



## MINERAL INDUSTRY SURVEYS

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BUREAU OF MINES

FRED A. SEATON, Secretary

MARLING J. ANKENY, Director

Iron and Steel Scrap  
Monthly Report No. 194

### IRON AND STEEL SCRAP IN DECEMBER AND PRELIMINARY 1956

Domestic consumption of ferrous materials, scrap and pig iron, increased slightly over November, however, the daily consumption rate was 2 percent less than the previous month, according to the Bureau of Mines, United States Department of the Interior. Iron and steel scrap consumed during December decreased slightly, however, pig iron consumption increased 3 percent over November and was the second highest quantity ever consumed during any month on record. The total charge of these materials consisted of 49 percent scrap and 51 percent pig iron, compared with 50 percent scrap and pig iron, respectively, during November.

Preliminary data for 1956 show that there was a decrease of 2 percent in the consumption of ferrous materials, scrap and pig iron, from 1955, the previous record year. Scrap consumption totaled 71,710 thousand gross tons, 1 percent less than 1955, but 52 percent of the total charge compared with 51 percent in the previous year. The largest decrease for the year occurred in pig iron (66,968 thousand gross tons), 3 percent less than the previous year, and 48 percent of the total charge compared with 49 percent in 1955. These changes were due in part to the steel strike when scrap consumption was more than double that of pig iron.

Table 1 - Summary of production, receipts, consumption and consumers' stocks of iron and steel scrap and pig iron, August 1956 to December 1956, and Preliminary 1956, in gross tons

Date	Scrap for Consumption			Consumption		Consumers' stocks at end of month	
	Home Scrap Produced	Purchased Scrap Received (Net)	Total	Scrap	Pig iron	Scrap	Pig iron <sup>1/</sup>
Aug. 1956—	2,919,528	2,550,736	5,470,264	5,453,927	4,618,718	6,274,545	2,076,382
Sept. 1956—	3,352,689	2,658,911	6,011,600	6,231,017	6,053,147	6,059,165	2,139,236
Oct. 1956—	3,716,308	3,126,537	6,842,845	6,722,320	6,450,404	6,181,076	2,124,841
Nov. 1956—	3,518,533	2,827,563	6,346,096	6,305,947	6,237,538	6,212,242	2,060,879
Dec. 1956—	3,544,277	3,129,806 <sup>2/</sup>	6,674,083	6,264,955	6,396,468	6,621,478	2,102,496
Total 1956*—	39,004,000	32,898,000 <sup>3/</sup>	71,902,000	71,710,000	66,968,000		

\* Preliminary.

<sup>1/</sup> Suppliers' stocks included with consumers' stocks.

<sup>2/</sup> Excludes 200,105 gross tons of scrap shipped, transferred or otherwise disposed of during month.

<sup>3/</sup> Excludes 2,303,000 gross tons of scrap shipped, transferred or otherwise disposed of during 1956.

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A 3 percent increase in steel production during December, reflected a 2 percent increase in the use of ferrous materials, scrap and pig iron, in steel-making furnaces. The use of scrap in these furnaces (open-hearth, Bessemer, and electric) totaled 4,967,546 gross tons, a slight increase over November; pig iron consumption totaled 5,756,767 tons, an increase of 3 percent over the previous month and the largest quantity ever used in steel-making furnaces during any month. The total steel furnace melt (10,724,313 tons) consisted of 46 percent scrap and 54 percent pig iron, compared with 47 percent and 53 percent, respectively, during November. Electric furnaces used 851,770 tons of scrap during December, a decrease of 3 percent from the previous month. Preliminary data for steel production and ferrous materials used in steel-making furnaces during 1956, indicates decreases of 2 percent and 1 percent, respectively, from 1955. The use of scrap in these furnaces totaled 55,580 thousand gross tons, a slight increase over 1955; pig iron consumption totaled 59,320 thousand tons, a decrease of 2 percent from the previous year.

