MONTHLY REPORT ON THE STATUS OF THE STEEL INDUSTRY

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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Imports of Semifinished Steel Products[1]

Reported imports of semifinished steel in 1988 increased 24 percent over 1987 levels, rising to 2.8 million tons. Imports from VRA countries accounted for most of the increase, rising from 1.7 million tons to 2.3 million tons. Such imports appear to have exceeded the 1988 quota level for semifinished steel by 14 percent, due largely to the short supply approvals granted for semifinished steel through-out the year.[2] Over the course of the VRA period, semifinished imports have risen 74 percent, from a level of 1.6 million tons in 1984. This increase reflects the fact that quotas were unfilled in early years of the program, while short supply conditions have been found to exist in recent years allowing quota limits to be exceeded.

Market conditions for semifinished steel are considerably different at present than when the VRAs were negotiated in 1984 and 1985, reflecting growth in the demand for semifinished material and changing supply patterns and levels emerging from a restructured industry. The domestic market is estimated to have more than doubled, rising from roughly 3.2 million tons in 1984 to over 6.7 million tons in 1988. Gross domestic shipments of semifinished material increased by 145 percent during the same period.[3] Various factors contribute to the expanding market for semifinished, including shutdowns of raw steel capacity, diminished excess blast furnace capacity, and the emergence of firms which utilize semifinished steel as a raw material.

Recent tight conditions in the domestic market have increasingly lead to the filing of short supply requests with the U.S. Department of Commerce (DOC). During 1988, ten companies petitioned the DOC for short supply waivers, requesting a total of 1.6 million tons (table A). The DOC found short supply conditions existed for a total of 638,343 tons of slabs and 77,970 tons of billets, or about half of the total tonnage requested. Actual imports under short supply licenses were less than the approved levels, as strong steel demand worldwide limited the amount of semifinished material available on the open market.[4]

Although short supply requests tapered off at the end of 1988, requests have resumed in 1989. As of late May, 5 companies have requested short supply waivers for a total of approximately 652,000 tons, with Commerce granting 524,746 tons.[5] Slab approvals once again dominate, accounting for 86 percent of the approval total. Due in part to the extensive use of the short supply

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[1] The term "semifinished steel" refers to ingots and other forms of primary steel, blooms, billets, and slabs.
[2] Final 1988 quota levels have not yet been negotiated for all signatories. Administrative procedures at the U.S. Department of Commerce (DOC) may cause final quota levels to vary from initial levels. For example, for 1987 the semifinished quota level was reduced from 1,945,000 tons to 1,844,345 tons when accounts were closed with VRA signatories. At this time, the 1988 quota level is estimated to be 1,976,225 tons.
[3] As reported by the American Iron and Steel Institute.
[4] Short supply approvals are valid for only one quarter. If the material is not exported within the specified quarter the approval lapses.
[5] The requesting companies are Raritan River Steel, American Steel and Wire, California Steel, Tuscaloosa Steel, and Gulf States Steel.

provision for semifinished steel, this program has been the focus of a number of suggestions for modification should the VRA program be renewed. Officials of both the DOC and the United States Trade Representative have identified modifications which would streamline the operation of the program.[6]

Mark Paulson
252-1432

Table A
Semifinished steel: Short supply requests, 1988 and Jan-April 1989

Company	Item	Original request date	Period	Final request total	Approval subtotal 1988	Approval subtotal 1989
1988 requests:						
Lukens.....	Slab	10/28/87	1stQ 88	22,500		
Lone Star Steel..	Slab	12/4/87	1&2 Q 88	226,000	180,000	
			3rdQ 88	203,500	157,500	
Weirton Steel Corp.....	Slab	12/14/87	3&4 Q 88	38,000	38,000	
Gulf States Steel.....	Slab	1/25/88	1&2 Q 88	66,700	66,700	
Sharon Steel.....	Slab	12/23/87	1988	94,686	41,222	
California Steel Ind.....	Slab	1/6/88	1&2Q 88	18,000		
			3&4Q 88	210,800	73,341	
Connecticut Steel Corp.....	Billet	1/7/88	Ap88-Mr89	144,000	31,000	
American Steel & Wire.....	Billet	12/11/87	1988	106,195	29,470	
Lukens Steel.....	Slab	3/23/88	3&4Q 88	50,000	12,580	
Tuscaloosa Steel.....	Slab	4/8/88	2,3&4 Q88	413,728	69,000	
Raritan River....	Billet	4/7/88	2,3&4 Q88	50,000	17,500	
1988 Totals..				1,644,109	716,313	
1989 requests:						
Raritan River....	Billet	10/7/88	1st Q 89	25,000		25,000
			2nd Q 89	24,500		24,500
			3rd Q 89	25,000		
American Steel & Wire.....	Billet	12/1/88	2&3 Q 89	22,046		22,046
California Steel.....	Slab	2/17/89	1&2 Q 89			92,200
				270,900		97,000
Tuscaloosa.....	Slab	3/22/89	2&3 Q 89	200,000		179,000
Gulf States Steel.....	Slab	3/28/89	2nd Q 89	85,000		85,000
1989 Totals..				652,446		524,746

Source: Based on public files of the U.S. Department of Commerce.

[6] American Metal Market, May 9, 1989 and May 17, 1989.

Monthly Summary
Subject Index

	USITC Publication	Date
Trade with VRA and non-VRA countries; product trade assessment	1852	6/86
Unit values of imported steel; product mix	1869	6/86
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Imports of semifinished steel	1887	8/86
Imports of pipe and tube	1894	9/86
Imports of carbon and alloy wire	1901	10/86
Imports of wire products	1913	11/86
Imports of specialty steel products	1933	12/86
Imports of carbon and alloy sheet and strip; VRA developments with South Africa and Austria; Taiwan	1942	1/87
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Imports of carbon and alloy steel plate	1993	7/87
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Imports of semifinished steel	2039	12/87
Imports and exports of carbon and alloy sheet and strip	2049	1/88
Imports of wire products	2056	2/88
Annual summary of trade with VRA and non-VRA countries; product trade assessment	2064	3/88
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Pipe and tube products	2092	7/88
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Wire rope and strand	2153	2/89
Annual summary of trade with VRA and non-VRA countries; product trade assessment	2162	3/89
Imports of pipe and tube products	2175	4/89
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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 (53 Federal Register 52897). 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 countries were exempted

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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.

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. C 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's

Market share agreements:	Overall 1989 import share 1/ (% of U.S. apparent consumption)
Australia	0.19
Austria	0.16
Brazil	1.09
EC	4.4
Finland	0.17
Japan	6.8
Mexico	0.31
South Africa 2/	0.0
South Korea	2.2
Spain	0.52

Quota agreements	Quota level for 1989 in short tons and as a share of apparent U.S. consumption (estimated) 3/	
	(Short tons)	(Percent)
Czechoslovakia	29,338	0.03
East Germany	82,500	0.09
Hungary	25,500	0.03
Poland	69,373	0.07
Portugal	20,000	0.02
Romania	76,426	0.08
Trinidad and Tobago	43,984	0.05
Venezuela	130,334	4/ 0.10
Yugoslavia	18,900	0.02
People's Republic of China	57,000	0.06

Semifinished steel agreements	Quota level for 1989 (short tons)
Australia	37,500
Brazil	525,000
EC	502,500
Finland	11,250
Japan	75,000
Mexico	75,000
South Africa 2/	0
South Korea	37,500
Spain	37,500
Trinidad and Tobago	2,625
Venezuela	30,000

1/ Including semifinished steel for all countries. Estimates based on first 9 months of 1989.
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. Estimates based on first 9 months of 1989.
4/ Excluding semifinished steel.
5/ No more than 461,250 net tons may be slab.

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 stainless steel wire strand (HS item 7312.10.0500), stainless steel wire rope (HS item 7312.10.5000)., 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 1987 AISI reported imports of 20.4 million tons, which compares to the 20.9 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 sections 9802.0060 and 9802.0080 of the Harmonized Tariff Schedules; the 9802.0060 and 9802.0080 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 and specified periods 1988 and 1989

Item	1984	1985	1986	1987	1988	January-March	
						1988	1989
Raw steel:							
Production (1,000 short tons)	92,528	88,259	81,606	88,472	99,328	25,141	25,761
Capability utilization (percent)	68.4	66.1	63.8	78.9	88.7	90.1	89.7
Continuously cast (percent)	39.6	44.4	55.2	52.5	60.5	59.6	62.2
Employment:							
Total (thousands)	236	208	175	163	169	168	168
Receiving wages (thousands)	171	151	128	121	125	125	125
Hourly employment cost 1/ (dollars)	21.30	22.81	23.5	23.70	24.65	24.22	24.50
Steel:							
Shipments (1,000 short tons)	73,740	73,043	64,947	76,473	83,815	21,006	21,941
Imports (1,000 short tons)	26,705	24,885	21,289	20,938	21,869	5,825	4,532
Exports (1,000 short tons)	1,081	992	980	1,176	2,152	319	1,150
Apparent consumption (1,000 short tons)	99,363	96,591	90,026	95,759	103,532	21,512	25,323
Ratio of imports to consumption (percent)	26.9	25.8	23.6	21.3	21.1	22.0	17.9
Financial:							
All operations:							
Net sales (million dollars)	53,619	53,651	41,912	3/ 32,314	4/	4/	4/
Net income (million dollars)	(301)	(1,210)	(6,094)	3/ 1,121	4/	4/	4/
Ratio of net sales to income (percent)	(0.6)	(2.3)	(14.5)	3/ 3.7	4/	4/	4/
Steel operations:							
Net steel sales (million dollars)	30,132	29,473	24,891	19,752	3/ 24,486	26,933	32,318
Net steel income (million dollars)	(186)	(1,743)	(4,203)	988	3/ 2,476	1,077	(559)
Ratio of net sales to income (percent)	(0.6)	(5.9)	(16.9)	5	3/ 10.1	4	(1.7)

