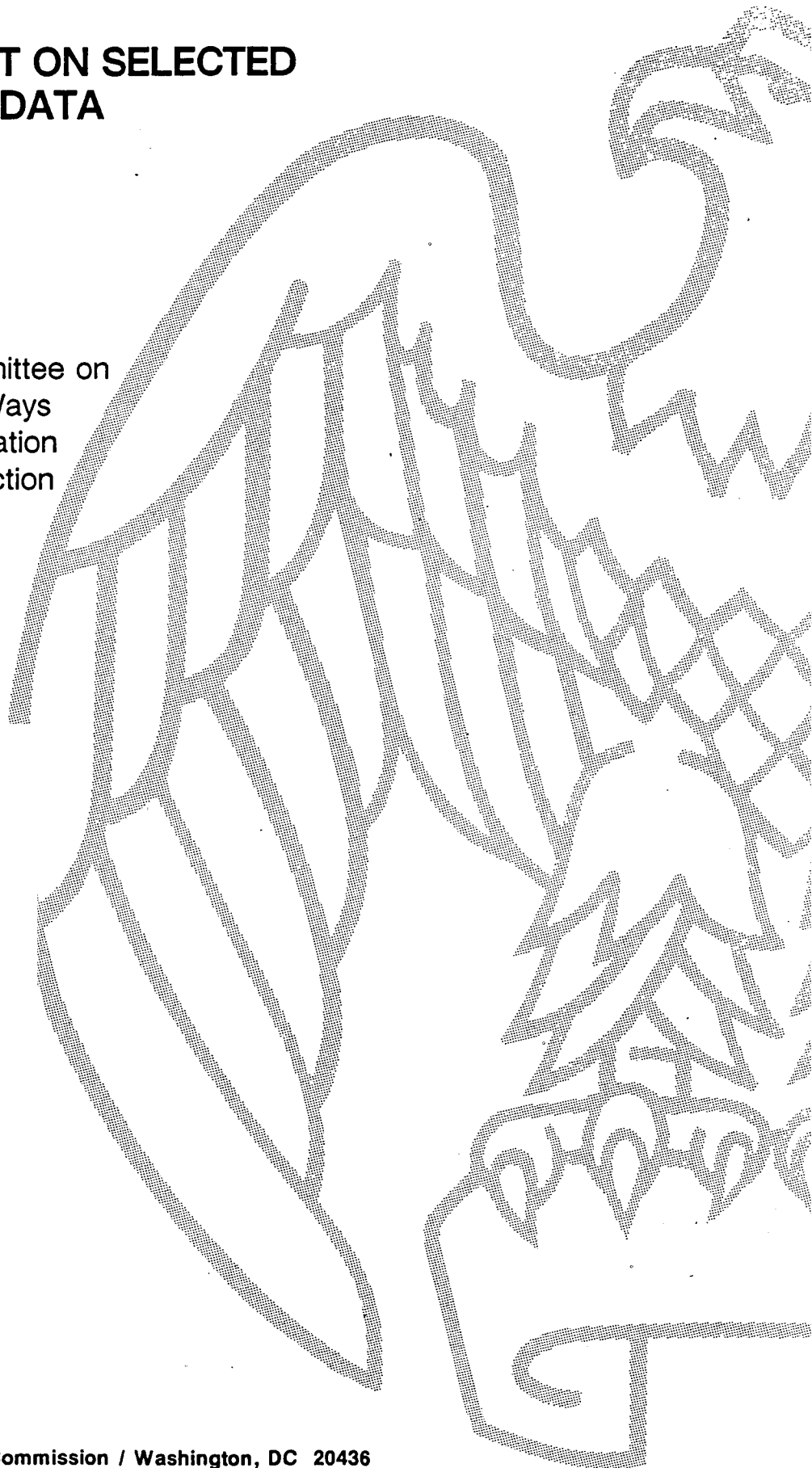


MONTHLY REPORT ON SELECTED STEEL INDUSTRY DATA

Report to the Subcommittee on
Trade, Committee on Ways
and Means, on Investigation
No. 332-226 Under Section
332 of the Tariff Act
of 1930

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UNITED STATES INTERNATIONAL TRADE COMMISSION

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Summary

Ferrous scrap is a principal raw material used in steelmaking. It is of particular importance to a group of producers known as minimills; minimill producers operate electric furnaces which rely almost exclusively on scrap as a furnace feedstock. During 1987 the competitive position of these mills was affected by an increase in scrap prices exceeding 50 percent. The factors contributing to the price increase were increased demand (due to rising steel production), low scrap inventories, and the decreased availability of "home" scrap (i.e., scrap which is generated and recycled within steel plants). With respect to the latter, as the steel industry has increased its use of continuous casting and made other facility improvements, its scrap generation rates have fallen. As a result, the ratio of home scrap to purchased material has fallen, from 0.60 in 1970 to 0.34 in 1987.

In order to help contain costs, U.S. producers have explored importing lower cost scrap from Europe. This is a somewhat unusual step as the United States, the world's largest scrap exporter, has traditionally imported only relatively small quantities from Canada. Also affecting the scrap market in the United States is an increase in foreign demand. During 1983-86, U.S. scrap exports almost doubled, rising from 6.1 to 11.7 million tons. Although they declined in 1987, exports were still a relatively high 10.4 million tons. Principal foreign markets in 1987 included Korea (2.6 million tons), Turkey (2.3 million tons), Japan (986,000 tons) and India (881,000 tons).

Laszlo Boszormenyi
252-1437

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Preface

On April 9, 1986, at the request of the Subcommittee on Trade, Committee on Ways and Means, U.S. House of Representatives, and in accordance with the provisions of section 332(b) of the Tariff Act of 1930 (19 U.S.C. 1332(b)), the United States International Trade Commission instituted investigation No. 332-226, Monthly Reports on the Status of the Steel Industry. The purpose of the reports is to monitor developments in the steel industry through September 1989, which corresponds with the President's program of voluntary restraint arrangements (VRA's) with certain countries and regions which export steel to the United States.

Background of VRA's

On September 18, 1984, the President determined, under section 202(b)(1) of the Trade Act of 1974, that taking "escape clause" action was not in the national economic interest (49 Federal Register 36813). The decision followed an investigation conducted by the Commission in which imports of certain steel products 1/ were found to be a substantial cause of serious injury, or threat thereof, to certain domestic industries (investigation No. TA-201-51). Instead of taking action under the statute, the President established a nine-point policy to address the concerns of the industry. Under this policy, the President directed the United States Trade Representative to negotiate voluntary restraint arrangements to cover a five year period (from October 1, 1984 through September 30, 1989) with countries whose exports to the United States had increased significantly in recent years due to an unfair surge in imports. These measures were expected to return the share of imports in the U.S. market to a more normal level of approximately 18.5 percent, excluding semifinished steel (which, subsequent Administration statements indicate, would be limited to about 1.7 million tons per year).

Specialty steel

On July 19, 1983, the President announced his decision to grant import relief to the specialty steel industry for a period of 4 years (48 Federal Register 33233). The relief was scheduled to expire on July 19, 1987. Under the relief, quotas were put on imports of stainless steel bars, stainless steel wire rods, and certain alloy tool steel products; increased duties were imposed on stainless steel plates and stainless steel sheets and strip. On July 16, 1987, the President announced his decision to extend the import relief in the form currently in effect for a period from July 20, 1987 through September 30, 1989. Under the steel VRA's, in return for their agreement to limit exports of stainless steel plates and sheets and strip, the VRA

1/ Affirmative decisions were rendered in the case of semifinished steel, plates, sheets and strip, wire and wire products, and structural shapes and units. Negative determinations were rendered in the case of wire rod, railway type products, bars, and pipes and tubes.

countries were exempted from having to pay additional duties (with the exception of Finland, whose VRA does not include stainless steel flat-rolled products); quotas were unaffected by the VRA's for all countries except the EC-10, which negotiated limits on rods, bars, and alloy tool steel as part of its VRA, Brazil whose VRA now includes the specialty steel products subject to quotas, and Austria, which included alloy tool steel in its VRA.

In this report trade data are reported in a similar format for all product categories; in the case of stainless steel bars, stainless steel rods, and certain alloy tool steel products, however, it should be noted that, except for the EC-10 and Austria, all countries are bound by quotas (see App. B for a description of the specialty steel relief provisions and implementation of modifications in specialty steel import relief).

Current Status of VRA's

To date VRA's have been negotiated with 19 countries and the EC (excluding Portugal and Spain, which negotiated separate agreements). The agreements have taken the form of market share arrangements and quotas, or a combination thereof. The agreements are tailored to each country, with considerable variation in the number of individual product categories subject to limitation. Following is a list of countries subject to the VRA's and estimates of their respective overall limitations on a market share basis.

Countries Subject to VRA'sMarket share agreements:Overall 1988 import share 1/
(% of U.S. apparent consumption)

Australia	0.25
Austria	0.22
Brazil	1.50
EC	5.40
Finland	0.22
Japan	9.4
Mexico	0.44
South Africa 2/	0.0
South Korea	2.90
Spain	0.70

Quota level for 1988 in short tons and as a
share of apparent U.S. consumption
(estimated) 3/Quota agreements

(Short tons) (Percent)

Czechoslovakia	38,250	0.04
East Germany	110,000	0.12
Hungary	33,300	0.04
Poland	87,000	0.10
Portugal	30,000	0.03
Romania	118,300	0.13
Trinidad and Tobago	58,600	0.06
Venezuela	195,000	4/ 0.21
Yugoslavia	21,900	0.02
People's Republic of China	72,000	0.08

Semifinished steel agreementsQuota level for 1988 (short tons)

Australia	50,000
Brazil	700,000
EC	5/ 820,000
Finland	15,000
Japan	100,000
Mexico	100,000
South Africa 2/	0
South Korea	50,000
Spain	50,000
Venezuela	60,000

1/ Including semifinished steel for all countries. Does not include adjustments for overages in 1986.

2/ Steel imports from South Africa are reduced by the Comprehensive Anti-Apartheid Act of 1986 which embargoes certain steel products.

3/ Including semifinished steel, except as noted. Does not include adjustments for overages in 1987. Estimates based on February 26, 1988 DRI forecast.

4/ Excluding semifinished steel.

5/ Includes approximately 200,000 tons which may be imported at the discretion of the U.S. Trade Representative.

Structure of the Report

- o Table 1 provides data on key items, including raw steel production, capability utilization, employment, wages, shipments, trade, and financial performance.
- o Tables 2-6 provide data on shipments, imports, exports, apparent consumption, and imports as a percent of apparent consumption by major product for all grades of steel, plus carbon and specialty products separately.
- o Table 7 provides quantity and value data on imports of total steel mill products and certain fabricated products. The EC and each VRA country are specified, as are the top 10 non-VRA suppliers.
- o Table 8 provides data on the quantity of steel other than semifinished steel, which is being imported from the EC, each VRA country, and the top non-VRA suppliers, and the market penetration of each country. The table can be used to measure the extent to which penetration is approaching the levels anticipated under the President's steel policy.
- o Table 9 provides data on the quantity of semifinished steel imported from the EC, each VRA country, and the top non-VRA suppliers, and presents the 1986 semifinished import restraint level of each VRA country.
- o Tables 10-29 provide data on the quantity and value of major carbon and specialty steel imports on a product-by-product basis. The EC, each VRA country, and the top non-VRA suppliers are specified.
- o Table 30 provides data on the unit values of selected imports of carbon and specialty steel products.
- o Table 31 provides data on imports of selected carbon and specialty steel products. The table also provides information which permits an examination of the extent to which shifts in product mix within major product categories is occurring.
- o Tables 32-37 provide data on imports of steel mill products and certain fabricated products, by U.S. customs area.

Notes on Product Coverage and Methodology

Data on foreign trade imports and exports and domestic shipments are compiled from official statistics of the U.S. Department of Commerce, and statistics of the American Iron and Steel Institute (AISI), respectively.

The products on which foreign trade data are collected correspond to those covered by the VRA's with the exception of fabricated wire nails (TSUS item 646.3040, 646.3200, and 646.3600), stainless steel wire strand (TSUS item 642.0800), stainless steel wire rope (TSUS item 642.1400), and offshore oil platforms (TSUS item 652.700)), and those subject to limitation under separate specialty steel measures. Since the VRA's include certain fabricated products, the data may exceed that compiled by other organizations such as the AISI. The additional tonnage, however, is relatively small. In 1985 AISI reported imports of 24.3 million tons, which compares to the 24.9 million tons indicated in this report. The product categories most affected are structural shapes and units (which includes fabricated structurals in this report) and wire and wire products (which includes wire rope and wire strand).

The term EC in this report does not include Portugal and Spain, which are subject to separate VRA's.

Unit values are calculated using unrounded data. Import values are customs value. Trade data include imports under section 806.30 and 807.00 of the Tariff Schedules; the 806.30 and 807.00 provisions apply to U.S. merchandise which is exported, processed, and reimported into the United States.

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Table 1.—Steel: U.S. raw steel production, capability utilization, employment, wages, shipments, imports, exports; apparent consumption, net sales 1983-87

Item	1983	1984	1985	1986	1987 ^{1/}	January	
						1987	1988
Raw steel:							
Production (1,000 short tons).....	84,615	92,528	88,259	81,606	88,472	5,664	6,608
Capability utilization (percent).....	56.2	68.4	66.1	63.8	78.9	65.5	88.1
Continuously cast (percent).....	32.1	39.6	44.4	55.2	52.5	63.7	59.5
Employment:							
Total (thousands).....	243	236	208	175	163	150	169
Receiving wages (thousands).....	169	171	151	128	121	111	125
Hourly employment cost ^{2/} (dollars).....	22.21	21.30	22.81	23.57	23.70	22.94	24.21
Steel:							
Shipments (1,000 short tons).....	67,584	73,740	72,698	70,263	76,473	5,664	6,608
Imports (1,000 short tons).....	17,477	26,705	24,885	20,692	20,414	1,460	1,810
Exports (1,000 short tons).....	1,282	1,081	992	929	1,129	64	89
Apparent consumption (1,000 short tons)....	83,779	99,363	96,591	90,026	95,759	7,060	8,329
Ratio of imports to consumption (percent)...	20.9	26.9	25.8	23.0	21.3	20.7	21.7
Financial:							
All operations:							
Net sales (million dollars).....	45,974	53,619	53,651	41,912	^{3/} 32,314	^{5/}	^{5/}
Net income (million dollars).....	(2,603)	(301)	(1,210)	(6,094)	^{3/} 1,121	^{5/}	^{5/}
Ratio of net sales to income (percent)...	(5.7)	(0.6)	(2.3)	(14.5)	^{3/} 3.7	^{5/}	^{5/}
Steel operations:							
Net steel sales (million dollars).....	24,463	30,132	29,473	24,891	^{4/}	^{4/}	^{4/}
Net steel income (million dollars).....	(2,231)	(186)	(1,743)	(4,203)	^{4/}	^{4/}	^{4/}
Ratio of net sales to income (percent)...	(9.1)	(0.6)	(5.9)	(16.9)	^{4/}	^{4/}	^{4/}

^{1/} Preliminary.

^{2/} Total employment costs (including benefits) of employees receiving wages.

^{3/} January-September.

^{4/} Available only on annual basis.

^{5/} Not available.

Source: Compiled from data of the American Iron & Steel Institute and official statistics of the U.S. Department of Commerce.

Table 2.--Steel mill products and certain fabricated steel products: U.S. producers shipments, by product and grade of steel, 1983-1987, and by specified periods, 1987 and 1988

(Short tons)

Item	1983	1984	1985	1986	1987	January	
						1987	1988
All grades of steel:							
Semifinished-----	998,242	1,306,044	1,374,524	1,388,649	2,095,599	124,911	237,008
Plate-----	3,816,069	4,338,993	4,327,347	3,531,806	4,065,183	262,015	592,592
Sheet and strip-----	39,104,792	40,878,749	40,850,298	40,055,641	43,288,266	3,366,526	3,480,887
Bars & certain shapes 1/-----	11,699,722	13,232,473	12,667,539	12,101,642	12,937,033	932,528	1,030,439
Wire rod-----	2,857,394	3,090,036	2,961,769	3,493,632	3,838,788	304,906	332,403
Wire-----	1,010,410	962,726	874,135	797,859	786,963	54,764	88,485
Wire products-----	348,794	259,616	262,268	278,068	304,761	24,975	0
Structural shapes & units-----	3,622,050	4,156,233	4,698,305	4,815,432	5,081,809	364,764	445,095
Rails & related products-----	883,907	1,238,900	931,313	647,697	504,561	40,574	38,383
Pipe and tube-----	3,242,147	4,275,759	4,095,825	2,836,458	3,569,647	188,433	363,165
Total-----	67,583,527	73,739,529	73,043,323	69,946,884	76,472,610	5,664,396	6,608,457
Carbon & certain alloy 2/ steel:							
Semifinished-----	963,421	1,266,364	1,327,766	1,339,062	2,018,535	120,977	231,550
Plate-----	3,715,228	4,223,128	4,185,883	3,415,947	3,906,102	250,430	578,568
Sheet and strip-----	38,322,411	40,058,979	40,018,167	39,256,239	42,347,623	3,288,325	3,390,244
Bars & certain shapes-----	11,552,450	13,031,564	12,478,002	11,926,843	12,753,157	918,537	1,013,903
Wire rod-----	2,822,416	3,038,112	2,931,897	3,457,233	3,791,034	301,997	327,281
Wire-----	983,850	933,382	851,841	773,204	760,229	52,467	86,346
Wire products-----	348,794	259,616	262,268	278,068	304,761	24,975	0
Structural shapes & units-----	3,622,050	4,156,233	4,698,305	4,815,432	5,081,809	364,764	445,095
Rails & related products-----	883,907	1,238,900	931,313	647,697	504,561	40,574	38,383
Pipe and tube-----	3,185,736	4,224,071	4,046,771	2,794,218	3,527,867	185,373	358,784
Total-----	66,400,263	72,430,349	71,732,213	68,703,943	74,995,678	5,548,419	6,470,154
Stainless & alloy tool steel:							
Stainless steel:							
Semifinished-----	34,821	39,680	46,758	49,587	77,064	3,934	5,458
Plate-----	100,841	115,865	141,464	115,859	159,081	11,585	14,024
Sheet and strip-----	782,381	819,770	832,131	799,402	940,643	78,201	90,643
Bars & certain shapes-----	101,107	139,980	129,267	119,024	125,441	10,255	11,306
Wire rod-----	34,978	51,924	29,872	36,399	47,754	2,909	5,122
Wire-----	26,560	29,344	22,294	24,655	26,734	2,297	2,139
Pipe and tube-----	56,411	51,688	49,054	42,240	41,780	3,060	4,381
Tool steel (all forms)-----	46,165	60,929	60,270	55,775	58,435	3,736	5,230
Total-----	1,183,264	1,309,180	1,311,110	1,242,941	1,476,932	115,977	138,303

1/ Includes tool steel.

2/ Certain alloy refers to alloy steel other than stainless or tool steel.

Source: Compiled from data of the American Iron & Steel Institute.

