



U.S. Department of the Interior • Bureau of Mines



MINERAL INDUSTRY SURVEYS

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IRON AND STEEL SCRAP IN MARCH 1991

Returns from 47% of reporting consumers, representing 56% of total scrap consumption, indicated that consumption of iron and steel scrap on a daily average basis was 5% below that in February 1991, according to the Bureau of Mines, U.S. Department of the Interior. Compared with February 1991 data, daily average production was down 5%, net receipts were down 4%, and stocks at the end of the month were up 2%.

Exports of ferrous scrap for the month of March 1991 were slightly higher than those for February 1991. Turkey was the principal country of destination, accounting for 23% of the total exports in March 1991, followed by the Republic of Korea with 18%, and India with 11%.

On a daily average basis, pig iron production was up 3% and consumption was up 4% compared with that of the previous month. Stocks of pig iron at monthend were up 3%, compared with those at the end of February 1991.

Table 14A shows that, on a quantity basis, New York, NY, was the leading customs district for exports in March 1991, accounting for 16% of the total exports, followed by Philadelphia, PA, with 13%, and Los Angeles, CA, with 12%. Re-exports in March 1991 from Detroit, MI, the only customs district reporting any, only amounted to 159 metric tons.

Table 15A shows that, on a quantity basis, Seattle, WA, was the leading customs district for imports in March 1991, accounting for 37% of the total imports, followed by Detroit, MI, with 32%, and Ogdensburg NY, with 12%.

Domestic raw steel production in March 1991, according to the American Iron and Steel Institute, amounted to 6,607,000 metric tons, up 9% compared with 6,082,000 tons in February 1991 and down 14% compared with 7,716,000 metric tons in March 1990. Year-to-date production through March 1991 was

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19,476,000 metric tons, down 12% compared with 22,144,000 metric tons for the same period in 1990. The electric furnace (EF) share of raw steel production was 38% for March 1991, 42% for February 1991, and 38% for March 1990. The EF share through March was 39% in 1991 and 37% in 1990. Raw steel capability utilization was 72% for March 1991, 73% for February 1991, and 86% for March 1990. Capability utilization through March was 73% in 1991 and 85% in 1990. Continuous cast steel production in the United States represented 77% of total raw steel production in March 1991, 78% in February 1991, and 66% in March 1990. Through March, continuous cast steel production was 76% of total raw steel production in 1991 compared with 66% in 1990.

An internal evaluation indicates that ferrous scrap consumption by electric furnace manufacturers of raw steel in 1991 was understated. This amounted to approximately 815,000 metric tons for March (preliminary), 814,000 metric tons (revised) for February, and 2.5 million metric tons for year-to-date through March.

Comparative monthly composite prices in dollars per long ton (\$/lt) and dollars per metric ton (\$/mt) for No. 1 heavy melting steel scrap as quoted by two sources are shown:

Month	American Metal Market				Iron Age			
	1990		1991		1990		1991	
	\$/lt	\$/mt	\$/lt	\$/mt	\$/lt	\$/mt	\$/lt	\$/mt
January	102.74	101.12	104.71	103.06	104.10	102.46	103.25	101.62
February	102.96	101.33	102.36	100.74	102.58	100.96	100.67	99.08
March	100.02	98.44	98.79	97.23	100.50	98.91	98.50	96.94
April	106.05	104.38	97.78	96.24	108.37	106.66	98.23	96.68
May	110.93	109.18	94.78	93.28	112.17	110.40	93.50	92.02
June	107.65	105.95	88.97	87.56	109.50	107.77	87.92	86.53
July	105.70	104.03			107.76	106.06		
August	114.33	112.52			114.17	112.37		
September	112.59	110.81			111.75	109.99		
October	110.63	108.88			109.90	108.16		
November	107.33	105.63			104.42	102.77		
December	104.83	103.17			103.24	101.61		
Average	107.15	105.46			107.37	105.67		

TABLE 1. - U.S. RECEIPTS, PRODUCTION, CONSUMPTION, SHIPMENTS, AND STOCKS OF IRON AND STEEL SCRAP AND PIG IRON, BY TYPE OF MANUFACTURER

	METRIC TONS						TOTAL YEAR THROUGH MAR 1991 5/
	MARCH 1991 (PRELIMINARY) 1/						
	MFRS. OF PIG IRON AND RAW STEEL & CASTINGS 2/	MFRS. OF STEEL CASTINGS 3/	IRON FOUNDRIES AND MISCEL- LANEOUS USERS	TOTAL FOR MONTH OF MAR 1991	REVISED TOTAL FOR MONTH OF FEB 1991 4/		
SCRAP:							
RECEIPTS FROM DEALERS AND OTHER SOURCES	2,248,850	183,884	614,924	3,047,657	2,834,429	8,865,489	
RECEIPTS FROM OTHER OWN COMPANY PLANTS	86,457	1,808	57,149	145,414	178,832	478,061	
PRODUCTION RECIRCULATING SCRAP	1,220,028	78,869	331,807	1,630,704	1,541,225	4,927,905	
PRODUCTION OBSOLETE SCRAP	53,436	55	5,399	58,890	57,835	161,247	
CONSUMPTION	3,357,433	256,724	1,051,436	4,665,593	4,457,990	14,070,294	
SHIPMENTS	176,650	2,215	26,932	205,797	208,863	582,093	
STOCKS END OF MONTH	3,124,529	223,595	703,683	4,051,808	3,978,054	--	
PIG IRON:							
RECEIPTS	311,330	1,870	81,538	394,737	319,731	992,207	
PRODUCTION	3,535,683	--	--	3,535,683	3,089,768	10,219,227	
CONSUMPTION	3,787,998	1,678	75,855	3,865,532	3,354,130	11,025,977	
SHIPMENTS	68,574	88	3,001	71,663	74,652	221,646	
STOCKS END OF MONTH	56,901	5,128	66,066	128,095	124,507	--	
DIRECT-REDUCED OR PREREDUCED IRON:							
RECEIPTS 6/	--	--	--	159,705	150,358	444,369	
PRODUCTION	--	--	--	W	W	W	
CONSUMPTION	--	--	--	167,231	135,275	443,896	
SHIPMENTS	--	--	--	W	W	W	
STOCKS END OF MONTH	--	--	--	54,301	66,422	--	

W WITHHELD TO AVOID DISCLOSING INDIVIDUAL COMPANY PROPRIETARY DATA.

1/ BASED ON RETURNS FROM 47% OF REPORTING CONSUMERS, REPRESENTING 56% OF SCRAP CONSUMPTION.

2/ INCLUDES ONLY THOSE MANUFACTURERS OF STEEL CASTINGS THAT ALSO PRODUCE RAW STEEL.

3/ EXCLUDES COMPANIES THAT PRODUCE BOTH RAW STEEL AND CASTINGS.

4/ BASED ON RETURNS FROM 50% OF REPORTING CONSUMERS, REPRESENTING 59% OF SCRAP CONSUMPTION.