1/ Preliminary.
2/ Total employment costs (including benefits) of employees receiving wages.
3/ January-September.
4/ 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, 1984-1988, and by specified periods, 1988 and 1989

(Short tons)

Item	1984	1985	1986	1987	1988	January-March 1988	January-March 1989
All grades of steel:							
Semifinished	1,306,044	1,374,524	1,388,649	2,095,599	1,746,267	398,996	543,149
Plate	4,338,993	4,327,347	3,531,806	4,065,183	7,361,445	1,886,741	1,832,046
Sheet and strip	40,878,749	40,850,298	40,055,641	43,288,266	44,707,915	11,217,121	11,909,078
Bars & certain shapes 1/	13,232,473	12,667,539	12,101,642	12,937,033	14,618,068	3,458,618	3,791,862
Wire rod	3,090,036	2,961,769	3,493,632	3,838,788	4,044,688	1,053,433	1,040,588
Wire	962,726	874,135	797,859	786,963	1,072,698	285,137	268,968
Wire products	259,616	262,268	278,068	304,761	3/	3/	3/
Structural shapes & units	4,156,233	4,698,305	4,815,432	5,081,809	5,313,459	1,396,497	1,449,201
Rails & related products	1,238,900	931,313	647,697	504,561	507,278	124,542	161,990
Pipe and tube	4,275,759	4,095,825	2,836,458	3,569,647	4,443,251	1,184,546	943,733
Total	73,739,529	73,043,323	69,946,884	76,472,610	83,815,069	21,005,631	21,940,615
Carbon & certain alloy 2/ steel:							
Semifinished	1,266,364	1,327,766	1,339,062	2,018,535	1,828,600	378,605	518,098
Plate	4,223,128	4,185,883	3,415,947	3,906,102	7,178,573	1,842,019	1,781,206
Sheet and strip	40,058,979	40,018,167	39,256,239	42,347,623	43,663,695	10,940,819	11,634,259
Bars & certain shapes	13,031,564	12,478,002	11,926,843	12,753,157	14,414,095	3,405,612	3,739,484
Wire rod	3,038,112	2,931,897	3,457,233	3,791,034	3,986,930	1,034,889	1,029,306
Wire	933,382	851,841	773,204	760,229	1,043,112	277,660	261,071
Wire products	259,616	262,268	278,068	304,761	3/	3/	3/
Structural shapes & units	4,156,233	4,698,305	4,815,432	5,081,809	5,313,459	1,396,497	1,449,201
Rails & related products	1,238,900	931,313	647,697	504,561	507,278	124,542	161,990
Pipe and tube	4,224,071	4,046,771	2,794,218	3,527,867	4,387,761	1,170,784	929,880
Total	72,430,349	71,732,213	68,703,943	74,995,678	82,323,503	20,571,427	21,504,495
Stainless & alloy tool steel:							
Stainless steel:							
Semifinished	39,680	46,758	49,587	77,064	79,953	20,391	25,051
Plate	115,865	141,464	115,859	159,081	182,872	44,722	50,840
Sheet and strip	819,770	832,131	799,402	940,643	1,044,220	276,302	274,819
Bars & certain shapes	139,980	129,267	119,024	125,441	139,696	36,945	35,465
Wire rod	51,924	29,872	36,399	47,754	57,758	18,544	11,282
Wire	29,344	22,294	24,655	26,734	29,586	7,477	7,897
Pipe and tube	51,688	49,054	42,240	41,780	55,490	13,762	13,853
Tool steel (all forms)	60,929	60,270	55,775	58,435	64,277	16,061	16,913
Total	1,309,180	1,311,110	1,242,941	1,476,932	1,653,852	434,204	436,120

1/ Includes tool steel.
2/ Certain alloy refers to alloy steel other than stainless or tool steel.
3/ Shipment and apparent consumption data for wire and wire products have been combined and are reported in the category designated "wire".

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, 1984-1988, and by specified periods, 1988 and 1989

(Short tons)

Item	1984	1985	1986	1987	1988	January-March 1988	January-March 1989
All grades of steel:							
Semifinished	1,632,065	2,440,368	2,084,322	2,288,995	2,844,979	783,767	491,110
Plate	1,782,050	1,772,309	1,456,790	1,566,694	1,872,937	490,475	392,417
Sheet and strip	10,332,032	9,046,089	8,278,604	7,875,891	7,303,964	1,899,354	1,480,762
Bars & certain shapes 1/	1,722,313	1,550,559	1,476,368	1,359,758	1,445,932	338,264	335,408
Wire rod	1,589,788	1,476,145	1,362,753	1,467,030	1,493,833	431,722	316,545
Wire	671,829	612,485	582,022	555,981	540,380	142,536	130,939
Wire products	738,680	674,960	636,591	649,377	572,451	144,818	173,092
Structural shapes & units	2,432,694	2,440,403	2,179,657	2,153,669	2,188,467	549,763	494,283
Rails & related products	373,890	382,046	275,710	245,988	319,432	77,206	96,265
Pipe and tube	5,429,839	4,489,287	2,956,303	2,775,091	3,286,690	967,283	621,427
Total	26,705,180	24,884,651	21,289,120	20,938,474	21,869,065	5,825,188	4,532,248
Carbon & certain alloy 2/ steel:							
Semifinished	1,618,365	2,430,078	2,066,700	2,232,270	2,782,572	772,449	472,979
Plate	1,774,614	1,760,812	1,440,375	1,555,577	1,857,090	486,782	387,486
Sheet and strip	10,194,435	8,910,469	8,127,033	7,746,596	7,185,380	1,868,781	1,445,960
Bars & certain shapes	1,652,025	1,475,447	1,393,731	1,281,168	1,361,113	314,429	302,391
Wire rod	1,570,952	1,456,078	1,344,256	1,448,720	1,474,623	426,966	311,813
Wire	649,126	590,317	564,481	536,897	519,727	137,873	124,795
Wire products	738,680	674,960	636,591	649,377	572,451	144,818	173,092
Structural shapes & units	2,432,694	2,440,403	2,179,657	2,153,669	2,188,467	549,763	494,283
Rails & related products	373,890	382,046	275,710	245,988	319,432	77,206	96,265
Pipe and tube	5,399,642	4,457,277	2,923,029	2,748,644	3,249,937	956,180	611,562
Total	26,404,423	24,577,887	20,951,563	20,598,906	21,510,792	5,735,247	4,420,626
Stainless & alloy tool steel:							
Stainless steel:							
Semifinished	13,700	10,290	17,622	56,725	62,407	11,318	18,131
Plate	7,436	11,497	16,415	11,118	15,847	3,693	4,931
Sheet and strip	137,597	135,620	151,571	129,295	118,584	30,572	34,802
Bars & certain shapes	38,234	37,970	37,888	37,991	40,724	10,316	8,446
Wire rod	18,835	20,067	18,496	18,311	19,210	4,756	4,732
Wire	22,703	22,169	17,541	19,084	20,653	4,663	6,144
Pipe and tube	30,197	32,009	33,274	26,448	36,752	11,103	9,865
Tool steel (all forms)	32,054	37,142	44,749	40,599	44,095	13,520	24,571
Total	300,756	306,764	337,556	339,571	358,272	89,941	111,622

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, 1984-1988, and by specified periods, 1988 and 1989

(Short tons)

