 74.5 million long tons compared to 75.9 million tons in October 1967.

Unit trainloads of iron ore pellets (64 percent iron) were reported being shipped from the Pilot Knob Pellet Co. in southeastern Missouri to Granite City Steel Company in Illinois. The new facilities at Pilot Knob will have a capacity of about 1 million tons of pellets annually when in full operation.

Iron ore deposits discovered in Brazil by U.S. Steel Corp. may be developed by The Companhia Vale do Rio Doce (CVRD) and U.S. Steel's Brazilian subsidiary Companhia Meridional de Mineracao. The new deposits are reported to contain 50,000 million tons of hematite-magnetite ore with an iron content of 64-66 percent.

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
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

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

Prepared December 31, 1968, in Mineral Resource Evaluation.

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 October		Shipments October		Mine Stocks October 31	
	1968	1967	1968	1967	1968	1967
Lake Superior:						
Michigan -----	1,290	1,186	1,281	1,323	3,329	r 2,954
Minnesota -----	4,045	4,439	5,683	5,796	5,735	r 5,602
Southeastern:						
Alabama, Georgia -----	162	184	135	159	492	318
Northeastern:						
New Jersey, New York, Pennsylvania -----	270	355	260	329	3,705	3,301
Western:						
California, Colorado, Missouri, Nevada, Texas, Utah, Wyoming --	1,098	1,140	1,030	1,058	632	705
Byproduct ore -----	54	63	29	48	337	326
Total <u>1/</u> -----	6,918	7,367	8,418	8,714	14,230	r 13,206

r Revised.

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
July -----	213	286	r <u>2/</u>	499
August -----	348	144	<u>2/</u>	493
September -----	r 370	223	r <u>2/</u>	593
October -----	416	227	<u>55</u>	698

r Revised

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
July -----	1,823	1,288	879	164	4,154
August -----	2,622	1,773	850	136	5,381
September -----	1,943	1,987	724	120	4,775
October -----	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)

	October 1968			January - October 1968		
	Long tons	Value ^{1/}		Long tons	Value ^{1/}	
		Per ton	Total		Per ton	Total
Australia ----	100,166	10.48	1,049,861	131,442	10.53	1,383,973
Brazil -----	63,240	8.35	527,850	1,080,851	9.20	9,949,191
Canada -----	2,986,439	11.54	34,469,258	22,614,446	11.65	263,456,921
Chile -----	46,820	8.23	385,373	1,307,128	8.07	10,554,415
Denmark -----	-	-	-	463	25.73	11,914
France -----	151	40.08	6,052	151	40.08	6,052
Iran-----	-	-	-	496	34.29	17,010
Liberia-----	183,267	8.29	1,519,674	2,576,253	7.68	19,792,262
Norway -----	-	-	-	359,982	7.35	2,645,832
Peru -----	98,909	9.32	922,373	809,711	10.27	8,311,900
Sweden -----	19,004	10.19	193,588	216,664	11.32	2,452,837
Turkey -----	-	-	-	37	7.62	282
Venezuela ----	1,244,488	8.04	9,999,888	8,770,975	8.06	70,653,716
Total-----	4,742,484	10.35	49,073,917	37,868,599	10.28	389,236,305

^{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 Oct. 31, 1968
	Oct. 1968	Year to date	
Beginning of month -----			r 53,152,244
Alabama, Kentucky, Tennessee, Texas, Missouri -----	489,661	8,431,403	5,336,673
California, Colorado, Utah -----	573,253	6,323,391	771,676
Delaware, Maryland, West Virginia -----	763,988	9,354,635	3,152,227
Illinois, Indiana -----	1,721,979	21,745,114	13,546,363
Michigan, Minnesota -----	713,959	8,340,378	5,741,450
New York, Ohio, Pennsylvania, New Jersey, Rhode Island -----	3,535,081	48,413,245	29,005,894
Total -----	7,797,921	102,608,166	57,554,283

	Consumption by process		Pig iron produced	
	Oct. 1968	Year to date	Oct. 1968	Year to date
Blast furnaces -----	5,029,220	70,974,459	5,282,071	67,447,468
Steel furnaces -----	197,746	3,356,247	-	-
Agglomerating plants <u>1/</u> -----	2,570,013	28,270,060	-	-
Miscellaneous <u>2/</u> -----	942	7,400	-	-
Total -----	7,797,921	102,608,166	5,282,071	67,447,468

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.