



MINERAL INDUSTRY SURVEYS

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



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Iron and Steel Scrap, Monthly

IRON AND STEEL SCRAP IN FEBRUARY 1969

Total consumption of ferro scrap and pig iron fell during February, decreasing 3 percent and 2 percent, respectively, from that for January, according to the Bureau of Mines, U.S. Department of the Interior. Receipts of purchased scrap increased 4 percent while production of home scrap decreased 3 percent.

Steel production decreased 1 percent from that for the previous month, and consumers' stocks of scrap decreased 1 percent also, while pig iron stocks decreased 4 percent.

The daily consumption rate of scrap, 265,683 short tons, was 11 percent higher than the 1968 average and equated the monthend inventory to a 28-day supply.

Prepared August 22, 1969, in Mineral Resource Evaluation.

TABLE 1. - U.S. receipts, production, consumption, shipments and stocks of iron and steel scrap and pig iron, by type of manufacturer, February 1969 (Short tons)

	Mfgs. of steel ingots and castings 1/	Mfgs. of steel castings 2/	Iron foundries and miscellaneous users	Total	Total Year to date 3/
SCRAP:					
Receipts -----	2,565,213	160,863	808,013	3,534,089	6,914,416
Production -----	3,739,610	98,998	495,401	4,334,009	8,804,367
Consumption by grades:					
Carbon steel -					
Low phosphorous plate and punchings	34,194	71,186	70,243	175,623	361,825
Cut structural and plate -----	27,506	22,596	87,121	137,223	273,967
No. 1 heavy melting steel -----	2,012,904	25,476	22,419	2,060,799	4,258,344
No. 2 heavy melting steel -----	500,781	248	15,975	517,004	1,009,767
No. 1 and electric furnace bundles -----	580,543	7,516	43,339	631,398	1,318,735
No. 2 and all other bundles -----	302,064	2,481	45,754	350,299	680,806
Turnings and borings -----	163,011	6,466	48,443	217,920	442,424
Slag scrap (Fe content) -----	280,685	373	2,036	283,094	542,120
Shredded or fragmented -----	49,095	3,987	10,327	63,409	118,606
All other carbon steel scrap -----	1,154,079	115,895	138,559	1,408,533	2,872,515
Stainless steel -----	77,326	2,735	2,354	82,415	160,732
Alloy steel (except stainless) -----	245,048	11,128	10,961	267,137	524,879
Cast iron (include borings) -----	426,851	28,876	712,287	1,168,014	2,422,344
Other grades of scrap -----	25,365	14,808	36,076	76,249	155,046
Total consumption -----	5,879,452	313,771	1,245,894	7,439,117	15,142,110
Shipments -----	440,267	3,595	39,304	483,166	991,016
Stocks end of month -----	6,343,569	317,042	806,646	7,467,257	-
PIG IRON:					
Receipts -----	382,455	12,717	302,544	697,716	1,324,255
Production -----	7,127,161	-	-	7,127,161	14,361,163
Consumption -----	6,969,063	11,756	309,630	7,290,449	14,692,803
Shipments -----	621,179	141	50	621,370	1,214,978
Stocks end of month -----	1,782,163	20,246	260,657	2,063,066	-

1/ Includes only those castings made by companies producing steel ingots.

2/ Excludes companies that produce both steel ingots and castings.

3/ Year to date totals may not agree with a summation of prior monthly totals due to revisions after publication of monthly data.

TABLE 2. - U.S. salient iron and steel scrap and pig iron statistics, February 1969
(Short tons)