Item	1984	1985	1986	1987	1988	January-March 1988	January-March 1989
All grades of steel:							
Semifinished	73,536	89,708	58,885	73,543	61,430	11,562	41,624
Plate	88,184	82,988	69,565	96,538	119,393	22,656	243,513
Sheet and strip	389,577	375,396	507,420	556,991	1,374,056	167,846	579,253
Bars & certain shapes 1/	133,595	99,096	81,224	121,869	141,461	31,418	49,480
Wire rod	8,646	4,740	5,876	8,217	10,161	3,093	5,437
Wire	19,979	19,146	26,760	26,669	36,668	7,348	6,801
Wire products	22,085	19,253	24,731	23,257	27,847	5,942	4,196
Structural shapes & units	119,256	89,031	71,525	101,373	111,614	23,535	59,158
Rails & related products	19,079	13,430	13,131	15,755	18,855	5,456	17,615
Pipe and tube	207,426	199,258	121,050	152,155	250,390	40,272	142,594
Total	1,081,363	992,046	980,167	1,176,367	2,151,875	319,128	1,149,671
Carbon & certain alloy 2/ steel:							
Semifinished	72,285	82,650	57,932	71,362	58,598	10,644	39,799
Plate	84,813	74,957	66,042	92,057	107,546	20,787	241,023
Sheet and strip	369,495	349,620	477,803	501,010	1,328,485	156,854	564,704
Bars & certain shapes	126,090	89,241	72,134	111,619	124,911	28,361	37,236
Wire rod	7,918	3,716	5,049	6,889	8,676	2,874	4,287
Wire	17,524	17,182	24,033	22,863	32,209	6,565	6,162
Wire products	22,085	19,253	24,731	23,257	27,847	5,942	4,196
Structural shapes & units	119,256	89,031	71,525	101,373	111,614	23,535	59,158
Rails & related products	19,079	13,430	13,131	15,755	18,855	5,456	17,615
Pipe and tube	199,778	193,309	118,010	143,405	244,192	39,160	140,077
Total	1,038,323	932,389	930,390	1,089,590	2,062,933	300,178	1,114,257
Stainless & alloy tool steel:							
Stainless steel:							
Semifinished	1,251	7,058	953	2,181	2,833	918	1,825
Plate	3,371	8,031	3,523	4,481	11,847	1,869	2,490
Sheet and strip	20,081	25,776	29,617	55,981	45,571	10,992	14,549
Bars & certain shapes	5,178	7,762	6,946	7,189	12,047	1,801	5,017
Wire rod	728	1,024	828	1,328	1,486	219	1,149
Wire	2,455	1,964	2,728	3,806	4,459	782	639
Pipe and tube	7,648	5,948	3,040	8,751	6,198	1,112	2,517
Tool steel (all forms)	2,326	2,094	2,144	3,061	4,502	1,255	7,228
Total	43,038	59,657	49,779	86,778	88,943	18,948	35,414

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, 1984-1988 ,and by specified periods, 1988 and 1989

(Short tons)

Item	1984	1985	1986	1987	1988	January-March 1988	January-March 1989
All grades of steel:							
Semifinished	2,864,573	3,725,184	3,414,086	4,311,051	4,529,816	1,171,201	992,635
Plate	6,032,859	6,016,668	4,919,031	5,535,339	9,114,989	2,354,560	1,980,950
Sheet and strip	50,821,204	49,520,991	47,826,825	50,607,166	50,637,823	12,948,629	12,810,587
Bars & certain shapes 1/	14,821,191	14,119,002	13,496,786	14,174,922	15,922,539	3,765,464	4,077,790
Wire rod	4,671,178	4,433,174	4,850,509	5,297,601	5,528,360	1,482,062	1,351,696
Wire	1,614,576	1,467,474	1,353,121	1,316,275	2,121,014	559,201	562,002
Wire products	976,211	917,975	889,928	930,881	3/	3/	3/
Structural shapes & units	6,469,671	7,049,677	6,923,564	7,134,105	7,390,312	1,922,725	1,884,326
Rails & related products	1,593,711	1,299,929	910,276	734,794	807,855	196,292	240,640
Pipe and tube	9,498,172	8,385,854	5,671,711	6,192,583	7,479,551	2,111,557	1,422,566
Total	99,363,346	96,935,928	90,255,837	96,234,717	103,532,259	26,511,691	25,323,192
Carbon & certain alloy 2/ steel:							
Semifinished	2,812,444	3,675,194	3,347,830	4,179,443	4,552,574	1,140,410	951,278
Plate	5,912,929	5,871,738	4,790,280	5,369,622	8,928,117	2,308,014	1,927,669
Sheet and strip	49,883,919	48,579,016	46,905,469	49,593,209	49,520,590	12,652,746	12,515,515
Bars & certain shapes	14,557,499	13,864,208	13,248,440	13,922,706	15,650,297	3,691,680	4,004,639
Wire rod	4,601,146	4,384,259	4,796,440	5,232,865	5,452,877	1,458,981	1,336,832
Wire	1,564,984	1,424,976	1,313,652	1,274,263	2,075,234	547,844	548,600
Wire products	976,211	917,975	889,928	930,881	3/	3/	3/
Structural shapes & units	6,469,671	7,049,677	6,923,564	7,134,105	7,390,312	1,922,725	1,884,326
Rails & related products	1,593,711	1,299,929	910,276	734,794	807,855	196,292	240,640
Pipe and tube	9,423,935	8,310,739	5,599,237	6,133,106	7,393,506	2,087,804	1,401,365
Total	97,796,449	95,377,711	88,725,116	94,504,994	101,771,362	26,006,496	24,810,864
Stainless & alloy tool steel:							
Stainless steel:							
Semifinished	52,129	49,990	66,256	131,608	139,527	30,791	41,357
Plate	119,930	144,930	128,751	165,718	186,872	46,546	53,281
Sheet and strip	937,286	941,975	921,356	1,013,957	1,117,233	295,882	295,072
Bars & certain shapes	173,036	159,475	149,966	156,243	168,373	45,460	38,894
Wire rod	70,031	48,915	54,067	64,737	75,482	23,081	14,865
Wire	49,592	42,499	39,468	42,012	45,780	11,358	13,402
Pipe and tube	74,237	75,115	72,474	59,477	86,044	23,753	21,201
Tool steel (all forms)	90,657	95,318	98,380	95,973	103,870	28,326	34,256
Total	1,566,898	1,558,217	1,530,718	1,729,725	1,923,181	505,197	512,328

1/ Includes tool steel.
2/ Certain alloy refers to alloy steel other than stainless or tool steel.
3/ Shipment and apparent consumption data for wire and wire products have been combined and are reported in the category designated "wire".

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, 1984-1988, and by specific periods, 1988 and 1989

(Percent)

Item	1984	1985	1986	1987	1988	January-March 1988	January-March 1989
All grades of steel:							
Semifinished	57.0	65.5	61.1	53.1	62.8	66.9	49.5
Plate	29.5	29.5	29.6	28.3	20.5	20.8	19.8
Sheet and strip	20.3	18.3	17.3	15.6	14.4	14.7	11.6
Bars & certain shapes 1/	11.6	11.0	10.9	9.6	9.1	9.0	8.2
Wire rod	34.0	33.3	28.1	27.7	27.0	29.1	23.4
Wire	41.0	41.0	43.0	42.0	39.0	1.0	2.0
Wire products	75.7	73.5	71.5	69.8	3/	3/	3/
Structural shapes & units	37.6	34.6	31.5	30.2	29.6	28.6	26.2
Rails & related products	23.5	29.4	30.3	33.5	39.5	39.3	40.0
Pipe and tube	57.2	53.5	52.1	44.8	43.9	45.8	43.7
Total	26.9	25.7	23.6	21.8	21.1	22.0	17.9
Carbon & certain alloy 2/ steel:							
Semifinished	57.5	66.1	61.7	53.4	61.1	67.7	49.7
Plate	30.0	30.0	30.1	29.0	20.8	21.1	20.1
Sheet and strip	20.4	18.3	17.3	15.6	14.5	14.8	11.6
Bars & certain shapes	11.3	10.6	10.5	9.2	8.7	8.5	7.6
Wire rod	34.1	33.2	28.0	27.7	27.0	29.3	23.3
Wire	41.0	41.0	43.0	42.0	39.0	44.0	0.0
Wire products	75.7	73.5	71.5	69.8	3/	3/	3/
Structural shapes & units	37.6	34.6	31.5	30.2	29.6	28.6	26.2
Rails & related products	23.5	29.4	30.3	33.5	39.5	39.3	40.0
Pipe and tube	57.3	53.6	52.2	44.8	44.0	45.8	43.6
Total	27.0	25.8	23.6	21.8	21.1	22.1	17.8
Stainless & alloy tool steel:							
Stainless steel:							
Semifinished	26.3	20.6	26.6	43.1	44.7	36.8	43.8
Plate	6.2	7.9	12.7	6.7	8.5	7.9	9.3
Sheet and strip	14.7	14.4	16.5	12.8	10.6	10.3	11.8
Bars & certain shapes	22.1	23.8	25.3	24.3	24.2	22.7	21.7
Wire rod	26.9	41.0	34.2	28.3	25.4	20.6	31.8
Wire	45.8	52.2	44.4	45.4	45.1	41.1	45.8
Pipe and tube	40.7	42.6	45.9	44.5	42.7	46.7	46.5
Tool steel (all forms)	35.4	39.0	45.5	42.3	42.5	47.7	71.7
Total	19.2	19.7	22.1	19.6	18.6	17.8	21.8

1/ Includes tool steel.
2/ Certain alloy refers to alloy steel other than stainless or tool steel.
3/ Shipment and apparent consumption data for wire and wire products have been combined and are reported in the category designated "wire".