5/ CUMULATIVE TOTALS MAY NOT AGREE WITH SUM OF MONTHLY REPORTS BECAUSE OF ADDITION OF REPORTS FROM LATE RESPONDENTS.

6/ INCLUDES PRODUCTION.

TABLE 2.- MANUFACTURERS OF PIG IRON AND RAW STEEL AND CASTINGS 1/ RECEIPTS, PRODUCTION, CONSUMPTION, SHIPMENTS AND STOCKS OF PIG IRON AND IRON AND STEEL SCRAP, BY GRADE, MARCH 1991 (PRELIMINARY) 2/

ITEM	(METRIC TONS)									
	RECEIPTS OF SCRAP			PRODUCTION OF HOME SCRAP			CONSUMPTION OF BOTH PURCHASED AND HOME SCRAP (INCLUDES RE-CIRCULATING SCRAP)			
	FROM DEALERS AND OTHER SOURCES	FROM OWN COMPANY PLANTS	RECIRCULATING SCRAP RESULTING FROM CURRENT OPERATIONS	OBsolete SCRAP (INCLUDES INGOT MOLDS, STTOOLS, AND SCRAP FROM OLD EQUIPMENT, BUILDINGS, ETC.)	FROM PURCHASED SCRAP	ENDING STOCKS	SHIPMENTS OF SCRAP	ENDING STOCKS	SHIPMENTS OF SCRAP	ENDING STOCKS
SCRAP										
CARBON STEEL										
LOW-PHOSPHORUS PLATE AND PUNCHINGS	27,788	--	16,544	722	44,121	2,126	43,438			
CUT STRUCTURAL AND PLATE	77,179	6,490	20,942	--	104,126	1,431	108,126			
NO. 1 HEAVY MELTING STEEL	573,327	-151,919	502,936	32,188	930,141	34,348	874,785			
NO. 2 HEAVY MELTING STEEL	240,388	9,265	47,765	151	286,570	1,208	304,682			
NO. 1 AND ELECTRIC FURNACE BUNDLES	375,204	3,157	56,030	-23	397,427	42,092	456,082			
NO. 2 AND ALL OTHER BUNDLES	56,225	4,954	7,223	--	66,007	7	44,603			
ELECTRIC FURNACE 1 FOOT AND UNDER (NOT BUNDLES)	552	17,358	1	--	18,273	--	9,588			
RAILROAD RAILS	13,040	1,843	2,175	--	16,721	--	11,167			
TURNINGS AND BORINGS	63,277	7,080	12,477	--	83,548	997	64,409			
SLAG SCRAP (FE CONTENT 79 PERCENT)	72,926	22,310	135,800	86	225,883	10,978	94,377			
SERDEDDED AND FRAGMENTIZED	238,086	109,757	7,887	--	323,272	--	304,194			
NO. 1 BUSHING	98,228	6,998	5,570	8	98,298	2,869	89,655			
ALL OTHER CARBON STEEL SCRAP	257,946	6,725	272,502	1,474	473,180	39,825	267,454			
STAINLESS STEEL SCRAP										
ALLOY STEEL (EXCEPT STAINLESS)	41,520	1,436	33,633	--	76,804	1,199	46,240			
INGOT MOLD AND STUOL SCRAP	8,035	7,215	49,309	26	66,039	369	95,751			
MACHINERY AND CUPOLA CAST IRON	39,033	7,124	15,254	18,688	50,255	21,868	136,207			
CAST IRON BORINGS	--	-343	315	--	58	151	142			
MOTOR BLOCKS	9,593	5	2	73	8,938	16	5,723			
OTHER IRON SCRAP	--	--	--	--	--	--	--			
OTHER MIXED SCRAP	12,990	12,383	28,147	21	29,786	17,068	105,419			
	43,515	14,618	5,515	20	57,985	96	62,489			
TOTAL SCRAP	2,248,852	86,456	1,220,027	53,434	3,357,432	176,648	3,124,531			
TOTAL SCRAP THROUGH MARCH 1991	6,426,586	283,188	3,654,859	143,158	10,028,409	509,401	3,124,529			
		RECEIPTS	PRODUCTION	CONSUMPTION	SHIPMENTS	STOCKS				
PIG IRON		311,330	3,535,683	3,787,998	68,574	56,901				
PIG IRON THROUGH MARCH 1991		741,252	10,219,227	10,797,673	216,988	56,901				

1/ INCLUDES ONLY THOSE MANUFACTURERS OF STEEL CASTINGS THAT ALSO PRODUCE RAW STEEL

2/ BASED ON RETURNS FROM 43% OF REPORTING CONSUMERS, REPRESENTING 59% OF SCRAP CONSUMPTION.

TABLE 3.- MANUFACTURERS OF STEEL CASTINGS 1/ - RECEIPTS, PRODUCTION, CONSUMPTION, SHIPMENTS, AND STOCKS OF PIG IRON AND IRON AND STEEL SCRAP, BY GRADE, MARCH 1991 (PRELIMINARY) 2/

ITEM	(METRIC TONS)						ENDING STOCKS
	RECEIPTS OF SCRAP		PRODUCTION OF HOME SCRAP		CONSUMPTION OF BOTH PURCHASED AND HOME SCRAP (INCLUDES RE-CIRCULATING SCRAP)		
	FROM BROKERS, DEALERS AND OTHER SOURCES	FROM OTHER OWN COMPANY PLANTS	RE-CIRCULATING SCRAP RESULTING FROM CURRENT OPERATIONS	OBsolete SCRAP (INCLUDES INGOT Molds, STools, AND SCRAP FROM OLD EQUIPMENT, BUILDINGS, ETC.)	CONSUMPTION OF BOTH PURCHASED AND HOME SCRAP (INCLUDES RE-CIRCULATING SCRAP)	SHIPMENTS OF SCRAP	ENDING STOCKS
SCRAP							
CARBON STEEL							
LOW-PHOSPHORUS PLATE AND PUNCHINGS	43,207	--	10,819	36	59,252	--	33,480
CUT STRUCTURAL AND PLATE	23,477	1,033	4,464	19	29,043	428	34,164
NO. 1 HEAVY MELTING STEEL	17,927	--	6,123	--	21,406	--	14,138
NO. 2 HEAVY MELTING STEEL	11,261	--	136	--	11,858	--	8,197
NO. 1 AND ELECTRIC FURNACE BUNDLES	927	--	--	--	103	--	1,125
NO. 2 AND ALL OTHER BUNDLES	--	--	--	--	--	--	--
ELECTRIC FURNACE 1 FOOT AND UNDER (NOT BUNDLES)	4,723	718	--	--	5,440	--	3,848
RAILROAD RAILS	6,175	--	--	--	6,214	--	3,179
TURNINGS AND BORINGS	1,499	--	1,295	--	2,282	321	1,893
SLAG SCRAP (FE CONTENT 79 PERCENT)	--	--	--	--	--	--	--
SERDEDDED AND FRAGMENTIZED	5,984	--	--	--	4,708	--	1,468
NO. 1 BUSHING	5,447	--	--	--	4,521	--	4,403
ALL OTHER CARBON STEEL SCRAP	28,601	--	22,367	--	46,810	--	27,852
STAINLESS STEEL SCRAP							
ALLOY STEEL (EXCEPT STAINLESS)	2,198	57	2,260	--	5,514	--	10,023
INGOT MOLD AND STUOL SCRAP	8,731	--	22,027	--	27,807	290	57,080
MACHINERY AND CUPOLA CAST IRON	15,789	--	3,137	--	20,234	--	5,975
MOTOR BLOCKS	5,536	--	1,171	--	4,568	--	3,963
OTHER IRON SCRAP	2,403	--	4,208	--	6,084	1,176	12,625
OTHER MIXED SCRAP	--	--	862	--	862	--	181
TOTAL SCRAP	183,885	1,808	78,869	55	256,725	2,215	223,594
TOTAL SCRAP THROUGH MARCH 1991	541,257	5,399	239,575	1,882	775,704	4,814	223,595
RECEIPTS		PRODUCTION		CONSUMPTION		SHIPMENTS	
1,870		--		1,678		88	
5,572		--		4,930		264	
PIG IRON THROUGH MARCH 1991							
1,870		--		1,678		88	
5,572		--		4,930		264	