State	Receipts	Production	Consumption	Shipments	Stocks end of month	Pig iron consumption
Alabama -----	146,023	150,263	283,855	22,913	249,677	332,875
Arizona -----	W	W	W	W	W	W
Arkansas -----	W	W	W	-	W	-
California --	106,380	103,693	223,881	6,645	288,944	187,531
Colorado -----	W	W	W	W	W	W
Connecticut -	7,508	5,250	12,239	295	13,279	1,694
Delaware -----	W	W	W	-	W	W
Florida -----	W	W	W	-	W	W
Georgia -----	12,221	1,510	11,896	133	34,635	943
Illinois -----	364,832	379,001	705,227	31,733	937,051	515,558
Indiana -----	341,334	666,805	886,554	90,025	838,960	1,004,939
Iowa -----	38,590	15,648	55,821	67	41,819	3,843
Kansas -----	5,987	3,425	9,303	-	3,512	150
Kentucky -----	61,077	71,903	133,479	3,911	123,832	W
Louisiana ---	W	W	W	W	W	W
Maine -----	W	W	W	-	W	W
Maryland -----	26,460	226,169	239,248	6,125	172,691	W
Massachusetts	4,027	4,768	8,251	224	4,732	2,109
Michigan-----	379,093	379,853	741,522	8,245	416,496	606,484
Minnesota ---	20,323	20,576	43,400	369	48,169	W
Mississippi -	W	W	W	-	W	-
Missouri -----	69,955	21,736	82,575	511	156,163	1,536
Montana -----	W	W	W	W	W	W
Nebraska -----	W	W	W	W	W	W
Nevada -----	W	-	W	-	W	W
New Hampshire	W	W	W	-	W	W
New Jersey --	47,258	10,433	58,913	1,086	74,227	4,909
New York -----	109,266	200,816	305,622	4,360	422,102	471,253
North Carolina	13,866	3,232	17,732	-	17,909	3,359
Ohio -----	657,201	717,580	1,278,418	104,624	1,007,368	1,224,262
Oklahoma -----	13,219	4,480	20,409	-	29,020	1,262
Oregon -----	14,176	3,236	18,268	365	24,812	W
Pennsylvania-	685,166	938,678	1,469,193	180,736	1,687,437	1,765,121
Rhode Island-	7,055	4,272	11,982	137	15,819	801
South Carolina	4,073	2,073	5,885	-	1,237	W
Tennessee ---	22,498	14,639	37,031	1,010	10,621	12,835
Texas -----	137,327	106,521	221,042	9,351	249,976	36,263
Utah -----	8,260	66,376	84,963	61	235,095	145,061
Vermont -----	1,249	759	2,014	-	2,882	629
Virginia -----	20,920	16,710	38,625	891	23,617	W
Washington --	27,725	10,866	40,333	1,017	68,129	W
West Virginia	62,733	81,130	122,583	87	110,828	W
Wisconsin ---	36,928	47,142	81,599	7,349	42,612	14,727
Undistributed	81,359	54,466	187,254	896	113,606	952,305
U.S. Total --	3,534,089	4,334,009	7,439,117	483,166	7,467,257	7,290,449

W Withheld to avoid disclosing individual company confidential data; included in Undistributed.

TABLE 3. - U.S. consumption of iron and steel scrap by grades, February 1969
(Short tons)

