



MINERAL INDUSTRY SURVEYS

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



Stewart L. Udall, Secretary

Walter R. Hibbard, Jr., Director

Iron Ore, Monthly

IRON ORE IN APRIL 1967

Iron ore production in April 1967 was down 9 percent from the corresponding period last year, and monthend mine stocks were up by 8 percent over April 1966, according to the Bureau of Mines, U.S. Department of the Interior.

Consumption of iron ore in blast furnaces for the year through April showed an increase of 1 percent over the first 4 months of 1966, and imports of iron ore for the first 4 months of 1967 increased by 0.75 million tons.

A recently published Bureau of Mines Report of Investigations 6966, covers a study made of iron ore resources in an area of the Appalachians. The report describes beneficiation tests on samples taken by diamond drilling in the Butt Mountain Area, Giles County, Virginia.

Table 1.--Production and shipments of iron ore in the United States, by districts
(Exclusive of ore containing 5 percent or more manganese)
(Thousand long tons)

	Lake Superior	South-eastern	North-eastern	Western	Byproduct ore	Total
Production:						
1965-----	66,432	1,964	5,173	13,468	805	87,842
1966 p/-----	68,900	2,092	4,636	14,301	774	90,703
1967:						
First Quarter----	9,066	533	1,179	3,430	190	14,398
April-----	4,517	176	357	1,157	70	6,277
Shipments:						
1965-----	64,541	1,919	4,761	13,254	857	85,332
1966 p/-----	69,200	2,083	4,331	14,202	765	90,581
1967:						
First Quarter----	66	537	1,042	3,614	160	5,419
April-----	3,754	179	346	1,166	49	5,494

p/ Preliminary.

Prepared June 30, 1967, by F. E. Brantley, Physical Scientist.

Table 2.--Mine production, shipments, and stocks of iron ore in the United States
 (Exclusive of ore containing 5 percent or more manganese)
 (Thousand long tons)

	Production April		Shipments April		Mine Stocks April 30	
	1967	1966	1967	1966	1967	1966
Lake Superior:						
Michigan-----	1,173	1,159	998	1,388	6,181	5,803
Minnesota-----	3,344	3,792	2,756	3,687	12,000	10,940
Southeastern:						
Alabama-----	176	189	179	172	305	321
Georgia-----						
Northeastern:						
New Jersey-----	357	410	346	380	3,179	3,056
New York-----						
Pennsylvania-----						
Western:						
California-----	1,157	1,279	1,166	1,275	586	446
Colorado-----						
Missouri-----						
Nevada-----						
Texas-----						
Utah-----						
Wyoming-----						
Byproduct ore-----	70	63	49	56	264	215
Total-----	6,277	6,892	5,494	6,958	22,515	20,781

Table 3.--U.S. exports of iron ore
(Thousand long tons)

	Canada	Japan	Other	Total
1965-----	4,560	2,431	94	7,085
1966 p/-----	3,909	3,777	91	7,777
1967:				
First Quarter-----	14	932	17	963
April-----	254	482	(1/)	736

1/ Less than 500 long tons.

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

	Newfoundland	Quebec	Ontario	British Columbia	Total
1965-----	11,194	13,111	7,616	1,947	33,868
1966 p/-----	14,604	12,165	7,333	1,936	36,038
1967:					
January-----	210	175	132	146	663
February-----	74	384	201	56	715
March-----	-----	395	243	168	806

p/ Preliminary.

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			January - April 1967		
	Long tons	Value <u>1/</u>		Long tons	Value <u>1/</u>	
		Per ton	Total		Per ton	Total
Brazil-----	106,991	\$9.54	\$1,020,341	647,382	\$9.25	\$5,986,188
Canada-----	913,672	11.70	10,691,796	2,479,321	11.12	27,573,435
Chile-----	100,921	7.79	785,846	632,285	8.40	5,312,859
Denmark-----	-----	-----	-----	346	41.76	14,449
Liberia-----	263,079	8.24	2,168,415	1,279,826	7.69	9,839,173
Netherlands---	96	9.54	916	196	9.48	1,859
Norway-----	-----	-----	-----	67,365	3.96	267,053
Peru-----	52,811	9.59	506,325	261,700	9.97	2,608,619
South Africa, Rep. of <u>2/</u> -----	-----	-----	-----	24,149	12.50	301,856
Venezuela-----	1,191,495	8.16	9,719,553	3,861,436	8.08	31,186,749
Total-----	2,629,065	9.47	24,893,192	9,254,006	8.98	83,092,240

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.

2/ Believed by Bureau of Mines to be from Mauritania.

Table 6.—Consumption and stocks of iron ore and agglomerates at consuming plants and production of pig iron in the United States
(Long tons)

	Consumption		Stocks
	April	Year to date	April 30, 1967
Beginning of month-----			35,138,357
Alabama, Kentucky, Tennessee, Texas, Missouri-----	827,499	3,379,741	4,224,799
California, Colorado, Utah-----	595,457	2,372,611	1,139,115
Delaware, Maryland, West Virginia-----	917,413	3,715,576	2,256,292
Illinois, Indiana-----	2,176,280	8,563,379	5,374,740
Michigan, Minnesota-----	816,748	3,468,267	2,291,446
New York, Ohio, Pennsylvania, New Jersey, Rhode Island-----	4,482,392	18,368,585	17,024,552
Total-----	9,815,789	39,868,159	32,310,944

	Consumption by process		Pig iron produced	
	April	Year to date	April	Year to date
Blast furnaces-----	6,491,925	26,335,440	6,441,598	25,871,999
Steel furnaces-----	341,036	1,542,696		
Agglomerating plants <u>1</u> /-----	2,982,438	11,944,918		
Miscellaneous <u>2</u> /-----	390	45,105		
Total-----	9,815,789	39,868,159		

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.