1/ EXCLUDES COMPANIES THAT PRODUCE BOTH RAW STEEL AND CASTINGS.

2/ BASED ON RETURNS FROM 41% OF REPORTING CONSUMERS, REPRESENTING 36% OF SCRAP CONSUMPTION.

TABLE 4.- IRON FOUNDRIES AND MISCELLANEOUS USERS - RECEIPTS, PRODUCTION, CONSUMPTION, SHIPMENTS, AND STOCKS OF PIG IRON AND STEEL SCRAP, BY GRADE, MARCH 1991 (PRELIMINARY) 1/ (METRIC TONS)

ITEM	RECEIPTS OF SCRAP			PRODUCTION OF HOME SCRAP			CONSUMPTION OF BOTH PURCHASED AND HOME SCRAP (INCLUDES RE-CIRCULATING SCRAP)		ENDING STOCKS
	FROM BROKERS, DEALERS AND OTHER SOURCES	FROM OTHER OWN COMPANY PLANTS	FROM RE-CIRCULATING SCRAP RESULTING FROM CURRENT OPERATIONS	OBsolete SCRAP (INCLUDES INGOT MOLDS, STOOLES, AND SCRAP FROM OLD EQUIPMENT, BUILDINGS, ETC.)	HOME SCRAP (INCLUDES RE-CIRCULATING SCRAP)	SHIPMENTS OF SCRAP	CONSUMPTION OF BOTH PURCHASED AND HOME SCRAP (INCLUDES RE-CIRCULATING SCRAP)		
SCRAP									
CARBON STEEL									
LOW-PHOSPHORUS PLATE AND PUNCHINGS	93,662	3,045	8,903	3,112	109,607	--	109,607	59,027	
CUT STRUCTURAL AND PLATE	78,328	836	6,784	--	88,699	32	88,699	50,547	
NO. 1 HEAVY MELTING STEEL	7,316	8,149	8,790	--	23,920	426	23,920	27,802	
NO. 2 HEAVY MELTING STEEL	10,576	--	24,444	--	17,331	20,253	17,331	3,537	
NO. 1 AND ELECTRIC FURNACE BUNDLES	10,463	8,607	--	--	16,878	--	16,878	5,596	
NO. 2 AND ALL OTHER BUNDLES	10,652	--	1,080	--	12,253	--	12,253	19,343	
ELECTRIC FURNACE 1 FOOT AND UNDER (NOT BUNDLES)	762	483	730	--	1,979	--	1,979	848	
RAILROAD RAILS	21,071	--	174	--	21,269	174	21,269	11,890	
TURNINGS AND BORINGS	23,890	--	536	--	26,457	171	26,457	31,527	
SLAG SCRAP (FE CONTENT 79 PERCENT)	2,201	--	--	--	2,083	--	2,083	1,679	
SERREDED AND FRAGMENTIZED	72,297	2,226	--	--	126,393	--	126,393	36,962	
NO. 1 BUSHING	25,398	4,903	738	--	36,842	--	36,842	12,339	
ALL OTHER CARBON STEEL SCRAP	40,848	--	3,741	--	45,649	--	45,649	61,461	
STAINLESS STEEL SCRAP									
ALLOY STEEL (EXCEPT STAINLESS)	698	--	4,387	--	4,946	57	4,946	3,678	
INGOT MOLD AND STOOLE SCRAP	1,776	--	762	--	2,615	12	2,615	12,576	
MACHINERY AND CUFOLE CAST IRON	16,302	670	11,346	--	34,704	--	34,704	25,548	
CAST IRON BORINGS	77,119	17,010	18,673	2,224	108,154	2,021	108,154	126,664	
MOTOR BLOCKS	35,153	6,431	6,361	--	41,932	726	41,932	46,075	
OTHER IRON SCRAP	27,265	3,435	35,507	--	66,557	920	66,557	35,792	
OTHER MIXED SCRAP	40,570	1,279	167,225	--	210,409	332	210,409	72,108	
	18,577	76	31,624	64	52,761	1,807	52,761	58,684	
TOTAL SCRAP	614,924	57,150	331,805	5,400	1,051,438	26,931	1,051,438	703,683	
TOTAL SCRAP THROUGH MARCH 1991	1,897,647	189,475	1,033,472	16,207	3,266,182	67,878	3,266,182	703,683	
	RECEIPTS			PRODUCTION			CONSUMPTION		SHIPMENTS
PIG IRON		81,538			75,855	3,001		66,066	
PIG IRON THROUGH MARCH 1991		245,384			223,374	4,394		66,066	

1/ BASED ON RETURNS FROM 50% OF REPORTING CONSUMERS, REPRESENTING 53% OF SCRAP CONSUMPTION.

