



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 AUGUST 1972

U.S. mine production and shipments of iron ore in August increased by 11 percent compared with the previous month and were substantially greater than 1 year ago, according to the Bureau of Mines, U.S. Department of the Interior. Production and shipments during the first 8 months of 1972 were 11 percent less than in the same period of 1971, but consumption of iron ore continued to rise and was within 1 percent of the total consumed in the comparable period of 1971. Stocks of ore at the mines were reduced by 2.6 million tons during August, while stocks at consuming plants rose by 3.6 million tons. Imports of iron ore increased during August. Total imports for the first 8 months of 1972 were 25 percent less than 1 year ago.

On the Great Lakes, several companies were planning to continue iron ore shipments beyond normal closing dates for the season. More specific plans were expected to be announced following a meeting September 27, 1972, between representatives of the Lake Carriers Association, the Corps of Engineers, and the Coast Guard.

Deliveries of iron ore pellets from Taconite Harbor, Minn. to Burns Harbor, Ind. by the new ore carrier, Stewart J. Cort, reached the 1-million-ton mark on August 31. The vessel, owned by Bethlehem Steel Corp., began service May 1.

Note: A new table, showing monthly imports of iron ore by customs district, will be included with monthly statistics, beginning with this issue.

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:						
1971-----	64,034	527	3,158	12,328	715	80,762
1972:						
1st Quarter-----	11,436	108	649	1,919	110	14,222
2nd Quarter-----	17,415	122	669	2,773	81	21,058
July-----	6,057	17	171	847	8	7,101
August-----	6,681	34	187	971	13	7,886
Shipments:						
1971-----	61,710	592	2,849	11,955	586	77,692
1972:						
1st Quarter-----	2,266	239	568	2,271	91	5,435
2nd Quarter-----	17,921	145	628	2,739	80	21,514
July-----	8,184	21	118	1,064	55	9,442
August-----	9,203	50	183	1,062	37	10,535

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 August		Shipments August		Mine Stocks August 31	
	1972	1971	1972	1971	1972	1971
Lake Superior:						
Michigan-----	1,035	<u>r/</u> 959	1,560	<u>r/</u> 1,465	3,250	2,660
Minnesota-----	5,571	4,561	7,566	5,712	11,313	9,241
Wisconsin-----	75	39	77	38	2	8
Southeastern:						
Alabama, Georgia, North Carolina-----	34	33	50	37	649	783
Northeastern:						
New York, Pennsylvania--	187	217	183	196	4,931	4,915
Western:						
Arizona, California, Colorado, Missouri, Nevada, Texas, Utah, Wyoming-----	971	751	1,062	648	454	561
Byproduct ore-----	13	45	37	36	424	437
 Total <u>1/</u> -----	 7,886	 <u>r/</u> 6,606	 10,535	 <u>r/</u> 8,133	 21,022	 18,605

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>
1971-----	1,245	1,794	22	3,061
1972:				
1st Quarter-----	14	149	20	183
2nd Quarter-----	263	102	24	389
July-----	185	104	(<u>2/</u>)	289
August-----	283	46	(<u>2/</u>)	329

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)

	Newfound- land	Quebec	Ontario	British Columbia	Total <u>1/</u>
1971 p/-----	19,827	11,054	9,933	1,783	42,597
1972:					
1st Quarter-----	946	518	1,782	249	3,494
2nd Quarter-----	5,459	3,309	3,147	232	12,146
July-----	2,239	389	1,100	106	3,835
August-----	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)

	August 1972			January - August 1972		
	Long tons	Value <u>1/</u>		Long tons	Value <u>1/</u>	
		Total	Per ton		Total	Per ton
Australia-----	54,817	\$727,719	\$13.28	444,431	\$6,071,351	\$13.66
Brazil-----	36,983	383,676	10.37	632,470	6,021,517	9.52
Canada-----	2,382,935	34,273,494	14.38	10,107,574	141,068,643	13.96
Chile-----	25,200	202,608	8.04	166,759	1,763,168	10.57
Denmark-----	196	8,767	44.73	343	14,040	40.93
Ivory Coast-----	----	----	----	497	2,019	4.06
Liberia-----	373,065	2,821,877	7.56	1,849,875	14,469,658	7.82
Mauritania-----	----	----	----	39,515	686,618	17.38
Nigeria-----	----	----	----	85,118	728,734	8.56
Peru-----	----	----	----	927,117	10,821,187	11.67
Philippines-----	----	----	----	3,000	82,500	27.50
Spain-----	30	267	8.90	30	267	8.90
Sweden-----	116,902	1,618,041	13.84	116,902	1,618,041	13.84
Venezuela-----	1,150,997	10,660,339	9.26	7,177,441	65,026,043	9.06
Total-----	4,141,125	50,696,788	12.24	21,551,072	248,373,786	11.52

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
	August 1972	Year to date	August 31, 1972
Beginning of month-----			<u>r/41,424,230</u>
Alabama, Kentucky, Tennessee, Texas, Missouri-----	855,692	6,656,017	3,756,748
California, Colorado, Utah-----	624,563	4,234,095	650,705
Delaware, Maryland, West Virginia-----	733,997	6,130,118	3,016,844
Illinois, Indiana-----	2,485,350	20,531,864	11,301,174
Michigan, Minnesota-----	771,625	5,965,561	3,472,930
New York, Ohio, Pennsylvania, New Jersey, Rhode Island-----	4,462,214	35,559,032	22,872,903
Total-----	9,933,441	79,076,687	45,071,304

	Consumption by process		Pig iron produced	
	August 1972	Year to date	August 1972	Year to date
Blast furnaces-----	7,633,973	60,105,025	6,593,325	52,495,231
Steel furnaces-----	124,513	1,120,362	----	----
Agglomerating plants <u>1/</u> -----	2,169,731	17,826,732	----	----
Miscellaneous <u>2/</u> -----	5,224	24,568	----	----
Total-----	9,933,441	79,076,687	6,593,325	52,495,231

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.

Table 7. - U.S. imports for consumption of iron ore, by customs districts
 (Exclusive of ore containing 10 percent or more manganese)
 (Long tons)

Customs district	August 1972	January - August 1972
Baltimore-----	407,354	4,291,681
Buffalo-----	283,180	1,171,008
Chicago-----	775,646	2,792,539
Cleveland-----	677,199	2,995,862
Detroit-----	182,792	420,340
Houston-----	31,600	286,449
Los Angeles-----	----	36,848
Mobile-----	320,531	2,794,473
New Orleans-----	90,245	487,981
Ogdensburg-----	201	2,716
Philadelphia-----	1,245,991	5,986,521
Portland, Ore.-----	75,983	171,257
Wilmington, N.C.-----	50,403	112,713
Other-----	----	684
Total-----	4,141,125	21,551,072