



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 APRIL 1969

Total consumption of iron and steel scrap, and pig iron, fell somewhat during April, decreasing by 3 percent and 2 percent, respectively, from that for March, according to the Bureau of Mines, U S. Department of the Interior. Production of home scrap and receipts of purchased scrap decreased 1 percent and 2 percent, respectively, from that for the previous month.

Steel production decreased 2 percent, and consumers' stocks of ferrous scrap increased 1 percent while pig iron stocks decreased 2 percent from March.

The daily consumption rate of scrap, 268,482 short tons, was 13 percent higher than the 1968 average and equated the monthend inventory to a 30-day supply.

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

	Mfgs. of steel ingots and castings 1/	Mfgs. of steel castings 2/	Iron foundries and miscel- laneous users	Total	Total Year to date 3/
SCRAP:					
Receipts-----	2,857,519	186,073	833,754	3,877,346	14,754,565
Production-----	4,206,896	95,717	495,834	4,798,447	18,459,742
Consumption by grades:					
Carbon steel-					
Low phosphorous plate and punchings-	42,692	72,838	70,962	186,492	733,941
Cut structural and plate-----	32,986	19,420	89,778	142,184	560,898
No. 1 heavy melting steel-----	2,338,478	28,080	24,220	2,390,778	9,059,685
No. 2 heavy melting steel-----	531,230	234	16,795	548,259	2,142,112
No. 1 and electric furnace bundles--	595,294	7,327	36,292	638,913	2,652,557
No. 2 and all other bundles-----	324,293	3,215	47,989	375,497	1,446,019
Turnings and borings-----	191,507	7,433	47,413	246,353	935,584
Slag scrap (Fe content)-----	324,393	365	2,672	327,430	1,201,177
Shredded or fragmented-----	52,715	4,171	12,677	69,563	265,203
All other carbon steel scrap-----	1,255,370	78,437	147,481	1,481,288	5,878,575
Stainless steel-----	82,376	2,792	2,643	87,811	351,000
Alloy steel (except stainless)-----	265,804	12,960	12,471	291,236	1,128,740
Cast iron (include borings)-----	436,774	30,252	715,653	1,182,679	4,826,544
Other grades of scrap-----	28,950	15,695	41,322	85,967	325,188
Total consumption-----	6,502,863	283,219	1,268,368	8,054,450	31,507,223
Shipments-----	520,016	4,303	34,685	559,004	2,096,364
Stocks end of month-----	6,344,990	315,807	858,890	7,519,687	
PIG IRON:					
Receipts-----	413,116	11,440	317,285	741,841	2,775,215
Production-----	8,060,491	-	-	8,060,491	30,558,943
Consumption-----	7,756,878	10,000	315,641	8,082,519	31,013,292
Shipments-----	756,288	132	45	756,465	2,670,317
Stocks end of month-----	1,665,432	21,260	246,149	1,932,841	-

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,
April 1969
(Short tons)