TABLE 5. - CONSUMPTION OF IRON AND STEEL SCRAP AND PIG IRON IN THE UNITED STATES
IN MARCH 1991 (PRELIMINARY) BY TYPE OF CONSUMER AND TYPE OF FURNACE OR OTHER USE
(METRIC TONS)

TYPE OF FURNACE OR OTHER USE	MANUFACTURERS OF PIG IRON AND RAW STEEL AND CASTINGS 1/		MANUFACTURERS OF STEEL CASTINGS 2/		IRON FOUNDRIES AND MISCELLANEOUS USERS		TOTAL ALL TYPES	
	SCRAP	PIG IRON	SCRAP	PIG IRON	SCRAP	PIG IRON	SCRAP	PIG IRON
BLAST FURNACE 3/	257,437	--	--	--	--	--	257,437	--
BASIC OXYGEN PROCESS 4/	1,127,775	3,664,165	--	--	--	--	1,127,775	3,664,165
OPEN-HEARTH FURNACE	54,210	102,814	--	--	--	--	54,210	102,814
ELECTRIC FURNACE	1,892,185	283	223,583	1,666	494,055	53,595	2,609,823	55,524
CUPOLA FURNACE	--	--	33,141	13	553,070	21,056	586,211	21,068
OTHER (INCLUDING AIR FURNACE) 5/	25,826	15,473	--	--	4,310	1,205	30,136	16,678
DIRECT CASTINGS 6/	--	5,283	--	--	--	--	--	5,283
TOTAL	3,357,433	3,787,998	256,724	1,679	1,051,435	75,856	4,665,592	3,865,532

1/ INCLUDES ONLY THOSE CASTINGS MADE BY COMPANIES PRODUCING RAW STEEL.

2/ EXCLUDES COMPANIES THAT PRODUCE BOTH RAW STEEL AND STEEL CASTINGS.

3/ INCLUDES CONSUMPTION IN ALL BLAST FURNACES PRODUCING PIG IRON.

4/ INCLUDES SCRAP AND PIG IRON PROCESSED IN METALLURGICAL BLAST CUPOLAS AND USED IN OXYGEN CONVERTERS.

5/ INCLUDES VACUUM MELTING FURNACES AND MISCELLANEOUS USES.

6/ INCLUDES INGOT MOLDS AND STOOLS.

TABLE 6.- MANUFACTURERS OF PIG IRON AND RAW STEEL AND CASTINGS 1/ RECEIPTS, PRODUCTION, CONSUMPTION, SHIPMENTS AND STOCKS OF PIG IRON AND IRON AND STEEL SCRAP, BY GRADE, FEBRUARY 1991 (REVISED) 2/

ITEM	(METRIC TONS)										
	RECEIPTS OF SCRAP			PRODUCTION OF HOME SCRAP			CONSUMPTION OF BOTH PURCHASED AND HOME SCRAP (INCLUDES RE-CIRCULATING SCRAP)				
	FROM BROKERS, DEALERS AND OTHER SOURCES	FROM OWN COMPANY PLANTS	RECIRCULATING SCRAP RESULTING FROM CURRENT OPERATIONS	OBsolete SCRAP (INCLUDES INGOT MOLDS, STTOOLS, AND SCRAP FROM OLD EQUIPMENT, BUILDINGS, ETC.)		OF BOTH PURCHASED AND HOME SCRAP	SHIPMENTS OF SCRAP	ENDING STOCKS			
SCRAP											
CARBON STEEL											
LOW-PHOSPHORUS PLATE AND PUNCHINGS	30,664	--	17,154	722	46,289	2,126	44,033				
CUT STRUCTURAL AND PLATE	88,561	6,418	21,466	--	113,409	1,922	108,472				
NO. 1 HEAVY MELTING STEEL	472,124	-108,392	439,381	33,525	779,962	32,155	879,011				
NO. 2 HEAVY MELTING STEEL	241,026	9,854	50,840	151	308,587	629	287,413				
NO. 1 AND ELECTRIC FURNACE BUNDLES	337,054	31,269	54,996	381	365,919	44,238	462,806				
NO. 2 AND ALL OTHER BUNDLES	63,505	4,954	7,227	--	75,598	7	42,701				
ELECTRIC FURNACE 1 FOOT AND UNDER (NOT BUNDLES)	1,569	17,146	5	--	18,353	--	9,951				
RAILROAD RAILS	15,253	1,629	1,707	--	17,110	--	10,716				
TURNINGS AND BORINGS	62,794	6,920	11,952	--	86,468	817	73,324				
SLAG SCRAP (FE CONTENT 79 PERCENT)	63,263	19,952	97,727	86	163,309	18,318	100,290				
SERIALIZED AND FRAGMENTIZED	220,328	119,214	7,427	--	350,656	--	268,810				
NO. 1 BUSHING	88,547	6,511	4,489	8	87,557	2,759	77,864				
ALL OTHER CARBON STEEL SCRAP	221,698	-15,924	290,482	1,059	479,321	30,969	235,690				
STAINLESS STEEL SCRAP											
ALLOY STEEL (EXCEPT STAINLESS)	40,968	1,217	28,614	--	69,958	938	45,732				
INGOT MOLD AND STUOL SCRAP	8,349	3,642	48,424	26	65,158	592	99,308				
MACHINERY AND CUPOLA CAST IRON	28,467	1,712	15,969	14,599	37,734	31,543	134,453				
CAST IRON BORINGS	3,487	81	767	--	59	541	730				
MOTOR BLOCKS	--	5	2	49	3,963	1,514	4,835				
OTHER IRON SCRAP	8,938	-8,000	22,902	42	25,372	14,831	99,165				
OTHER MIXED SCRAP	43,584	11,535	5,564	20	56,272	1,604	57,137				
TOTAL SCRAP	2,040,179	109,743	1,127,095	50,668	3,147,054	185,503	3,042,441				
TOTAL SCRAP THROUGH FEBRUARY 1991	4,177,736	196,731	2,434,831	89,722	6,670,976	332,751	3,042,443				
	RECEIPTS			PRODUCTION			CONSUMPTION			SHIPMENTS	
PIG IRON		240,013		3,089,768		73,875		50,911			
PIG IRON THROUGH FEBRUARY 1991		429,922		6,683,544		148,414		50,911			

1/ INCLUDES ONLY THOSE MANUFACTURERS OF STEEL CASTINGS THAT ALSO PRODUCE RAW STEEL

2/ BASED ON RETURNS FROM 45% OF REPORTING CONSUMERS, REPRESENTING 61% OF SCRAP CONSUMPTION.

TABLE 7.- MANUFACTURERS OF STEEL CASTINGS 1/ - RECEIPTS, PRODUCTION, CONSUMPTION, SHIPMENTS, AND STOCKS OF PIG IRON AND IRON AND STEEL SCRAP, BY GRADE, FEBRUARY 1991 (REVISED) 2/