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, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	155,112	282,085	91,188	109,375
Austria	119,666	138,101	28,831	9,718
Brazil	1,152,972	1,476,896	389,213	362,796
Czechoslovakia	29,792	37,301	5,226	745
East Germany	95,910	92,239	27,933	19,244
EC countries	5,314,371	5,766,991	1,272,876	1,111,778
Finland	174,889	212,989	62,112	50,742
Hungary	27,064	30,094	8,602	3,497
Japan	4,384,621	4,343,898	1,162,994	1,012,053
Mexico	491,204	488,367	133,687	71,497
Peoples Rep of China	51,107	68,840	17,818	10,942
Poland	91,936	89,648	31,223	19,230
Portugal	31,087	22,739	11,499	2,447
Romania	82,408	102,548	24,397	4,694
Republic of South Africa	30,015	1,693	1,691	246
Korea, Republic of	1,434,872	1,572,602	467,840	288,044
Spain	520,988	486,490	157,705	165,626
Trinidad and Tobago	62,575	31,518	8,407	6,811
Venezuela	170,571	169,383	61,775	23,001
Yugoslavia	15,394	12,751	1,684	1,346
Total	14,436,554	15,427,173	3,966,701	3,273,832
Other countries:				
Canada	3,809,440	3,430,920	919,296	854,310
Sweden	609,367	575,055	191,000	78,671
Argentina	346,494	558,011	204,440	31,454
Turkey	407,413	307,985	124,682	43,827
Indonesia	235,573	281,142	82,646	25,506
Taiwan	263,415	252,112	69,841	48,303
Norway	154,231	181,502	52,824	26,633
Thailand	120,179	160,364	54,009	31,187
Singapore	144,538	153,164	27,104	23,850
India	60,774	100,261	20,050	36,393
All others	350,496	441,375	112,596	58,283
Total	6,501,920	6,441,891	1,858,488	1,258,417
Grand total	20,938,474	21,869,064	5,825,189	4,532,249

Table 7.--Steel mill products and certain fabricated steel products: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	70,374	118,494	36,501	42,103
Austria	58,007	82,907	18,472	12,352
Brazil	328,749	463,632	108,744	123,635
Czechoslovakia	7,156	12,019	1,533	424
East Germany	25,328	31,340	8,451	6,390
EC countries	2,197,086	2,721,224	576,880	615,456
Finland	65,035	101,105	26,988	23,015
Hungary	6,191	8,600	2,207	1,131
Japan	2,189,840	2,562,005	657,532	629,415
Mexico	204,210	240,693	60,037	43,227
Peoples Rep of China	23,586	27,574	6,883	5,989
Poland	27,141	30,281	9,463	7,105
Portugal	15,163	10,575	5,715	1,607
Romania	25,093	36,063	7,640	1,755
Republic of South Africa	7,322	1,487	1,485	225
Korea, Republic of	633,718	770,065	216,671	146,339
Spain	200,168	249,811	66,311	88,660
Trinidad and Tobago	15,482	8,602	2,098	2,356
Venezuela	48,835	53,699	18,115	9,042
Yugoslavia	5,404	5,947	754	490
Total	6,153,888	7,536,123	1,832,480	1,760,716
Other countries:				
Canada	1,660,699	1,706,602	429,539	457,847
Sweden	301,016	358,878	97,951	77,314
Argentina	122,695	221,845	72,005	12,648
Turkey	123,568	93,038	35,220	13,578
Indonesia	56,949	81,687	23,011	8,819
Taiwan	118,228	134,663	34,514	28,686
Norway	39,735	55,371	13,629	9,298
Thailand	43,817	65,625	20,701	13,306
Singapore	42,953	50,365	9,025	9,408
India	22,889	43,769	7,713	13,667
All others	124,712	164,938	41,116	28,197
Total	2,657,261	2,976,781	784,424	672,768
Grand total	8,811,149	10,512,904	2,616,904	2,433,484

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

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, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January-March 1988	January-March 1989
	Quantity (Short tons)			
VRA countries:				
Australia	155,077	202,683	70,610	73,371
Austria	119,666	138,029	28,831	9,718
Brazil	671,685	755,083	166,183	222,663
Czechoslovakia	29,792	37,301	5,226	745
East Germany	95,909	92,239	27,933	19,244
EC	4,358,698	4,611,870	998,671	902,878
Finland	160,941	209,750	62,112	50,742
Hungary	26,495	30,094	8,602	3,497
Japan	4,291,332	4,264,692	1,141,465	983,702
Mexico	429,320	424,451	110,283	67,762
Peoples Rep of China	51,093	68,840	17,818	10,942
Poland	90,476	89,295	30,944	18,990
Portugal	31,087	22,739	11,499	2,447
Romania	82,408	102,548	24,397	4,694
Republic of South Africa	7,437	1,693	1,691	246
Korea, Republic of	1,407,830	1,515,157	467,207	276,781
Spain	484,083	449,539	137,994	160,430
Trinidad and Tobago	62,575	28,460	8,407	6,811
Venezuela	130,749	119,720	39,834	23,001
Yugoslavia	15,394	12,751	1,684	1,346
Total	12,702,047	13,176,934	3,361,391	2,840,010
Other countries:				
Canada	3,673,795	3,327,082	899,609	835,279
Argentina	343,363	535,190	181,620	31,392
Turkey	407,413	307,985	124,682	43,827
Indonesia	234,667	276,988	78,497	25,506
Sweden	267,311	269,005	97,187	46,352
Taiwan	263,415	252,112	69,841	48,303
Thailand	120,179	160,364	54,009	31,187
Singapore	144,538	153,164	27,104	23,850
Norway	109,791	116,917	35,855	20,756
India	60,774	100,261	20,050	36,393
All others	322,184	348,084	91,577	58,282
Total	5,947,430	5,847,152	1,680,031	1,201,127
Grand total	18,649,477	19,024,086	5,041,422	4,041,137

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, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January-March 1988	January-March 1989
	Import/consumption ratio (percent)			
VRA countries:				
Australia	.2	.2	.3	.3
Austria	.1	.1	.1	2/
Brazil	.7	.8	.7	.9
Czechoslovakia	2/	2/	2/	2/
East Germany	.1	.1	.1	.1
EC	4.8	4.7	4.0	3.7
Finland	.2	.2	.2	.2
Hungary	2/	2/	2/	2/
Japan	4.7	4.4	4.6	4.1
Mexico	.5	.4	.4	.3
Peoples Rep of China	.1	.1	.1	2/
Poland	.1	.1	.1	.1
Portugal	2/	2/	2/	2/
Romania	.1	.1	.1	2/
Republic of South Africa	2/	2/	2/	2/
Korea, Republic of	1.6	1.5	1.9	1.1
Spain	.5	.5	.6	.7
Trinidad and Tobago	.1	2/	2/	2/
Venezuela	.1	.1	.2	.1
Yugoslavia	2/	2/	2/	2/
Total	14.0	13.5	13.4	11.8
Other countries:				
Canada	4.1	3.4	3.6	3.5
Argentina	.4	.5	.7	.1
Turkey	.4	.3	.5	.2
Indonesia	.3	.3	.3	.1
Sweden	.3	.3	.4	.2
Taiwan	.3	.3	.3	.2
Thailand	.1	.2	.2	.1
Singapore	.2	.2	.1	.1
Norway	.1	.1	.1	.1
India	.1	.1	.1	.2
All others	.4	.4	.4	.2
Total	6.6	6.0	6.7	5.0
Grand total	20.6	19.5	20.2	16.8

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, 1987, 1988, and by specified periods, 1988 and 1989

Source	Voluntary restraint level 2/	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)				
VRA countries:					
Australia	50,000	35	79,402	20,578	36,003
Austria	3/	0	73	0	0
Brazil	700,000	481,287	721,813	223,030	140,133
Czechoslovakia	3/	0	0	0	0
East Germany	3/	1	0	0	0
EC Countries	4/ 820,000	955,673	1,155,121	274,206	202,137
Finland	15,000	13,948	3,239	0	0
Hungary	3/	569	0	0	0
Japan	100,000	93,288	79,206	21,529	28,351
Mexico	100,000	61,884	63,916	23,404	3,735
Peoples Rep of China	3/	13	0	0	0
Poland	3/	1,460	353	279	241
Portugal	3/	0	0	0	0
Romania	3/	0	0	0	0
Republic of South Africa	5/ 100,000	22,578	0	0	0
Korea, Republic of	50,000	27,043	57,445	633	11,264
Spain	50,000	36,905	36,951	19,711	5,196
Trinidad and Tobago	3,500	0	3,058	0	0
Venezuela	60,000	39,822	49,663	21,941	0
Yugoslavia	3/	0	0	0	0
Total	2,048,500	1,734,506	2,250,240	605,311	427,060
Other countries:					
Sweden	6/	342,056	306,050	93,813	32,319
Canada	6/	135,645	103,838	19,687	19,031
Norway	6/	44,440	64,585	16,970	5,877
Soviet Union	6/	0	47,078	0	0
New Zealand	6/	28,212	46,214	21,019	0
Argentina	6/	3,131	22,820	22,820	62
Indonesia	6/	906	4,154	4,149	0
Switzerland	6/	99	0	0	0
Belgium	6/	0	0	0	6,763
Taiwan	6/	0	0	0	0
Total	6/	554,489	594,739	178,458	64,052
Grand total	2,048,500	2,288,995	2,844,979	783,769	491,112

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/ semifinished steel: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	35	79,402	20,578	36,003
Austria	0	0	0	0
Brazil	467,926	720,130	223,030	140,133
Czechoslovakia	0	0	0	0
East Germany	2/	0	0	0
EC countries	949,332	1,151,180	272,770	201,285
Finland	13,948	3,239	0	0
Hungary	569	0	0	0
Japan	89,683	77,271	20,512	28,087
Mexico	61,884	63,916	23,404	3,735
Peoples Rep of China	13	0	0	0
Poland	1,460	279	279	0
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	22,578	0	0	0
Korea, Republic of	27,043	57,445	633	11,264
Spain	36,537	30,268	19,350	1,600
Trinidad and Tobago	0	3,058	0	0
Venezuela	39,822	49,663	21,941	0
Yugoslavia	0	0	0	0
Total	1,710,830	2,235,851	602,497	422,107
Other countries:				
Sweden	334,207	291,559	91,905	29,771
Canada	110,445	70,310	13,092	8,400
Norway	44,440	64,585	16,970	5,877
Soviet Union	0	47,078	0	0
New Zealand	28,212	46,214	21,019	0
Argentina	3,131	22,820	22,820	62
Indonesia	906	4,154	4,149	0
Switzerland	99	2/	2/	0
Belgium	0	0	0	6,763
Total	521,440	546,720	169,955	50,873
Grand total	2,232,270	2,782,571	772,452	472,980

See footnote(s) at end of table.