The use of scrap by gray iron foundries during December totaled 772,320 gross tons, a decrease of 6 percent from the 822,542 tons used during November. Pig iron consumed by this industry totaled 366,356 gross tons compared with 391,632 tons during the previous month. According to 1956 preliminary data, the use of scrap and pig iron by gray iron foundries decreased 8 percent and 10 percent, respectively, from the use of these materials during 1955.

Stocks of scrap and pig iron held by consumers at the end of December totaled 8,723,974 gross tons, an increase of 5 percent over the previous month. Stocks of iron and steel scrap were equivalent to a 33-day supply at the December consumption rate and totaled 6,621,478 gross tons, an increase of 7 percent over November and 3 percent greater than stocks held on December 31, 1955. Pig iron stocks held by consumers and suppliers increased 2 percent over November and were 3 percent greater than stocks on December 31, 1955.

Total scrap for consumption (home scrap produced plus purchased scrap received) totaled 6,674,083 gross tons during December; home scrap accounted for 3,544,277 tons and purchases 3,129,806 tons. Of the purchases 83 percent was received from dealers and 17 percent from other sources. During 1956, scrap for consumption totaled 71,902 thousand gross tons, and was comprised of 39,004 thousand tons of home scrap and 32,898 thousand tons of purchased scrap. Receipts of purchased scrap is a net figure computed by deducting consumers scrap shipped, transferred, or otherwise disposed of during the month from total scrap received from dealers and all others.

Table 2 - Scrap produced and received during December, and stocks at consumers' plants December 31, 1956, in gross tons

	Home scrap produced	Scrap received		Scrap stocks December 31
		From dealers	From others	
No. 1 heavy melting steel-----	1,535,476	527,558	83,386	1,654,268
No. 2 heavy melting steel-----	147,213	419,335	31,421	902,330
Bundles-----	112,309	702,162	82,870	1,068,768
Low phosphorous scrap-----	117,501	293,342	28,141	515,621
Cast iron scrap, other than borings-----	524,004	289,865	55,358	893,524
Turnings and/or borings, alloy free-----	47,384	219,801	32,795	196,997
Rerolling rails-----	1,960	32,400	27,926	132,052
Scrap rails-----	4,257	23,942	3,647	74,339
High speed steel-----	1,959	590	261	5,624
Stainless steel-----	40,410	16,273	8,221	71,401
All other alloy iron and steel-----	144,227	34,547	15,701	191,888
All other prepared scrap-----	553,164	137,207	191,452	631,255
Unprepared scrap-----	314,413	60,962	10,748	283,411
Total scrap-----	3,544,277	2,757,984*	571,927*	6,621,478

\* Includes 200,105 gross tons of scrap shipped, transferred or otherwise disposed of during month.

Table 3 - Stocks of iron and steel scrap and pig iron on hand at major consuming industries plants, at end of month, in gross tons

Date	Scrap Stocks				Pig Iron Stocks			
	Mfgs. of Steel Ingots and Castings	Mfgs. of Steel Castings	Iron Foundries and Miscel-laneous Users	Total	Mfgs. of Steel Ingots and Castings	Mfgs. of Steel Castings	Iron Foundries and Miscel-laneous Users	Total
July 31, 1956-	5,084,785	337,403	839,180	6,261,368	1,286,453	81,987	791,490	2,159,930
Aug. 31, 1956-	5,131,756	333,230	809,559	6,274,545	1,288,178	71,526	716,678	2,076,382
Sept. 30, 1956-	4,897,394	339,536	822,235	6,059,165	1,382,266	70,358	686,612	2,139,236
Oct. 31, 1956-	4,984,582	347,250	849,244	6,181,076	1,390,532	66,102	668,207	2,124,841
Nov. 30, 1956-	5,016,219	362,386	833,637	6,212,242	1,341,231	67,503	652,078	2,060,812
Dec. 31, 1956-	5,389,808	379,495	852,175	6,621,478	1,389,394	72,937	640,165	2,102,496