ITEM	(METRIC TONS)											
	RECEIPTS OF SCRAP					PRODUCTION OF HOME SCRAP					ENDING STOCKS	
	FROM BROKERS AND OTHER SOURCES	FROM OTHER OWN COMPANY PLANTS	RECYCLING SCRAP	OBsolete SCRAP (INCLUDES INGOT MOLD, STOOLES, AND SCRAP FROM OLD EQUIPMENT, BUILDINGS, ETC.)	CONSUMPTION OF BOTH PURCHASED AND HOME SCRAP (INCLUDES RECYCLING SCRAP)	SHIPMENTS OF SCRAP	ENDING STOCKS					
SCRAP												
CARBON STEEL												
LOW-PHOSPHORUS PLATE AND PUNCHINGS	43,471	--	10,059	29	56,527	--	35,533					
CUT STRUCTURAL AND PLATE	24,288	1,033	4,490	19	29,349	421	35,877					
NO. 1 HEAVY MELTING STEEL	18,380	--	6,806	--	22,560	--	14,140					
NO. 2 HEAVY MELTING STEEL	11,261	--	136	--	11,858	--	8,197					
NO. 1 AND ELECTRIC FURNACE BUNDLES	679	--	--	--	718	--	301					
NO. 2 AND ALL OTHER BUNDLES	--	--	--	--	--	--	--					
ELECTRIC FURNACE 1 FOOT AND UNDER (NOT BUNDLES)	4,723	718	--	--	5,440	--	3,848					
RAILROAD RAILS	6,572	--	--	--	6,462	--	3,310					
TURNINGS AND BORINGS	1,499	--	1,455	--	2,573	321	1,703					
SLAG SCRAP (FE CONTENT 79 PERCENT)	--	--	--	--	--	--	--					
SHREDDED AND FRAGMENTIZED	5,356	--	--	--	5,156	--	392					
NO. 1 BUSHING	4,855	--	--	--	4,659	--	3,478					
ALL OTHER CARBON STEEL SCRAP	23,834	--	20,413	1,752	45,614	--	24,638					
STAINLESS STEEL SCRAP	2,480	38	2,676	--	5,945	--	10,385					
ALLOY STEEL (EXCEPT STAINLESS)	8,494	--	22,354	--	27,607	530	57,903					
INGOT MOLD AND STOOLE SCRAP	--	--	--	--	--	--	--					
MACHINERY AND CUPOLA CAST IRON	15,789	13	3,137	--	20,247	--	5,975					
CAST IRON BORINGS	5,536	--	1,143	--	4,569	--	3,875					
MOTOR BLOCKS	--	--	--	--	19	--	--					
OTHER IRON SCRAP	2,569	--	6,166	--	8,127	103	13,259					
OTHER MIXED SCRAP	--	--	862	--	862	--	181					
TOTAL SCRAP	179,786	1,802	79,697	1,800	258,292	1,375	222,995					
TOTAL SCRAP THROUGH FEBRUARY 1991	357,373	3,591	160,706	1,826	518,980	2,598	222,997					
PIG IRON												
		1,828			1,496	88	4,849					
PIG IRON THROUGH FEBRUARY 1991		3,702			3,251	176	4,849					

1/ EXCLUDES COMPANIES THAT PRODUCE BOTH RAW STEEL AND CASTINGS.

2/ BASED ON RETURNS FROM 38% OF REPORTING CONSUMERS, REPRESENTING 32% OF SCRAP CONSUMPTION.

TABLE 8.- IRON FOUNDRIES AND MISCELLANEOUS USERS - RECEIPTS, PRODUCTION, CONSUMPTION, SHIPMENTS, AND STOCKS OF PIG IRON AND IRON AND STEEL SCRAP, BY GRADE, FEBRUARY 1991 (REVISED) 1/
(METRIC TONS)

ITEM	RECEIPTS OF SCRAP			PRODUCTION OF IRON SCRAP			CONSUMPTION OF BOTH PURCHASED AND HOME SCRAP (INCLUDES RE-CIRCULATING SCRAP)			ENDING STOCKS
	FROM BROKERS, DEALERS AND OTHER SOURCES	FROM OTHER OWN COMPANY PLANTS	FROM SCRAP RESULTING FROM CURRENT OPERATIONS	OBsolete SCRAP (INCLUDES INGOT MOLDS, STOOLES, AND SCRAP FROM OLD EQUIPMENT, BUILDINGS, ETC.)	RE-CIRCULATING SCRAP (INCLUDES INGOT MOLDS, STOOLES, AND SCRAP FROM CURRENT OPERATIONS)	CONSUMPTION OF BOTH PURCHASED AND HOME SCRAP (INCLUDES RE-CIRCULATING SCRAP)	SHIPMENTS OF SCRAP	ENDING STOCKS		
SCRAP										
CARBON STEEL										
LOW-PHOSPHORUS PLATE AND PUNCHINGS	96,182	4,227	9,713	3,112	111,853	--	59,430			
CUT STRUCTURAL AND PLATE	80,146	883	6,655	--	91,434	32	54,288			
NO. 1 HEAVY MELTING STEEL	6,883	8,999	8,762	--	24,251	426	27,893			
NO. 2 HEAVY MELTING STEEL	9,509	--	21,133	--	17,883	15,323	4,738			
NO. 1 AND ELECTRIC FURNACE BUNDLES	7,445	8,327	1,099	--	20,603	--	3,586			
NO. 2 AND ALL OTHER BUNDLES	7,466	--	--	--	7,247	--	19,738			
ELECTRIC FURNACE 1 FOOT AND UNDER (NOT BUNDLES)	762	603	692	--	1,833	--	969			
RAILROAD RAILS	21,664	--	174	--	21,189	174	12,459			
TURNS AND BORINGS	18,684	--	507	--	17,944	171	33,699			
SLAG SCRAP (FE CONTENT 79 PERCENT)	1,861	--	381	--	2,201	381	1,561			
SHREDDED AND FRAGMENTIZED	71,698	2,423	--	--	127,059	--	36,033			
NO. 1 BUSHING	28,252	11,496	782	--	44,526	--	12,580			
ALL OTHER CARBON STEEL SCRAP	39,238	318	2,865	--	43,597	--	61,783			
STAINLESS STEEL SCRAP										
ALLOY STEEL (EXCEPT STAINLESS)	469	--	4,553	--	5,071	65	3,754			
INGOT MOLD AND STOOLE SCRAP	1,814	--	794	--	2,589	12	12,653			
MACHINERY AND CUPOLA CAST IRON	17,596	571	11,538	--	28,559	--	31,402			
CAST IRON BORINGS	75,850	17,010	20,610	2,191	109,758	2,021	120,768			
MOTOR BLOCKS	37,848	7,374	6,252	--	44,850	720	41,001			
OTHER IRON SCRAP	27,353	2,171	33,615	--	62,469	953	36,248			
OTHER MIXED SCRAP	42,512	983	169,538	--	210,324	848	74,133			
	21,233	1,905	34,767	64	57,404	856	63,898			
TOTAL SCRAP	614,465	67,290	334,430	5,367	1,052,644	21,982	712,614			
TOTAL SCRAP THROUGH FEBRUARY 1991	1,282,723	132,326	701,664	10,808	2,214,746	40,947	712,615			
PIG IRON										
		77,890		--	71,224	689	68,746			
	163,846			--	147,519	1,393	68,746			

1/ BASED ON RETURNS FROM 55% OF REPORTING CONSUMERS, REPRESENTING 58% OF SCRAP CONSUMPTION.