Table 10.--Carbon and certain alloy 1/ semifinished steel: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	6	15,165	2,990	6,307
Austria	0	0	0	0
Brazil	87,231	161,215	45,577	35,597
Czechoslovakia	0	0	0	0
East Germany	7	0	0	0
EC countries	208,398	284,362	62,783	50,411
Finland	2,945	770	0	0
Hungary	128	0	0	0
Japan	20,477	19,499	4,832	7,129
Mexico	11,428	17,342	5,173	1,421
Peoples Rep of China	30	0	0	0
Poland	342	69	69	0
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	3,548	0	0	0
Korea, Republic of	4,809	14,573	240	2,698
Spain	6,503	6,521	3,795	602
Trinidad and Tobago	0	617	0	0
Venezuela	6,708	11,049	3,822	0
Yugoslavia	0	0	0	0
Total	352,560	531,182	129,281	104,165
Other countries:				
Sweden	76,098	73,544	21,395	7,625
Canada	26,940	21,337	4,088	4,973
Norway	8,098	14,757	3,488	1,288
Soviet Union	0	6,946	0	0
New Zealand	6,332	13,489	3,926	0
Argentina	1,109	6,147	6,147	21
Indonesia	242	1,196	1,195	0
Switzerland	140	3	1	0
All others	0	0	0	1,994
Total	118,959	137,419	40,240	15,901
Grand total	471,519	668,601	169,521	120,066

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, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	5,014	5,935	1,738	667
Austria	9,701	21,426	3,237	506
Brazil	112,608	171,537	28,310	62,161
Czechoslovakia	10,416	16,455	837	0
East Germany	16,091	17,270	5,754	3,357
EC countries	381,994	467,491	101,289	50,714
Finland	69,486	96,135	21,917	25,498
Hungary	13,933	16,146	4,662	2,480
Japan	35,903	44,538	7,996	10,794
Mexico	12,930	20,867	5,510	3,238
Peoples Rep of China	0	26	0	0
Poland	30,633	30,860	7,653	9,563
Portugal	0	0	0	0
Romania	49,274	68,325	13,109	4,642
Republic of South Africa	465	0	0	0
Korea, Republic of	64,323	68,405	12,879	12,625
Spain	63,973	48,484	20,416	18,469
Trinidad and Tobago	0	389	0	0
Venezuela	6,872	6,653	2,151	2,628
Yugoslavia	0	1,423	0	0
Total	883,616	1,102,365	237,458	207,342
Other countries:				
Canada	449,135	419,556	120,064	77,837
Sweden	106,253	110,743	42,222	18,919
Indonesia	46,701	84,969	41,300	203
Argentina	17,499	44,564	15,242	0
India	35,711	34,780	2,933	23,985
Egypt	0	21,147	4,900	0
Pakistan	6,227	15,610	9,178	0
Algeria	0	8,054	6,934	0
Turkey	6,145	5,946	5,946	105
New Zealand	0	3,849	0	2,174
All others	4,290	5,507	602	56,922
Total	671,961	754,725	249,321	180,145
Grand total	1,555,577	1,857,090	486,779	387,487

See footnote(s) at end of table.

Table 11.--Carbon and certain alloy 1/ steel plate: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	2,285	3,190	906	318
Austria	3,379	8,467	1,315	229
Brazil	36,299	67,413	11,259	18,070
Czechoslovakia	2,292	5,280	205	0
East Germany	3,761	5,566	1,620	1,143
EC countries	126,682	197,106	40,500	23,136
Finland	18,573	38,528	7,806	9,173
Hungary	3,104	4,494	1,110	793
Japan	19,324	27,120	4,541	6,676
Mexico	3,340	8,122	1,962	1,432
Peoples Rep of China	0	28	0	0
Poland	7,316	9,971	2,049	3,275
Portugal	0	0	0	0
Romania	13,447	22,680	3,841	1,719
Republic of South Africa	145	0	0	0
Korea, Republic of	21,560	28,496	4,687	4,918
Spain	20,059	22,593	7,922	6,902
Trinidad and Tobago	0	122	0	0
Venezuela	1,762	2,062	588	889
Yugoslavia	0	461	0	0
Total	283,328	451,699	90,311	78,673
Other countries:				
Canada	155,991	175,573	46,952	33,742
Sweden	40,807	52,247	18,451	9,713
Indonesia	12,461	25,597	12,039	57
Argentina	4,317	14,038	4,368	0
India	13,055	14,024	796	6,991
Egypt	0	6,652	1,276	0
Pakistan	2,559	4,117	2,379	0
Algeria	0	2,330	2,046	0
Turkey	1,554	2,186	2,186	48
New Zealand	0	1,350	0	689
All others	1,708	1,855	358	25,165
Total	232,452	299,969	90,851	76,405
Grand total	515,780	751,668	181,162	155,078

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, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	123,054	169,338	59,524	62,931
Austria	82,055	80,141	15,717	2,661
Brazil	343,715	279,788	44,165	94,571
Czechoslovakia	2,410	0	0	0
East Germany	61,012	50,830	16,003	9,907
EC countries	2,172,597	2,143,264	429,441	293,816
Finland	71,070	85,164	32,637	17,090
Hungary	9,600	13,211	3,355	951
Japan	2,381,393	2,209,538	578,591	537,064
Mexico	127,973	139,529	36,564	17,714
Peoples Rep of China	584	0	0	18
Poland	13,390	11,005	4,297	0
Portugal	29,872	16,837	11,371	1,881
Romania	3,665	6,731	3,218	52
Republic of South Africa	372	0	0	0
Korea, Republic of	603,796	487,380	149,021	70,111
Spain	100,179	88,988	34,261	34,088
Trinidad and Tobago	0	63	0	0
Venezuela	56,293	57,246	25,145	11,803
Yugoslavia	0	0	0	5
Total	6,183,030	5,839,053	1,443,310	1,154,663
Other countries:				
Canada	1,119,490	856,040	239,653	218,347
Argentina	175,619	243,388	106,280	1,490
Taiwan	60,024	78,901	18,518	9,074
Sweden	61,509	51,007	22,183	5,746
New Zealand	10,795	29,118	1,400	23,320
Algeria	11,632	21,102	7,904	0
Indonesia	24,966	20,138	9,543	160
Turkey	67,134	17,019	15,494	11
Norway	15,629	14,466	2,520	3,670
Pakistan	10,113	8,324	1,712	0
All others	6,653	6,824	263	29,478
Total	1,563,564	1,346,327	425,470	291,296
Grand total	7,746,594	7,185,380	1,868,780	1,445,959

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, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	59,001	90,392	29,658	31,248
Austria	26,289	31,089	5,872	1,325
Brazil	119,782	111,040	16,730	37,953
Czechoslovakia	644	0	0	0
East Germany	17,087	18,100	5,376	3,506
EC countries	877,390	995,304	189,819	152,415
Finland	25,253	32,525	12,417	7,222
Hungary	2,371	3,751	832	308
Japan	1,208,940	1,211,321	312,058	305,271
Mexico	60,338	77,632	19,024	10,658
Peoples Rep of China	114	0	0	7
Poland	5,198	5,049	1,846	0
Portugal	14,108	8,172	5,543	1,010
Romania	1,246	2,176	858	36
Republic of South Africa	124	0	0	0
Korea, Republic of	234,228	209,663	63,149	28,486
Spain	40,855	41,812	14,164	16,005
Trinidad and Tobago	0	19	0	0
Venezuela	18,728	22,121	9,458	4,862
Yugoslavia	0	0	0	3
Total	2,711,696	2,860,166	686,804	600,315
Other countries:				
Canada	463,992	381,804	102,713	105,206
Argentina	64,208	92,033	39,628	613
Taiwan	22,313	31,494	7,201	3,951
Sweden	37,494	39,376	13,588	8,877
New Zealand	5,600	11,315	588	9,942
Algeria	4,076	8,668	3,342	0
Indonesia	6,638	7,569	2,960	76
Turkey	27,144	6,256	5,591	5
Norway	7,955	7,909	1,283	2,621
Pakistan	2,221	3,600	1,827	0
All others	2,985	3,066	294	13,536
Total	644,626	593,090	179,015	144,827
Grand total	3,356,322	3,453,256	865,819	745,142