Table 4 - Consumption of iron and steel scrap in the United States during November and December, by grades, in gross tons

	November	December	Year to date*
No. 1 heavy melting steel-----	2,017,091	2,053,192	21,953,000
No. 2 heavy melting steel-----	566,653	578,011	7,011,000
Bundles-----	830,074	877,486	9,252,000
Low phosphorous scrap-----	413,559	381,379	4,833,000
Cast iron scrap other than borings-----	887,367	837,089	10,475,000
Turnings and/or borings, alloy free-----	272,969	261,765	3,153,000
Rerolling rails-----	48,717	44,493	604,000
Scrap rails-----	33,869	34,176	424,000
High speed steel-----	2,835	2,535	50,000
Stainless steel-----	65,051	58,049	681,000
All other alloy iron and steel-----	176,393	179,818	2,099,000
All other prepared scrap-----	794,794	768,178	8,789,000
Unprepared scrap-----	196,575	188,784	2,386,000
Total (all grades)-----	6,305,947	6,264,955	71,710,000

\* Preliminary.

#### DEALERS AND BROKERS

Data on shipments and stocks of iron and steel scrap for December 1956 were submitted on a voluntary basis by 656 dealers which represented approximately 33 percent of those that reported during January 1953. Based on data reported by 632 identical dealers during these two periods, shipments of iron and steel scrap in December increased 29 percent with stocks increasing 46 percent, over those in January 1953.

Table 5 - Reported <sup>1/</sup> shipments and stocks of iron and steel scrap on hand at dealers' and automobile wreckers yards December 1956, in gross tons

	Shipments during December 1956	Stocks December 31, 1956
No. 1 heavy melting steel-----	122,031	41,687
No. 2 heavy melting steel-----	120,652	46,905
Bundles-----	135,172	36,542
Low phosphorous scrap-----	32,002	9,700
Cast iron scrap other than borings-----	59,819	52,417
Turnings and/or borings, alloy free-----	32,961	15,266
Rerolling rails-----	2,672	1,998
Scrap rails-----	2,478	8,196
High speed steel-----	61	96
Stainless steel-----	1,441	1,730
All other alloy iron and steel-----	6,603	1,667
All other prepared scrap-----	23,362	16,589
Unprepared scrap-----	58,591	282,733
Total (all grades)-----	597,845	515,526

<sup>1/</sup> Reported by a combined total of 656 dealers and automobile wreckers.

# CONSUMPTION OF SCRAP IRON AND STEEL AND PIG IRON

Consumption of scrap in December totaled 6,264,955 tons which was at an average daily rate of 202,095 tons or 2 percent greater than for the year 1955.

In December, open-hearth furnaces used 65 percent of the total scrap, and 84 percent of the pig iron compared with 64 and 84 percent, respectively, in November; electric furnaces in December used 7 percent of the ferrous materials (scrap and pig iron) charged to all furnaces, with open-hearth using 75 percent. During 1955, these percentages were 6 and 73, respectively. Blast furnaces used 6 percent of the total scrap; the corresponding percentage for the year 1955 was 6.

During December, steel-making furnaces (open-hearth, Bessemer, and electric) accounted for 79 percent of the total scrap, and 90 percent of the pig iron consumed, compared with 78 and 89, respectively, during November. In 1955, steel-making furnaces used 76 percent of the total scrap, and 88 percent of the pig iron. The remainder was used in iron-making furnaces, principally the cupola. Consumption by type of furnace during December is shown in the following table:

Table 6 - Consumption of iron and steel scrap and pig iron by manufacturers of ingots, steel castings and iron foundries during December 1956, by type of furnace, in gross tons