Table 3.--Steel mill products and certain fabricated steel products: U.S. imports, by product and grade of steel, 1983-1987, and by specified periods, 1987 and 1988

(Short tons)

Item	1983	1984	1985	1986	1987	January	
						1987	1988
All grades of steel:							
Semifinished	822,483	1,632,065	2,440,368	2,084,322	2,288,995	177,487	275,073
Plate	1,398,955	1,782,050	1,772,309	1,456,790	1,566,694	81,121	148,864
Sheet and strip	7,231,584	10,332,032	9,046,089	8,278,604	7,875,891	586,742	629,018
Bars & certain shapes 1/	975,714	1,722,313	1,550,559	1,476,368	1,359,758	98,562	113,641
Wire rod	1,185,291	1,589,788	1,476,145	1,362,753	1,467,030	129,608	109,999
Wire	451,394	671,829	612,485	582,022	555,981	50,914	46,461
Wire products	616,359	738,680	674,960	636,591	649,377	54,567	53,437
Structural shapes & units	1,757,410	2,432,694	2,440,403	2,179,657	2,153,669	203,121	165,941
Rails & related products	175,433	373,890	382,046	275,710	245,988	26,799	28,019
Pipe and tube	2,862,342	5,429,839	4,489,287	2,956,303	2,775,091	143,962	333,276
Total	17,476,965	26,705,180	24,884,651	21,289,120	20,938,474	1,552,883	1,903,729
Carbon & certain alloy 2/ steel:							
Semifinished	821,033	1,618,365	2,430,078	2,066,700	2,232,270	174,647	271,464
Plate	1,393,705	1,774,614	1,760,812	1,440,375	1,555,577	80,312	147,646
Sheet and strip	7,147,441	10,194,435	8,910,469	8,127,033	7,746,596	575,232	619,395
Bars & certain shapes	906,081	1,652,025	1,475,447	1,393,731	1,281,168	91,019	104,356
Wire rod	1,158,788	1,570,952	1,456,078	1,344,256	1,448,720	128,270	107,985
Wire	440,697	649,126	590,317	564,481	536,897	49,143	44,920
Wire products	616,359	738,680	674,960	636,591	649,377	54,567	53,437
Structural shapes & units	1,757,410	2,432,694	2,440,403	2,179,657	2,153,669	203,121	165,941
Rails & related products	175,433	373,890	382,046	275,710	245,988	26,799	28,019
Pipe and tube	2,844,493	5,399,642	4,457,277	2,923,029	2,748,644	141,995	329,550
Total	17,261,440	26,404,423	24,577,887	20,951,563	20,598,906	1,525,105	1,872,713
Stainless & alloy tool steel:							
Stainless steel:							
Semifinished	1,450	13,700	10,290	17,622	56,725	2,840	3,609
Plate	5,251	7,436	11,497	16,415	11,118	809	1,218
Sheet and strip	84,144	137,597	135,620	151,571	129,295	11,511	9,624
Bars & certain shapes	39,209	38,234	37,970	37,888	37,991	3,884	4,491
Wire rod	26,504	18,835	20,067	18,496	18,311	1,358	2,014
Wire	10,697	22,703	22,169	17,541	19,084	1,771	1,541
Pipe and tube	17,849	30,197	32,009	33,274	26,448	1,967	3,726
Tool steel (all forms)	30,423	32,054	37,142	44,749	40,599	3,660	4,794
Total	215,527	300,756	306,764	337,556	339,571	27,780	31,017

1/ Includes tool steel.

2/ Certain alloy refers to alloy steel other than stainless or tool steel.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 4.--Steel mill products and certain fabricated steel products: U.S. exports of domestic merchandise, by product and grade of steel, 1983-1987, and by specified periods, 1987 and 1988

(Short tons)

Item	1983	1984	1985	1986	1987	January	
						1987	1988
All grades of steel:							
Semifinished	102,757	73,536	89,708	58,885	73,543	1,325	2,770
Plate	101,981	88,184	82,988	69,565	96,538	4,603	7,200
Sheet and strip	463,261	389,577	375,396	507,420	556,991	36,206	48,713
Bars & certain shapes 1/	170,066	133,595	99,096	81,224	121,869	5,434	9,885
Wire rod	6,138	8,646	4,740	5,876	8,217	486	1,018
Wire	22,439	19,979	19,146	26,760	26,669	1,932	1,906
Wire products	22,292	22,085	19,253	24,731	23,257	2,088	1,643
Structural shapes & units	114,924	119,256	89,031	71,525	101,373	5,729	9,427
Rails & related products	20,075	19,079	13,430	13,131	15,755	568	525
Pipe and tube	257,968	207,426	199,258	121,050	152,155	10,920	11,133
Total	1,281,901	1,081,363	992,046	980,167	1,176,367	69,291	94,220
Carbon & certain alloy 2/ steel:							
Semifinished	101,392	72,285	82,650	57,932	71,362	1,191	2,489
Plate	93,887	84,813	74,957	66,042	92,057	4,291	6,704
Sheet and strip	439,443	369,495	349,620	477,803	501,010	32,335	44,610
Bars & certain shapes	160,404	126,090	89,241	72,134	111,619	4,787	8,983
Wire rod	5,440	7,918	3,716	5,049	6,889	430	996
Wire	16,301	17,524	17,182	24,033	22,863	1,648	1,746
Wire products	22,292	22,085	19,253	24,731	23,257	2,088	1,643
Structural shapes & units	114,924	119,256	89,031	71,525	101,373	5,729	9,427
Rails & related products	20,075	19,079	13,430	13,131	15,755	568	525
Pipe and tube	251,566	199,778	193,309	118,010	143,405	10,641	10,840
Total	1,225,724	1,038,323	932,389	930,390	1,089,590	63,708	87,963
Stainless & alloy tool steel:							
Stainless steel:							
Semifinished	1,365	1,251	7,058	953	2,181	134	280
Plate	8,094	3,371	8,031	3,523	4,481	312	496
Sheet and strip	23,818	20,081	25,776	29,617	55,981	3,871	4,103
Bars & certain shapes	6,096	5,178	7,762	6,946	7,189	451	516
Wire rod	698	728	1,024	828	1,328	55	22
Wire	6,138	2,455	1,964	2,728	3,806	284	159
Pipe and tube	6,403	7,648	5,948	3,040	8,751	279	293
Tool steel (all forms)	3,566	2,326	2,094	2,144	3,061	196	385
Total	56,178	43,038	59,657	49,779	86,778	5,582	6,254

1/ Includes tool steel.

2/ Certain alloy refers to alloy steel other than stainless or tool steel.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 5.--Steel mill products and certain fabricated steel products:
Apparent U.S. consumption, by product and grade of steel, 1983-1987, and by
specified periods, 1987 and 1988

(Short tons)

Item	1983	1984	1985	1986	1987	January	
						1987	1988
All grades of steel:							
Semifinished-----	1,717,968	2,864,573	3,725,184	3,414,086	4,311,051	301,073	509,311
Plate-----	5,113,043	6,032,859	6,016,668	4,919,031	5,535,339	338,533	734,256
Sheet and strip-----	45,873,115	50,821,204	49,520,991	47,826,825	50,607,166	3,917,062	4,061,192
Bars & certain shapes 1/--	12,505,370	14,821,191	14,119,002	13,496,786	14,174,922	1,025,656	1,134,195
Wire rod-----	4,036,547	4,671,178	4,433,174	4,850,509	5,297,601	434,028	441,384
Wire-----	1,439,365	1,614,576	1,467,474	1,353,121	1,316,275	103,746	133,040
Wire products-----	942,861	976,211	917,975	889,928	930,881	77,454	51,794
Structural shapes & units--	5,264,536	6,469,671	7,049,677	6,923,564	7,134,105	562,156	601,609
Rails & related products--	1,039,265	1,593,711	1,299,929	910,276	734,794	66,805	65,877
Pipe and tube-----	5,846,521	9,498,172	8,385,854	5,671,711	6,192,583	321,475	685,308
Total-----	83,778,591	99,363,346	96,935,928	90,255,837	96,234,717	7,147,988	8,417,966
Carbon & certain alloy 2/ steel:							
Semifinished-----	1,683,062	2,812,444	3,675,194	3,347,830	4,179,443	294,433	500,525
Plate-----	5,015,046	5,912,929	5,871,738	4,790,280	5,369,622	326,451	719,510
Sheet and strip-----	45,030,409	49,883,919	48,579,016	46,905,469	49,593,209	3,831,222	3,965,029
Bars & certain shapes-----	12,298,127	14,557,499	13,864,208	13,248,440	13,922,706	1,004,769	1,109,276
Wire rod-----	3,975,764	4,601,146	4,384,259	4,796,440	5,232,865	429,837	434,270
Wire-----	1,408,246	1,564,984	1,424,976	1,313,652	1,274,263	99,962	129,520
Wire products-----	942,861	976,211	917,975	889,928	930,881	77,454	51,794
Structural shapes & units--	5,264,536	6,469,671	7,049,677	6,923,564	7,134,105	562,156	601,609
Rails & related products--	1,039,265	1,593,711	1,299,929	910,276	734,794	66,805	65,877
Pipe and tube-----	5,778,663	9,423,935	8,310,739	5,599,237	6,133,106	316,727	677,494
Total-----	82,435,979	97,796,449	95,377,711	88,725,116	94,504,994	7,009,816	8,254,904
Stainless & alloy tool steel:							
Stainless steel:							
Semifinished-----	34,906	52,129	49,990	66,256	131,608	6,640	8,787
Plate-----	97,998	119,930	144,930	128,751	165,718	12,082	14,746
Sheet and strip-----	842,707	937,286	941,975	921,356	1,013,957	85,841	96,164
Bars & certain shapes-----	134,220	173,036	159,475	149,966	156,243	13,688	15,281
Wire rod-----	60,784	70,031	48,915	54,067	64,737	4,192	7,114
Wire-----	31,119	49,592	42,499	39,468	42,012	3,784	3,521
Pipe and tube-----	67,857	74,237	75,115	72,474	59,477	4,748	7,814
Tool steel (all forms)-----	73,022	90,657	95,318	98,380	95,973	7,200	9,639
Total-----	1,342,613	1,566,898	1,558,217	1,530,718	1,729,725	138,175	163,066

1/ Includes tool steel.

2/ Certain alloy refers to alloy steel other than stainless or tool steel.

Source: Compiled from data of the American Iron & Steel Institute, and official statistics of the U.S. Department of Commerce.

Table 6.--Steel mill products and certain fabricated steel products: U.S. imports as a percent of apparent consumption, by product and grade of steel, 1983-1987, and by specific periods, 1987 and 1988

(Percent)

Item	1983	1984	1985	1986	1987	January	
						1987	1988
All grades of steel:							
Semifinished-----	47.9	57.0	65.5	61.1	53.1	59.0	54.0
Plate-----	27.4	29.5	29.5	29.6	28.3	24.0	20.3
Sheet and strip-----	15.8	20.3	18.3	17.3	15.6	15.0	15.5
Bars & certain shapes 1/--	7.8	11.6	11.0	10.9	9.6	9.6	10.0
Wire rod-----	29.4	34.0	33.3	28.1	27.7	29.9	24.9
Wire-----	31.4	41.4	41.7	43.0	42.2	49.1	34.9
Wire products-----	65.4	75.7	73.5	71.5	69.8	70.5	3.2
Structural shapes & units--	33.4	37.6	34.6	31.5	30.2	36.1	27.6
Rails & related products--	16.9	23.5	29.4	30.3	33.5	40.1	42.5
Pipe and tube-----	49.0	57.2	53.5	52.1	44.8	44.8	48.6
Total-----	20.9	26.9	25.7	23.6	21.8	21.7	22.6
Carbon & certain alloy 2/ steel:							
Semifinished-----	48.8	57.5	66.1	61.7	53.4	59.3	54.2
Plate-----	27.8	30.0	30.0	30.1	29.0	24.6	20.5
Sheet and strip-----	15.9	20.4	18.3	17.3	15.6	15.0	15.6
Bars & certain shapes-----	7.4	11.3	10.6	10.5	9.2	9.1	9.4
Wire rod-----	29.1	34.1	33.2	28.0	27.7	29.8	24.9
Wire-----	31.3	41.5	41.4	43.0	42.1	49.2	34.7
Wire products-----	65.4	75.7	73.5	71.5	69.8	70.5	3.2
Structural shapes & units--	33.4	37.6	34.6	31.5	30.2	36.1	27.6
Rails & related products--	16.9	23.5	29.4	30.3	33.5	40.1	42.5
Pipe and tube-----	49.2	57.3	53.6	52.2	44.8	44.8	48.6
Total-----	20.9	27.0	25.8	23.6	21.8	21.8	22.7
Stainless & alloy tool steel:							
Stainless steel:							
Semifinished-----	4.2	26.3	20.6	26.6	43.1	42.8	41.1
Plate-----	5.4	6.2	7.9	12.7	6.7	6.7	8.3
Sheet and strip-----	10.0	14.7	14.4	16.5	12.8	13.4	10.0
Bars & certain shapes-----	29.2	22.1	23.8	25.3	24.3	28.4	29.4
Wire rod-----	43.6	26.9	41.0	34.2	28.3	31.9	28.3
Wire-----	34.4	45.8	52.2	44.4	45.4	46.8	43.8
Pipe and tube-----	26.3	40.7	42.6	45.9	44.5	41.4	47.7
Tool steel (all forms)-----	41.7	35.4	39.0	45.5	42.3	50.8	49.7
Total-----	16.1	19.2	19.7	22.1	19.6	20.1	19.0

1/ Includes tool steel.

2/ Certain alloy refers to alloy steel other than stainless or tool steel.

Source: Compiled from data of the American Iron & Steel Institute, and official statistics of the U.S. Department of Commerce.

Table 7.--Steel mill products and certain fabricated steel products: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia -----	192,242	155,112	18,449	45,177
Austria -----	133,177	119,666	5,689	12,739
Brazil -----	1,129,406	1,152,972	60,324	137,818
Czechoslovakia -----	32,249	29,792	2,292	2,557
East Germany -----	60,712	95,910	27	12,950
EC countries -----	6,030,059	5,314,371	290,579	426,325
Finland -----	201,873	174,889	13,345	26,124
Hungary -----	20,572	27,064	0	4,123
Japan -----	4,514,994	4,384,621	317,957	326,684
Mexico -----	435,286	491,204	32,383	36,406
Peoples Rep of China -----	41,919	51,107	3,899	5,367
Poland -----	60,609	91,936	1,582	2,196
Portugal -----	27,654	31,087	6,383	4,463
Romania -----	87,616	82,408	0	5,681
Republic of South Africa -----	518,535	30,015	23,096	1,496
Korea, Republic of -----	1,641,578	1,434,872	121,394	188,151
Spain -----	633,147	520,988	69,798	51,598
Trinidad and Tobago -----	77,219	62,575	6,242	3,488
Venezuela -----	141,503	170,571	12,025	41,800
Yugoslavia -----	24,954	15,394	1,087	484
Total -----	16,005,304	14,436,554	986,551	1,335,627
Other countries:				
Canada -----	3,373,544	3,809,440	407,734	298,862
Sweden -----	549,930	609,367	48,518	48,444
Turkey -----	150,345	407,413	37,431	24,340
Argentina -----	177,808	346,494	8,205	65,327
Taiwan -----	500,952	263,415	20,124	21,898
Indonesia -----	37,903	235,573	11,744	17,611
Norway -----	96,802	154,231	2,643	17,065
Singapore -----	115,307	144,538	10,174	1,502
Thailand -----	67,022	120,179	5,336	14,394
Malaysia -----	22,547	91,857	649	1,226
All others -----	191,654	319,414	13,773	57,435
Total -----	5,283,814	6,501,921	566,331	568,104
Grand total -----	21,289,118	20,938,475	1,552,882	1,903,731

Table 7.--Steel mill products and certain fabricated steel products: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia -----	72,997	70,374	7,603	14,819
Austria -----	60,696	58,007	3,236	7,909
Brazil -----	304,039	328,749	16,561	37,916
Czechoslovakia -----	6,934	7,156	543	658
East Germany -----	15,306	25,328	8	3,773
EC countries -----	2,317,164	2,197,086	123,095	197,517
Finland -----	68,472	65,035	4,922	9,897
Hungary -----	4,666	6,191	-	1,084
Japan -----	2,198,391	2,189,840	160,255	178,936
Mexico -----	155,577	204,210	12,148	17,211
Peoples Rep of China -----	16,727	23,586	1,772	2,037
Poland -----	17,140	27,141	597	714
Portugal -----	11,477	15,163	2,803	2,319
Romania -----	23,574	25,093	-	1,688
Republic of South Africa -----	147,667	7,322	3,739	769
Korea, Republic of -----	652,523	633,718	54,495	89,260
Spain -----	225,055	200,168	23,584	20,023
Trinidad and Tobago -----	18,733	15,482	1,280	826
Venezuela -----	44,596	48,835	3,751	11,895
Yugoslavia -----	7,279	5,404	533	228
Total-----	6,369,013	6,153,888	420,925	599,479
Other countries:				
Canada -----	1,403,210	1,660,699	163,006	135,019
Sweden -----	267,008	301,016	19,847	27,176
Turkey -----	41,225	123,568	10,322	7,458
Argentina -----	55,641	122,695	3,000	22,630
Taiwan -----	177,140	118,228	9,870	10,894
Indonesia -----	9,587	56,949	2,871	4,934
Norway -----	28,685	39,735	1,099	4,467
Singapore -----	33,694	42,953	3,163	547
Thailand -----	21,750	43,817	1,894	5,775
Malaysia -----	5,586	23,736	267	455
All others -----	84,323	123,864	5,790	18,026
Total-----	2,127,849	2,657,260	221,129	237,381
Grand total-----	8,496,862	8,811,148	642,054	836,860

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 8.--Steel other than semifinished steel: $\frac{1}{2}$ U.S. imports for consumption, and imports as a percent of apparent U.S. consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (Short tons)				
VRA countries:				
Australia -----	179,910	155,077	18,449	25,010
Austria -----	133,151	119,666	5,689	12,739
Brazil -----	723,773	671,685	39,904	51,686
Czechoslovakia -----	32,249	29,792	2,292	2,557
East Germany -----	60,712	95,909	27	12,950
EC-----	5,265,505	4,358,698	238,816	351,046
Finland -----	184,577	160,941	13,345	26,124
Hungary -----	20,572	26,495	0	4,123
Japan -----	4,356,644	4,291,332	317,722	326,076
Mexico -----	367,873	429,320	30,490	31,113
Peoples Rep of China -----	41,919	51,093	3,899	5,367
Poland -----	60,609	90,476	1,582	1,917
Portugal -----	27,654	31,087	6,383	4,463
Romania -----	87,616	82,408	0	5,681
Republic of South Africa -----	456,634	7,437	623	1,496
Korea, Republic of -----	1,610,116	1,407,830	121,394	188,063
Spain -----	590,902	484,083	60,264	40,214
Trinidad and Tobago -----	77,219	62,575	6,242	3,488
Venezuela -----	141,503	130,749	12,025	20,159
Yugoslavia -----	24,954	15,394	1,087	484
Total-----	14,444,092	12,702,047	880,233	1,114,756
Other countries:				
Canada -----	3,160,374	3,673,795	376,931	292,752
Turkey -----	150,345	407,413	37,431	24,340
Argentina -----	177,808	343,363	8,205	53,869
Sweden -----	240,961	267,311	8,150	34,063
Taiwan -----	500,835	263,415	20,124	21,898
Indonesia -----	37,903	234,667	11,744	16,375
Singapore -----	115,307	144,538	10,174	1,502
Thailand -----	67,022	120,179	5,336	14,394
Norway -----	96,802	109,791	2,643	17,065
Malaysia -----	22,547	91,857	649	1,226
All others-----	190,801	291,103	13,770	36,415
Total-----	4,760,705	5,947,432	495,157	513,899
Grand total-----	19,204,797	18,649,479	1,375,390	1,628,655

See footnotes at end of table.