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, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	117	826	7	36
Austria	394	693	72	210
Brazil	50,090	96,561	35,177	16,892
Czechoslovakia	0	0	0	0
East Germany	2	0	0	0
EC countries	209,024	222,242	31,174	37,867
Finland	2,752	4,081	886	1,515
Hungary	43	146	0	0
Japan	154,408	107,959	36,958	22,193
Mexico	31,521	22,813	5,083	2,016
Peoples Rep of China	4,820	3,441	1,156	530
Poland	1,037	1,282	183	1,040
Portugal	0	2/	0	0
Romania	122	29	29	0
Republic of South Africa	221	0	0	0
Korea, Republic of	56,173	74,249	26,133	23,598
Spain	30,581	38,094	9,628	6,872
Trinidad and Tobago	18,047	15,404	6,498	6,800
Venezuela	13,530	19,962	330	0
Yugoslavia	287	0	0	0
Total	573,169	607,782	153,314	119,569
Other countries:				
Canada	379,637	429,634	107,345	111,895
Turkey	94,882	102,560	17,988	37,565
Indonesia	44,957	54,015	0	1,222
Argentina	18,954	50,982	9,036	10,587
Norway	28,347	36,346	12,008	6,312
Taiwan	44,665	32,265	8,923	4,536
Singapore	39,869	19,311	0	6,237
India	10,014	11,249	3,092	1,779
Sweden	7,255	9,099	2,422	867
Israel	619	5,943	78	42
All others	38,800	1,924	222	1,778
Total	707,999	753,328	161,114	182,820
Grand total	1,281,168	1,361,110	314,428	302,389

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, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	92	332	4	11
Austria	590	667	102	360
Brazil	15,461	29,058	10,068	6,156
Czechoslovakia	0	0	0	0
East Germany	1	0	0	0
EC countries	154,145	116,081	17,307	21,826
Finland	1,685	2,705	541	1,082
Hungary	14	63	0	0
Japan	62,568	49,339	15,392	11,579
Mexico	8,595	8,588	1,796	776
Peoples Rep of China	1,683	1,314	376	186
Poland	548	845	126	558
Portugal	0	2	0	0
Romania	600	103	103	0
Republic of South Africa	71	0	0	0
Korea, Republic of	15,094	20,439	6,528	6,804
Spain	11,163	17,305	4,326	3,293
Trinidad and Tobago	5,496	3,968	1,512	2,324
Venezuela	3,187	5,392	72	0
Yugoslavia	73	0	0	0
Total	281,066	256,201	58,253	54,955
Other countries:				
Canada	146,520	186,448	45,171	48,210
Turkey	24,960	28,951	4,220	10,821
Indonesia	9,076	14,691	0	339
Argentina	4,865	16,442	2,491	4,165
Norway	5,906	8,963	2,569	1,678
Taiwan	11,531	10,022	2,465	1,564
Singapore	10,128	5,104	0	2,595
India	3,490	3,952	1,143	758
Sweden	4,732	5,737	1,202	797
Israel	191	1,616	72	18
All others	9,814	1,111	134	733
Total	231,213	283,037	59,467	71,678
Grand total	512,279	539,238	117,720	126,633

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 14.--Carbon and certain alloy 1/ steel wire rod: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	9,664	9,551	4,469	4,830
Austria	401	601	258	110
Brazil	50,183	58,383	14,841	17,584
Czechoslovakia	10,307	13,661	2,119	0
East Germany	12,806	16,306	4,522	4,352
EC countries	235,247	248,578	58,978	42,702
Finland	2,237	2,237	0	108
Hungary	2,862	0	0	0
Japan	245,672	276,003	70,873	70,142
Mexico	62,826	58,389	13,702	6,636
Peoples Rep of China	0	27	25	25
Poland	0	7,606	4,336	0
Portugal	0	4,451	0	0
Romania	0	0	0	0
Republic of South Africa	0	0	0	0
Korea, Republic of	432	875	631	194
Spain	40,302	37,258	15,843	18,465
Trinidad and Tobago	43,094	11,312	1,358	0
Venezuela	4,471	8,916	3,428	335
Yugoslavia	0	0	0	0
Total	720,504	754,154	195,383	165,483
Other countries:				
Canada	390,071	360,096	109,128	112,635
Turkey	61,072	126,791	65,998	0
Indonesia	97,932	84,414	20,849	10,705
Singapore	60,425	81,904	13,473	10,081
Sweden	10,079	18,464	8,844	1,021
Saudi Arabia	42,619	17,972	8,823	0
Taiwan	15,798	16,843	4,467	7,438
Egypt	0	11,114	0	23
Malaysia	47,789	2,355	0	0
Israel	131	372	0	0
All others	2,300	144	2/	4,426
Total	728,216	720,469	231,582	146,329
Grand total	1,448,720	1,474,623	426,965	311,812

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, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	1,983	2,103	941	1,050
Austria	179	248	109	39
Brazil	12,145	16,380	4,354	4,796
Czechoslovakia	2,164	3,234	429	0
East Germany	2,585	3,547	895	1,060
EC countries	84,580	97,970	22,561	15,796
Finland	692	741	0	35
Hungary	557	0	0	0
Japan	103,044	124,039	29,598	32,468
Mexico	14,093	15,344	3,316	1,634
Peoples Rep of China	0	9	7	7
Poland	0	1,612	885	0
Portugal	0	1,123	0	0
Romania	0	0	0	0
Republic of South Africa	0	0	0	0
Korea, Republic of	179	389	276	122
Spain	11,411	10,435	4,211	5,261
Trinidad and Tobago	9,538	3,293	388	0
Venezuela	1,014	2,000	757	88
Yugoslavia	0	0	0	0
Total	244,164	282,467	68,727	62,356
Other countries:				
Canada	127,412	130,836	37,085	40,762
Turkey	13,673	32,337	15,620	0
Indonesia	21,082	20,363	4,431	2,893
Singapore	14,388	21,983	3,232	2,942
Sweden	6,215	9,831	3,330	754
Saudi Arabia	8,616	3,719	1,791	0
Taiwan	6,199	6,764	1,728	3,293
Egypt	0	2,650	0	7
Malaysia	11,059	622	0	0
Israel	30	106	0	0
All others	478	131	1	1,794
Total	209,152	229,342	67,218	52,445
Grand total	453,316	511,809	135,945	114,801

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 15.--Carbon and certain alloy 1/ steel wire: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	4,963	4,488	829	1,008
Austria	2,484	1,731	425	437
Brazil	10,577	14,128	6,056	4,125
Czechoslovakia	0	0	0	0
East Germany	89	0	0	0
EC countries	174,468	168,458	44,141	21,974
Finland	400	476	134	52
Hungary	57	0	0	0
Japan	96,684	78,468	21,701	18,482
Mexico	3,991	2,712	226	474
Peoples Rep of China	7,302	9,720	1,523	1,371
Poland	2	116	0	37
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	187	0	0	0
Korea, Republic of	8,226	7,736	1,576	1,987
Spain	40	22	2	7
Trinidad and Tobago	1,435	1,060	514	0
Venezuela	7,717	5,996	2,448	561
Yugoslavia	42	3	0	0
Total	318,664	295,114	79,575	50,515
Other countries:				
Canada	194,819	193,243	51,544	51,490
Sweden	7,745	7,532	1,964	1,874
Taiwan	3,217	4,897	1,018	709
India	2,572	4,108	1,370	1,217
Saudi Arabia	0	4,000	0	0
Switzerland	1,372	2,591	563	657
Argentina	1,170	2,491	869	1,433
Chile	1,379	2,146	472	393
Ecuador	18	1,430	34	555
Norway	2,476	1,312	285	207
All others	3,464	865	177	15,747
Total	218,232	224,615	58,296	74,282
Grand total	536,896	519,729	137,871	124,797

See footnote(s) at end of table.