Type of furnace or equipment	Steel Ingots and Castings 1/		Steel Castings 2/		Iron Foundries and Miscellaneous Users		Total	
	Scrap	Pig iron	Scrap	Pig iron	Scrap	Pig iron	Scrap	Pig iron
Open-hearth	4,021,449	5,358,927	62,031	13,457	-	-	4,083,480	5,372,384
Bessemer*	30,953	363,277	789	69	554	230	32,296	363,576
Electric	703,652	16,646	135,249	2,407	12,869	1,754	851,770	20,807
Total steel-making furnaces	4,756,054	5,738,850	198,069	15,933	13,423	1,984	4,967,546	5,756,767
Cupola	59,359	44,765	37,269	2,140	675,692	319,451	772,320	366,356
Air	2,691	1,129	19,795	4,583	59,674	13,521	82,160	19,233
Blast 3/	349,491	-	-	-	-	-	349,491	-
Direct casting	-	145,828	-	-	-	108,284	-	254,112
Ferro-alloy	-	-	-	-	26,183	-	26,183	-
Miscellaneous	25,525	-	-	-	41,730	-	67,255	-
Total December 1956	5,193,120	5,930,572	255,133	22,656	816,702	443,240	6,264,955	6,396,468
Total November 1956	5,154,644	5,743,734	280,048	22,768	871,255	471,036	6,305,947	6,237,538
Total October 1956	5,472,122	5,905,861	302,159	24,932	948,039	519,611	6,722,320	6,450,404
Total September 1956	5,181,408	5,585,385	259,265	20,875	790,344	446,887	6,231,017	6,053,147
Total August 1956	4,309,470	4,158,897	289,274	23,042	855,183	436,779	5,453,927	4,618,718
Total July 1956	1,105,811	659,508	206,949	16,537	673,853	287,704	1,986,613	963,749

\* Includes scrap and pig iron used in Oxygen Steel Process.

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

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

3/ Includes consumption in blast furnaces by both integrated and non-integrated mills.

Table 6A - Preliminary data for consumption of iron and steel scrap and pig iron by manufacturers of ingots, steel castings and iron foundries during 1956, by type of furnace, in gross tons

Type of furnace or equipment	Steel Ingots and Castings 1/		Steel Castings 2/		Iron Foundries and Miscellaneous Users		Total	
	Scrap	Pig iron	Scrap	Pig iron	Scrap	Pig iron	Scrap	Pig iron
Open-hearth	44,524,000	55,351,000	824,000	152,000	-	-	45,348,000	55,503,000
Bessemer*	350,000	3,604,000	14,000	1,000	5,000	1,000	369,000	3,606,000
Electric	7,957,000	155,000	1,746,000	31,000	160,000	25,000	9,863,000	211,000
Total steel-making furnaces	52,831,000	59,110,000	2,584,000	184,000	165,000	26,000	55,580,000	59,320,000
Cupola	688,000	544,000	495,000	30,000	8,685,000	4,212,000	9,868,000	4,786,000
Air	33,000	14,000	271,000	56,000	829,000	192,000	1,133,000	262,000
Blast 3/	3,932,000	-	-	-	-	-	3,932,000	-
Direct casting	-	1,445,000	-	-	-	1,155,000	-	2,600,000
Ferro-alloy	-	-	-	-	331,000	-	331,000	-
Miscellaneous	291,000	-	-	-	575,000	-	866,000	-
Total 1956	57,775,000	61,113,000	3,350,000	270,000	10,585,000	5,585,000	71,710,000	66,968,000

\* Includes scrap and pig iron used in Oxygen Steel Process.

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

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

3/ Includes consumption in blast furnaces by both integrated and non-integrated mills.