Table 8.--Steel other than semifinished steel: 1/ U.S. imports for consumption, and imports as a percent of apparent U.S. consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Import/consumption ratio (percent)				
VRA countries:				
Australia -----	.2	.2	.3	.3
Austria -----	.2	.1	.1	.2
Brazil -----	.8	.7	.6	.7
Czechoslovakia -----	2/	2/	2/	2/
East Germany -----	.1	.1	2/	.2
EC-----	6.1	4.7	3.5	4.4
Finland -----	.2	.2	.2	.3
Hungary -----	2/	2/	2/	.1
Japan -----	5.0	4.7	4.6	4.1
Mexico -----	.4	.5	.4	.4
Peoples Rep of China -----	2/	.1	.1	.1
Poland -----	.1	.1	2/	2/
Portugal -----	2/	2/	.1	.1
Romania -----	.1	.1	2/	.1
Republic of South Africa -----	.5	2/	2/	2/
Korea, Republic of -----	1.9	1.5	1.8	2.4
Spain -----	.7	.5	.9	.5
Trinidad and Tobago -----	.1	.1	.1	2/
Venezuela -----	.2	.1	.2	.3
Yugoslavia -----	2/	2/	2/	2/
Total-----	16.6	13.8	12.9	14.1
Other countries:				
Canada -----	3.6	4.0	5.5	3.7
Turkey -----	.2	.4	.5	.3
Argentina -----	.2	.4	.1	.7
Sweden -----	.3	.3	.1	.4
Taiwan -----	.6	.3	.3	.3
Indonesia -----	2/	.3	.2	.2
Singapore -----	.1	.2	.1	2/
Thailand -----	.1	.1	.1	.2
Norway -----	.1	.1	2/	.2
Malaysia -----	2/	.1	2/	2/
All others-----	.2	.3	.2	.5
Total-----	5.5	6.5	7.2	6.5
Grand total-----	22.1	20.3	20.1	20.6

1/ Semifinished steel includes ingots, blooms, billets, slabs, and sheet bars.

2/ Less than 0.05 percent.

Source: Compiled from data of the American Iron and Steel Institute and from official statistics of the U.S. Department of Commerce.

Table 9.--Semifinished steel: 1/ U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Source	Voluntary restraint level 2/	1986	1987	January	
				1987	1988
Quantity (short tons)					
VRA countries:					
Australia	50,000	12,332	35	0	20,167
Austria	3/	27	0	0	0
Brazil	700,000	405,633	481,287	20,421	86,132
Czechoslovakia	3/	0	0	0	0
East Germany	3/	0	1	0	0
EC Countries	4/ 820,000	764,554	955,673	51,763	75,280
Finland	15,000	17,296	13,948	0	0
Hungary	3/	0	569	0	0
Japan	100,000	158,350	93,288	234	607
Mexico	100,000	67,413	61,884	1,893	5,294
Peoples Rep of China	3/	0	13	0	0
Poland	3/	0	1,460	0	279
Portugal	3/	0	0	0	0
Romania	3/	0	0	0	0
Republic of South Africa	5/ 100,000	61,901	22,578	22,472	0
Korea, Republic of	50,000	31,462	27,043	0	88
Spain	50,000	42,245	36,905	9,534	11,384
Trinidad and Tobago	3,500	0	0	0	0
Venezuela	60,000	0	39,822	0	21,640
Yugoslavia	3/	0	0	0	0
Total	2,048,500	1,561,213	1,734,506	106,317	220,871
Other countries:					
Sweden	6/	308,968	342,056	40,368	14,380
Canada	6/	213,170	135,645	30,803	6,110
Norway	6/	0	44,440	0	0
New Zealand	6/	0	28,212	0	21,019
Argentina	6/	0	3,131	0	11,458
Indonesia	6/	0	906	0	1,236
Switzerland	6/	74	99	0	0
Peru	6/	551	0	0	0
U. S. S. R.	6/	226	0	0	0
Hong Kong	6/	3	0	0	0
All others	6/	117	0	0	0
Total	6/	523,109	554,489	71,171	54,203
Grand total	2,048,500	2,084,322	2,288,995	177,488	275,074

1/ Semifinished steel includes ingots, blooms, billets, slabs, and sheet bars.

2/ Restraint level applicable to year ending December 31, 1988.

3/ No explicit semifinished steel provisions.

4/ Includes 200,000 tons which may be imported at the discretion of the U.S. Trade Representative.

5/ Steel imports from South Africa in 1988 are reduced by the Comprehensive Anti-Apartheid Act of 1986, which embargoes certain steel products.

6/ Not applicable.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 10.--Carbon and certain alloy 1/₂ semifinished steel: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia -----	12,332	35	0	20,167
Austria -----	9	0	0	0
Brazil -----	405,474	467,926	20,378	86,132
Czechoslovakia -----	0	0	0	0
East Germany -----	0	1	0	0
EC countries -----	763,434	949,332	51,763	75,280
Finland -----	17,261	13,948	0	0
Hungary -----	0	569	0	0
Japan -----	155,609	89,683	23	27
Mexico -----	67,413	61,884	1,893	5,294
Peoples Rep of China -----	0	13	0	0
Poland -----	0	1,460	0	279
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	61,901	22,578	22,472	0
Korea, Republic of -----	31,462	27,043	0	88
Spain -----	41,702	36,537	9,534	11,024
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	39,822	0	21,640
Yugoslavia -----	0	0	0	0
Total -----	1,556,597	1,710,831	106,063	219,931
Other countries:				
Sweden -----	302,769	334,207	40,252	13,707
Canada -----	206,363	110,445	28,331	4,114
Norway -----	0	44,440	0	0
New Zealand -----	0	28,212	0	21,019
Argentina -----	0	3,131	0	11,458
Indonesia -----	0	906	0	1,236
Switzerland -----	74	99	0	<u>2</u>
Peru -----	551	0	0	0
U. S. S. R. -----	226	0	0	0
Hong Kong -----	3	0	0	0
All others -----	117	0	0	0
Total -----	510,103	521,440	68,583	51,534
Grand total -----	2,066,700	2,232,271	174,646	271,465

See footnote(s) at end of table.

Table 10.--Carbon and certain alloy ^{1/} semifinished steel: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia	1,846	6	0	2,919
Austria	24	0	0	0
Brazil	71,086	87,231	3,466	17,713
Czechoslovakia	0	0	0	0
East Germany	0	7	0	0
EC countries	150,148	208,398	13,834	17,794
Finland	3,190	2,945	0	0
Hungary	0	128	0	0
Japan	27,546	20,477	37	17
Mexico	10,994	11,428	362	1,334
Peoples Rep. of China	0	30	0	0
Poland	0	342	0	69
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	9,683	3,548	3,531	0
Korea, Republic of	5,586	4,809	0	20
Spain	7,550	6,503	1,720	1,843
Trinidad and Tobago	0	0	0	0
Venezuela	0	6,708	0	3,769
Yugoslavia	0	0	0	0
Total	287,653	352,560	22,950	45,478
Other countries:				
Sweden	61,934	76,098	8,986	3,156
Canada	44,986	26,940	6,733	1,278
Norway	0	8,098	0	0
New Zealand	0	6,332	0	3,926
Argentina	0	1,109	0	4,147
Indonesia	0	242	0	336
Switzerland	19	140	0	1
Peru	541	0	0	0
U. S. S. R.	204	0	0	0
All others	40	0	0	0
Total	107,724	118,959	15,719	12,844
Grand total	395,377	471,519	38,669	58,322

^{1/} Certain alloy refers to alloy steel other than stainless or tool steel.

^{2/} Less than 0.5 short ton.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 11.--Carbon and certain alloy 1/ steel plate: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia -----	2,057	5,014	384	500
Austria -----	8,380	9,701	122	2,597
Brazil -----	100,352	112,608	4,816	8,798
Czechoslovakia -----	11,490	10,416	0	0
East Germany -----	6,709	16,091	27	2,634
EC countries -----	479,658	381,994	13,082	29,190
Finland -----	78,057	69,486	2,574	7,680
Hungary -----	12,318	13,933	0	2,121
Japan -----	42,638	35,903	1,643	2,080
Mexico -----	14,570	12,930	1,265	1,840
Peoples Rep of China -----	0	0	0	0
Poland -----	11,247	30,633	0	193
Portugal -----	0	0	0	0
Romania -----	59,620	49,274	0	2,216
Republic of South Africa -----	83,134	465	421	0
Korea, Republic of -----	78,292	64,323	2,902	3,310
Spain -----	77,646	63,973	4,685	1,840
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	4,778	6,872	0	0
Yugoslavia -----	11,869	0	0	0
Total-----	1,082,815	883,616	31,921	64,999
Other countries:				
Canada -----	254,535	449,135	41,885	41,785
Sweden -----	70,057	106,253	2,314	17,538
Indonesia -----	7,596	46,701	1,523	11,257
India -----	10,940	35,711	1,615	2,933
Argentina -----	5,067	17,499	0	3,757
Pakistan -----	0	6,227	0	0
Turkey -----	22	6,145	0	2,255
Rhodesia -----	2,664	2,038	780	0
Norway -----	0	1,229	0	0
Israel -----	1,188	671	269	151
All others -----	5,491	352	4	2,970
Total-----	357,560	671,961	48,390	82,646
Grand total-----	1,440,375	1,555,577	80,311	147,645

See footnote(s) at end of table.

Table 11.--Carbon and certain alloy ^{1/} steel plate: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia -----	1,073	2,285	182	251
Austria -----	2,890	3,379	84	990
Brazil -----	30,298	36,299	1,614	3,539
Czechoslovakia -----	2,376	2,292	0	0
East Germany -----	1,427	3,761	8	681
EC countries -----	138,765	126,682	4,395	10,758
Finland -----	19,511	18,573	642	2,440
Hungary -----	2,781	3,104	0	490
Japan -----	19,267	19,324	770	909
Mexico -----	3,316	3,340	311	640
Peoples Rep of China -----	0	0	0	0
Poland -----	2,277	7,316	0	47
Portugal -----	0	0	0	0
Romania -----	14,463	13,447	0	569
Republic of South Africa -----	20,980	145	129	0
Korea, Republic of -----	21,674	21,560	875	1,313
Spain -----	21,417	20,059	1,271	569
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	1,084	1,762	0	0
Yugoslavia -----	2,881	0	0	0
Total -----	306,480	283,328	10,281	23,196
Other countries:				
Canada -----	84,532	155,991	13,645	16,335
Sweden -----	23,347	40,807	1,188	7,507
Indonesia -----	1,799	12,461	363	3,064
India -----	2,551	13,055	374	796
Argentina -----	1,238	4,317	0	1,059
Pakistan -----	0	2,559	0	0
Turkey -----	5	1,554	0	659
Rhodesia -----	840	681	258	0
Norway -----	0	508	0	0
Israel -----	522	288	120	71
All others -----	1,677	231	14	831
Total -----	116,511	232,452	15,962	30,322
Grand total -----	422,991	515,780	26,243	53,518

^{1/} Certain alloy refers to alloy steel other than stainless or tool steel.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 12.--Carbon and certain alloy 1/ steel sheet and strip: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia	148,370	123,054	15,649	20,531
Austria	101,853	82,055	4,771	4,675
Brazil	320,745	343,715	25,045	17,903
Czechoslovakia	743	2,410	556	0
East Germany	41,841	61,012	0	6,860
EC countries	2,560,423	2,172,597	83,601	147,349
Finland	82,084	71,070	8,531	16,517
Hungary	8,232	9,600	0	1,417
Japan	2,445,266	2,381,393	192,958	183,292
Mexico	105,699	127,973	7,298	7,729
Peoples Rep of China	34	584	0	0
Poland	9,693	13,390	0	435
Portugal	26,547	29,872	6,285	4,406
Romania	6,111	3,665	0	0
Republic of South Africa	185,645	372	0	0
Korea, Republic of	664,256	603,796	59,766	50,487
Spain	165,958	100,179	10,010	8,150
Trinidad and Tobago	0	0	0	0
Venezuela	77,327	56,293	0	13,970
Yugoslavia	0	0	0	0
Total	6,950,827	6,183,030	414,470	483,721
Other countries:				
Canada	883,258	1,119,490	144,073	78,081
Argentina	108,394	175,619	4,817	31,278
Turkey	35,921	67,134	3,901	6,350
Sweden	46,191	61,509	482	8,576
Taiwan	54,232	60,024	2,684	5,835
Indonesia	3,252	24,966	218	3,510
Norway	15,560	15,629	1,610	123
Algeria	10,998	11,632	2,590	1,464
New Zealand	13,862	10,795	0	291
Pakistan	0	10,113	0	0
All others	4,540	6,653	387	165
Total	1,176,208	1,563,564	160,762	135,673
Grand total	8,127,035	7,746,594	575,232	619,394

See footnote(s) at end of table.

Table 12.--Carbon and certain alloy ^{1/} steel sheet and strip: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia -----	60,856	59,001	6,617	10,379
Austria -----	32,746	26,289	1,638	1,667
Brazil -----	94,568	119,782	7,583	6,471
Czechoslovakia -----	192	644	155	0
East Germany -----	11,130	17,087	0	2,209
EC countries -----	949,298	877,390	35,373	64,749
Finland -----	24,700	25,253	3,012	6,039
Hungary -----	1,871	2,371	0	329
Japan -----	1,168,831	1,208,940	97,119	96,763
Mexico -----	45,921	60,338	3,227	3,989
Peoples Rep of China -----	8	114	0	0
Poland -----	3,195	5,198	0	179
Portugal -----	10,687	14,108	2,737	2,241
Romania -----	2,368	1,246	0	0
Republic of South Africa -----	59,193	124	0	0
Korea, Republic of -----	229,043	234,228	22,871	20,797
Spain -----	62,503	40,855	3,671	3,518
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	24,685	18,728	0	5,826
Yugoslavia -----	0	0	0	0
Total -----	2,781,795	2,711,696	184,003	225,156
Other countries:				
Canada -----	345,314	463,992	56,796	33,696
Argentina -----	32,127	64,208	1,659	10,961
Turkey -----	11,900	27,144	2,117	2,115
Sweden -----	31,917	37,494	683	4,149
Taiwan -----	17,259	22,313	961	2,273
Indonesia -----	757	6,638	52	949
Norway -----	7,847	7,955	789	78
Algeria -----	3,812	4,076	1,050	406
New Zealand -----	8,195	5,600	0	159
Pakistan -----	0	2,221	0	0
All others -----	1,662	2,985	234	143
Total -----	460,790	644,626	64,341	54,929
Grand total -----	3,242,585	3,356,322	248,344	280,085

^{1/} Certain alloy refers to alloy steel other than stainless or tool steel.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 13.--Carbon and certain alloy 1/ steel bars and light shapes: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia -----	174	117	25	0
Austria -----	692	394	34	34
Brazil -----	53,328	50,090	745	6,632
Czechoslovakia -----	0	0	0	0
East Germany -----	43	2	0	0
EC countries -----	252,311	209,024	10,046	9,673
Finland -----	2,788	2,752	128	317
Hungary -----	0	43	0	0
Japan -----	144,395	154,408	16,211	15,104
Mexico -----	20,138	31,521	3,669	783
Peoples Rep of China -----	13,844	4,820	273	383
Poland -----	471	1,037	0	71
Portugal -----	0	0	0	0
Romania -----	0	122	0	0
Republic of South Africa -----	13,137	221	0	0
Korea, Republic of -----	72,422	56,173	4,631	8,452
Spain -----	33,006	30,581	2,984	2,162
Trinidad and Tobago -----	32,981	18,047	3,112	3,315
Venezuela -----	14,417	13,530	1,992	0
Yugoslavia -----	0	287	0	0
Total -----	654,147	573,169	43,850	46,926
Other countries:				
Canada -----	378,241	379,637	39,661	36,469
Turkey -----	46,064	94,882	3,839	8,658
Indonesia -----	167	44,957	0	0
Taiwan -----	173,446	44,665	1,810	2,248
Singapore -----	40,134	39,869	0	0
Malaysia -----	0	29,495	0	0
Norway -----	28,134	28,347	0	6,069
Argentina -----	13,194	18,954	1,075	2,425
India -----	8,936	10,014	401	1,053
Sweden -----	10,998	7,255	299	402
All others -----	40,270	9,924	82	104
Total -----	739,584	707,999	47,167	57,428
Grand total -----	1,393,731	1,281,168	91,017	104,354

See footnote(s) at end of table.

Table 13.--Carbon and certain alloy 1/ steel bars and light shapes: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia -----	119	92	18	0
Austria -----	828	590	32	43
Brazil -----	14,160	15,461	280	2,239
Czechoslovakia -----	0	0	0	0
East Germany -----	13	1	0	0
EC countries -----	104,843	154,145	5,397	5,651
Finland -----	1,504	1,685	81	193
Hungary -----	0	14	0	0
Japan -----	58,397	62,568	6,080	6,233
Mexico -----	5,702	8,595	858	325
Peoples Rep of China -----	3,074	1,683	86	126
Poland -----	314	548	0	49
Portugal -----	0	0	0	0
Romania -----	0	600	0	0
Republic of South Africa -----	2,930	71	0	0
Korea, Republic of -----	18,324	15,094	1,273	1,972
Spain -----	11,077	11,163	1,053	1,404
Trinidad and Tobago -----	8,502	5,496	711	763
Venezuela -----	3,229	3,187	421	0
Yugoslavia -----	0	73	0	0
Total -----	233,016	281,066	16,290	18,998
Other countries:				
Canada -----	137,503	146,520	14,895	15,030
Turkey -----	10,100	24,960	749	2,214
Indonesia -----	36	9,076	0	0
Taiwan -----	40,070	11,531	465	618
Singapore -----	9,055	10,128	0	0
Malaysia -----	0	7,372	0	0
Norway -----	5,801	5,906	0	1,260
Argentina -----	3,321	4,865	418	556
India -----	3,394	3,490	140	385
Sweden -----	5,868	4,732	201	291
All others -----	10,063	2,633	40	43
Total -----	225,211	231,213	16,908	20,397
Grand total -----	458,227	512,279	33,198	39,395

1/ Certain alloy refers to alloy steel other than stainless or tool steel.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 14.--Carbon and certain alloy 1/ steel wire rod: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia	10,953	9,664	1,002	1,630
Austria	2,040	401	0	256
Brazil	50,172	50,183	0	4,717
Czechoslovakia	16,668	10,307	1,425	1,789
East Germany	10,485	12,806	0	1,966
EC countries	244,578	235,247	13,816	24,902
Finland	6,736	2,237	0	0
Hungary	0	2,862	0	0
Japan	263,715	245,672	23,379	30,120
Mexico	60,523	62,826	2,664	1,131
Peoples Rep of China	0	0	0	25
Poland	0	0	0	0
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	14,971	0	0	0
Korea, Republic of	94	432	0	26
Spain	48,926	40,302	7,822	6,582
Trinidad and Tobago	44,035	43,094	3,085	0
Venezuela	2,248	4,471	0	0
Yugoslavia	0	0	0	0
Total	776,144	720,504	53,193	73,144
Other countries:				
Canada	376,954	390,071	38,596	30,503
Indonesia	26,888	97,932	10,003	0
Turkey	23,523	61,072	18,334	0
Singapore	33,065	60,425	6,975	0
Malaysia	18,074	47,789	0	0
Saudi Arabia	0	42,619	0	2,907
Taiwan	42,042	15,798	743	779
Sweden	41,688	10,079	427	652
New Zealand	559	1,505	0	0
Dominican Republic	4	765	0	0
All others	5,316	161	0	1
Total	568,113	728,216	75,078	34,842
Grand total	1,344,257	1,448,720	128,271	107,986

See footnote(s) at end of table.