TABLE 9. - CONSUMPTION OF IRON AND STEEL SCRAP AND PIG IRON IN THE UNITED STATES
IN FEBRUARY 1991 (REVISED) BY TYPE OF CONSUMER AND TYPE OF FURNACE OR OTHER USE
(METRIC TONS)

TYPE OF FURNACE OR OTHER USE	MANUFACTURERS OF PIG IRON AND RAW STEEL AND CASTINGS 1/				MANUFACTURERS OF STEEL CASTINGS 2/		IRON FOUNDRIES AND MISCELLANEOUS USERS		TOTAL ALL TYPES			
	SCRAP		PIG IRON		SCRAP		PIG IRON		SCRAP		PIG IRON	
BLAST FURNACE 3/	202,526	--	--	--	--	--	--	--	--	202,526	--	--
BASIC OXYGEN PROCESS 4/	917,398	3,157,577	--	--	--	--	--	--	--	917,398	3,157,577	--
OPEN-HEARTH FURNACE	54,210	102,814	--	--	--	--	--	--	--	54,210	102,814	--
ELECTRIC FURNACE	1,947,470	262	225,418	1,477	501,943	48,164	21,856	2,674,832	49,903	580,179	21,875	--
CUPOLA FURNACE	--	--	32,875	19	547,305	--	--	28,843	--	--	--	--
OTHER (INCLUDING AIR FURNACE) 5/	25,450	15,473	--	--	3,393	1,205	--	--	--	--	--	--
DIRECT CASTINGS 6/	--	5,283	--	--	--	--	--	--	--	--	5,283	--
TOTAL	3,147,054	3,281,409	258,293	1,496	1,052,641	71,225	4,457,988	3,354,130	--	--	--	--

1/ INCLUDES ONLY THOSE CASTINGS MADE BY COMPANIES PRODUCING RAW STEEL.

2/ EXCLUDES COMPANIES THAT PRODUCE BOTH RAW STEEL AND STEEL CASTINGS.

3/ INCLUDES CONSUMPTION IN ALL BLAST FURNACES PRODUCING PIG IRON.

4/ INCLUDES SCRAP AND PIG IRON PROCESSED IN METALLURGICAL BLAST CUPOLAS AND USED IN OXYGEN CONVERTERS.

5/ INCLUDES VACUUM MELTING FURNACES AND MISCELLANEOUS USES.

6/ INCLUDES INGOT MOLDS AND STOOLS.

Table 10.--U.S.exports of iron and steel scrap 1/, by country.

Country	March 1991		Year to date	
	Quantity (metric tons)	Value (U.S. dollars)	Quantity (metric tons)	Value (U.S. dollars)
Argentina-----	21	\$20,019	182	\$94,245
Aruba-----	130	120,411	130	120,411
Australia-----	2	5,492	154	18,352
Belgium-----	1,129	105,686	1,313	253,199
Brazil-----	--	--	3	10,352
Canada-----	73,173	9,433,440	222,166	28,322,212
Chile-----	--	--	79	61,540
China-----	2,594	1,141,127	7,272	2,179,396
Colombia-----	--	--	4,237	574,703
Costa Rica-----	--	--	92	10,144
France-----	--	--	36	16,000
Germany, Fed. Rep. of--	131	48,339	437	281,056
Greece-----	58,105	6,931,135	58,105	6,931,135
Guatemala-----	5	11,392	1,506	287,584
Haiti-----	25	4,560	35	11,231
Hong Kong-----	5,345	1,896,532	11,265	4,176,292
India-----	89,545	11,734,149	335,460	42,555,126
Indonesia-----	--	--	257	10,254
Israel-----	20	28,271	5,076	593,706
Italy-----	18,654	2,758,503	31,729	4,333,183
Japan-----	25,911	6,642,878	91,634	24,693,307
Korea, Rep. of-----	137,562	24,032,860	604,830	84,131,641
Malaysia-----	18	14,924	69,378	9,402,051
Mexico-----	43,658	5,650,551	161,922	19,267,818
Netherlands-----	774	720,524	1,544	1,518,877
New Zealand-----	2	6,483	14	13,166
Pakistan-----	302	220,458	27,887	3,758,373
Panama-----	95	31,236	95	31,236
Peru-----	11	14,788	22,010	2,247,330
Philippines-----	24,371	3,020,463	24,532	3,049,049
Saudi Arabia-----	34,999	4,049,841	34,999	4,049,841
Singapore-----	56	98,971	73	105,401
South Africa, Rep. of--	--	--	26	2,891
Spain-----	19	26,400	13,620	1,352,323
Sweden-----	151	273,000	529	694,413
Taiwan-----	75,125	10,391,705	90,139	13,906,667
Thailand-----	7,185	1,557,295	11,090	2,435,584
Turkey-----	183,548	21,656,848	357,337	41,952,930
United Kingdom-----	126	262,571	27,304	2,575,058
Venezuela-----	50	37,676	99	63,215
Other Countries-----	--	--	99	52,845
Grand Total -----	782,842	112,948,528	2,218,695	306,144,137

1/ Excludes rerolling material; ships, boats and other vessels for breaking up (for scrapping) which were included in 1965-1970 figures.

Source: Bureau of the Census.

Table 11.--U.S.exports of iron and steel scrap and other ferrous products 1/, by grade

Grade of scrap	March 1991		Year to date	
	Quantity (metric tons)	Value (U.S.dollars)	Quantity (metric tons)	Value (U.S.dollars)
No. 1 heavy melting steel scrap---	165,108	\$18,669,640	477,526	\$54,756,573
No. 2 heavy melting steel scrap---	60,724	6,203,552	189,941	19,858,216
No. 1 bundles-----	23,795	2,430,918	27,577	2,937,591
No. 2 bundles-----	9,750	853,724	88,069	7,304,019
Shredded steel scrap-----	215,564	25,849,400	650,675	80,482,689
Borings, shovelings and turnings--	3,591	262,289	21,002	1,706,279
Cut plate and structural-----	22,241	3,128,420	42,382	5,924,277
Tinned iron or steel-----	2,277	666,054	34,355	4,361,890
Remelting scrap ingots-----	5,529	840,016	19,481	2,723,813
Cast iron-----	177,545	22,962,930	419,786	52,358,424
Other iron and steel-----	55,167	5,344,413	138,626	15,426,509
Total carbon steel and cast iron-----	741,291	87,211,356	2,109,420	247,840,280
Stainless steel-----	25,151	20,651,566	50,079	45,046,784
Other alloy steel-----	16,400	5,085,606	59,196	13,257,073
Total stainless and alloy steel-----	41,551	25,737,172	109,275	58,303,857
Total carbon, stainless, alloy steel and cast iron ---	782,842	112,948,528	2,218,695	306,144,137
Ships, boats, and other vessels for breaking up (for scrapping)--	292	48,321	654	108,230
Rerolling material-----	4,652	953,790	11,719	2,393,308
Total scrap exports -----	787,786	113,950,639	2,231,068	308,645,675
EXPORTS OF MANUFACTURED FERROUS PRODUCTS:				
Pig iron < or = 0.5% phosphorus---	149	13,140	622	61,411
Pig iron > 0.5% phosphorus-----	--	--	460	116,525
Alloy pig iron-----	638	62,553	682	72,229
Total pig iron-----	787	75,693	1,764	250,165
Direct reduced iron (DRI)-----	382	448,187	1,113	1,246,899
Ferrous granules-----	2,023	1,284,604	6,347	3,607,086
Powders of alloy steel-----	288	335,637	485	834,444
Other ferrous powders-----	1,253	2,487,365	2,923	5,733,469
Total DRI, granules, and powders-----	3,946	4,555,793	10,868	11,421,898
Grand total -----	792,519	118,582,125	2,243,700	320,317,738

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

Source: Bureau of the Census.