Table 7 - Consumers' production, receipts, consumption, and stocks of ferrous scrap, and consumption of pig iron in the United States, by State and Region, in gross tons

State and Region	Scrap			Scrap Stocks Dec. 31, 1956	Pig Iron Consumed
	Home Scrap Produced	Purchased Scrap Received	Consumed		
United States, total—	3,544,277	3,329,911 <sup>1/</sup>	6,264,955	6,621,478	6,396,468
New England, total—	29,517	39,562	66,743	84,312	21,173
Connecticut—	8,416	10,202	19,355	13,761	3,257
Maine—	217	559	445	1,102	163
Massachusetts—	16,011	23,020	36,086	53,872	13,154
New Hampshire—	593	1,002	1,612	2,638	287
Rhode Island—	3,386	3,421	7,039	10,644	3,423
Vermont—	894	1,358	2,206	2,295	889
Middle Atlantic, total—	1,114,500	1,051,010	1,894,813	1,983,475	2,046,343
New Jersey—	15,669	36,875	52,946	61,314	15,475
New York—	172,784	151,839	341,032	457,021	327,373
Pennsylvania (East)—	269,852	326,326	573,385	457,019	447,104
Pennsylvania (West)—	656,195	535,970	927,450	1,008,121	1,256,391
East North Central, total—	1,682,769	1,435,214	2,899,884	2,706,704	2,980,823
Illinois—	302,749	311,574	571,498	726,103	510,405
Indiana—	420,739	308,376	680,905	687,091	806,334
Michigan—	256,311	239,408	484,369	323,976	371,809
Ohio (East)—	561,552	416,561	886,400	663,319	1,102,787
Ohio (West)—	103,690	121,312	210,564	241,666	171,183
Wisconsin—	37,728	37,983	66,148	64,549	18,305
West North Central, total—	48,797	141,821	178,063	378,091	53,066
Iowa—	9,816	18,964	29,947	27,464	5,770
Kansas and Nebraska—	2,485	6,484	7,970	10,589	285
Minnesota—	21,543	31,132	49,849	130,334	43,844
Missouri—	14,953	85,241	90,297	209,704	3,167
South Atlantic, total—	253,399	140,652	376,725	314,523	525,469
Delaware, District of Columbia, and Maryland—	184,263	60,542	229,718	161,422	357,405
Florida and Georgia—	6,231	18,763	21,780	6,680	1,171
North Carolina—	1,547	1,980	3,755	5,756	1,188
South Carolina—	899	714	2,286	1,706	1,073
Virginia and West Virginia—	60,459	58,653	119,186	138,959	164,632
East South Central, total—	181,006	175,094	304,012	260,934	431,346
Alabama—	129,159	96,634	190,211	124,769	342,268
Kentucky, Mississippi, and Tennessee—	51,847	78,460	113,801	136,165	89,078
West South Central, total—	49,873	114,117	147,300	298,028	58,742
Arkansas, Louisiana, and Oklahoma—	3,443	16,262	12,878	34,268	611
Texas—	46,430	97,855	134,422	263,760	58,131
Rocky Mountain, total—	90,536	57,290	146,065	168,857	172,416
Arizona and Nevada—	887	4,549	4,946	11,808	22
Colorado and Utah—	89,280	51,447	138,266	152,977	172,385
Idaho—	67	195	528	1,267	-
Montana—	302	1,099	2,325	2,805	9
Pacific Coast, total—	93,880	175,151	251,350	426,554	107,090
California—	83,128	135,727	208,828	339,742	104,942
Oregon—	3,109	12,977	14,485	28,284	48
Washington—	7,643	26,447	28,037	58,528	2,100

<sup>1/</sup> Includes 200,105 gross tons that was shipped, transferred or otherwise disposed of during December.

Table 8 - Consumption of ferrous scrap and pig iron in open-hearth furnaces in the United States, by State and Region, in gross tons