Table 14.--Carbon and certain alloy ^{1/} steel wire rod: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia -----	2,183	1,983	218	329
Austria -----	677	179	0	106
Brazil -----	9,730	12,145	0	1,104
Czechoslovakia -----	3,239	2,164	294	363
East Germany -----	2,130	2,585	0	379
EC countries -----	79,431	84,580	4,499	8,752
Finland -----	2,035	692	0	0
Hungary -----	0	557	0	0
Japan -----	110,977	103,044	9,835	12,199
Mexico -----	12,961	14,093	631	324
Peoples Rep of China -----	0	0	0	7
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	3,323	0	0	0
Korea, Republic of -----	61	179	0	13
Spain -----	12,776	11,411	1,931	1,771
Trinidad and Tobago -----	9,911	9,538	557	0
Venezuela -----	486	1,014	0	0
Yugoslavia -----	0	0	0	0
Total-----	249,920	244,164	17,965	25,347
Other countries:				
Canada -----	120,938	127,412	12,403	10,071
Indonesia -----	6,995	21,082	2,456	0
Turkey -----	5,354	13,673	4,164	0
Singapore -----	7,633	14,388	1,682	0
Malaysia -----	4,072	11,059	0	0
Saudi Arabia -----	0	8,616	0	592
Taiwan -----	13,766	6,199	270	327
Sweden -----	16,323	6,215	258	447
New Zealand -----	967	310	0	0
Dominican Republic -----	1	157	0	0
All others-----	1,411	42	0	1
Total-----	177,460	209,153	21,233	11,438
Grand total-----	427,380	453,317	39,198	36,785

^{1/} Certain alloy refers to alloy steel other than stainless or tool steel.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 15.--Carbon and certain alloy 1/2 steel wire: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia	4,560	4,963	431	153
Austria	1,950	2,484	208	126
Brazil	10,693	10,577	616	2,960
Czechoslovakia	0	0	0	0
East Germany	191	89	0	0
EC countries	173,859	174,468	14,464	14,025
Finland	1,241	400	49	48
Hungary	22	57	0	0
Japan	108,486	96,684	10,569	6,905
Mexico	3,024	3,991	175	134
Peoples Rep of China	4,400	7,302	604	258
Poland	121	2	0	0
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	11,973	187	0	0
Korea, Republic of	10,949	8,226	1,165	613
Spain	79	40	2	0
Trinidad and Tobago	198	1,435	44	136
Venezuela	6,782	7,717	1,076	861
Yugoslavia	0	42	42	0
Total	338,528	318,664	29,445	26,219
Other countries:				
Canada	203,478	194,819	17,702	16,122
Sweden	8,620	7,745	848	509
Taiwan	2,843	3,217	222	289
Bahamas	2,742	2,708	294	0
India	1,337	2,572	325	865
Norway	1,681	2,476	137	0
Chile	600	1,379	0	280
Switzerland	1,914	1,372	119	125
Argentina	695	1,170	0	451
Israel	320	305	23	43
All others	1,723	469	29	18
Total	225,953	218,232	19,699	18,702
Grand total	564,481	536,896	49,144	44,921

See footnote(s) at end of table.

Table 15.--Carbon and certain alloy 1/ steel wire: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia	2,109	2,329	210	77
Austria	2,375	3,613	232	176
Brazil	4,651	4,944	252	1,284
Czechoslovakia	0	0	0	0
East Germany	49	24	0	0
EC countries	118,582	129,054	10,172	10,579
Finland	553	170	20	21
Hungary	15	17	0	0
Japan	73,147	64,973	7,653	5,148
Mexico	1,302	1,681	70	56
Peoples Rep of China	1,671	2,868	239	96
Poland	33	3	0	0
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	4,524	85	0	0
Korea, Republic of	6,450	4,882	707	350
Spain	29	33	3	0
Trinidad and Tobago	315	448	12	52
Venezuela	3,099	3,802	506	425
Yugoslavia	0	24	24	0
Total	218,904	218,950	20,100	18,264
Other countries:				
Canada	106,212	101,960	8,877	8,654
Sweden	10,463	10,304	1,104	577
Taiwan	1,786	1,964	116	146
Bahamas	872	925	109	0
India	540	883	94	335
Norway	973	1,427	77	0
Chile	244	532	0	121
Switzerland	1,044	898	72	76
Argentina	324	499	0	337
Israel	159	238	9	29
All others	748	231	12	9
Total	123,365	119,861	10,470	10,284
Grand total	342,269	338,811	30,570	28,548

1/ Certain alloy refers to alloy steel other than stainless or tool steel.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 16.--Carbon and certain alloy 1/ steel wire products: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia	53	291	0	0
Austria	2,954	1,113	140	82
Brazil	14,021	10,382	1,291	2,015
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	53,443	34,544	3,639	3,034
Finland	1	0	0	2/
Hungary	0	0	0	0
Japan	50,437	50,318	4,605	2,422
Mexico	12,755	14,577	1,279	781
Peoples Rep of China	22,111	36,253	3,022	4,699
Poland	16,778	19,213	1,114	122
Portugal	416	683	3	57
Romania	3,210	6,859	0	0
Republic of South Africa	13,931	4,340	152	1,453
Korea, Republic of	196,032	186,794	14,866	21,124
Spain	30,620	18,997	898	1,622
Trinidad and Tobago	0	0	0	37
Venezuela	680	2,683	277	130
Yugoslavia	7,027	7,882	1,045	467
Total	424,469	394,929	32,331	38,045
Other countries:				
Canada	122,483	106,028	9,379	7,145
Taiwan	38,141	37,689	3,495	1,421
Turkey	21,037	37,393	5,885	1,201
Thailand	5,525	20,516	716	317
Argentina	6,988	12,069	1,527	1,784
Indonesia	0	11,116	0	916
Chile	6,984	10,919	396	862
United Arab Emirates	360	7,787	532	680
Israel	5,180	2,817	152	220
Tunisia	24	1,079	0	0
All others	7,399	7,037	154	846
Total	212,121	254,450	22,236	15,392
Grand total	636,590	649,379	54,567	53,437

See footnote(s) at end of table.

Table 16.--Carbon and certain alloy ^{1/} steel wire products: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia -----	53	249	0	0
Austria -----	3,600	1,973	176	178
Brazil -----	5,133	4,592	554	1,006
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	38,480	27,128	2,486	2,296
Finland -----	4	0	0	4
Hungary -----	0	0	0	0
Japan -----	41,249	46,874	3,866	2,580
Mexico -----	6,585	7,758	633	435
Peoples Rep of China -----	10,661	17,786	1,446	1,769
Poland -----	5,735	7,056	394	59
Portugal -----	414	820	5	78
Romania -----	986	2,424	0	0
Republic of South Africa -----	7,140	2,199	60	743
Korea, Republic of -----	125,730	128,818	9,763	14,230
Spain -----	14,164	11,866	507	912
Trinidad and Tobago -----	0	0	0	11
Venezuela -----	292	498	76	33
Yugoslavia -----	2,403	2,845	510	206
Total -----	262,629	262,886	20,476	24,540
Other countries:				
Canada -----	77,974	73,873	6,223	4,924
Taiwan -----	21,780	24,306	1,965	1,085
Turkey -----	7,252	12,966	1,907	407
Thailand -----	2,527	10,027	382	283
Argentina -----	2,522	5,105	597	752
Indonesia -----	0	4,341	0	332
Chile -----	1,810	4,662	163	408
United Arab Emirates -----	122	2,582	192	247
Israel -----	2,702	1,900	94	204
Tunisia -----	16	611	0	0
All others -----	5,220	4,831	156	596
Total -----	121,925	145,204	11,679	9,238
Grand total -----	384,554	408,090	32,155	33,778

^{1/} Certain alloy refers to alloy steel other than stainless or tool steel.

^{2/} Less than 0.5 short ton.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 17.--Carbon and certain alloy 1/ steel structural shapes and units: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia -----	389	55	20	0
Austria -----	616	377	33	28
Brazil -----	7,269	11,926	854	3,707
Czechoslovakia -----	0	0	0	0
East Germany -----	4	0	0	0
EC countries -----	755,615	645,485	65,164	45,369
Finland -----	985	341	0	83
Hungary -----	0	0	0	0
Japan -----	469,071	629,977	44,174	28,276
Mexico -----	18,361	17,953	235	1,335
Peoples Rep of China -----	44	8	0	0
Poland -----	16,532	18,559	380	893
Portugal -----	35	122	95	0
Romania -----	0	0	0	0
Republic of South Africa -----	85,839	933	11	43
Korea, Republic of -----	90,661	135,070	16,444	23,423
Spain -----	176,833	177,434	26,446	16,186
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	34	0	0	0
Yugoslavia -----	0	0	0	0
Total -----	1,622,288	1,638,240	153,856	119,343
Other countries:				
Canada -----	454,749	398,180	42,751	30,099
Norway -----	42,747	61,316	868	10,765
Argentina -----	4,162	17,757	70	4,176
Taiwan -----	30,683	17,179	3,072	906
New Zealand -----	8,069	9,076	498	281
Singapore -----	12,081	6,702	1,848	0
Sweden -----	2,170	2,170	12	34
Israel -----	2,300	1,379	60	80
Mauritius -----	0	906	0	0
India -----	62	258	0	49
All others -----	344	506	87	209
Total -----	557,367	515,429	49,266	46,599
Grand total -----	2,179,655	2,153,669	203,122	165,942

See footnote(s) at end of table.

Table 17.--Carbon and certain alloy 1/ steel structural shapes and units: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia	240	54	11	0
Austria	1,402	1,455	272	98
Brazil	2,580	4,099	217	1,645
Czechoslovakia	0	0	0	0
East Germany	3	0	0	0
EC countries	249,427	222,416	21,868	17,219
Finland	1,189	336	0	122
Hungary	0	0	0	0
Japan	155,723	189,574	12,622	9,467
Mexico	7,998	7,074	90	551
Peoples Rep of China	21	71	0	0
Poland	3,631	3,990	77	216
Portugal	87	78	61	0
Romania	0	0	0	0
Republic of South Africa	23,349	573	4	25
Korea, Republic of	40,984	59,530	8,636	12,051
Spain	52,245	48,816	7,273	4,430
Trinidad and Tobago	0	0	0	0
Venezuela	22	0	0	0
Yugoslavia	0	0	0	0
Total	538,901	538,066	51,131	45,824
Other countries:				
Canada	251,967	220,522	20,495	15,087
Norway	10,392	15,052	199	2,988
Argentina	1,239	4,186	21	1,001
Taiwan	18,634	9,331	2,006	559
New Zealand	8,770	9,040	566	301
Singapore	6,910	4,293	968	0
Sweden	4,563	7,243	36	80
Israel	3,353	5,483	71	159
Mauritius	0	260	0	0
India	60	203	0	44
All others	672	1,238	88	694
Total	306,560	276,851	24,450	20,913
Grand total	845,461	814,917	75,581	66,737

1/ Certain alloy refers to alloy steel other than stainless or tool steel.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 18.--Carbon and certain alloy 1/ steel rails and related products: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia	269	30	0	0
Austria	133	5	0	2/
Brazil	1,874	2,440	106	75
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	84,441	42,340	7,569	3,348
Finland	1	1	0	0
Hungary	0	0	0	0
Japan	93,700	84,891	12,896	7,278
Mexico	116	46	37	0
Peoples Rep of China	683	45	0	0
Poland	0	0	0	0
Portugal	3	0	0	0
Romania	0	0	0	0
Republic of South Africa	388	879	0	0
Korea, Republic of	8,101	5,803	468	236
Spain	10	0	0	0
Trinidad and Tobago	0	0	0	0
Venezuela	0	344	0	0
Yugoslavia	2/	0	0	0
Total	189,719	136,824	21,076	10,937
Other countries:				
Canada	84,924	101,439	5,699	16,037
Sweden	579	7,424	2/	1,042
Taiwan	365	168	23	4
Mauritius	0	66	0	0
Israel	98	33	0	0
New Zealand	0	25	0	0
Argentina	0	6	0	0
Switzerland	2/	3	0	0
Bahamas	1	0	0	0
Chile	11	0	0	0
All others	13	0	0	0
Total	85,991	109,164	5,722	17,083
Grand total	275,710	245,988	26,798	28,020

See footnote(s) at end of table.

Table 18.--Carbon and certain alloy 1/ steel rails and related products: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia -----	286	15	0	0
Austria -----	746	37	0	1
Brazil -----	1,125	2,016	61	51
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	33,288	17,563	2,468	1,641
Finland -----	2	5	0	0
Hungary -----	0	0	0	0
Japan -----	37,655	34,066	5,095	3,051
Mexico -----	36	14	5	0
Peoples Rep of China -----	1,070	32	0	0
Poland -----	0	0	0	0
Portugal -----	9	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	222	563	0	0
Korea, Republic of -----	2,836	1,863	167	84
Spain -----	34	0	0	0
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	70	0	0
Yugoslavia -----	1	0	0	0
Total -----	77,310	56,244	7,796	4,828
Other countries:				
Canada -----	11,244	20,479	1,279	5,069
Sweden -----	211	2,553	2	186
Taiwan -----	570	302	37	7
Mauritius -----	0	27	0	0
Israel -----	237	76	0	0
New Zealand -----	0	134	0	0
Argentina -----	0	24	0	0
Switzerland -----	11	46	0	0
Bahamas -----	1	0	0	0
All others -----	29	0	0	0
Total -----	12,303	23,641	1,318	5,262
Grand total -----	89,613	79,885	9,114	10,090

1/ Certain alloy refers to alloy steel other than stainless or tool steel.

2/ Less than 0.5 short ton.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 19.--Carbon and certain alloy 1/ steel pipe and tube: U.S. imports for U.S. imports for consumption, by specified sources 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia -----	13,068	11,869	937	2,195
Austria -----	10,774	19,766	1	4,574
Brazil -----	158,996	75,669	6,189	4,402
Czechoslovakia -----	3,348	6,660	311	768
East Germany -----	1,414	5,909	0	1,490
EC countries-----	544,306	383,341	20,615	63,396
Finland -----	2,402	5,968	1,600	1,114
Hungary -----	0	0	0	585
Japan -----	669,349	542,452	4,497	44,970
Mexico -----	120,678	137,761	13,439	16,797
Peoples Rep of China -----	796	2,056	0	0
Poland -----	5,472	7,267	0	183
Portugal -----	652	410	0	0
Romania -----	18,674	22,488	0	3,465
Republic of South Africa -----	44,941	40	40	0
Korea, Republic of -----	473,648	331,525	19,685	78,243
Spain -----	40,643	32,753	4,330	2,600
Trinidad and Tobago -----	6	0	0	0
Venezuela -----	35,237	38,840	8,681	5,199
Yugoslavia -----	6,048	7,183	0	0
Total-----	2,150,452	1,631,957	80,325	229,981
Other countries:				
Canada -----	383,430	514,456	35,189	34,529
Turkey -----	23,701	140,786	5,471	5,875
Argentina -----	37,948	100,108	700	9,997
Thailand -----	61,497	93,717	4,621	14,033
Taiwan -----	146,515	79,176	7,488	9,745
Singapore -----	30,015	37,408	1,351	1,502
Sweden -----	23,201	30,146	1,276	2,076
Saudi Arabia -----	4,705	18,036	1,833	1,570
Algeria -----	1,303	15,592	0	2,023
Switzerland -----	9,049	14,091	815	4,633
All others-----	51,213	73,171	2,926	13,587
Total-----	772,577	1,116,687	61,670	99,570
Grand total-----	2,923,029	2,748,644	141,995	329,551

See footnote(s) at end of table.

Table 19.--Carbon and certain alloy 1/ steel pipe and tube: U.S. imports for U.S. imports for consumption, by specified sources 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia	4,090	4,265	334	843
Austria	6,637	11,963	2	3,707
Brazil	60,073	32,186	2,061	2,149
Czechoslovakia	1,126	2,057	94	295
East Germany	548	1,862	0	504
EC countries	267,898	197,587	9,949	37,504
Finland	767	1,915	489	416
Hungary	0	0	0	266
Japan	361,854	295,849	3,361	28,337
Mexico	43,283	57,935	5,186	8,652
Peoples Rep of China	208	895	0	0
Poland	1,571	2,219	0	65
Portugal	279	157	0	0
Romania	5,758	7,377	0	1,120
Republic of South Africa	13,291	15	15	0
Korea, Republic of	178,206	137,101	7,441	34,953
Spain	17,717	16,510	1,453	1,686
Trinidad and Tobago	5	0	0	0
Venezuela	11,700	13,066	2,748	1,842
Yugoslavia	1,982	2,462	0	0
Total	976,993	785,421	33,133	122,339
Other countries:				
Canada	179,832	254,194	15,741	18,383
Turkey	6,504	43,271	1,385	2,063
Argentina	14,160	38,060	279	3,817
Thailand	19,224	32,613	1,511	5,475
Taiwan	46,185	28,607	2,660	4,036
Singapore	10,066	13,763	514	547
Sweden	14,268	21,798	1,095	1,944
Saudi Arabia	1,947	7,847	737	761
Algeria	261	3,756	0	394
Switzerland	5,550	6,502	391	1,561
All others	19,775	26,747	960	5,431
Total	317,772	477,158	25,273	44,412
Grand total	1,294,765	1,262,579	58,406	166,751

1/ Certain alloy refers to alloy steel other than stainless or tool steel.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 20. Total, carbon and certain 1/ alloy steel products: U.S. imports for consumption, by principal sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia -----	192,227	155,092	18,449	45,176
Austria -----	129,400	116,298	5,308	12,373
Brazil -----	1,122,924	1,135,516	60,040	137,341
Czechoslovakia -----	32,249	29,792	2,292	2,557
East Germany -----	60,687	95,910	27	12,950
EC countries -----	5,912,068	5,228,372	283,758	415,566
Finland -----	191,555	166,202	12,881	25,760
Hungary -----	20,572	27,064	0	4,123
Japan -----	4,442,667	4,311,383	310,957	320,473
Mexico -----	423,275	471,462	31,953	35,823
Peoples Rep of China -----	41,912	51,081	3,899	5,365
Poland -----	60,314	91,561	1,494	2,177
Portugal -----	27,654	31,087	6,383	4,463
Romania -----	87,616	82,408	0	5,681
Republic of South Africa -----	515,860	30,015	23,096	1,496
Korea, Republic of -----	1,625,917	1,419,183	119,925	186,000
Spain -----	615,423	500,796	66,711	50,165
Trinidad and Tobago -----	77,219	62,575	6,242	3,488
Venezuela -----	141,503	170,571	12,025	41,800
Yugoslavia -----	24,944	15,394	1,087	467
Total -----	15,745,986	14,191,762	966,527	1,313,244
Other countries:				
Canada -----	3,348,415	3,763,701	403,267	294,884
Sweden -----	506,346	566,885	45,910	44,537
Turkey -----	150,268	407,413	37,431	24,340
Argentina -----	177,545	346,313	8,190	65,327
Taiwan -----	492,205	257,931	19,541	21,227
Indonesia -----	37,903	235,573	11,744	17,611
Norway -----	96,764	154,194	2,643	17,065
Singapore -----	115,295	144,538	10,174	1,502
Thailand -----	67,022	120,179	5,336	14,394
Malaysia -----	22,547	91,854	649	1,226
All others -----	191,265	318,562	13,689	57,359
Total -----	5,205,575	6,407,143	558,574	559,472
Grand total -----	20,951,561	20,598,905	1,525,101	1,872,716

See footnote(s) at end of table.

Table 20. Total, carbon and certain ^{1/} alloy steel products: U.S. imports for consumption, by principal sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia	72,855	70,279	7,590	14,798
Austria	51,925	49,477	2,436	6,965
Brazil	293,404	318,756	16,088	37,201
Czechoslovakia	6,934	7,156	543	658
East Germany	15,298	25,328	8	3,773
EC countries	2,130,160	2,044,943	110,441	176,944
Finland	53,455	51,574	4,245	9,235
Hungary	4,666	6,191	0	1,084
Japan	2,054,647	2,045,689	146,436	164,702
Mexico	138,098	172,255	11,372	16,306
Peoples Rep of China	16,712	23,479	1,772	1,997
Poland	16,756	26,671	471	684
Portugal	11,477	15,163	2,803	2,319
Romania	23,574	25,093	0	1,688
Republic of South Africa	144,637	7,322	3,739	769
Korea, Republic of	628,894	608,066	51,732	85,782
Spain	199,512	167,216	18,882	16,133
Trinidad and Tobago	18,733	15,482	1,280	826
Venezuela	44,596	48,835	3,751	11,895
Yugoslavia	7,267	5,404	533	206
Total	5,933,600	5,734,379	384,122	553,965
Other countries:				
Canada	1,360,503	1,591,881	157,087	128,527
Sweden	169,088	207,367	13,555	18,339
Turkey	41,114	123,568	10,322	7,458
Argentina	55,192	122,372	2,973	22,630
Taiwan	161,213	104,597	8,494	9,058
Indonesia	9,587	56,949	2,871	4,934
Norway	28,599	39,717	1,099	4,467
Singapore	33,669	42,953	3,163	547
Thailand	21,750	43,817	1,894	5,775
Malaysia	5,586	23,733	267	455
All others	83,317	122,163	5,627	17,848
Total	1,969,618	2,479,117	207,352	220,038
Grand total	7,903,218	8,213,496	591,474	774,003

^{1/} Certain alloy refers to alloy steel other than stainless or tool steel.