State	Receipts	Production	Consumption	Shipments	Stocks end of month	Pig iron consumption
Alabama-----	168,815	183,512	310,944	25,043	250,700	386,251
Arizona-----	W	W	W	W	W	W
Arkansas-----	W	W	W	-	W	-
California-----	123,248	120,254	232,006	25,830	274,786	191,646
Colorado-----	W	W	W	W	-	W
Connecticut----	9,444	5,944	13,246	660	14,776	1,841
Delaware-----	W	W	W	W	W	W
Florida-----	W	W	W	-	W	W
Georgia-----	W	W	W	W	W	-
Illinois-----	380,353	400,476	769,101	31,574	937,176	564,545
Indiana-----	370,851	743,072	969,509	111,858	872,815	1,109,207
Iowa-----	39,775	16,777	61,836	205	32,893	3,794
Kansas-----	6,796	3,542	9,564	-	4,692	188
Kentucky-----	74,559	76,415	143,282	5,311	126,837	W
Louisiana-----	W	W	W	W	W	W
Maine-----	W	W	W	-	W	W
Maryland-----	36,968	243,706	286,597	24,588	127,561	W
Massachusetts--	4,020	5,448	9,308	250	4,737	2,313
Michigan-----	416,875	375,204	754,424	7,088	460,453	646,331
Minnesota-----	29,747	20,102	38,423	204	61,908	W
Mississippi----	W	W	W	-	W	-
Missouri-----	78,662	24,885	89,809	695	173,961	1,509
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-----	55,697	13,353	67,201	2,395	71,320	7,059
New York-----	108,776	208,247	342,593	9,637	374,354	506,985
North Carolina--	16,628	7,313	20,494	-	24,181	3,562
Ohio-----	726,100	810,633	1,398,177	132,109	1,029,306	1,376,831
Oklahoma-----	17,308	4,458	20,572	-	28,785	1,480
Oregon-----	17,049	5,159	19,992	797	29,880	W
Pennsylvania---	707,086	1,078,592	1,582,532	154,341	1,702,010	2,020,813
Rhode Island---	7,129	4,355	11,145	177	17,047	800
South Carolina--	1,815	2,458	4,497	-	1,092	W
Tennessee-----	26,439	13,000	37,974	633	12,408	10,323
Texas-----	138,386	125,855	268,699	4,257	259,424	9,575
Utah-----	8,773	75,415	89,091	79	226,557	164,607
Vermont-----	1,235	726	2,123	-	2,876	656
Virginia-----	27,756	19,117	44,811	767	25,095	W
Washington-----	37,969	12,507	45,701	1,032	73,328	W
West Virginia--	56,276	84,811	137,408	9,541	111,584	W
Wisconsin-----	44,420	48,139	88,783	8,408	34,506	14,343
Undistributed--	138,391	64,972	184,608	1,525	152,639	1,057,860
Total U.S.---	3,877,346	4,798,447	8,054,450	559,004	7,519,687	8,082,519

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

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

State	CARBON STEEL						Stainless & alloy steel	Cast iron (include borings)	Other grades of scrap including slag
	Low phos., cut struc- tural, and plate	No. 1 & 2 Heavy melt- ing steel	No. 1-2 & all other bundles	Turnings & borings	Shredded or fragmentized	All other carbon steel			
Alabama -----	17,541	107,215	56,052	1,508	-	49,953	10,144	59,287	9,244
Arizona -----	181	-	14,715	-	-	7,041	126	61	2,036
Arkansas -----	-	-	-	-	-	W	-	-	-
California -----	4,712	48,050	27,132	3,884	4,185	94,088	1,194	45,042	3,719
Colorado -----	W	W	-	W	-	-	W	W	W
Connecticut -----	3,713	578	55	-	-	834	3,313	4,343	-
Delaware -----	W	W	W	W	W	W	W	-	-
Florida -----	W	W	-	-	-	W	-	W	-
Georgia -----	W	W	W	-	-	W	-	W	-
Illinois -----	39,779	222,596	127,011	21,604	9,331	204,457	19,490	115,301	9,532
Indiana -----	15,370	540,721	102,701	17,634	-	155,453	10,572	66,614	60,444
Iowa -----	7,026	9,324	5,534	17,271	815	3,381	-	13,944	4,541
Kansas -----	4,304	-	-	-	W	W	-	1,301	-
Kentucky -----	-	76,562	16,509	5,008	-	19,735	8,252	13,402	W
Louisiana -----	W	-	-	-	-	W	-	-	-
Maine -----	W	-	-	-	-	-	-	W	-
Maryland -----	4,715	W	26,016	W	-	W	9,078	22,274	31,407
Massachusetts -----	1,531	63	W	W	-	742	W	6,182	W
Michigan -----	24,384	49,613	131,104	16,383	W	265,773	9,044	211,337	30,384
Minnesota -----	1,308	18,110	W	W	-	822	W	8,976	W
Mississippi -----	-	-	W	-	W	W	-	-	-
Missouri -----	3,974	58,362	W	W	W	2,707	1,024	13,152	1,377
Montana -----	-	W	-	-	-	-	-	W	W
Nebraska -----	W	-	-	-	-	-	-	W	W
Nevada -----	W	-	-	-	-	-	-	W	-
New Hampshire -----	-	W	-	-	-	-	-	-	-
New Jersey -----	8,486	1,568	14,721	W	W	12,582	785	25,458	513
New York -----	6,566	166,481	21,106	5,529	3,026	41,762	12,692	57,052	28,379
North Carolina -----	W	-	W	-	-	W	-	-	-
Ohio -----	90,213	472,274	222,247	80,531	307	188,682	100,416	186,663	56,844
Oklahoma -----	-	W	-	-	W	-	-	W	W
Oregon -----	-	W	W	-	-	W	W	-	-
Pennsylvania -----	43,697	688,536	142,639	41,949	4,412	204,130	179,115	161,206	116,848
Rhode Island -----	-	W	W	-	-	1,778	W	3,746	W
South Carolina -----	W	-	-	135	-	W	-	3,689	-
Tennessee -----	8,530	W	W	-	-	W	-	21,141	5,449
Texas -----	8,153	94,146	16,512	21,282	W	66,709	3,566	39,607	9,148
Utah -----	W	W	W	W	-	W	W	W	-
Vermont -----	-	W	-	-	-	W	-	-	-
Virginia -----	7,269	W	W	-	W	8,417	W	22,918	-
Washington -----	2,401	21,367	W	764	W	1,211	1,052	3,708	W
West Virginia -----	W	11,769	W	W	-	W	43	4,432	W
Wisconsin -----	20,717	1,223	-	1,922	-	17,933	172	34,888	11,928
Undistributed -----	4,106	350,479	90,356	10,949	47,487	133,098	8,969	24,300	31,604
U. S. Total -----	328,676	2,939,037	1,014,410	246,353	69,563	1,481,288	379,047	1,182,679	413,397