State and Region	Consumption during December 1956		
	Total scrap	Pig iron	Total charge
United States, total-----	4,083,480	5,372,384	9,455,864
New England, total-----	17,873	8,108	25,981
Connecticut, Massachusetts, and Rhode Island-----	17,873	8,108	25,981
Middle Atlantic, total-----	1,439,764	1,791,463	3,231,227
New Jersey and New York-----	273,548	311,614	585,162
Pennsylvania (East)-----	467,083	399,085	866,168
Pennsylvania (West)-----	699,133	1,080,764	1,779,897
East North Central, total-----	1,764,639	2,413,923	4,178,562
Illinois-----	300,850	409,654	710,504
Indiana-----	602,697	782,085	1,384,782
Michigan and Wisconsin-----	172,940	254,534	427,474
Ohio (East)-----	579,400	817,209	1,396,609
Ohio (West)-----	108,752	150,441	259,193
West North Central, total-----	77,062	42,219	119,281
Minnesota and Missouri-----	77,062	42,219	119,281
South Atlantic, total-----	291,008	475,900	766,908
Delaware and Maryland-----	203,048	319,102	522,150
Georgia and West Virginia-----	87,960	156,798	244,758
East South Central, total-----	145,937	340,924	486,861
Alabama, Kentucky, and Tennessee-----	145,937	340,924	486,861
West South Central, total-----	75,507	46,373	121,880
Oklahoma and Texas-----	75,507	46,373	121,880
Rocky Mountain, total-----	122,527	158,708	281,235
Colorado and Utah-----	122,527	158,708	281,235
Pacific Coast, total-----	149,163	94,766	243,929
California and Washington-----	149,163	94,766	243,929

## FOREIGN TRADE 1/

According to the Bureau of the Census, exports of iron and steel scrap totaled 557,440 gross tons in December and 418,640 tons in November. Scrap licensed for export during 1956 totaled 5,629,806 gross tons. The quantity of scrap licensed for export during January 1957 totaled 557,181 gross tons, excluding Canada, to which shipments do not require an export license, according to the Office of Export Supply, United States Department of Commerce. Exports of pig iron during December totaled 47,778 tons and 42,121 tons in November. Imports of scrap totaled 27,424 tons in December compared with 25,449 tons in November. Imports of pig iron totaled 9,764 gross tons in December and 53,016 tons in November. In addition to the above imports of pig iron during December there was 587 tons of sponge iron, valued at \$55,832, imported, of which 52 tons came from Canada and 535 tons from Sweden.

Table 9 - Imports of iron and steel scrap into the United States  
in December 1956 and year 1956 by countries  
(U. S. Department of Commerce)

Country	December 1956		January to December 1956	
	Gross tons	Value	Gross tons	Value
Canada and Newfoundland-----	25,390	\$1,261,016	213,957	\$10,236,930
Cuba-----	1,816	69,213	13,338	445,366
Guatemala-----	-	-	300	6,079
Japan-----	-	-	475	224,459
Union of South Africa-----	-	-	128	3,583
All others-----	218	41,493	3,854	600,803
Total-----	27,424	\$1,371,722	232,052	\$11,517,220

Table 10 - Exports of iron and steel scrap from the United States  
by countries  
(U. S. Department of Commerce)

Country	December 1956		January to December 1956	
	Gross tons	Value	Gross tons	Value
Argentina-----	-	-	12,623	\$782,337
Austria-----	-	-	17,633	840,430
Belgium and Luxembourg-----	20,058	\$1,142,649	229,231	11,768,342
Canada-----	58,721	3,504,362	627,527	34,536,048
France-----	17,615	1,060,433	314,833	16,238,627
Italy-----	135,445	7,447,480	1,168,650	60,823,298
Japan-----	104,492	6,270,519	1,920,149	99,994,524
Mexico-----	22,552	1,173,254	317,382	15,582,725
Netherlands-----	77	16,626	31,843	1,693,719
Norway-----	-	-	6,000	274,848
Spain-----	13,764	812,630	46,863	2,491,042
Taiwan-----	116,749	7,823,937	154,870	10,111,411
United Kingdom-----	29,877	1,666,283	529,849	25,268,378
West Germany-----	27,478	1,538,665	213,231	10,974,923
Yugoslavia-----	9,499	513,428	9,521	514,653
All others-----	1,113	128,745	29,061	1,821,355
Total-----	557,440	\$33,099,011	5,629,266	\$293,716,660

Table 11 - Exports of iron and steel scrap from the United States  
by grades  
(U. S. Department of Commerce)