Table 21.--Stainless semifinished steel: U.S. imports for consumption, by specified sources 1986, 1987, and by specified periods, 1987 and 1988.

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia	0	0	0	0
Austria	18	0	0	0
Brazil	159	13,361	42	0
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	1,120	6,340	0	0
Finland	35	0	0	0
Hungary	0	0	0	0
Japan	2,741	3,605	211	580
Mexico	0	0	0	0
Peoples Rep of China	0	0	0	0
Poland	0	0	0	0
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	0	0	0	0
Korea, Republic of	0	0	0	0
Spain	543	368	0	359
Trinidad and Tobago	0	0	0	0
Venezuela	0	0	0	0
Yugoslavia	0	0	0	0
Total	4,616	23,674	253	939
Other countries:				
Canada	6,808	25,200	2,472	1,996
Sweden	6,199	7,849	115	673
Total	13,007	33,049	2,587	2,669
Grand total	17,623	56,723	2,840	3,608

Table 21.--Stainless semifinished steel: U.S. imports for consumption, by specified sources 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia	0	0	0	0
Austria	41	0	0	0
Brazil	220	3,904	69	0
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	1,635	4,418	0	0
Finland	50	0	0	0
Hungary	0	0	0	0
Japan	2,978	3,581	148	820
Mexico	0	0	0	0
Peoples Rep of China	0	0	0	0
Poland	0	0	0	0
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	0	0	0	0
Korea, Republic of	0	0	0	0
Spain	343	1,566	0	1,903
Trinidad and Tobago	0	0	0	0
Venezuela	0	0	0	0
Yugoslavia	0	0	0	0
Total	5,267	13,469	217	2,723
Other countries:				
Canada	6,301	25,133	2,232	2,208
Sweden	6,913	7,692	239	941
Total	13,214	32,825	2,471	3,149
Grand total	18,481	46,294	2,688	5,872

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 22.--Stainless steel plate: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	127	96	1	1
Brazil -----	6	36	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	12,505	5,278	381	934
Finland -----	968	2,369	152	96
Hungary -----	0	0	0	0
Japan -----	860	1,558	207	60
Mexico -----	0	2	0	0
Peoples Rep of China -----	0	0	0	0
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	199	0	0	0
Korea, Republic of -----	0	0	0	0
Spain -----	0	0	0	0
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total -----	14,665	9,339	741	1,091
Other countries:				
Sweden -----	1,724	1,744	69	114
Canada -----	26	34	0	13
Total -----	1,750	1,778	69	127
Grand total -----	16,415	11,117	810	1,218

Table 22.--Stainless steel plate: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	326	366	3	6
Brazil -----	12	56	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	17,371	9,256	618	1,572
Finland -----	1,317	3,590	208	164
Hungary -----	0	0	0	0
Japan -----	1,379	2,339	270	95
Mexico -----	0	2	0	0
Peoples Rep of China -----	0	0	0	0
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	216	0	0	0
Korea, Republic of -----	0	0	0	0
Spain -----	0	0	0	0
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total -----	20,621	15,609	1,099	1,837
Other countries:				
Sweden -----	4,124	3,986	233	262
Canada -----	46	33	0	24
Total -----	4,170	4,019	233	286
Grand total -----	24,791	19,628	1,332	2,123

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 23.--Stainless steel sheet and strip: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	57	52	1	0
Brazil -----	472	550	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	67,087	41,504	4,010	3,879
Finland -----	9,272	6,296	312	268
Hungary -----	0	0	0	0
Japan -----	22,110	25,733	2,449	1,970
Mexico -----	11,240	18,819	344	537
Peoples Rep of China -----	0	21	0	0
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	2,475	0	0	0
Korea, Republic of -----	10,065	9,450	933	1,536
Spain -----	11,887	13,700	2,392	451
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total -----	134,665	116,125	10,441	8,641
Other countries:				
Sweden -----	8,227	7,493	504	538
Canada -----	4,115	4,892	428	445
Taiwan -----	4,173	345	80	0
India -----	184	341	58	0
Hong Kong -----	0	41	0	0
Norway -----	0	37	0	0
Jordan -----	20	19	0	0
Antigua -----	0	1	0	0
Panama -----	48	0	0	0
Switzerland -----	61	0	0	0
All others -----	77	0	0	0
Total -----	16,905	13,169	1,070	983
Grand total -----	151,570	129,294	11,511	9,624

Table 23.--Stainless steel sheet and strip: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia	0	0	0	0
Austria	194	202	4	0
Brazil	577	675	0	0
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	89,179	65,434	6,284	6,482
Finland	13,588	9,834	469	499
Hungary	0	0	0	0
Japan	35,055	43,684	3,996	3,584
Mexico	15,853	30,157	591	829
Peoples Rep of China	0	29	0	0
Poland	0	0	0	0
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	2,814	0	0	0
Korea, Republic of	13,218	14,459	1,669	2,296
Spain	16,002	20,342	3,498	690
Trinidad and Tobago	0	0	0	0
Venezuela	0	0	0	0
Yugoslavia	0	0	0	0
Total	186,480	184,816	16,511	14,380
Other countries:				
Sweden	17,505	17,785	1,105	1,179
Canada	5,426	8,019	589	782
Taiwan	5,474	464	110	0
India	246	492	80	0
Hong Kong	0	59	0	0
Norway	0	16	0	0
Jordan	37	37	0	0
Antigua	0	11	0	0
Panama	62	0	0	0
Switzerland	94	0	0	0
All others	110	0	0	0
Total	28,954	26,883	1,884	1,961
Grand total	215,434	211,699	18,395	16,341

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 24.--Stainless steel bars and shapes: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia	0	0	0	0
Austria	2	94	0	21
Brazil	2,636	1,450	78	185
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	6,481	5,899	830	1,663
Finland	36	0	0	0
Hungary	0	0	0	0
Japan	19,297	19,259	1,881	1,429
Mexico	22	0	0	2
Peoples Rep of China	0	4	0	2
Poland	0	0	0	0
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	0	0	0	0
Korea, Republic of	1,643	2,582	203	138
Spain	3,221	3,826	274	233
Trinidad and Tobago	0	0	0	0
Venezuela	0	0	0	0
Yugoslavia	0	0	0	0
Total	33,338	33,114	3,266	3,673
Other countries:				
Sweden	3,359	3,200	361	578
Canada	1,056	1,269	257	176
India	0	126	0	57
Argentina	130	111	0	0
Switzerland	0	66	0	0
Taiwan	4	59	0	6
Bulgaria	0	46	0	0
Jordan	2	0	0	0
Total	4,551	4,877	618	817
Grand total	37,889	37,991	3,884	4,490

Table 24.--Stainless steel bars and shapes: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia	0	0	0	0
Austria	5	257	0	53
Brazil	4,841	2,503	154	289
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	13,529	11,437	1,783	3,299
Finland	46	0	0	0
Hungary	0	0	0	0
Japan	37,714	36,707	3,568	2,798
Mexico	27	0	0	4
Peoples Rep of China	0	75	0	40
Poland	0	0	0	0
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	0	0	0	0
Korea, Republic of	2,920	4,294	359	192
Spain	5,750	6,889	466	439
Trinidad and Tobago	0	0	0	0
Venezuela	0	0	0	0
Yugoslavia	0	0	0	0
Total	64,832	62,162	6,330	7,114
Other countries:				
Sweden	6,726	6,180	723	1,134
Canada	2,447	2,136	351	325
India	0	199	0	90
Argentina	246	201	0	0
Switzerland	0	129	0	0
Taiwan	5	108	0	17
Bulgaria	0	70	0	0
Jordan	7	0	0	0
Total	9,431	9,023	1,074	1,566
Grand total	74,263	71,185	7,404	8,680

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 25.--Stainless steel wire rod: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia	0	0	0	0
Austria	0	0	0	0
Brazil	1,348	874	0	181
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	4,639	5,482	257	736
Finland	0	0	0	0
Hungary	0	0	0	0
Japan	6,101	5,544	488	401
Mexico	0	0	0	0
Peoples Rep of China	0	0	0	0
Poland	0	0	0	0
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	0	0	0	0
Korea, Republic of	863	868	46	95
Spain	1,682	1,542	176	270
Trinidad and Tobago	0	0	0	0
Venezuela	0	0	0	0
Yugoslavia	0	0	0	17
Total	14,633	14,310	967	1,700
Other countries:				
Sweden	3,864	3,955	372	315
Taiwan	0	47	0	0
Total	3,864	4,002	372	315
Grand total	18,497	18,312	1,339	2,015

Table 25.--Stainless steel wire rod: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	0	0	0	0
Brazil -----	1,619	1,224	0	246
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	8,410	11,089	434	1,354
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	9,707	8,927	1,014	642
Mexico -----	0	0	0	0
Peoples Rep. of China -----	0	0	0	0
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	1,112	1,150	60	132
Spain -----	2,669	2,539	273	499
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	22
Total -----	23,517	24,929	1,781	2,895
Other countries:				
Sweden -----	6,619	6,995	665	597
Taiwan -----	0	72	0	0
Total -----	6,619	7,067	665	597
Grand total -----	30,136	31,996	2,446	3,492

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 26.--Stainless steel wire: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia -----	1	1/	1/	1/
Austria -----	15	37	1	0
Brazil -----	156	188	71	1
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	6,257	6,763	299	551
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	3,621	4,254	483	389
Mexico -----	0	0	0	0
Peoples Rep of China -----	6	0	0	0
Poland -----	0	71	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	1,033	884	166	196
Spain -----	265	621	228	51
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total -----	11,354	12,818	1,248	1,188
Other countries:				
Sweden -----	2,459	2,555	148	161
Canada -----	2,483	2,043	165	156
Taiwan -----	1,191	1,462	184	17
India -----	0	77	0	0
Israel -----	0	65	4	0
Switzerland -----	42	47	21	19
New Zealand -----	0	15	0	0
Singapore -----	12	0	0	0
Total -----	6,187	6,264	522	353
Grand total -----	17,541	19,082	1,770	1,541

See footnote(s) at end of table.

Table 26.--Stainless steel wire: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia	91	64	12	16
Austria	50	172	4	0
Brazil	213	282	105	3
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	17,799	17,601	1,028	1,438
Finland	0	0	0	0
Hungary	0	0	0	0
Japan	11,367	13,957	1,652	1,471
Mexico	0	0	0	0
Peoples Rep of China	13	0	0	0
Poland	0	16	0	0
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	0	0	0	0
Korea, Republic of	2,563	2,240	438	481
Spain	489	1,280	450	107
Trinidad and Tobago	0	0	0	0
Venezuela	0	0	0	0
Yugoslavia	0	0	0	0
Total	32,585	35,612	3,689	3,516
Other countries:				
Sweden	10,073	10,548	664	652
Canada	6,594	6,960	579	581
Taiwan	2,927	3,797	491	54
India	0	159	0	0
Israel	0	85	3	0
Switzerland	128	170	65	68
New Zealand	0	49	0	0
All others	25	0	0	0
Total	19,747	21,768	1,802	1,355
Grand total	52,332	57,380	5,491	4,871

1/ Less than 0.5 short ton.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 27.--Stainless steel pipe and tube: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia -----	0	0	0	1
Austria -----	490	395	6	81
Brazil -----	6	0	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	4,830	4,430	355	998
Finland -----	6	0	0	0
Hungary -----	0	0	0	0
Japan -----	11,167	7,208	456	1,022
Mexico -----	372	781	86	13
Peoples Rep of China -----	1/	0	0	0
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	773	517	25	71
Spain -----	75	88	0	69
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total -----	17,719	13,419	928	2,255
Other countries:				
Canada -----	4,471	5,432	344	631
Sweden -----	7,673	4,016	376	192
Taiwan -----	3,358	3,571	319	649
Algeria -----	0	6	0	0
Switzerland -----	10	2	1/	1/
Israel -----	1/	1/	1/	1/
Norway -----	38	1/	0	0
Malaysia -----	0	1/	0	0
India -----	1	0	0	0
New Zealand -----	1	0	0	0
All others -----	3	0	0	0
Total -----	15,555	13,027	1,039	1,472
Grand total -----	33,274	26,446	1,967	3,727

See footnote(s) at end of table.

Table 27.--Stainless steel pipe and tube: U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia -----	0	0	0	5
Austria -----	1,588	1,637	26	301
Brazil -----	24	0	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	14,808	14,405	1,153	3,128
Finland -----	16	0	0	0
Hungary -----	0	0	0	0
Japan -----	33,103	22,587	1,761	3,597
Mexico -----	864	1,654	185	31
Peoples Rep of China -----	1	0	0	0
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	2,006	1,412	75	197
Spain -----	212	282	0	252
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total -----	52,622	41,977	3,200	7,511
Other countries:				
Canada -----	12,987	17,196	1,081	1,749
Sweden -----	21,657	12,414	1,037	785
Taiwan -----	7,470	9,190	774	1,765
Algeria -----	0	21	0	0
Switzerland -----	348	168	9	16
Israel -----	46	49	3	3
Norway -----	86	2	0	0
Malaysia -----	0	2	0	0
All others -----	24	0	0	0
Total -----	42,618	39,042	2,904	4,318
Grand total -----	95,240	81,019	6,104	11,829

1/ Less than 0.5 short ton.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 28.--Alloy tool steel (all forms): U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
VRA countries:				
Australia -----	14	19	0	0
Austria -----	3,070	2,693	371	263
Brazil -----	1,699	997	92	110
Czechoslovakia -----	0	0	0	0
East Germany -----	25	0	0	0
EC countries -----	15,072	10,302	690	1,998
Finland -----	0	22	0	0
Hungary -----	0	0	0	0
Japan -----	6,429	6,077	825	359
Mexico -----	376	139	0	32
Peoples Rep of China -----	0	1	0	0
Poland -----	294	304	88	20
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	1,285	1,388	96	115
Spain -----	51	47	17	0
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	10	0	0	0
Total -----	28,325	21,989	2,179	2,897
Other countries:				
Sweden -----	10,079	11,669	663	1,335
Canada -----	6,172	6,868	802	561
Argentina -----	134	70	16	0
Malaysia -----	0	2	0	0
Taiwan -----	22	1/	0	0
Switzerland -----	15	1/	1/	0
New Zealand -----	1	0	0	0
Total -----	16,423	18,609	1,481	1,896
Grand total -----	44,748	40,598	3,660	4,793

See footnote(s) at end of table.

Table 28.--Alloy tool steel (all forms): U.S. imports for consumption, by specified sources, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Value (thousand dollars)				
VRA countries:				
Australia -----	50	31	0	0
Austria -----	6,567	5,895	762	584
Brazil -----	3,129	1,349	145	178
Czechoslovakia -----	0	0	0	0
East Germany -----	8	0	0	0
EC countries -----	24,272	18,504	1,353	3,300
Finland -----	0	37	0	0
Hungary -----	0	0	0	0
Japan -----	12,443	12,370	1,411	1,228
Mexico -----	735	142	0	42
Peoples Rep of China -----	0	4	0	0
Poland -----	384	454	126	30
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	1,810	2,097	161	180
Spain -----	78	54	15	0
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	12	0	0	0
Total -----	49,488	40,937	3,973	5,542
Other countries:				
Sweden -----	24,303	28,049	1,627	3,286
Canada -----	8,906	9,342	1,087	823
Argentina -----	203	122	27	0
Malaysia -----	0	1	0	0
Taiwan -----	51	1	0	0
Switzerland -----	11	2	2	0
New Zealand -----	2	0	0	0
Total -----	33,476	37,517	2,743	4,109
Grand total -----	82,964	78,454	6,716	9,651

1/ Less than 0.5 short ton.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 30.--Steel mill products and certain fabricated steel products: Unit value of U.S. imports for consumption, 1986, 1987, and by specified periods, 1987 and 1988

(Per short ton)

Item	1986	1987	January	
			1987	1988
Carbon and certain alloy 1/2 steel:				
Semifinished 2/-----	191	211	221	215
Plate-----	294	332	327	362
Sheet and strip:				
Hot rolled-----	279	308	299	322
Cold rolled-----	408	449	457	477
Galvanized-----	465	503	486	513
Tin plate-----	527	533	526	524
Tin free-----	493	509	486	511
Other coated-----	500	528	515	567
Average, sheet and strip-----	399	433	432	452
Bar:				
Hot finished-----	354	369	369	383
Cold finished-----	512	831	512	526
Reinforcing-----	226	248	217	224
Light shapes-----	297	315	312	403
Average, bar-----	329	400	365	378
Wire rod-----	318	313	306	341
Wire-----	606	631	622	635
Wire products-----	604	628	589	632
Structural shapes and units:				
Heavy structurals-----	296	304	297	333
Fabricated structurals-----	906	898	778	852
Average, structurals-----	388	378	372	402
Rails and related products-----	325	325	340	360
Pipe and tube:				
Oil country tubular goods-----	517	536	398	572
Line pipe-----	417	421	335	435
Mechanical pipe-----	630	623	681	621
Structural pipe-----	343	368	361	452
Pressure tubing-----	654	689	684	668
Other (incl. standard)-----	403	415	394	450
Average, pipe and tube-----	443	459	411	506
Average, carbon and certain alloy 1/2 steel-----	377	399	388	413

See footnotes at end of table.

Table 30.--Steel mill products and certain fabricated steel products: Unit value of U.S. imports for consumption, 1986, 1987, and by specified periods, 1987 and 1988

(Per short ton)

Item	1986	1987	January	
			1987	1988
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/	1,049	816	947	1,627
Plate	1,510	1,766	1,647	1,743
Sheet and strip:				
Sheet	1,361	1,566	1,545	1,621
Strip	2,198	2,555	2,441	2,393
Average, sheet and strip:	1,421	1,637	1,598	1,698
Bars and shapes	1,960	1,874	1,906	1,933
Wire rod	1,629	1,747	1,828	1,734
Wire	2,984	3,007	3,101	3,160
Pipe and tube	2,862	3,063	3,104	3,175
Alloy tool steel (all forms):	1,854	1,932	1,835	2,013
Average, stainless and alloy steel	1,759	1,760	1,821	2,027

1/ Including alloy steel other than stainless or tool steel.

2/ Semifinished steel includes ingots, blooms, billets, slabs, and steel bars.

Source: Compiled from data of the American Iron & Steel Institute, and official statistics of the U.S. Department of Commerce.

Table 30.--Steel mill products and certain fabricated steel products: Unit value of U.S. imports for consumption, 1986, 1987, and by specified periods, 1987 and 1988

(Per short ton)

Item	1986	1987	January	
			1987	1988
Carbon and certain alloy 1/2 steel:				
Semifinished 2/-----	191	211	221	215
Plate-----	294	332	327	362
Sheet and strip:				
Hot rolled-----	279	308	299	322
Cold rolled-----	408	449	457	477
Galvanized-----	465	503	486	513
Tin plate-----	527	533	526	524
Tin free-----	493	509	486	511
Other coated-----	500	528	515	567
Average, sheet and strip--	399	433	432	452
Bar:				
Hot finished-----	354	369	369	383
Cold finished-----	512	831	512	526
Reinforcing-----	226	248	217	224
Light shapes-----	297	315	312	403
Average, bar-----	329	400	365	378
Wire rod-----	318	313	306	341
Wire-----	606	631	622	635
Wire products-----	604	628	589	632
Structural shapes and units:				
Heavy structurals-----	296	304	297	333
Fabricated structurals-----	906	898	778	852
Average, structurals-----	388	378	372	402
Rails and related products--	325	325	340	360
Pipe and tube:				
Oil country tubular goods--	517	536	398	572
Line pipe-----	417	421	335	435
Mechanical pipe-----	630	623	681	621
Structural pipe-----	343	368	361	452
Pressure tubing-----	654	689	684	668
Other (incl. standard)-----	403	415	394	450
Average, pipe and tube--	443	459	411	506
Average, carbon and certain alloy 1/2 steel--	377	399	388	413

See footnotes at end of table.