Table 15.--Carbon and certain alloy 1/ steel wire: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	2,329	2,018	395	470
Austria	3,613	2,584	687	625
Brazil	4,944	6,207	2,524	1,965
Czechoslovakia	0	0	0	0
East Germany	24	0	0	0
EC countries	129,054	141,173	35,584	19,686
Finland	170	231	59	14
Hungary	17	0	0	0
Japan	64,973	61,637	15,657	15,432
Mexico	1,681	1,320	109	270
Peoples Rep of China	2,868	4,165	763	581
Poland	3	59	0	18
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	85	0	0	0
Korea, Republic of	4,882	4,667	882	1,254
Spain	33	37	26	52
Trinidad and Tobago	448	354	187	0
Venezuela	3,802	3,096	1,184	369
Yugoslavia	24	9	0	0
Total	218,950	227,557	58,057	40,736
Other countries:				
Canada	101,960	109,405	27,706	30,420
Sweden	10,304	10,678	2,519	2,788
Taiwan	1,964	2,903	528	679
India	883	1,518	520	447
Saudi Arabia	0	810	0	0
Switzerland	898	1,525	356	423
Argentina	499	1,245	520	651
Chile	532	946	190	207
Ecuador	9	652	15	265
Norway	1,427	1,177	242	169
All others	1,385	483	95	15,169
Total	119,861	131,342	32,691	51,218
Grand total	338,811	358,899	90,748	91,954

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, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	291	5	2/	0
Austria	1,113	956	118	1,212
Brazil	10,382	15,018	4,104	3,830
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	34,544	23,220	7,130	12,757
Finland	0	1	2/	2/
Hungary	0	0	0	0
Japan	50,318	23,536	8,150	15,080
Mexico	14,577	13,693	3,243	3,117
Peoples Rep of China	36,253	36,866	8,999	8,708
Poland	19,213	16,070	3,566	3,089
Portugal	683	380	127	171
Romania	6,859	143	0	0
Republic of South Africa	4,340	1,550	1,550	246
Korea, Republic of	186,794	192,127	50,305	40,136
Spain	18,997	14,765	3,815	10,346
Trinidad and Tobago	0	94	37	0
Venezuela	2,683	1,352	441	2,983
Yugoslavia	7,882	7,314	1,667	1,341
Total	394,929	347,090	93,252	103,016
Other countries:				
Canada	106,028	98,251	23,765	27,357
Turkey	37,393	23,631	5,148	2,845
United Arab Emirates	7,787	20,059	4,844	5,326
Indonesia	11,116	18,621	2,996	5,462
Argentina	12,069	18,002	4,491	4,279
Taiwan	37,689	13,715	3,854	3,769
Thailand	20,516	8,627	1,355	7,387
Chile	10,919	8,459	2,012	1,429
India	505	4,571	275	1,756
Saudi Arabia	305	3,718	1,193	1,394
All others	10,123	7,707	1,628	9,072
Total	254,450	225,361	51,561	70,076
Grand total	649,379	572,451	144,813	173,092

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, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	249	20	4	0
Austria	1,973	1,556	253	2,019
Brazil	4,592	7,169	1,964	2,162
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	27,128	24,443	6,109	24,554
Finland	0	96	4	2
Hungary	0	0	0	0
Japan	46,874	28,992	8,919	28,709
Mexico	7,758	8,903	1,928	3,204
Peoples Rep of China	17,786	14,640	3,560	5,009
Poland	7,056	5,403	1,279	1,041
Portugal	820	530	171	260
Romania	2,424	44	0	0
Republic of South Africa	2,199	792	792	225
Korea, Republic of	128,818	138,561	33,591	34,918
Spain	11,866	8,752	2,204	10,606
Trinidad and Tobago	0	27	11	0
Venezuela	498	387	127	907
Yugoslavia	2,845	3,027	732	487
Total	262,886	243,342	61,648	114,103
Other countries:				
Canada	73,873	70,198	16,519	22,726
Turkey	12,966	8,700	1,667	1,277
United Arab Emirates	2,582	7,562	1,858	2,080
Indonesia	4,341	6,881	1,064	2,053
Argentina	5,105	7,943	1,907	2,157
Taiwan	24,306	12,448	3,221	4,322
Thailand	10,027	5,332	1,007	2,721
Chile	4,662	3,991	972	780
India	263	2,659	186	1,490
Saudi Arabia	103	1,239	397	526
All others	6,976	6,778	1,458	21,027
Total	145,204	133,731	30,256	61,159
Grand total	408,090	377,073	91,904	175,262

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, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	55	139	35	130
Austria	377	1,541	99	238
Brazil	11,926	20,210	10,822	4,578
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	645,485	732,369	154,069	143,768
Finland	341	118	101	243
Hungary	0	0	0	0
Japan	629,977	590,217	143,210	150,834
Mexico	17,953	24,912	6,252	3,736
Peoples Rep of China	8	208	0	164
Poland	18,559	14,059	6,136	4,012
Portugal	122	0	0	2/
Romania	0	19	0	0
Republic of South Africa	933	143	141	0
Korea, Republic of	135,070	169,302	55,391	26,717
Spain	177,434	171,068	38,179	42,530
Trinidad and Tobago	0	0	0	11
Venezuela	0	2/	0	2
Yugoslavia	0	263	0	0
Total	1,638,240	1,724,568	414,435	376,963
Other countries:				
Canada	398,180	338,187	93,002	69,803
Norway	61,316	64,361	20,854	10,492
Argentina	17,757	27,523	14,476	6,838
Taiwan	17,179	9,020	2,683	2,447
New Zealand	9,076	8,242	1,274	1,956
Indonesia	0	4,074	0	3,251
Sweden	2,170	3,925	386	340
Thailand	0	3,278	44	0
Singapore	6,702	3,129	1,679	144
Switzerland	131	626	473	2/
All others	2,917	1,534	459	22,049
Total	515,428	463,899	135,330	117,320
Grand total	2,153,668	2,188,467	549,765	494,283

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, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	54	135	21	304
Austria	1,455	1,865	600	721
Brazil	4,099	8,055	3,789	1,832
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	222,416	294,725	61,158	58,909
Finland	336	248	162	273
Hungary	0	0	0	0
Japan	189,574	228,010	51,316	60,061
Mexico	7,074	11,585	2,499	1,831
Peoples Rep of China	71	154	0	112
Poland	3,990	3,587	1,442	1,161
Portugal	78	0	0	8
Romania	0	11	0	0
Republic of South Africa	573	694	692	0
Korea, Republic of	59,530	84,018	27,243	10,814
Spain	48,816	62,180	11,500	16,316
Trinidad and Tobago	0	0	0	32
Venezuela	0	1	0	2
Yugoslavia	0	393	0	0
Total	538,066	695,661	160,422	152,376
Other countries:				
Canada	220,522	201,529	50,484	43,786
Norway	15,052	21,943	5,812	3,427
Argentina	4,186	7,274	3,619	2,031
Taiwan	9,331	5,476	1,795	2,101
New Zealand	9,040	8,814	2,174	2,213
Indonesia	0	1,173	0	951
Sweden	7,243	5,413	965	832
Thailand	0	1,711	17	0
Singapore	4,293	2,903	1,202	132
Switzerland	818	1,557	817	6
All others	6,366	1,349	450	8,485
Total	276,851	259,142	67,335	63,964
Grand total	814,917	954,803	227,757	216,340

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 18.--Carbon and certain alloy 1/ steel rails and related products: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	30	2	0	777
Austria	5	703	2/	1,596
Brazil	2,440	4,553	503	1,048
Czechoslovakia	0	0	0	0
East Germany	0	1	0	0
EC countries	42,340	51,287	16,821	19,238
Finland	2/	3	3	0
Hungary	0	4	0	0
Japan	84,891	79,347	22,207	28,646
Mexico	46	26	0	119
Peoples Rep of China	45	25	0	73
Poland	0	0	0	39
Portugal	0	1,071	0	394
Romania	0	0	0	0
Republic of South Africa	879	2/	2/	0
Korea, Republic of	5,803	6,919	3,534	1,604
Spain	0	0	0	31
Trinidad and Tobago	0	0	0	0
Venezuela	344	77	0	0
Yugoslavia	0	0	0	0
Total	136,823	144,018	43,068	53,565
Other countries:				
Canada	101,439	172,077	33,070	42,208
Sweden	7,424	3,064	1,043	11
Gabon	0	128	0	0
Taiwan	168	128	20	157
Argentina	6	6	0	0
India	0	6	0	0
Philippines	0	6	6	0
Honduras	0	2/	0	0
Norway	0	2/	0	0
Colombia	0	0	0	20
All others	127	0	0	304
Total	109,164	175,415	34,139	42,700
Grand total	245,987	319,433	77,207	96,265

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, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	15	7	0	1,005
Austria	37	299	3	1,153
Brazil	2,016	3,751	429	872
Czechoslovakia	0	0	0	0
East Germany	0	5	0	0
EC countries	17,563	24,466	7,402	8,901
Finland	5	14	9	0
Hungary	0	25	0	0
Japan	34,066	38,835	10,145	14,937
Mexico	14	37	0	140
Peoples Rep of China	32	9	0	43
Poland	0	0	0	18
Portugal	0	748	0	329
Romania	0	0	0	0
Republic of South Africa	563	1	1	0
Korea, Republic of	1,863	2,580	1,158	915
Spain	0	0	0	123
Trinidad and Tobago	0	0	0	0
Venezuela	70	24	0	0
Yugoslavia	0	0	0	0
Total	56,244	70,801	19,147	28,436
Other countries:				
Canada	20,479	50,140	11,540	18,892
Sweden	2,553	1,001	198	57
Gabon	0	67	0	0
Taiwan	302	294	45	258
Argentina	24	17	0	0
India	0	16	0	0
Philippines	0	28	28	0
Honduras	0	2	0	0
Norway	0	3	0	0
All others	284	0	0	214
Total	23,642	51,568	11,811	19,421
Grand total	79,886	122,369	30,958	47,857