Table 12.--U.S. imports for consumption of iron and steel scrap 1/, by country.

Country	March 1991		Year to Date	
	Quantity (metric tons)	Value (U.S. dollars)	Quantity (metric tons)	Value (U.S. dollars)
Bahamas-----	32	\$3,500	3,533	\$266,800
Brazil-----	532	161,613	713	215,978
Canada-----	58,776	7,834,144	187,534	25,005,468
China-----	34	10,865	68	25,701
Colombia-----	41	21,130	88	50,870
Dominican Rep-----	6	8,869	14	18,777
France-----	--	--	15	85,617
Germany, Fed. Rep. of-----	199	442,991	311	487,392
Israel-----	--	--	2	22,350
Jamaica-----	--	--	1	1,813
Japan-----	3,139	350,758	11,058	1,295,430
Korea, Rep. of-----	273	200,173	590	415,104
Mexico-----	6,960	2,225,554	23,167	5,185,000
Netherlands Antilles--	9	9,571	46	43,702
Panama-----	2	1,695	4	3,471
Singapore-----	9	8,725	13	12,352
Switzerland-----	--	--	6	9,345
United Kingdom-----	9,006	350,392	9,213	641,042
Venezuela-----	--	--	422	398,560
Other Countries-----	--	--	17	24,246
Grand Total -----	79,018	11,629,980	236,815	34,209,018

1/ Includes tinplate and terneplate; Excludes rerolling material; ships, boats and other vessels for breaking up (for scrapping).

Source: Bureau of the Census.

Table 13.--U.S. imports of iron and steel scrap and other ferrous products, by grade

Grade of scrap	March 1991		Year to date	
	Quantity (metric tons)	Value (U.S.dollars)	Quantity (metric tons)	Value (U.S.dollars)
No. 1 heavy melting steel scrap---	6,461	\$701,528	19,675	\$2,078,242
No. 2 heavy melting steel scrap---	1,325	96,150	3,564	333,195
No. 1 bundles-----	9,307	1,026,363	28,831	3,086,581
No. 2 bundles-----	31	3,682	2,694	275,007
Shredded steel scrap-----	710	94,506	4,070	455,005
Borings, shovelings and turnings--	1,435	154,508	7,740	631,269
Cut plate and structural-----	1,170	111,548	2,008	211,511
Tinned iron or steel-----	720	119,323	2,497	535,823
Remelting scrap ingots-----	56	30,356	167	69,757
Cast iron-----	6,758	1,211,036	21,261	3,201,932
Other iron and steel-----	33,182	4,536,124	104,054	13,579,009
Total carbon steel and cast iron-----	61,155	8,085,124	196,561	24,457,331
Stainless steel-----	2,943	2,188,464	8,888	6,339,702
Other alloy steel-----	14,920	1,356,392	31,366	3,411,985
Total stainless and alloy steel-----	17,863	3,544,856	40,254	9,751,687
Total carbon, stainless, alloy steel and cast iron ---	79,018	11,629,980	236,815	34,209,018
Ships, boats, and other vessels for breaking up (for scrapping)--	--	--	--	--
Rerolling material-----	--	--	--	--
Total scrap imports -----	79,018	11,629,980	236,815	34,209,018
IMPORTS OF MANUFACTURED FERROUS PRODUCTS:				
Pig iron < or = 0.5% phosphorus---	36,708	7,700,717	137,917	23,276,070
Pig iron > 0.5% phosphorus-----	781	103,848	781	103,848
Alloy pig iron-----	5,932	889,800	19,400	2,889,902
Total pig iron-----	43,421	8,694,365	158,098	26,269,820
Direct reduced iron (DRI)-----	24,556	4,525,028	73,566	9,879,019
Ferrous granules-----	595	650,868	2,654	2,354,817
Powders of alloy steel-----	80	726,416	367	2,469,270
Other ferrous powders-----	2,483	2,534,213	9,051	7,906,358
Total DRI, granules, and powders-----	27,714	8,436,525	85,638	22,609,464
Grand total -----	150,153	28,760,870	480,551	83,088,302

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

Source: Bureau of the Census.

Table 14A.--U.S. Exports and Re-Exports of Iron and Steel Scrap in March 1991 1/, by Customs District
(Metric tons and U.S. dollars)

Customs District	Code	Exports		Re-Exports		Exports Plus Re-Exports	
		Quantity	Value	Quantity	Value	Quantity	Value
Baltimore, MD-----	13	195	\$187,838	--	--	195	\$187,838
Boston, MA-----	4	66,385	7,918,584	--	--	66,385	7,918,584
Buffalo, NY-----	9	4,512	1,439,128	--	--	4,512	1,439,128
Charleston, SC-----	16	1,362	816,396	--	--	1,362	816,396
Columbia, Snake-----	29	696	429,113	--	--	696	429,113
Detroit, MI-----	38	12,416	2,540,916	159	\$35,098	12,575	2,576,014
Duluth, MN-----	36	820	67,503	--	--	820	67,503
El Paso, TX-----	24	105	15,426	--	--	105	15,426
Great Falls, MT-----	33	1,923	218,113	--	--	1,923	218,113
Honolulu, HI-----	32	111	58,885	--	--	111	58,885
Houston-Galveston, TX----	53	27,553	10,867,594	--	--	27,553	10,867,594
Laredo, TX-----	23	40,557	5,301,388	--	--	40,557	5,301,388
Los Angeles, CA-----	27	93,242	15,529,661	--	--	93,242	15,529,661
Miami, FL-----	52	13,559	1,838,681	--	--	13,559	1,838,681
Mobile, AL-----	19	2,811	578,255	--	--	2,811	578,255
New Orleans, LA-----	20	40,697	7,840,315	--	--	40,697	7,840,315
New York City, NY-----	10	121,704	16,795,036	--	--	121,704	16,795,036
Norfolk, VA-----	14	42,936	5,892,277	--	--	42,936	5,892,277
Ogdensburg, NY-----	7	804	473,890	--	--	804	473,890
Pembina, ND-----	34	25,216	2,500,619	--	--	25,216	2,500,619
Philadelphia, PA-----	11	102,935	10,724,646	--	--	102,935	10,724,646
Portland, ME-----	1	21,011	2,173,638	--	--	21,011	2,173,638
Providence, RI-----	5	54,204	6,566,756	--	--	54,204	6,566,756
San Diego, CA-----	25	2,996	333,737	--	--	2,996	333,737
San Francisco, CA-----	28	4,099	1,862,722	--	--	4,099	1,862,722
Savannah, GA-----	17	360	206,544	--	--	360	206,544
Seattle, WA-----	30	21,503	1,836,461	--	--	21,503	1,836,461
St. Albans, VT-----	2	132	38,545	--	--	132	38,545
Tampa, FL-----	18	50,632	5,707,002	--	--	50,632	5,707,002
Other-----	70	27,366	2,188,859	--	--	27,366	2,188,859
Grand total		782,842	112,948,528	159	35,098	783,001	112,983,626

1/ Excludes rerolling material and ships, boats and other vessels for breaking up (for scrapping). Export valuation is on a "free alongside ship" (f.a.s.) basis.