Table 30.--Steel mill products and certain fabricated steel products: Unit value of U.S. imports for consumption, 1986, 1987, and by specified periods, 1987 and 1988

(Per short ton)

Item	1986	1987	January	
			1987	1988
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/	1,049	816	947	1,627
Plate	1,510	1,766	1,647	1,743
Sheet and strip:				
Sheet	1,361	1,566	1,545	1,621
Strip	2,198	2,555	2,441	2,393
Average, sheet and strip:	1,421	1,637	1,598	1,698
Bars and shapes	1,960	1,874	1,906	1,933
Wire rod	1,629	1,747	1,828	1,734
Wire	2,984	3,007	3,101	3,160
Pipe and tube	2,862	3,063	3,104	3,175
Alloy tool steel (all forms):	1,854	1,932	1,835	2,013
Average, stainless and alloy steel	1,759	1,760	1,821	2,027

1/ Including alloy steel other than stainless or tool steel.

2/ Semifinished steel includes ingots, blooms, billets, slabs, and steel bars.

Source: Compiled from data of the American Iron & Steel Institute, and official statistics of the U.S. Department of Commerce.

Table 31.-- Steel mill products and certain fabricated steel products: U.S. imports for consumption of specified products and imports as a percent of major product groupings, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Quantity (short tons)				
Carbon and certain alloy 1/ steel:				
Semifinished 2/				
Ingots-----	152,445	103,967	13,975	234
Blooms and billets-----	418,113	426,208	51,020	63,526
Slabs and sheet bars-----	1,496,142	1,702,095	109,652	207,704
Total-----	2,066,700	2,232,270	174,647	271,464
Plate:				
Carbon-----	1,363,633	1,450,898	75,669	138,683
Alloy-----	76,742	104,678	4,643	8,963
Total-----	1,440,375	1,555,577	80,312	147,646
Sheet and strip:				
Hot rolled:				
Sheet-----	2,090,107	2,123,804	149,691	163,901
Strip-----	43,557	43,197	2,483	3,653
Cold rolled:				
Black plate-----	205,937	159,779	12,996	14,817
Electrical-----	81,703	64,822	3,908	4,502
Other sheet-----	2,556,385	2,156,348	135,279	166,375
Other strip-----	148,279	135,227	13,101	14,490
Galvanized-----	2,321,108	2,306,233	183,877	202,527
Tin plate-----	359,658	332,306	30,942	20,463
Tin free-----	110,569	101,172	12,563	6,376
Other coated-----	209,730	323,709	30,391	22,291
Total-----	8,127,033	7,746,596	575,232	619,395
Bar:				
Hot rolled:				
Carbon-----	420,515	443,037	30,526	31,327
Alloy-----	155,218	160,811	15,363	19,182
Cold rolled:				
Carbon-----	160,083	152,283	15,332	15,120
Alloy-----	44,226	40,927	2,927	4,070
Reinforcing-----	454,735	351,632	15,337	22,652
Light structural shapes-----	158,953	132,477	11,535	12,004
Total-----	1,393,731	1,281,168	91,019	104,356

See footnotes at end of table.

Table 31.-- Steel mill products and certain fabricated steel products: U.S. imports for consumption of specified products and imports as a percent of major product groupings, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
			Quantity (short tons)	
Wire rod and related products:				
Wire rod:				
Carbon-----	1,236,274	1,341,257	119,943	99,759
Alloy-----	107,982	107,463	8,327	8,226
Wire:				
Carbon-----	528,187	504,898	45,803	42,124
Alloy-----	36,294	31,999	3,340	2,796
Wire products:				
Nails-----	393,673	440,746	36,284	32,488
Barbed wire-----	22,157	16,643	1,541	1,741
Wire fencing-----	12,063	13,263	1,266	886
Bale ties-----	696	1,719	169	226
Wire strand-----	121,596	98,898	8,807	9,162
Wire rope-----	73,994	65,683	5,625	7,469
Milliners wire-----	12,412	12,426	874	1,465
Total-----	2,545,328	2,634,993	231,980	206,342
Structurals:				
Heavy-----	1,852,377	1,884,684	171,298	143,772
Fabricated-----	327,280	268,985	31,822	22,169
Total-----	2,179,657	2,153,669	203,121	165,941
Rails and related products:				
Rails-----	244,737	213,530	23,627	24,983
Joint bars and tie plates-----	21,025	13,969	2,281	39
Track spikes-----	323	370	11	0
Wheels and axles-----	9,626	18,120	879	2,997
Total-----	275,710	245,988	26,799	28,019
Pipes and tubes:				
Oil country tubular goods-----	651,840	594,463	30,316	100,708
Line pipe-----	782,764	526,047	19,519	49,297
Mechanical pipe-----	239,170	284,807	15,069	33,585
Structural pipe-----	479,768	428,758	34,502	27,182
Pressure tubing-----	25,086	27,122	1,018	4,667
Other (including standard)-----	744,400	887,446	41,571	114,106
Total-----	2,923,029	2,748,644	141,995	329,551

See footnotes at end of table.

Table 31.-- Steel mill products and certain fabricated steel products: U.S. imports for consumption of specified products and imports as a percent of major product groupings, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	January			
	1986	1987	1987	1988
Quantity (short tons)				
Stainless and alloy tool steel:				
Stainless:				
Semifinished:				
Ingots-----	404	1,106	114	45
Blooms and billets-----	11,822	48,955	2,611	2,554
Slabs and sheet bars-----	5,397	6,664	115	1,010
Total-----	17,622	56,725	2,840	3,609
Plate-----	16,415	11,118	809	1,218
Sheet and strip:				
Sheet:				
Hot rolled-----	4,275	5,179	467	532
Cold rolled-----	136,440	114,806	10,360	8,135
Strip-----	10,856	9,309	685	956
Total-----	151,571	129,295	11,511	9,624
Bars and shapes-----	37,888	37,991	3,884	4,491
Wire rod-----	18,496	18,311	1,338	2,014
Wire-----	17,541	19,084	1,771	1,541
Pipe and tube-----	33,274	26,448	1,967	3,726
Alloy tool steel (all forms):				
Semifinished <u>2</u> /-----	8,032	6,880	769	252
Bars-----	21,496	19,792	1,674	2,801
Other-----	15,221	13,927	1,217	1,742
Total-----	44,749	40,599	3,660	4,794

See footnotes at end of table.

Table 31.-- Steel mill products and certain fabricated steel products: U.S. imports for consumption of specified products and imports as a percent of major product groupings, 1986, 1987, and by specified periods, 1987 and 1988

Item	1986	1987	January	
			1987	1988
Share of product group totals (percent)				
Carbon and certain alloy 1/ steel:				
Semifinished 2/				
Ingots-----	7.38	4.66	8.00	0.09
Blooms and billets-----	20.23	19.09	29.21	23.40
Slabs and sheet bars-----	72.39	76.25	62.79	76.51
Total-----	100.00	100.00	100.00	100.00
Plate:				
Carbon-----	94.67	93.27	94.22	93.93
Alloy-----	5.33	6.73	5.78	6.07
Total-----	100.00	100.00	100.00	100.00
Sheet and strip:				
Hot rolled:				
Sheet-----	25.72	27.42	26.02	26.46
Strip-----	0.54	0.56	0.43	0.59
Cold rolled:				
Black plate-----	2.53	2.06	2.26	2.39
Electrical-----	1.01	0.84	0.68	0.73
Other sheet-----	31.46	27.84	23.52	26.86
Other strip-----	1.82	1.75	2.28	2.34
Galvanized-----	28.56	29.77	31.97	32.70
Tin plate-----	4.43	4.29	5.38	3.30
Tin free-----	1.36	1.31	2.18	1.03
Other coated-----	2.58	4.18	5.28	3.60
Total-----	100.00	100.00	100.00	100.00
Bar:				
Hot rolled:				
Carbon-----	30.17	34.58	33.54	30.02
Alloy-----	11.14	12.55	16.88	18.38
Cold rolled:				
Carbon-----	11.49	11.89	16.84	14.49
Alloy-----	3.17	3.19	3.22	3.90
Reinforcing-----	32.63	27.45	16.85	21.71
Light structural shapes-----	11.40	10.34	12.67	11.50
Total-----	100.00	100.00	100.00	100.00

See footnotes at end of table.

Table 31.-- Steel mill products and certain fabricated steel products: U.S. imports for consumption of specified products and imports as a percent of major product groupings, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	January			
	1986	1987	1987	1988
Share of product group totals (percent)				
WIRE ROD AND RELATED PRODUCTS:				
WIRE ROD:				
Carbon-----	48.57	50.90	51.70	48.35
Alloy-----	4.24	4.08	3.59	3.99
Wire:				
Carbon-----	20.75	19.16	19.74	20.41
Alloy-----	1.43	1.21	1.44	1.36
Wire products:				
Nails-----	15.47	16.73	15.64	15.74
Barbed wire-----	0.87	0.63	0.66	0.84
Wire fencing-----	0.47	0.50	0.55	0.43
Bale ties-----	0.03	0.07	0.07	0.11
Wire strand-----	4.78	3.75	3.80	4.44
Wire rope-----	2.91	2.49	2.42	3.62
Milliners wire-----	0.49	0.47	0.38	0.71
Total-----	100.00	100.00	100.00	100.00
Structurals:				
Heavy-----	84.98	87.51	84.33	86.64
Fabricated-----	15.02	12.49	15.67	13.36
Total-----	100.00	100.00	100.00	100.00
Rails and related products:				
Rails-----	88.77	86.80	88.17	89.16
Joint bars and tie plates-----	7.63	5.68	8.51	0.14
Track spikes-----	0.12	0.15	0.04	0.00
Wheels and axles-----	3.49	7.37	3.28	10.70
Total-----	100.00	100.00	100.00	100.00
Pipes and tubes:				
Oil country tubular goods-----	22.30	21.63	21.35	30.56
Line pipe-----	26.78	19.14	13.75	14.96
Mechanical pipe-----	8.18	10.36	10.61	10.19
Structural pipe-----	16.41	15.60	24.30	8.25
Pressure tubing-----	0.86	0.99	0.72	1.42
Other (including standard)-----	25.47	32.29	29.28	34.62
Total-----	100.00	100.00	100.00	100.00

See footnotes at end of table.

Table 31.-- Steel mill products and certain fabricated steel products: U.S. imports for consumption of specified products and imports as a percent of major product groupings, 1986, 1987, and by specified periods, 1987 and 1988--Continued

Item	1986	1987	January	
			1987	1988
Share of product group totals (percent)				
STAINLESS AND ALLOY TOOL STEEL:				
STAINLESS:				
SEMIFINISHED:				
Ingots-----	2.29	1.95	4.03	1.24
Blooms and billets-----	67.09	86.30	91.91	70.78
Slabs and sheet bars-----	30.62	11.75	4.06	27.98
Total-----	100.00	100.00	100.00	100.00
Plate-----	100.00	100.00	100.00	100.00
Sheet and strip:				
Sheet:				
Hot rolled-----	2.82	4.01	4.05	5.53
Cold rolled-----	90.02	88.79	90.00	84.53
Strip-----	7.16	7.20	5.95	9.94
Total-----	100.00	100.00	100.00	100.00
Bars and shapes-----	100.00	100.00	100.00	100.00
Wire rod-----	100.00	100.00	100.00	100.00
Wire-----	100.00	100.00	100.00	100.00
Pipe and tube-----	100.00	100.00	100.00	100.00
Alloy tool steel (all forms):				
Semifinished ^{2/} -----	17.95	16.95	21.01	5.25
Bars-----	48.04	48.75	45.74	58.41
Other-----	34.01	34.30	33.25	36.34
Total-----	100.00	100.00	100.00	100.00

^{1/} Certain alloy refers to alloy steel other than stainless or tool steel.

^{2/} Semifinished steel includes ingots, blooms, billets, slabs, and sheet bars.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 32.--Steel mill products and certain fabricated steel products:
U.S. imports for consumption, by customs areas, 1986, 1987, and by
specified periods, 1987 and 1988

(Short tons)

Item	1986	1987	January	
			1987	1988
Atlantic Coast	4,915,642	4,673,187	379,267	469,542
Great Lakes-Canadian border	6,484,922	6,594,724	443,929	317,954
Gulf Coast-Mexican border	5,144,258	4,930,247	389,765	629,400
Off-shore	470,616	374,262	23,217	23,557
Pacific Coast	4,273,681	4,366,056	316,706	463,277
Total	21,289,119	20,938,475	1,552,884	1,903,729

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 33.--Steel mill products and certain fabricated steel products: U.S. imports, for consumption through the Atlantic Coast customs area, 1986, 1987, and by specified periods, 1987 and 1988

(Short tons)

Item	1986	1987	January	
			1987	1988
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	420,146	384,562	48,183	38,413
Plate-----	265,696	258,880	12,814	34,395
Sheet and strip-----	2,114,016	1,900,352	142,872	214,331
Bars and certain shapes-----	265,102	222,055	11,371	16,599
Wire rod-----	269,425	310,731	32,104	25,291
Wire-----	138,407	119,558	10,653	10,855
Wire products-----	235,748	266,335	24,160	16,163
Structural shapes and units-----	541,402	581,450	58,013	42,635
Rails and related products-----	18,320	25,273	2,031	2,890
Pipe and tube-----	483,899	462,405	23,970	52,371
Total-----	4,752,161	4,531,600	366,173	453,943
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	8,592	15,595	326	1,590
Plate-----	9,221	4,167	176	329
Sheet and strip-----	62,730	42,918	5,458	3,850
Bars and certain shapes-----	20,307	19,945	2,314	2,904
Wire rod-----	14,402	13,117	930	1,621
Wire-----	9,570	10,357	992	917
Pipe and tube-----	12,306	10,147	770	1,136
Tool steel (all forms)-----	26,352	25,340	2,127	3,253
Total-----	163,481	141,586	13,094	15,598
Grand Total-----	4,915,642	4,673,187	379,267	469,542

1/ Certain alloy refers to alloy steel other than stainless or tool steel.

2/ Semifinished steel includes ingots, blooms, billets, slabs, and steel bars.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 34.--Steel mill products and certain fabricated steel products: U.S. imports, for consumption through the Great Lakes-Canadian border customs area, 1986, 1987, and by specified periods, 1987 and 1988

(Short tons)

Item	1986	1987	January	
			1987	1988
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	614,958	498,851	37,761	1,426
Plate-----	532,453	663,496	41,221	39,551
Sheet and strip-----	2,671,422	2,630,195	156,339	83,311
Bars and certain shapes-----	563,444	561,285	45,904	40,487
Wire rod-----	518,651	565,070	38,780	36,387
Wire-----	264,474	251,126	23,244	20,221
Wire products-----	103,566	95,457	8,122	7,863
Structural shapes and units-----	635,262	566,003	43,893	31,395
Rails and related products-----	87,985	107,729	5,709	16,021
Pipe and tube-----	420,125	564,259	35,634	35,184
Total-----	6,412,340	6,503,470	436,609	311,846
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	7,263	27,149	2,472	1,996
Plate-----	990	1,971	86	70
Sheet and strip-----	36,402	34,156	2,405	1,402
Bars and certain shapes-----	3,930	4,170	323	391
Wire rod-----	770	1,047	79	36
Wire-----	4,592	4,794	550	350
Pipe and tube-----	5,639	6,134	408	684
Tool steel (all forms)-----	12,997	11,832	997	1,179
Total-----	72,583	91,254	7,320	6,107
Grand Total-----	6,484,922	6,594,724	443,929	317,954

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1/ Certain alloy refers to alloy steel other than stainless or tool steel.
 2/ Semifinished steel includes ingots, blooms, billets, slabs, and steel bars.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 35.--Steel mill products and certain fabricated steel products: U.S. imports, for consumption through the Gulf Coast-Mexican border customs area, 1986, 1987, and by specified periods, 1987 and 1988

(Short tons)

Item	1986	1987	January	
			1987	1988
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	581,228	866,421	50,629	111,891
Plate-----	419,732	419,658	17,489	60,061
Sheet and strip-----	1,667,147	1,515,043	137,114	193,560
Bars and certain shapes-----	137,209	131,573	9,246	16,665
Wire rod-----	266,067	257,709	40,040	33,606
Wire-----	68,713	76,094	7,511	6,162
Wire products-----	126,549	107,410	7,984	12,739
Structural shapes and units---	450,697	473,758	51,158	40,519
Rails and related products---	92,952	61,358	9,531	4,602
Pipe and tube-----	1,285,600	959,115	55,767	145,529
Total -----	5,095,895	4,868,139	386,470	625,334
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	1,345	13,974	42	00
Plate-----	4,246	2,714	223	730
Sheet and strip-----	23,265	29,042	1,360	1,037
Bars and certain shapes-----	5,852	5,951	593	805
Wire rod-----	722	1,117	38	112
Wire-----	851	1,350	83	34
Pipe and tube-----	9,652	6,665	576	1,307
Tool steel (all forms)---	2,430	1,295	380	42
Total -----	48,363	62,108	3,296	4,067
Grand Total -----	5,144,258	4,930,247	389,765	629,400

1/ Certain alloy refers to alloy steel other than stainless or tool steel.

2/ Semifinished steel includes ingots, blooms, billets, slabs, and steel bars.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 36.--Steel mill products and certain fabricated steel products: U.S. imports, for consumption through the Off-shore customs area, 1986, 1987, and by specified periods, 1987 and 1988

(Short tons)

Item	1986	1987	January	
			1987	1988
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	1,048	0	0	0
Plate-----	8,335	6,693	34	370
Sheet and strip-----	94,531	90,238	9,224	4,861
Bars and certain shapes-----	200,705	164,360	10,083	11,224
Wire rod-----	8,279	11,940	0	0
Wire-----	13,575	11,147	871	684
Wire products-----	8,551	7,285	560	1,033
Structural shapes and units---	27,365	22,499	1,758	2,157
Rails and related products---	641	445	0	0
Pipe and tube-----	105,346	58,545	682	3,121
Total-----	468,378	373,151	23,213	23,450
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	0	0	0	0
Plate-----	0	0	0	0
Sheet and strip-----	22	1	0	0
Bars and certain shapes-----	0	0	0	0
Wire rod-----	0	0	0	0
Wire-----	1,368	1,074	4	107
Pipe and tube-----	847	36	0	0
Tool steel (all forms)---	0	0	0	0
Total-----	2,238	1,111	4	107
Grand Total-----	470,616	374,262	23,217	23,557

1/ Certain alloy refers to alloy steel other than stainless or tool steel.

2/ Semifinished steel includes ingots, blooms, billets, slabs, and steel bars.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 37.--Steel mill products and certain fabricated steel products: U.S. imports, for consumption through the Pacific Coast customs area, 1986, 1987, and by specified periods, 1987 and 1988

(Short tons)

Item	1986	1987	January	
			1987	1988
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	449,319	482,436	38,073	119,734
Plate-----	214,158	206,851	8,754	13,269
Sheet and strip-----	1,579,917	1,610,768	129,683	123,331
Bars and certain shapes-----	227,271	201,894	14,414	19,381
Wire rod-----	281,835	303,270	17,346	12,701
Wire-----	79,311	78,972	6,863	6,998
Wire products-----	162,177	172,890	13,739	15,640
Structural shapes and units---	524,930	509,959	48,298	49,236
Rails and related products---	75,812	51,183	9,527	4,507
Pipe and tube-----	628,059	704,321	25,942	93,344
Total-----	4,222,789	4,322,545	312,638	458,139
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	422	7	0	23
Plate-----	1,958	2,266	325	89
Sheet and strip-----	29,151	23,178	2,288	3,335
Bars and certain shapes-----	7,799	7,925	653	391
Wire rod-----	2,603	3,030	292	246
Wire-----	1,160	1,508	142	133
Pipe and tube-----	4,829	3,465	213	600
ool steel (all forms)-----	2,969	2,132	156	321
Total-----	50,891	43,511	4,067	5,137
Grand Total-----	4,273,681	4,366,056	316,706	463,277

1/ Certain alloy refers to alloy steel other than stainless or tool steel.
2/ Semifinished steel includes ingots, blooms, billets, slabs, and steel bars.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Appendix A

**Definition of Certain Terms, and Description of the Products Subject
to the Investigation**

DEFINITIONS

1. **Steel**.—An alloy of iron and carbon which is malleable as first cast. Steel may contain other elements, but iron must predominate, by weight, over each of the other elements.