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

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FOREIGN TRADE

Exports of iron and steel scrap totaled 712,585 short tons in April compared with 529,964 tons in March. Exports of pig iron during April totaled 1,624 tons and 736 tons in March. Imports of scrap totaled 36,381 short tons in April compared with 29,359 tons in March. Of the scrap imported during April, 33,708 short tons came from Canada and 2,673 tons from other sources. Imports of pig iron totaled 21,365 short tons in April and 20,281 tons in March. In addition to the foregoing imports of pig iron during April there were 269 tons of sponge iron, valued at \$ 41,123, imported from Canada.

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

Country	April 1968		Year to date	
	Short tons	Value	Short tons	Value
Canada-----	50,948	\$1,208,408	188,362	\$4,524,498
Hong Kong-----	22	12,350	28	16,099
Italy-----	73,397	1,685,243	113,109	3,032,979
Japan-----	328,773	9,041,261	780,406	21,157,894
Korea-----	72,138	2,288,128	192,273	6,174,814
Mexico-----	53,333	1,725,187	163,624	5,144,198
Spain-----	89,082	1,970,970	166,276	3,454,522
Sweden-----	11,207	1,591,509	22,854	4,207,186
Taiwan-----	10,889	487,333	27,799	986,772
United Kingdom-----	311	9,840	12,218	472,125
West Germany-----	238	23,422	826	208,361
Other Countries-----	22,247	674,181	69,928	2,660,139
Total-----	712,585	20,717,832	1,737,703	52,039,587

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

Grades of scrap	April 1968		Year to date	
	Short tons	Value	Short tons	Value
No. 1 heavy melting steel scrap-----	298,314	\$8,995,811	722,019	\$21,721,816
No. 2 heavy melting steel scrap-----	83,224	2,117,215	212,806	5,479,811
No. 1 bundles-----	23,035	615,531	47,437	1,256,386
No. 2 bundles-----	114,837	2,024,918	227,998	4,058,326
Borings, shovelings & turnings-----	31,355	480,681	117,417	1,935,345
Iron scrap-----	39,294	1,024,722	111,387	3,270,924
Stainless steel scrap---	6,611	1,501,476	22,484	5,404,588
All other scrap <u>1</u> /-----	115,915	3,957,478	276,155	8,912,391
Total-----	712,585	20,717,832	1,737,703	52,039,587

1/ Includes tin plate and terne plate.