State	CARBON STEEL						Stainless & alloy steel	Cast iron (include borings)	Other grades of scrap including slag
	Low phos., cut structural, and plate.	No. 1 & 2 heavy melting steel	No. 1-2 & all other bundles	Turnings & borings	Shredded or fragmented	All other carbon steel scrap			
Alabama -----	16,019	96,130	55,584	1,201	-	40,140	5,768	61,341	7,672
Arizona -----	W	-	9,257	-	-	W	W	W	W
Arkansas -----	-	-	-	-	-	W	-	-	-
California -----	4,107	43,604	29,996	3,263	9,427	98,743	1,089	31,460	2,192
Colorado -----	W	W	-	W	-	-	W	-	W
Connecticut ---	3,172	582	44	-	-	734	3,746	3,931	W
Delaware -----	W	W	W	W	W	W	W	W	W
Florida -----	W	W	-	-	-	W	-	W	-
Georgia -----	W	5,347	W	-	-	1,968	-	2,394	20
Illinois -----	43,056	203,332	97,658	23,766	5,085	195,977	16,866	111,618	7,869
Indiana -----	15,991	494,741	108,932	18,857	-	122,586	11,013	66,369	48,065
Iowa -----	6,634	8,003	6,498	14,470	438	3,009	-	12,783	3,986
Kansas -----	5,116	-	-	-	W	W	-	1,079	-
Kentucky -----	-	66,172	18,500	4,209	-	19,976	7,093	13,857	W
Louisiana -----	W	-	-	-	-	W	-	-	-
Maine -----	W	-	-	-	-	-	-	W	-
Maryland -----	3,495	W	18,083	W	-	W	7,564	20,835	31,924
Massachusetts -	1,380	61	-	W	-	504	W	5,706	-
Michigan -----	24,048	46,290	127,664	17,549	W	241,930	10,340	222,020	33,983
Minnesota -----	1,363	20,967	W	W	-	2,255	W	8,112	W
Mississippi ---	-	-	W	-	W	W	-	-	-
Missouri -----	3,425	54,440	W	W	W	2,412	1,122	13,714	1,095
Montana -----	-	W	-	-	-	-	-	W	W
Nebraska -----	W	-	-	-	-	W	-	W	W
Nevada -----	W	W	-	-	-	-	-	W	-
New Hampshire -	-	-	-	-	-	-	-	-	-
New Jersey -----	8,413	1,208	12,170	W	W	11,760	787	21,731	565
New York -----	5,114	128,686	26,546	5,123	2,229	49,983	11,794	51,631	24,516
North Carolina -	W	-	W	-	-	W	-	9,000	-
Ohio -----	82,758	419,653	205,716	72,121	195	186,518	90,871	176,782	43,804
Oklahoma -----	-	W	-	-	-	W	-	1,687	W
Oregon -----	-	11,711	W	-	-	W	W	148	-
Pennsylvania --	36,556	595,497	176,109	31,928	1,236	169,685	167,142	188,593	102,447
Rhode Island --	-	W	W	-	-	2,087	W	3,659	W
South Carolina -	W	-	-	2,045	-	W	-	3,092	-
Tennessee -----	10,396	W	W	-	-	W	-	21,050	4,269
Texas -----	7,243	72,831	16,407	8,441	W	54,775	4,790	38,385	6,402
Utah -----	W	W	W	W	-	W	W	W	-
Vermont -----	-	W	-	-	-	W	-	1,450	-
Virginia -----	6,938	W	W	-	W	7,824	W	19,376	-
Washington -----	1,021	21,168	W	-	W	-	834	873	W
West Virginia -	W	9,329	W	W	-	W	2	5,009	W
Wisconsin -----	19,397	1,339	-	1,620	-	16,378	147	32,534	10,184
Undistributed -	7,204	27,672	72,533	13,327	44,799	179,289	8,584	17,795	30,350
U.S. Total ----	312,846	2,577,803	981,697	217,920	63,409	1,408,533	349,552	1,168,014	359,343

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FOREIGN TRADE

Exports of iron and steel scrap totaled 232,933 short tons in February compared with 262,221 tons in January. Exports of pig iron during February totaled 270 tons and 1,340 tons in January. Imports of scrap totaled 20,881 short tons in February compared with 15,950 tons in January. Of the scrap imported during February, 20,841 short tons came from Canada and 40 tons from other sources. Imports of pig iron totaled 5,764 short tons in February and 7,274 tons in January. In addition to the foregoing imports of pig iron during February there were 299 tons of sponge iron, valued at \$46,601 imported from Canada.

TABLE 4. - U.S. exports of iron and steel scrap, by countries

Country	February 1969		Year to date	
	Short tons	Value	Short tons	Value
Canada -----	42,865	\$1,069,320	74,124	\$1,870,744
Hong Kong -----	6	3,749	6	3,749
Italy -----	-	-	11,816	640,080
Japan -----	101,912	2,598,879	199,782	5,527,355
Korea -----	28,474	856,987	67,497	2,226,756
Mexico -----	23,806	707,371	63,529	2,012,074
Spain -----	26,064	467,202	37,968	769,520
Sweden -----	1,166	303,128	4,765	1,195,716
Taiwan -----	-	-	11,443	280,790
United Kingdom -----	307	6,617	2,718	178,857
West Germany -----	35	2,552	499	175,694
Other Countries -----	8,298	184,356	21,007	1,109,117
Total -----	232,933	6,200,161	495,154	15,990,452

TABLE 5. - U.S. exports of iron and steel scrap, by grades

Country	February 1969		Year to date	
	Short tons	Value	Short tons	Value
No. 1 heavy melting steel scrap -----	88,479	\$2,492,171	181,182	\$5,589,875
No. 2 heavy melting steel scrap -----	34,036	892,327	69,962	1,795,614
No. 1 bundles -----	3,901	99,840	14,859	391,070
No. 2 bundles -----	21,974	390,286	52,857	977,241
Borings, shovelings and turnings -----	36,756	583,134	51,627	867,668
Iron scrap -----	14,593	390,521	50,524	1,631,567
Stainless steel scrap ----	1,668	479,536	8,734	2,375,242
All other scrap <u>1/</u> -----	31,526	872,346	65,409	2,362,175
Total -----	232,933	6,200,161	495,154	15,990,452

1/ Includes tin plate and terne plate.