2. **Carbon steel**.—Steel in which none of the elements listed below exceeds the quantity, by weight, respectively indicated:

- 1.65 percent of manganese, or
- 0.25 percent of phosphorus, or
- 0.35 percent of sulphur, or
- 0.60 percent of silicon, or
- 0.60 percent of copper, or
- 0.30 percent of aluminum, or
- 0.20 percent of chromium, or
- 0.30 percent of cobalt, or
- 0.35 percent of lead, or
- 0.50 percent of nickel, or
- 0.30 percent of tungsten, or
- 0.10 percent of any other metallic element.

3. **Alloy steel**.—Steel which contains any of the elements listed in definition 2 (above) in excess of its specified quantity.

(i) **Stainless steel**.—Any alloy steel which contains by weight less than 1 percent of carbon and over 11.5 percent of chromium;

(ii) **Tool steel**.—Alloy steel which contains the following combinations of elements in the quantity, by weight, respectively indicated:

(A) not less than 1.0 percent carbon and over 11.0 percent chromium, or

(B) not less than 0.85 percent carbon and 1.0 percent to 1.8 percent inclusive manganese; or

(C) 0.9 percent to 1.2 percent inclusive chromium and 0.9 percent to 1.4 percent inclusive molybdenum; or

(D) not less than 0.5 percent carbon and not less than 3.5 percent molybdenum; or

(E) not less than 0.5 percent carbon and not less than 5.5 percent tungsten; or

(F) not less than 0.3 percent carbon and 1.25 percent to 11.0 percent inclusive chromium.

4. **Galvanized**.—Steel which has been coated or plated with zinc.

Alloy steel—Continued

5. Hot-rolled.—Steel which has been reduced to its final thickness by heating and rolling the product at elevated temperature (usually above 2,200° F).

6. Cold-rolled.—Steel which has been reduced to its final thickness by rolling the product without heating it immediately prior to the rolling operation.

7. Continuous casting.—The method of producing semifinished products in which molten steel flows evenly into a caster where it is rapidly cooled, causing it to solidify directly into semifinished products such as slabs and billets.

8. Short ton.—Two thousand (2,000) pounds.

9. Semifinished products include:

(i) Ingots.—Castings resulting from the solidification of molten steel and having a columnar form suitable for working by rolling or forging. Ingots are included in AISI (American Iron and Steel Institute) product group No. 1A.

(ii) Blooms and billets.—Semifinished products generally of rectangular or circular cross section, having a length several times greater than the maximum cross-sectional dimension, and, if rectangular, a width less than 4 times the thickness. A bloom is at least 36 square inches but not less than 3 square inches in cross-sectional area. Blooms and billets are included in AISI product group No. 1B.

(iii) Slabs and sheet bars.—Semifinished products of rectangular cross section, having a width of at least 4 times the thickness. A slab is not less than 2 inches in thickness; a sheet bar is less than 2 inches in thickness. Slabs and sheet bars are included in AISI product group No. 1B.

For the purpose of this legislation, semifinished products are classified as follows:

(A) Carbon and certain alloy ingots; provided for in items 606.6740, 606.6947, 606.6963 of the Tariff Schedules of the United States Annotated (TSUSA).

(B) Carbon and certain alloy blooms and billets; provided for in items 606.6700, 606.6705, 606.6710, 606.6715, 606.6720, 606.6926, 606.6929, 606.6932, 606.6935, 606.6940, 606.6949, 606.6951, 606.6953, and 606.6955 of the TSUSA.

(C) Carbon and certain alloy slabs and sheet bars; provided for in items 606.6725, 606.6730, 606.6735, 606.6938, 606.6941, 606.6944, 606.6957, 606.6959, 606.6961, 607.6620, and 607.7803 of the TSUSA.

(D) Stainless steel ingots; provided for in item 606.6923 of the TSUSA.

(E) Stainless steel blooms and billets; provided for in items 606.6903, 606.6905, 606.6906, 606.6909, and 606.6912 of the TSUSA.

(F) Stainless steel slabs and sheet bars; provided for in items 606.6915, 606.6918, 606.6921, and 607.7603 of the TSUSA.

10. Plates.—Flat rolled products whether or not corrugated or crimped, in coils or cut to length. Plates are 0.1875 inch or more in thickness and, if not cold rolled, over 8 inches in width, or if cold rolled, over 12 inches in width. Plates are included in AISI product group No. 6. For the purposes of this investigation, plates are classified as follows:

(i) Carbon plate; provided for in items 607.6610, 607.6615, 607.6625, 607.8320, 607.9400, 608.0710, 608.1100, and 609.1400 of the TSUSA.

(ii) Alloy plate; provided for in items 607.7800, 607.7806, 607.9100, 608.1420, and 609.1500 of the TSUSA.

(iii) Stainless steel plate; provided for in items 607.7605, 607.7606, 607.7609, and 607.9005 of the TSUSA.

11. Sheets and strip.—Flat rolled products whether or not corrugated or crimped, in coils or cut to length. Sheet is under 0.1875 inch in thickness and over 12 inches in width. Strip is under 0.1875 inch in thickness and, if cold rolled, over 0.50 inch but not over 12 inches in width. Sheets and strip are included in AISI product group Nos. 28, 29, 29A, 30, 31, 32, 33A, 33B, 34, 34B, 35, 36, and 37. For the purposes of this investigation, sheets and strip are classified as follows:

(i) Hot-rolled carbon and alloy sheet; provided for in items 607.6700, 607.6710, 607.6720, 607.6730, 607.6740, 607.6900, 607.8100, and 607.8342 of the TSUSA.

(ii) Hot-rolled carbon and alloy strip; provided for in items 608.1920, 608.2120, and 608.2320 of the TSUSA.

(iii) Cold-rolled carbon and alloy sheet and strip:

(A) Black plate; provided for in items 607.6200 and 607.6400 of the TSUSA.

(B) Electrical sheet and strip; provided for in items 607.9205, 607.9210, and 608.3900 of the TSUSA.

(C) Other sheet; provided for in items 607.8344, 607.8350, 607.8355, 607.8362, 607.8366, 607.8375, 607.8378, 607.8380, 607.8385, 607.8390, 607.8600, 607.9315 and 607.9320 of the TSUSA.

(D) Other strip; provided for in items 608.1930, 608.1945, 608.2130, 608.2140, 608.2160, 608.2170, 608.2330, 608.2345, 608.2500, 608.3100, 608.3810, 608.3820, 608.4700, 608.5510, 608.5520, 608.5900, 608.6710 and 608.6720 of the TSUSA.

(iv) Galvanized sheet and strip; provided for in items 608.0730, 608.1300, 608.1305, 608.1315, and 608.1321, 608.1325, 608.1331, and 608.1335 of the TSUSA.

(v) Tin plate; provided for in items 607.9600, 607.9700, and 607.9900 of the TSUSA.

(vi) Tin free; provided for in item 609.1710 of the TSUSA.

(vii) Other coated; provided for in items 608.0100, 608.1340, 608.1350, 608.1440, 609.1700, and 609.1790 of the TSUSA.

(viii) Stainless steel hot-rolled sheet; provided for in items 607.7610 and 607.9010 of the TSUSA.

(ix) Stainless steel cold-rolled sheet; provided for in items 607.9020, and 607.9029 of the TSUSA.

(x) Stainless steel strip; provided for in items 608.2600, 608.2900, 608.4300, 608.4309, and 608.5700 of the TSUSA.

12. Bars.—Products of solid cross section not conforming completely to the respective specifications set forth in the TSUS for blooms, billets, slabs, sheet bars, wire rods, plates, sheets, strip, wire, rails, joint bars, or tie plates, and which have cross sections in the shape of circles, segments of circles, ovals, triangles, rectangles, hexagons, or octagons. Also, for the purposes of this investigation, the term "bars" includes hollow drill steel, which is a hollow product in any cross section suitable for use in making mining drills or mining drill rods, with the largest internal cross-sectional dimension not greater than one-third of the largest external cross-sectional dimension.

Shapes.—Nontubular products not conforming completely to the respective specifications set forth in the TSUS for blooms, billets, slabs, sheet bars, bars, wire rods, plates, sheets, strip, wire, rails, joint bars, or tie plates, hot-rolled, forged, extruded, or drawn, or cold formed or cold finished, whether or not drilled, punched, or otherwise advanced, and if cold formed weighing over 0.29 pound per linear foot.

For the purposes of this investigation, bars and light structural shapes are classified as follows:

(i) Hot-rolled carbon bars; provided for in items 606.8310, 606.8330, 606.8350, 606.8600, 607.0500, and 607.0700 of the TSUSA, and included in AISI product group No. 14.

(ii) Hot-rolled alloy bars; provided for in items 606.9105, 606.9700, and 607.0900 of the TSUSA, and included in AISI product group No. 14.

(iii) Cold-formed carbon bars; provided for in items 606.8805, 606.8809, and 606.8815 of the TSUSA, and included in AISI product group No. 16.

(iv) Cold-formed alloy bars; provided for in items 606.9110 and 606.9900 of the TSUSA, and included in AISI product group No. 16.

(v) Reinforcing carbon and certain alloy steel bars; which are hot-rolled steel bars, of solid cross section, having deformations of various patterns on their surfaces; provided for in items 606.7900 and 606.8100 of the TSUSA, and included in AISI product group No. 15.

(vi) Light structural shapes; which are bar-size light shapes having a cross-sectional dimension of less than 3 inches; provided for in items 609.8050, 609.8070, 609.8090, 609.8235, and 609.8240 of the TSUSA, and included in AISI product group No. 14A.

(vii) Stainless steel bars and shapes; provided for in items 606.9005, 606.9010, 606.9015, 606.9020, 609.8205, 609.8210, 609.8215, and 609.8820 of the TSUSA.

13. Wire rod and related products include:

(i) Wire rods.—Coiled, semifinished, hot-rolled products of solid cross section, approximately round in cross section, not under 0.20 inch nor over 0.74 inch in diameter. Wire rods are included in AISI product group No. 3.

For the purposes of this investigation, wire rod is classified as follows:

(A) Carbon steel wire rod; provided for in items 607.1400, 607.1710, 607.1720, 607.1730, 607.2200, and 607.2300 of the TSUSA.

(B) Alloy steel wire rod; provided for in items 607.3200, 607.4100, 607.4800, and 607.5900 of the TSUSA.

(C) Stainless steel wire rod; provided for in items 607.2600 and 607.4300 of the TSUSA.

(ii) Wire is classified as follows:

(A) Steel wire; a finished, drawn, nontubular product, of any cross-sectional configuration, in coils, and not over 0.703 inch in maximum cross-sectional dimension; the term includes a product of solid rectangular cross section, in coils, with a cold-rolled finish, and not over 0.25 inch thick and not over 0.50 inch wide.

(a) Carbon steel wire; provided for in items 609.2000, 609.2100, 609.2200, 609.2500, 609.2800, 609.3040, 609.4010, 609.4020, 609.4030, 609.4050, 609.4060, 609.4064, 609.4070, 609.4080, 609.4090, 609.4105, 609.4135, 609.4145, 609.4305, 609.4315, 609.4325, 609.4335, 609.7000, 609.7005, 609.7015, and 609.7200 of the TSUSA. Carbon steel wire is included in AISI product group 23.

(b) Alloy steel wire; provided for in items 609.3340, 609.3500, 609.3600, 609.3700, 609.4530, 609.4560, 609.7500, and 609.7600 of the TSUSA. Alloy steel wire is included in AISI product group 23.

(c) Stainless steel wire; provided for in items 609.3020, 609.3320, 609.4502, 609.4504, 609.4510, 609.4540, 609.4542, and 609.4544 of the TSUSA. Stainless steel wire is included in AISI product group No. 23.

(iii) Carbon and certain alloy steel wire products as defined by the following:

(A) Nails and brads, spikes, staples, and tacks are fasteners, of one piece construction, made of round wire, and not including thumb tacks, staples in strip form, corrugated fasteners, glaziers' points, hook nails, ring nails, or fasteners suitable for use in power-actuated hand tools; as provided for in items 646.2500, 646.2610, 646.2620, 646.2630, 646.2640, 646.2650, 646.2660, 646.2670, 646.2680, and 646.2690 of the TSUSA. Nails and brads, spikes, staples, and tacks are included in AISI product group No. 24.

(B) Barbed wire is a wire, or strand of twisted wires, armed with barbs or sharp points; as provided for in items 642.0205 and 642.0210 of the TSUSA. Barbed wire is included in AISI product group No. 25(pt).

(C) Wire fencing is a galvanized product wholly of round wire measuring not over 0.20 inch and not under 0.075 inch in diameter, whether or not such wire is covered with plastics; as provided for in item 642.3510, 642.3530, 642.3560, and 642.3570 of the TSUSA. Wire fencing is included in AISI product group Nos. 23(pt) and 26.

(D) Baling wire and ties, with or without buckles or fastenings and whether or not coated with paint or other substance; as provided for in items 609.4120, 609.4125, 642.9000 and 642.9100 of the TSUSA and included in AISI product group No. 27 (pt).

(E) Wire strand is two or more wires which together constitute one of the parts which are twisted together to form rope, cord, or cordage, suitable for fencing purposes, not fitted with fittings, not made up into articles, not of brass plated wire, not covered with nonmetallic material, as provided for in items 642.1105, 642.1120, 642.1142, 642.1144, and 642.1146 of the TSUSA. Wire strand is included in AISI product group Nos. 23 and 25(pt).

(F) Wire ropes, cables, and cordage are products made by the twisting of a number of wire strands and are not covered with nonmetallic material, not fitted with fittings, not made up into articles, and, if valued 13 cents or more per pound, not of brass plated wire; as provided for in items 642.1200, 642.1610, 642.1615, 642.1620, and 642.1650 of the TSUSA. Wire ropes, cables, and cordage are included in AISI product group No. 23(pt).

(G) Milliners wire is wire covered with textile or other material not wholly of metal; as provided for in items 642.96 and 642.97 of the TSUSA. Milliners wire is included in AISI product group No. 23(pt.).

14. Structurals.—Nontubular products not conforming completely to the respective specifications set forth in the TSUSA for blooms, billets, slabs, sheet bars, bars, wire rods, plates, sheets, strip, wire, rails, joint bars, or tie plates, hot-rolled, forged, extruded, or drawn, or cold formed or cold finished, whether or not drilled, punched, or otherwise advanced, and if cold formed weighing over 0.29 pound per linear foot.

(i) Heavy structural shapes having a maximum cross-sectional dimension of 3 inches or more; as provided for in items 609.8005, 609.8010, 609.8015, 609.8020, 609.8025, 609.8035, 609.8041, 609.8045, 609.8200, 609.8225, 609.8230 of the TSUSA and included in AISI product group Nos. 4 and 5(pt.); and sheet piling; rolled straight web, deep-arch, arch-web, and Z-sections having continuous interlocking joints on each lengthwise edge; as provided for in items 609.9600, and 609.9800 of the TSUS. Sheet piling is included in AISI product group No. 5 (pt); and

(ii) Fabricated structural units, which include columns, pillars, posts, beams, girders, and similar structural units; as provided for in items 609.8400, 609.8600, 609.8800, 609.9000, 652.9400, 652.9600, and 653.000 of the TSUSA. These columns, pillars, etc., are included in AISI product group No. 38 and 39.

15. Rails and related railway products as defined by the following:

(i) Rails are hot-rolled steel products, whether punched or not punched, weighing not less than 8 pounds per yard, with cross-sectional shapes intended for carrying wheel loads in railroad, railway, and crane runway applications; as provided for in items 610.2010 610.2020, 610.2025, 610.2030, and 610.2100 of the TSUSA. Rails are included in AISI product group Nos. 7 and 8.

(ii) Joint bars are hot-rolled steel products, usually punched or slotted, designed to connect the ends of adjacent rails in track; tie plates are hot-rolled steel products which are punched to provide holes for spikes and have one or two shoulder sections as rail guides and are used to support rails in track, to maintain track gauge, and protect the ties; all the foregoing, as provided for in items 610.2500 and 610.2600 of the TSUSA. Joint bars and tie plates are included in AISI product group Nos. 9 and 10.

(iii) Railway track spikes, of one piece construction, used to secure tie plates or ties; as provided for in item 646.3020 of the TSUSA. Railway track spikes are included in AISI product group No. 11.

(iv) Railroad and railway (RR) axles and wheels, parts thereof, and axle bars; as provided for in items 690.2500 and 690.3000 of the TSUSA. These articles are included in AISI product group Nos. 12 and 13.

16. Pipes and tubes and blanks therefor.—Tubular products, including hollow bars and hollow billets but not including hollow drill steel, of any cross-sectional configuration, by whatever process made, whether seamless, brazed, or welded and whether with an open or lock seam or joint. For the purposes of this investigation, pipes and tubes and blanks therefor are classified as follows:

(i) Oil country tubular goods, provided for in items 610.3216, 610.3219, 610.3233, 610.3249, 610.3256, 610.3258, 610.3264, 610.3721, 610.3722, 610.3925, 610.3935, 610.4025, 610.4035, 610.4210, 610.4220, 610.4225, 610.4230, 610.4235, 610.4240, 610.4310, 610.4325, 610.4335, 610.4942, 610.4944, 610.4946, 610.4954, 610.4960, 610.4961, 610.4965, 610.4968, 610.4969, 610.5221, 610.5222, 610.5226, 610.5240, 610.5241, 610.5242, 610.5243, 610.5244, 610.5246, and 610.5247 of the TSUSA. Oil country tubular goods are included in AISI product group No. 19.

(ii) Line pipe; provided for in items 610.3208, 610.3209, 610.3211, 610.3212, 610.3213, 610.3251, 610.3711, 610.3712, 610.3713, 610.4931, 610.4933, 610.4936, 610.5211, 610.5214, and 610.5216 of the TSUSA. Line pipe is included in AISI product group No. 20.

(iii) Mechanical pipe; provided for in items 610.3221, 610.3227, 610.3252, 610.3728, 610.3732, 610.4500, 610.4600, 610.4925, 610.4928, 610.4948, 610.4957, 610.4800, 610.5160, 610.5229, 610.5234, and 610.5236 of the TSUSA. Mechanical pipe is included in AISI product group 21A.

(iv) Structural pipe; provided for in items 610.3242, 610.3945, 610.3955, 610.4045, 610.4055, 610.4245, 610.4255, 610.4345, 610.4355, 610.4955, 610.4966, and 610.4975 of the TSUSA. Structural pipe is included in AISI product category 22.

(v) Pressure tubing; provided for in items 610.3000, 610.3100, 610.3205, 610.3500, 610.3600, 610.3704, 610.4920, 610.5204, 610.5206, 610.5208, and 610.5209 of the TSUSA. Pressure tubing is included in AISI product category 21B.

(vi) Stainless steel pipes and tubes; provided for in items 610.3701, 610.3727, 610.3731, 610.3741, 610.3742, 610.5130, 610.5202, 610.5205, 610.5230, and 610.5231, of the TSUSA. Stainless steel pipes and tubes are included in AISI product categories 21C and D.

(vii) Other, including standard; provided for in items 610.3231, 610.3232, 610.3234, 610.3241, 610.3243, 610.3244, 610.3247, 610.3254, 610.3262, 610.3751, 610.4951, 610.4952, 610.4953, 610.4956, 610.4967, 610.4970, 610.4976, and 688.3000 of the TSUSA. Other, including standard pipe is included in AISI product category 18.