	December 1956		January to December 1956	
	Gross tons	Value	Gross tons	Value
No. 1 and No. 2 heavy melting steel scrap-----	309,736	\$18,787,825	3,213,605	\$167,849,460
Baled sheet melting scrap-----	121,406	6,536,469	1,403,691	69,639,611
Borings, shoveling and turnings-----	13,612	679,643	76,695	2,908,912
Iron scrap-----	93,290	5,442,434	754,508	40,114,240
Rerolling material-----	8,197	783,242	94,822	6,951,722
All other scrap 2/-----	11,199	869,398	85,945	6,252,715
Total-----	557,440	\$33,099,011	5,629,266	\$293,716,660

1/ To conform with other data in this report foreign trade data include tin plate scrap.

2/ Includes tin plate, circles, cobbles, strip, and scroll shear butts.

Revised exports of iron and steel scrap from the United States, January, March through November 1956, by countries and by grades

Country	January 1956		March 1956		April 1956		May 1956		June 1956	
	Gross tons	Value	Gross tons	Value	Gross tons	Value	Gross tons	Value	Gross tons	Value
Argentina-----	3,000	152,974	-	-	-	-	773	40,188	897	83,594
Austria-----	8,439	315,148	-	-	-	-	-	-	9,194	525,282
Belgium and Luxembourg-----	31	2,947	17,140	866,407	41,518	2,118,792	17,353	886,154	17,889	919,456
Canada-----	22,934	1,443,337	44,363	2,352,096	46,482	2,412,079	82,197	4,588,766	59,467	3,135,170
France-----	27,629	1,221,370	16,947	848,757	13,355	695,440	21,810	1,177,330	45,761	2,401,461
Italy-----	*98,361	*4,563,860	105,028	5,777,247	77,577	3,826,613	*59,208	*2,903,015	44,378	2,293,169
Japan-----	97,490	4,274,763	*131,266	*6,169,583	*166,761	*8,595,284	*162,824	*8,102,015	*148,566	*7,935,637
Mexico-----	34,994	1,663,912	24,514	1,096,102	21,520	1,016,662	24,386	1,167,104	30,275	1,462,760
Netherlands-----	7,872	357,075	8,089	411,330	-	-	8,063	423,555	89	8,500
Norway-----	6,000	274,848	-	-	-	-	-	-	-	-
Spain-----	-	-	-	-	*3,550	*153,871	-	-	*18	*1,976
Taiwan-----	*1,628	*122,903	*7,600	*407,201	*1,049	*83,607	-	-	*16,525	*991,579
United Kingdom-----	*49,448	*2,150,037	34,211	1,597,237	25,454	1,180,390	*80,351	*3,808,691	*73,156	*3,577,629
West Germany-----	15,002	671,517	46,222	2,235,270	31,917	1,452,343	54,116	2,778,244	26,028	1,614,286
Yugoslavia-----	-	-	-	-	-	-	-	-	-	-
All others-----	*3,576	*195,397	*4,104	*218,068	*2,576	*165,737	3,815	215,616	*4,031	*188,648
Total-----	*376,404	*17,110,088	*439,484	*21,979,298	*431,760	*21,700,818	*514,896	*26,090,678	*476,274	*25,139,147
Grades										
No. 1 and No. 2 heavy melting steel scrap-----	*214,387	*9,822,378	*270,111	*13,668,582	*257,549	*13,053,200	*276,150	*13,681,080	*263,404	*13,960,721
Baled sheet melting scrap-----	*102,922	*4,584,616	*103,941	*5,184,846	*110,225	*5,289,341	*136,534	*6,845,885	*126,759	*6,371,336
Borings, shoveling and turnings-----	9,634	277,385	12,905	409,523	464	15,399	2,090	66,228	8,788	310,530
Iron scrap-----	33,749	1,411,955	37,205	1,700,658	45,737	2,180,582	88,576	4,652,748	*65,967	*3,554,129
Rerolling material-----	8,274	539,888	7,164	483,658	8,066	552,320	7,579	487,163	6,000	438,701
All other scrap 1/-----	7,438	473,866	8,158	532,031	9,719	609,976	3,967	357,574	5,356	503,730
Total (all grades)-----	*376,404	*17,110,088	*439,484	*21,979,298	*431,760	*21,700,818	*514,896	*26,090,678	*476,274	*25,139,147

