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RESEARCH DATA GROUP
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MINERAL INDUSTRY SURVEYS

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



Walter J. Hickel, Secretary

Earl T. Hayes, Acting Director

For information call Frank L. Fisher
Telephone: 612-725-4533

Iron Ore, Monthly

IRON ORE IN APRIL 1970

Iron ore shipments increased in April, with the start of the Great Lakes shipping season, according to the Bureau of Mines, U.S. Department of the Interior. Shipments totaled 5.3 million long tons, an increase from the 2.3 million tons in March. Domestic production was 6.6 million tons, compared with 5.8 million tons in March. Mine stocks of marketable ore on April 30 were 23.6 million tons, an increase from the 22.3 million tons on March 31.

U.S. exports of iron ore in April were 339,000 long tons. Japan and Canada obtained the bulk of the exports, with Japan acquiring 74 percent of the total. U.S. imports for consumption in April totaled 2.9 million long tons, valued at \$30.6 million. Venezuela and Canada were the major suppliers, accounting for 40 percent and 39 percent of the total, respectively. The average declared value per ton was \$10.38.

Prepared in Twin Cities Mineral Supply Field Office, June 22, 1970.

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:						
1969 p/ ---	68,425	1,405	3,787	14,967	658	89,242
1970:						
1st Quarter	11,484	348	966	3,266	166	16,230
April ----	4,900	137	347	1,190	59	6,633
Shipments:						
1969 p/ ---	70,926	1,277	3,401	15,545	702	91,849
1970:						
1st Quarter	3,017	298	773	3,303	169	7,559
April ----	3,707	115	306	1,148	71	5,348

p/ Preliminary

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 April		Shipments April		Mine Stocks April 30	
	1970	1969	1970	1969	1970	1969
Lake Superior:						
Michigan -----	1,091	1,161	793	631	5,094	<u>r/</u> 7,862
Minnesota -----	3,747	3,024	2,858	2,678	12,460	<u>r/</u> 12,827
Wisconsin -----	62	---	56	---	14	---
Southeastern:						
Alabama, Georgia, North Carolina (1970)	137	131	115	122	726	631
Northeastern:						
New York, Pennsylvania	347	304	306	290	4,393	3,954
Western:						
California, Colorado, Missouri, Nevada, Texas, Utah, Wyoming	1,190	1,425	1,148	1,520	418	573
Byproduct ore -----	59	60	71	55	471	556
Total <u>1/</u> -----	6,633	6,104	5,348	5,297	23,576	<u>r/</u> 26,404

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>
1969 <u>p/</u> -----	2,084	3,018	66	5,168
1970:				
1st Quarter -----	5	840	1	846
April -----	85	252	1	339

p/ Preliminary

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

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

	Newfound- land	Quebec	Ontario	British Columbia	Total <u>1/</u>
1969 p/ -----	12,945	11,161	8,263	1,820	34,190
1970:					
January -----	1,361	194	320	98	1,973
February -----	679	289	350	103	1,422
March -----	NA	NA	NA	NA	NA
April -----	NA	NA	NA	NA	NA

p/ Preliminary. 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)

	April 1970			January - April 1970		
	Long tons	Value <u>1/</u>		Long tons	Value <u>1/</u>	
		Total	Per ton		Total	Per ton
Australia ----	---	---	---	249,224	\$2,948,101	\$11.83
Brazil -----	85,319	\$820,929	\$9.62	561,441	5,344,267	9.52
Canada -----	1,154,089	15,341,887	13.29	2,792,101	37,327,531	13.37
Chile -----	252,310	2,062,806	8.18	680,118	5,683,219	8.36
Denmark -----	---	---	---	297	12,282	41.35
Iran -----	---	---	---	250	10,167	40.67
Liberia -----	119,800	928,677	7.75	642,204	5,353,950	8.34
Libya -----	52,810	406,109	7.69	52,810	406,109	7.69
Mauritania ---	---	---	---	71,600	663,409	9.27
Peru -----	93,917	1,112,975	11.85	275,435	3,133,431	11.38
Philippines --	4,000	68,000	17.00	5,650	148,000	26.19
United Kingdom	---	---	---	38	5,133	135.08
Uruguay -----	---	---	---	24,084	216,756	9.00
Venezuela ----	1,181,958	9,812,974	8.30	4,020,080	33,096,702	8.23
Total ----	2,944,203	30,554,357	10.38	9,375,332	94,349,057	10.06

1/ The market price of the merchandise in the principal marketplace 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 marketplace. 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
	April 1970	Year to date	April 30, 1970
Beginning of month -----			r/ 32,587,000
Alabama, Kentucky, Tennessee, Texas, Missouri -----	979,653	3,776,523	3,722,164
California, Colorado, Utah ----	676,560	2,285,669	580,234
Delaware, Maryland, West Virginia -----	955,613	3,818,318	1,458,712
Illinois, Indiana -----	2,245,989	8,930,734	6,343,925
Michigan, Minnesota -----	752,922	3,308,395	3,053,696
New York, Ohio, Pennsylvania, New Jersey, Rhode Island ----	4,767,742	19,090,953	14,591,626
Total -----	10,378,479	41,210,592	29,750,357

	Consumption by process		Pig iron produced	
	April 1970	Year to date	April 1970	Year to date
Blast furnaces -----	7,527,498	30,084,915	6,955,583	27,301,371
Steel furnaces -----	236,928	878,659	---	---
Agglomerating plants 1/	2,613,414	10,236,026	---	---
Miscellaneous 2/ -----	639	10,992	---	---
Total -----	10,378,479	41,210,592	6,955,583	27,301,371

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.