



# MINERAL INDUSTRY SURVEYS

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



Stewart L. Udall, Secretary

Earl T. Hayes, Acting Director

Iron Ore, Monthly

## IRON ORE IN FEBRUARY 1968

Iron ore production and shipments from domestic mines in February continued at a level higher than for the corresponding period in 1967, according to the Bureau of Mines, U.S. Department of the Interior. Mine stocks were over 19 million tons, while consumption of ore for the first two months exceeded the same period in 1967 by 2.4 million tons and was expected to continue at the high rate.

The British based Davy-Ashmore group secured a contract from the U.S.S.R. for a \$10.2 million pelletizing plant to be erected in the Krivoi Rog ore field. Lurgi's process and designs will be used, with Ashmore manufacturing most of the equipment.

The most recent of the Japanese steel industry's mounting list of long-term iron-ore contracts was concluded with Sierra Leone Development Company. Ore concentrates from the Marampa mine would be shipped at an annual rate of 400,000 tons to June 1969, and then at a rate of 1.1 million tons per year through 1979.

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:						
1967 p/-----	63,700	2,099	4,193	13,438	763	84,195
1968:						
January-----	3,459	171	365	1,231	62	5,289
February-----	3,420	167	356	1,182	58	5,182
Shipments:						
1967 p/-----	63,300	2,071	3,865	13,532	591	83,359
1968:						
January-----	275	153	299	1,238	44	2,009
February-----	315	148	316	1,185	71	2,035

p/ Preliminary.

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

Prepared April 24, 1968, by F. E. Brantley, Physical Scientist. 703-557-1518

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 February		Shipments February		Mine Stocks February 29	
	1968	1967	1968	1967	1968	1967
Lake Superior:						
Michigan-----	1,086	1,091	19	6	5,337	r/ 5,256
Minnesota-----	2,334	1,779	296	29	9,162	r/ 8,354
Southeastern:						
Alabama-----	} 167	171	148	173	379	305
Georgia-----						
Northeastern:						
New Jersey-----	} 356	376	316	331	3,465	r/ 3,120
New York-----						
Pennsylvania-----						
Western:						
California-----	} 1,182	1,090	1,185	1,173	701	588
Colorado-----						
Missouri-----						
Nevada-----						
Texas-----						
Utah-----						
Wyoming-----						
Byproduct ore-----	58	68	71	60	390	230
Total <u>1/</u> -----	5,182	4,577	2,035	1,772	19,435	r/17,853

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 p/-----	2,258	3,638	46	5,943
1968:				
January-----	2	331	12	346
February-----	2	318	(2/)	320

p/ Preliminary.

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>
1966-----	14,604	12,165	7,333	1,936	36,038
1967:					
First Quarter-----	284	954	576	370	2,184
Second Quarter-----	4,580	4,335	2,334	473	11,722
Third Quarter-----	5,091	4,521	2,249	577	12,439
October-----	2,103	1,688	1,073	201	5,065
November-----	1,762	917	922	112	3,712
December-----	r/ 909	417	534	209	2,069
1968:					
January-----	457	184	241	126	1,009
February <u>2/</u> -----					

r/ Revised.

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

2/ Not available.

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)

	February 1968			January - February 1968		
	Long tons	Value <u>1/</u>		Long tons	Value <u>1/</u>	
		Per ton	Total		Per ton	Total
Brazil-----	31,267	\$9.25	\$289,109	148,808	\$9.39	\$1,397,952
Canada-----	358,737	13.60	4,878,489	1,145,146	12.92	14,798,305
Chile-----	75,602	7.75	585,541	256,943	8.48	2,179,299
Liberia-----	277,761	7.96	2,211,626	663,458	7.67	5,091,656
Peru-----	-----	-----	-----	158,506	10.82	1,714,724
Venezuela-----	981,975	8.01	7,863,874	1,742,852	8.03	14,003,459
Total-----	1,725,342	9.17	15,828,639	4,115,713	9.52	39,185,395

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

	Consumption		Stocks
	February 1968	Year to date	February 29, 1968
Beginning of month-----			47,526,504
Alabama, Kentucky, Tennessee, Texas, Missouri-----	895,065	1,790,275	4,850,353
California, Colorado, Utah-----	557,635	1,179,109	933,830
Delaware, Maryland, West Virginia----	983,856	2,023,192	2,587,137
Illinois, Indiana-----	2,321,313	4,695,034	8,147,848
Michigan, Minnesota-----	890,842	1,816,019	4,428,390
New York, Ohio, Pennsylvania, New Jersey, Rhode Island-----	5,096,911	10,493,015	19,507,483
Total-----	10,745,622	21,996,644	40,455,041

	Consumption by process		Pig iron produced	
	February 1968	Year to date	February 1968	Year to date
Blast furnaces-----	7,456,974	15,213,161	7,001,160	14,230,629
Steel furnaces-----	357,130	739,462		
Agglomerating plants <u>1/</u> -----	2,930,236	6,042,038		
Miscellaneous <u>2/</u> -----	1,282	1,983		
Total-----	10,745,622	21,996,644		

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.