  

Country	July 1956		August 1956		September 1956		October 1956		November 1956	
	Gross tons	Value	Gross tons	Value	Gross tons	Value	Gross tons	Value	Gross tons	Value
Argentina-----	4,812	293,365	3,141	212,216	-	-	-	-	-	-
Austria-----	-	-	-	-	-	-	-	-	-	-
Belgium and Luxembourg-----	17,058	1,56,501	31,982	1,637,310	8,050	468,845	24,112	1,380,891	8,547	489,141
Canada-----	*45,506	*2,222,821	44,953	2,155,179	41,737	2,416,423	*51,486	*3,066,282	81,902	5,034,056
France-----	36,443	1,647,845	40,056	1,945,073	44,892	2,607,355	8,893	515,442	5,330	282,570
Italy-----	52,033	2,401,253	*50,477	*2,550,922	*139,535	*7,484,738	125,604	6,877,884	*75,405	*4,188,069
Japan-----	*147,177	*7,478,315	*161,808	*8,728,299	*172,718	*8,752,080	*322,992	*16,865,643	*200,920	*11,806,355
Mexico-----	30,416	1,504,905	27,862	1,399,899	24,927	1,264,823	25,923	1,387,173	24,344	1,318,095
Netherlands-----	*129	*12,220	-	-	28	3,314	123	13,383	7,328	443,716
Norway-----	-	-	-	-	-	-	-	-	-	-
Spain-----	-	-	*10,250	*463,986	*6,123	*281,178	*7,208	*435,996	*5,950	*341,405
Taiwan-----	*2,322	*186,347	-	-	-	-	-	-	*8,997	*495,837
United Kingdom-----	*56,756	*2,646,767	*47,106	*2,051,296	*43,968	*2,033,268	*45,328	*2,351,211	*49,870	*2,113,937
West Germany-----	188	21,975	3,711	190,259	5,578	291,568	70	5,613	58	20,840
Yugoslavia-----	-	-	-	-	-	-	-	-	-	-
All others-----	*1,328	*144,106	*1,161	*68,335	*1,147	*111,048	*1,102	*122,814	*674	*58,125
Total-----	*394,168	*19,016,420	*422,507	*21,405,774	*488,703	*25,714,640	*612,841	*33,022,632	*439,915	*25,592,119
Grades										
No. 1 and No. 2 heavy melting steel scrap-----	*204,723	*9,846,086	*260,596	*13,214,453	*273,772	*14,229,390	*350,370	*19,045,051	*236,800	*13,512,074
Baled sheet melting scrap-----	*80,766	*3,697,440	*90,865	*4,302,586	*123,196	*6,173,110	*176,203	*8,923,772	*92,438	*4,953,958
Borings, shoveling and turnings-----	1,034	38,786	6,789	265,361	1,321	56,204	10,762	423,503	4,777	204,032
Iron scrap-----	*90,174	*4,151,531	*50,235	*2,612,965	73,658	4,072,823	56,458	3,201,517	*94,661	*5,977,809
Rerolling material-----	12,031	827,990	*10,042	*750,771	*8,810	*645,419	7,720	615,050	6,381	539,735
All other scrap 1/-----	5,440	454,587	3,980	259,638	7,946	537,694	*11,328	*813,739	4,858	404,511
Total (all grades)-----	*394,168	*19,016,420	*422,507	*21,405,774	*488,703	*25,714,640	*612,841	*33,022,632	*439,915	*25,592,119

\* Revised.

1/ Includes tin plate, circles, cobbles, strip, and scroll shear butts.