Source: Bureau of the Census.

Table 14B.--U.S. Exports and Re-Exports of Iron and Steel Scrap in January - March 1991 1/,
by, Customs District (continued)
(Metric tons and U.S. dollars)

Customs District	Code	Exports		Re-Exports		Exports Plus Re-Exports	
		Quantity	Value	Quantity	Value	Quantity	Value
Anchorage, AK-----	31	63	\$6,284	--	--	63	\$6,284
Baltimore, MD-----	13	13,594	2,133,467	--	--	13,594	\$2,133,467
Boston, MA-----	4	128,422	15,370,619	--	--	128,422	15,370,619
Buffalo, NY-----	9	11,240	3,806,938	--	--	11,240	3,806,938
Charleston, SC-----	16	5,364	2,148,524	--	--	5,364	2,148,524
Chicago, IL-----	39	27	2,995	--	--	27	2,995
Cleveland OH-----	41	443	23,097	--	--	443	23,097
Cloumbia, Snake-----	29	16,705	3,040,003	--	--	16,705	3,040,003
Detroit, MI-----	38	55,391	9,305,148	601	\$91,098	55,992	9,396,246
Duluth, MN-----	36	2,563	228,679	--	--	2,563	228,679
El Paso, TX-----	24	2,032	227,714	--	--	2,032	227,714
Great Falls, MT-----	33	3,703	427,771	--	--	3,703	427,771
Honolulu, HI-----	32	223	111,848	--	--	223	111,848
Houston-Galveston, TX----	53	69,337	16,247,791	--	--	69,337	16,247,791
Laredo, TX-----	23	115,973	14,218,553	--	--	115,973	14,218,553
Los Angeles, CA-----	27	316,018	51,492,522	--	--	316,018	51,492,522
Miami, FL-----	52	54,808	6,555,153	--	--	54,808	6,555,153
Minneapolis, MN-----	35	97	3,480	--	--	97	3,480
Mobile, AL-----	19	2,811	578,255	--	--	2,811	578,255
New Orleans, LA-----	20	150,382	25,666,770	--	--	150,382	25,666,770
New York City, NY-----	10	454,968	59,034,191	--	--	454,968	59,034,191
Norfolk, VA-----	14	44,257	7,070,096	--	--	44,257	7,070,096
Ogdensburg, NY-----	7	2,168	1,251,576	--	--	2,168	1,251,576
Pembina, ND-----	34	70,297	7,116,396	--	--	70,297	7,116,396
Philadelphia, PA-----	11	197,436	20,391,409	--	--	197,436	20,391,409
Portland, ME-----	1	85,475	7,934,078	--	--	85,475	7,934,078
Providence, RI-----	5	70,057	8,186,976	--	--	70,057	8,186,976
San Diego, CA-----	25	8,320	1,011,640	--	--	8,320	1,011,640
San Francisco, CA-----	28	85,392	13,989,328	--	--	85,392	13,989,328
San Juan, PR-----	49	4,200	546,000	--	--	4,200	546,000
Savannah, GA-----	17	3,050	1,338,820	--	--	3,050	1,338,820
Seattle, WA-----	30	77,986	10,419,759	--	--	77,986	10,419,759
St. Albans, VT-----	2	471	203,549	--	--	471	203,549
Tampa, FL-----	18	89,918	10,063,818	--	--	89,918	10,063,818
Other-----	70	75,504	5,990,890	--	--	75,504	5,990,890
Grand total		2,218,695	306,144,137	601	91,098	2,219,296	306,235,235

1/ Excludes reolling material and ships, boats and other vessels for breaking up (for scrapping). Export valuation is on a "free alongside ship" (f.a.s.) basis.

Source: Bureau of the Census.

Table 15.--U.S. Imports for Consumption of Iron and Steel Scrap 1/,
by Customs District in March 1991

Customs District	Code	Quantity (Metric tons)	Value (U.S. dollars)	Year to Date	
				Quantity (Metric tons)	Value (U.S. dollars)
Baltimore, MD-----	13	272	\$188,165	450	\$379,482
Buffalo, NY-----	9	5,339	1,341,658	18,275	4,503,729
Chicago, IL-----	39	5	25,211	16	55,060
Cleveland, OH-----	41	1,226	168,720	3,586	486,013
Detroit, MI-----	38	25,103	3,232,479	89,645	10,769,632
Duluth, MN-----	36	198	218,550	580	491,384
El Paso, TX-----	24	678	124,982	2,220	369,532
Great Falls, MT-----	33	107	20,063	202	48,325
Honolulu, HI-----	32	87	1,304	221	19,173
Houston-Galveston, TX----	53	258	178,516	566	449,776
Laredo, TX-----	23	2,000	1,559,543	10,525	3,469,409
Los Angeles, CA-----	27	109	4,200	638	287,845
Miami, FL-----	52	62	22,662	111	38,013
New Orleans, LA-----	20	2,371	291,285	6,914	865,447
New York City, NY-----	10	150	313,677	201	436,480
Nogales, AZ-----	26	25	19,884	97	50,192
Ogdensburg, NY-----	7	9,091	258,229	10,505	759,791
Pembina, ND-----	34	129	137,077	388	367,781
Port Arthur, Tx-----	21	302	5,200	302	5,200
Portland, ME-----	1	122	33,501	1,172	304,100
San Diego, CA-----	25	2,367	289,426	7,570	959,050
San Francisco, CA-----	28	1	12,008	1	12,008
Savannah, GA-----	17	--	--	180	51,065
Seattle, WA-----	30	28,937	3,150,704	78,848	8,712,463
St. Albans, VT-----	2	79	32,936	119	56,768
Tampa, FL-----	18	--	--	3,483	261,300
Grand total	--	79,018	11,629,980	236,815	34,209,018

1/ Includes tinplate and terneplate; Excludes rerolling material and ships, boats and other vessels for breaking up (for scrapping). Import valuation is on a customs basis.

Source: Bureau of the Census.