17. Alloy tool steel (all forms) provided for in items 606.6901, 606.6902, 606.6904, 607.7210, 606.9300, 606.9400, 606.9505, 606.9510, 606.9512, 606.9514, 606.9520, 606.9525, 606.9535, 606.9540, 606.9542, 606.9544, 606.9546, 606.9548, 607.2800, 607.3405, 607.3420, 607.4600, 607.5405, 607.5420, 607.7205, 607.7215, 607.7220, 607.7225, 607.8805, 607.8820, 608.3405, 608.3420, 608.4905, 608.4920, 608.6405, 608.6420, 609.4520, and 609.4550 of the TSUSA. Alloy tool steel is included in AISI product group No. 17. Consistent with previous Commission investigations and industry practice, tool steel of the type described in headnote 2(h)(vii) of schedule 6, part 2 of the TSUSA, which is commonly referred to as bearing steel, is included with "certain alloy" products.

Appendix B
Specialty Steel Relief Provisions

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

Page 9-16

APPENDIX TO THE TARIFF SCHEDULES
Part 2. - Temporary Modifications Proclaimed Pursuant to
Trade-Agreements Legislation

9 - 2 - A

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty	
				1	2
		<p>10. <u>Additional duties and quantitative limitations on stainless steel and alloy tool steel.</u>--The provisions of this headnote apply to items 926.00 through 926.23, inclusive, of this subpart. The duties provided for in items 926.00 and 926.05 and the quantitative limitations set forth in items 926.10 through 926.23, inclusive, are in addition to the duties provided for the subject articles in schedule 6, part 2B, or in item 832.00, part 3A, schedule 8, where applicable.</p> <p>(a) <u>Definitions.</u>--For the purposes of this subpart--</p> <p>(i) the term "<u>restraint period</u>" refers to a 3-month period provided for in the Quota Quantity column for items 926.10 through 926.23, inclusive;</p> <p>(ii) the terms "<u>razor blade steel</u>" and "<u>chipper knife steel</u>" are defined as provided in headnotes 2(h)(x) and 2(h)(viii), respectively, of part 2B, schedule 6;</p> <p>(iii) the term "<u>band saw steel</u>" refers to alloy tool steel which contains, in addition to iron, each of the following elements by weight in the amounts specified:</p> <p>(A) carbon: not less than 0.47 nor more than 0.53 percent;</p> <p>(B) manganese: not less than 0.60 nor more than 0.90 percent;</p> <p>(C) sulfur: none, or not more than 0.015 percent;</p> <p>(D) phosphorus: none, or not more than 0.025 percent;</p> <p>(E) silicon: not less than 0.10 nor more than 0.25 percent;</p> <p>(F) chromium: not less than 0.90 nor more than 1.10 percent;</p> <p>(G) nickel: not less than 0.50 nor more than 0.70 percent;</p> <p>(H) molybdenum: not less than 0.90 nor more than 1.10 percent;</p> <p>and</p> <p>(I) vanadium: not less than 0.08 percent nor more than 0.15 percent;</p> <p>(iv) the term "<u>cladding grade 434 stainless steel sheet</u>" refers to stainless steel sheet, not under 0.055 inch and not over 0.065 inch in thickness, not under 25.5 inches and not over 26.25 inches in width, containing by weight not more than 0.12 percent carbon; not less than 16 percent nor more than 18 percent chromium; and not less than 0.75 percent nor more than 1.25 percent molybdenum; certified by the importer of record or the ultimate consignee at the time of entry for use in the manufacture of stainless steel-clad-aluminum automobile trim;</p> <p>(v) the term "<u>stainless steel of the type described in headnote 10(a)(v)</u>" refers to the stainless steel grades described in either subparagraph (A) or (B) below which contain, in addition to iron, each of the following elements by weight in the amounts specified:</p> <p>(A) carbon: not more than 0.02 percent;</p> <p>silicon: not less than 0.2 percent nor more than 0.8 percent;</p> <p>manganese: not less than 0.2 percent nor more than 1.0 percent;</p> <p>chromium: not less than 19.5 percent nor more than 20.5 percent;</p>			

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

APPENDIX TO THE TARIFF SCHEDULES
 Part 2. - Temporary Modifications Proclaimed Pursuant to
 Trade-Agreements Legislation

Item	Stat. Suf-fix	Articles	Units of Quantity	Rates of Duty	
				1	2
		nickel: not less than 17.5 percent nor more than 18.5 percent; molybdenum: not less than 6.0 percent nor more than 6.5 percent; nitrogen: not less than 0.18 percent nor more than 0.22 percent; copper: not less than 0.5 percent nor more than 1.0 percent; sulfur: not more than 0.03 percent; phosphorus: not more than 0.04 percent; or (B) carbon: not less than 0.05 percent nor more than 0.10 percent; silicon: not less than 1.4 percent nor more than 2.0 percent; manganese: not less than 0.2 percent nor more than 0.8 percent; chromium: not less than 20.0 percent nor more than 22.0 percent; nickel: not less than 10.0 percent nor more than 12.0 percent; nitrogen: not less than 0.14 percent nor more than 0.20 percent; cerium: not less than 0.03 percent nor more than 0.08 percent; sulfur: not more than 0.03 percent; phosphorus: not more than 0.04 percent; (vi) the term "flapper valve steel" refers to stainless steel strip not over 0.05 inch in thick- ness, certified by the importer of record or the ultimate consignee at the time of entry for use in the manufacture of stainless steel flapper valves for compressors; (vii) the term "rotor steel for hysteresis motors" refers to tool steel strip not over 0.05 inch in thickness containing by weight not less than 0.5 percent carbon and not less than 5.5 per- cent tungsten, certified by the importer of record or the ultimate consignee at the time of entry for use in the manufacture of rotor rings or cups for hysteresis motors; (viii) the term "tool steel of the type de- scribed in headnote 10(a)(viii)" refers to the alloy tool steel grades described in any one of the subparagraphs (A) through (F) below which contain, in addition to iron, each of the follow- ing elements by weight in the amounts specified: (A) carbon: not less than 0.85 percent nor more than 1.05 percent; manganese: not less than 0.95 percent nor more than 1.75 percent; sulfur: less than 0.03 percent; phosphorus: less than 0.03 percent; silicon: not less than 0.45 percent nor more than 0.90 percent; chromium: not less than 0.90 percent nor more than 1.80 percent; nickel: less than 0.35 percent; copper: less than 0.35 percent; molybdenum: less than 0.10 percent; (B) carbon: not less than 0.95 percent nor more than 1.05 percent; manganese: not less than 0.95 percent nor more than 1.25 percent; sulfur: not more than 0.025 percent; phosphorus: not more than 0.025 percent; silicon: not less than 0.45 percent nor more than 0.75 percent; chromium: not less than 0.90 percent nor more than 1.20 percent; nickel: not more than 0.25 percent; copper: not more than 0.35 percent; molybdenum: not more than 0.08 percent;			

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APPENDIX TO THE TARIFF SCHEDULES
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Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty	
				1	2
		<p>(C) carbon: not less than 0.85 percent nor more than 1.00 percent; manganese: not less than 1.40 percent nor more than 1.70 percent; sulfur: not more than 0.025 percent; phosphorus: not more than 0.025 percent; silicon: not less than 0.50 percent nor more than 0.80 percent; chromium: not less than 1.40 percent nor more than 1.80 percent; nickel: not more than 0.25 percent; copper: not more than 0.35 percent; molybdenum: not more than 0.08 percent;</p> <p>(b) carbon: not less than 0.95 percent nor more than 1.10 percent; manganese: not less than 0.65 percent nor more than 0.90 percent; sulfur: not more than 0.025 percent; phosphorus: not more than 0.025 percent; silicon: not less than 0.20 percent nor more than 0.35 percent; chromium: not less than 1.10 percent nor more than 1.50 percent; nickel: not more than 0.25 percent; copper: not more than 0.35 percent; molybdenum: not less than 0.20 percent nor more than 0.30 percent;</p> <p>(E) carbon: not less than 0.95 percent nor more than 1.10 percent; manganese: not less than 1.05 percent nor more than 1.35 percent; sulfur: not more than 0.025 percent; phosphorus: not more than 0.025 percent; silicon: not less than 0.20 percent nor more than 0.35 percent; chromium: not less than 1.10 percent nor more than 1.50 percent; nickel: not more than 0.25 percent; copper: not more than 0.35 percent; molybdenum: not less than 0.45 percent nor more than 0.60 percent; or</p> <p>(F) carbon: not less than 0.92 percent nor more than 1.02 percent; manganese: not less than 0.25 percent nor more than 0.40 percent; sulfur: not more than 0.025 percent; phosphorus: not more than 0.025 percent; silicon: not less than 0.25 percent nor more than 0.40 percent; chromium: not less than 1.65 percent nor more than 1.95 percent; nickel: not more than 0.25 percent; copper: not more than 0.35 percent; molybdenum: not less than 0.18 percent nor more than 0.40 percent; aluminum: not more than 0.05 percent;</p>			
		<p>certified by the importer of record or the ultimate consignee at the time of entry for use in the manufacture of ball or roller bearings.</p> <p>(b) Shortfall.—During the last 30-day period of a restraint period, if the United States Trade Representative (USTR) determines that any quota quantity under an item hereof is unlikely to be used during that restraint period, the USTR may, to the extent permitted by law, modify the quota quantity for that item during the remainder of that restraint period to reallocate the shortfall or any portion thereof to the quota quantity of any other item, such modifications to be effective on the date of their publication in the <u>Federal Register</u>.</p>			

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

APPENDIX TO THE TARIFF SCHEDULES
Part 2. - Temporary Modifications Proclaimed Pursuant to
Trade-Agreements Legislation

Item	Stat-Suffix	Articles	Units of Quantity	Rates of Duty	
				1	2
		<p>(c) <u>Carryover</u>.--Whenever the quota quantity specified for any of the individually named countries for an item has not been entered during any restraint period, entry may be made during the subsequent restraint period of an amount up to 20 percent (10 percent in the case of shortfalls occurring in the restraint period April 20 through July 19 of any year) of the base limit for the restraint period in which the shortfall occurs, but not to exceed the difference between the quota quantity specified for such restraint period and the amount entered during that period; and such amount shall not be counted against the quota quantity therefor.</p> <p>(d) <u>Exceeding restraint levels</u>.--The restraint level for any quota quantity allocated to any of the individually named countries may be exceeded by not more than 10 percent during any restraint period, except that the restraint levels for the period April 20 through July 19 for 1984, 1985, or 1986 may be exceeded by not more than 3 percent, and shall not be exceeded for that period in 1987. If a quota quantity is exceeded during a restraint period, a downward adjustment of the corresponding quota quantity for the next restraint period in the absolute amount the preceding restraint level was exceeded shall be made.</p> <p>(e) <u>Adjustments</u>.--If any country-by-country allocations of quota quantities are made by the USTR, the USTR may make the necessary adjustments to the appropriate quota quantities.</p> <p>(f) <u>United States International Trade Commission (USITC) surveys</u>.--The USITC shall conduct mandatory surveys with respect to the products subject to import relief under each item involved as follows:</p> <p>(i) <u>Quarterly</u>.--Surveys by calendar quarter to obtain from domestic producers monthly data on production, shipments, prices, employment, and man-hours; and to obtain from importers data by calendar quarter on prices, orders, and inventories. The initial surveys shall cover the fourth quarter of 1982 and the first two quarters of 1983; subsequent surveys will cover individual quarters; the last such survey shall cover the quarter which ends not less than 60 days prior to the termination of the import restraints. The USITC shall publish the results of the initial surveys by October 1, 1983 and the results of later surveys within 45 days of the end of the surveyed quarter. Such surveys will be conducted monthly, upon written request of the USTR to the USITC, if the USTR determines that monthly reporting is necessary.</p> <p>(ii) <u>Annually</u>.--Annual surveys to obtain from domestic producers data by calendar quarter on profits, orders, and inventories, and annual data on capital expenditures, capacity, and research and development expenditures. The initial surveys shall cover the fourth quarter of 1982 and calendar year 1982, as appropriate, and calendar year 1983, and the results shall be published by March 31, 1984. The results of subsequent surveys shall be published by March 31 of each year thereafter so long as the import restraints in this subpart are in effect. With each annual survey, the USITC shall also report the production, capacity, and capacity utilization, to the extent the information can be obtained, for each country which is a major supplier of imports, and any projected changes in production, capacity, and capacity utilization for those countries.</p>			

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APPENDIX TO THE TARIFF SCHEDULES

Part 2. - Temporary Modifications Proclaimed Pursuant to Trade-Agreements Legislation

Item	Stat. Suffix	Articles	Units of Quantity	Rates of Duty		
				1	Special	2
		<p>(g) Products Subject to Certain Export Restraint Agreements.</p> <p>(1) The duties provided for in items 926.00 and 926.05 shall not apply to products of Australia, Austria, Brazil, Czechoslovakia, the European Communities (Belgium, Denmark, Federal Republic of Germany, France, Greece, Ireland, Italy, Luxembourg, the Netherlands and the United Kingdom of Great Britain and Northern Ireland), German Democratic Republic, Finland, Hungary, Japan, Mexico, Poland, Portugal, the Republic of Korea, Romania, South Africa, Spain, Venezuela, Yugoslavia exported to the United States on or after March 1, 1986.</p>				

ANNEX

Subpart A, part 2 of the Appendix to the Tariff Schedules for the United States (19 U.S.C. 1202) is modified --

(a) by deleting headnote 10(f) and inserting in lieu thereof new headnote 10(f) to read as follows:

"(f) United States International Trade Commission (USITC) surveys.--The USITC shall conduct annual mandatory surveys with respect to the products subject to import relief under each item involved to obtain from domestic producers data by calendar quarter on profits, orders, and inventories, and annual data on production, shipments, employment, capital expenditures, capacity, and research and development expenditures. The initial survey shall cover calendar year 1987, and the results shall be published by March 31, 1988. The final survey shall cover calendar year 1988, and the results shall be published by March 31, 1989. With each annual survey, the USITC shall also report the production, capacity, and capacity utilization, to the extent the information can be obtained, for each country which is a major supplier of imports, and any projected changes in production, capacity, and capacity utilization for those countries."

(b) by deleting headnote 10(g) and inserting in lieu thereof new headnote 10(g) to read as follows:

"(g) Products Subject to Certain Export Restraint Agreements.

(i) The duties provided for in items 926.00 and 926.05 shall not apply to products of Australia, Austria, Brazil, Czechoslovakia, the European Communities, German Democratic Republic, Hungary, Japan, Mexico, People's Republic of China, Poland, the Republic of Korea, Romania, South Africa, Venezuela, or Yugoslavia, exported to the United States on or after March 1, 1986.

(ii) The quantitative limitations provided for in items 926.10 through 926.21 shall not apply to products of Austria, Brazil, or the following Member States of the European Communities: Belgium, Denmark, Federal Republic of Germany, France, Greece, Ireland, Italy, Luxembourg, the Netherlands and the United Kingdom of Great Britain and Northern Ireland."

(c) by striking items 926.00 through 926.23, inclusive, and inserting in lieu thereof the following new items and superior headings thereto:

Item	Articles	Rates of Duty		
		1	2	
		Effective with respect to articles entered during the period --		
		July 20, 1987 through July 19, 1988	July 20, 1988 through July 19, 1989	July 20, 1989 through September 30, 1989
926.00	Sheets and strip of stainless steel (except as provided for in headnote 10(g)(i) to this subpart, and except razor blade steel, cladding grade 434 stainless steel sheet, cold-rolled sheets of stainless steel, over 71 inches in width, stainless steel of the type described in headnote 10(a)(v), and flapper valve steel) provided for in items 607.76, 607.90, 608.29, 608.43, and 608.57, part 2B, schedule 6, all the foregoing whether or not entitled to duty-free treatment under item 832.00, part 3A, schedule 8.....	3% ad val.	2% ad val.	1% ad val. No Change
926.05	Plates of stainless steel (except as provided in headnote 10(g)(i) to this subpart, and except stainless steel of the type described in headnote 10(a)(v)) provided for in items 607.76 and 607.90, part 2B, schedule 6, all the foregoing whether or not entitled to duty-free treatment under item 832.00, part 3A, schedule 8.....	3% ad val.	2% ad val.	1% ad val. No Change

Item	Article	Quota Quantity (in short tons)
	Whenever the respective aggregate quantity of articles the product of a foreign country specified below for items 926.10 through 926.21, inclusive, has been entered in any restraint period (whether, for tariff purposes, in schedule 6 or in item 832.00 of schedule 8), no article in such item the product of such country may be entered during the remainder of such restraint period, except as provided in headnote 10:	
	Bars of stainless steel (except stainless steel of the type described in headnote 10(a)(v)), provided for in item 606.90, part 2B, schedule 6:	
926.10:	If entered during the period from July 20, 1987, through October 19, 1987, inclusive:	
	Argentina.....	55
	Canada.....	268
	Japan.....	3,442
	Korea.....	454
	Mexico.....	40
	Spain.....	1,069
	Sweden.....	330
	Other, except as provided in headnote 10(g)(ii) to this subpart.....	80
926.11:	If entered during the period from October 20, 1987, through July 19, 1988, inclusive, except as provided in headnote 10(g)(ii) to this subpart.....	17,717
926.12:	If entered during the period from July 20, 1988, through July 19, 1989, inclusive, except as provided in headnote 10(g)(ii) to this subpart.....	24,159
926.13:	If entered during the period from July 20, 1989, through September 30, 1989, inclusive, except as provided in headnote 10(g)(ii) to this subpart.....	4,977

Item	Article	Quota Quantity (in short tons)
	[Whenever... (con.):]	
	Wire rod of stainless steel (except stainless steel of the type described in headnote 10(a)(v)), provided for in items 607.26 and 607.43, part 2B, schedule 6:	
926.14:	If entered during the period from July 20, 1987, through October 19, 1987, inclusive:	
	Japan.....	1,542
	Spain.....	452
	Sweden.....	964
	Taiwan.....	50
	Other, except as provided in headnote 10(g)(ii) to this subpart.....	299
926.15:	If entered during the period from October 20, 1987, through July 19, 1988, inclusive, except as provided in headnote 10(g)(ii) to this subpart.....	10,213
926.16:	If entered during the period from July 20, 1988, through July 19, 1989, inclusive, except as provided in headnote 10(g)(ii) to this subpart.....	13,926
926.17:	If entered during the period from July 20, 1989, through September 30, 1989, inclusive, except as provided in headnote 10(g)(ii) to this subpart.....	2,869

Item	Article	Quota Quantity (in short tons)
	[Whenever...(con.):]	
	Bars, wire rods, plates, sheets, and strip, all the foregoing of alloy tool steel (except chipper knife steel, band saw steel, rotor steel for hysteresis motors, and tool steel of the type described in headnote 10(a) (viii)), provided for in items 606.95, 607.28, 607.34, 607.46, 607.54, 607.72, 607.88, 608.34, 608.49, and 608.64, and round wire of high speed tool steel, provided for in item 609.45, part 2B, schedule 6:	
926.18	If entered during the period from July 20, 1987, through October 19, 1987, inclusive:	
	Argentina.....	56
	Canada.....	386
	Japan.....	1,123
	Mexico.....	76
	Poland.....	69
	Spain.....	45
	Sweden.....	2,120
	Other, except as provided for in headnote 10(g)(ii) to this subpart.....	396
926.19	If entered during the period from October 20, 1987, through July 19, 1988, inclusive, except as provided in headnote 10(g)(ii) to this subpart.....	13,182
926.20	If entered during the period from July 20, 1988, through July 19, 1989, inclusive, except as provided in headnote 10(g)(ii) to this subpart.....	17,977
926.21	If entered during the period from July 20, 1989, through September 30, 1989, inclusive, except as provided in headnote 10(g)(ii) to this subpart.....	3,703