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 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	11,869	12,375	4,007	2,991
Austria	19,766	26,408	7,754	1,564
Brazil	75,669	87,724	20,142	15,709
Czechoslovakia	6,660	7,164	2,270	745
East Germany	5,909	7,828	1,653	1,628
EC countries	383,341	458,471	130,493	112,239
Finland	5,968	12,755	4,133	5,335
Hungary	0	585	585	0
Japan	542,452	790,770	234,563	106,168
Mexico	137,761	131,349	36,430	27,800
Peoples Rep of China	2,056	18,422	6,113	48
Poland	7,267	8,048	4,753	1,150
Portugal	410	0	0	0
Romania	22,488	27,284	8,024	0
Republic of South Africa	40	0	0	0
Korea, Republic of	331,525	496,059	164,939	96,790
Spain	32,753	29,637	11,101	24,496
Trinidad and Tobago	0	0	0	0
Venezuela	38,840	19,510	5,891	4,690
Yugoslavia	7,183	3,732	0	0
Total	1,631,957	2,138,121	642,851	401,353
Other countries:				
Canada	514,456	436,372	115,707	117,260
Thailand	93,717	148,259	52,570	23,649
Argentina	100,108	148,192	31,183	6,628
Taiwan	79,176	88,055	27,885	19,296
Singapore	37,408	47,545	11,930	7,341
India	10,848	44,486	12,080	7,123
Turkey	140,786	32,001	14,107	3,301
Sweden	30,146	26,842	7,269	4,615
Malaysia	13,285	22,879	7,214	1,178
Chile	2,077	22,048	2,034	2,080
All others	94,680	95,139	31,351	17,742
Total	1,116,687	1,111,818	313,330	210,213
Grand total	2,748,644	3,249,939	956,181	611,566

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 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	4,265	4,959	1,562	1,365
Austria	11,963	23,494	6,498	1,437
Brazil	32,186	41,170	8,633	9,462
Czechoslovakia	2,057	3,472	899	424
East Germany	1,862	4,115	560	681
EC countries	197,587	322,171	82,765	74,846
Finland	1,915	5,624	1,780	2,544
Hungary	0	266	266	0
Japan	295,849	597,887	162,310	85,751
Mexico	57,935	71,872	19,257	15,279
Peoples Rep of China	895	7,066	2,137	32
Poland	2,219	3,115	1,737	493
Portugal	157	0	0	0
Romania	7,377	11,018	2,808	0
Republic of South Africa	15	0	0	0
Korea, Republic of	137,101	239,742	74,205	47,973
Spain	16,510	23,994	7,665	13,565
Trinidad and Tobago	0	0	0	0
Venezuela	13,066	7,535	2,107	1,925
Yugoslavia	2,462	2,036	0	0
Total	785,421	1,369,536	375,189	255,777
Other countries:				
Canada	254,194	266,692	65,383	70,137
Thailand	32,613	58,119	19,616	10,269
Argentina	38,060	76,641	13,262	2,845
Taiwan	28,607	39,591	11,385	9,086
Singapore	13,763	19,833	4,499	3,681
India	4,059	20,173	4,789	3,209
Turkey	43,271	14,568	5,935	1,424
Sweden	21,798	23,510	6,262	5,152
Malaysia	4,615	9,314	2,712	501
Chile	829	9,500	916	1,006
All others	35,348	41,391	12,080	7,864
Total	477,157	579,332	146,839	115,174
Grand total	1,262,578	1,948,868	522,028	370,951

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, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	155,092	282,061	91,187	109,374
Austria	116,298	134,200	27,681	8,533
Brazil	1,135,516	1,468,033	387,149	360,631
Czechoslovakia	29,792	37,280	5,226	745
East Germany	95,910	92,234	27,933	19,244
EC countries	5,228,372	5,666,561	1,246,306	1,077,556
Finland	166,202	204,209	59,811	49,840
Hungary	27,064	30,094	8,602	3,430
Japan	4,311,383	4,277,647	1,144,762	987,492
Mexico	471,462	478,207	130,414	68,586
Peoples Rep of China	51,081	68,735	17,816	10,938
Poland	91,561	89,325	31,203	18,930
Portugal	31,087	22,739	11,499	2,447
Romania	82,408	102,530	24,379	4,694
Republic of South Africa	30,015	1,693	1,691	246
Korea, Republic of	1,419,183	1,560,497	465,042	285,025
Spain	500,796	458,584	152,594	156,904
Trinidad and Tobago	62,575	31,380	8,407	6,811
Venezuela	170,571	169,376	61,775	23,001
Yugoslavia	15,394	12,734	1,667	1,346
Total	14,191,762	15,188,119	3,905,144	3,195,773
Other countries:				
Canada	3,763,701	3,373,766	906,371	837,233
Argentina	346,313	557,969	204,398	31,316
Sweden	566,885	522,294	178,240	63,760
Turkey	407,413	307,985	124,682	43,826
Indonesia	235,573	281,142	82,646	25,504
Taiwan	257,931	243,886	67,376	47,426
Norway	154,194	181,502	52,824	26,633
Thailand	120,179	160,176	53,982	31,035
Singapore	144,538	153,163	27,104	23,850
India	60,231	99,714	19,961	36,114
All others	350,185	441,075	112,520	58,157
Total	6,407,143	6,322,672	1,830,104	1,224,854
Grand total	20,598,905	21,510,791	5,735,248	4,420,627

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, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	70,279	118,320	36,481	42,078
Austria	49,477	70,268	15,439	7,910
Brazil	318,756	451,458	105,327	118,866
Czechoslovakia	7,156	11,986	1,533	424
East Germany	25,328	31,334	8,451	6,390
EC countries	2,044,943	2,497,803	525,988	532,743
Finland	51,574	81,482	22,776	20,344
Hungary	6,191	8,600	2,207	1,101
Japan	2,045,689	2,386,680	614,770	568,014
Mexico	172,255	220,745	55,065	36,645
Peoples Rep of China	23,479	27,385	6,843	5,977
Poland	26,671	29,711	9,434	6,564
Portugal	15,163	10,575	5,715	1,607
Romania	25,093	36,033	7,611	1,755
Republic of South Africa	7,322	1,487	1,485	225
Korea, Republic of	608,066	743,129	211,958	138,903
Spain	167,216	193,629	55,813	72,724
Trinidad and Tobago	15,482	8,400	2,098	2,356
Venezuela	48,835	53,667	18,115	9,042
Yugoslavia	5,404	5,925	732	490
Total	5,734,379	6,988,617	1,707,841	1,574,158
Other countries:				
Canada	1,591,881	1,593,962	407,644	418,854
Argentina	122,372	221,780	71,941	12,482
Sweden	207,367	221,486	67,915	38,674
Turkey	123,568	93,038	35,220	13,575
Indonesia	56,949	81,687	23,011	8,766
Taiwan	104,597	109,041	28,390	25,254
Norway	39,717	55,371	13,629	9,296
Thailand	43,817	65,167	20,645	12,990
Singapore	42,953	50,360	9,025	9,408
India	22,038	42,731	7,573	13,031
All others	123,858	163,352	40,731	27,596
Total	2,479,117	2,697,975	725,724	589,926
Grand total	8,213,496	9,686,592	2,433,565	2,164,084

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 21.--Stainless semifinished steel: U.S. imports for consumption, by specified sources 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	0	0	0	0
Austria	0	73	0	0
Brazil	13,361	1,683	0	0
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	6,340	3,941	1,436	851
Finland	0	0	0	0
Hungary	0	0	0	0
Japan	3,605	1,935	1,017	264
Mexico	0	0	0	0
Peoples Rep of China	0	0	0	0
Poland	0	74	0	241
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	368	6,683	361	3,596
Trinidad and Tobago	0	0	0	0
Venezuela	0	0	0	0
Yugoslavia	0	0	0	0
Total	23,674	14,389	2,814	4,952
Other countries:				
Canada	25,200	33,527	6,595	10,631
Sweden	7,849	14,491	1,908	2,548
Taiwan	0	0	0	1/
Total	33,049	48,018	8,503	13,179
Grand total	56,723	62,407	11,317	18,131

See footnote(s) at end of table.

Table 21.--Stainless semifinished steel: U.S. imports for consumption, by specified sources 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	0	0	0	0
Austria	0	234	0	0
Brazil	3,904	542	0	0
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	4,418	6,353	1,968	509
Finland	0	0	0	0
Hungary	0	0	0	0
Japan	3,581	2,906	1,408	507
Mexico	0	0	0	0
Peoples Rep of China	0	0	0	0
Poland	0	102	0	427
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	1,566	6,767	1,906	2,426
Trinidad and Tobago	0	0	0	0
Venezuela	0	0	0	0
Yugoslavia	0	0	0	0
Total	13,469	16,904	5,282	3,869
Other countries:				
Canada	25,133	52,871	7,545	19,908
Sweden	7,692	23,240	2,474	5,673
Hong Kong	0	0	0	2
Taiwan	0	0	0	7
Total	32,825	76,111	10,019	25,590
Grand total	46,294	93,015	15,301	29,459

1/ Less than 0.5 short ton.

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, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	0	0	0	0
Austria	96	249	8	77
Brazil	36	0	0	0
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	5,278	7,364	2,052	2,958
Finland	2,369	2,730	835	428
Hungary	0	0	0	0
Japan	1,558	2,225	363	284
Mexico	2	0	0	4
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	125	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	9,339	12,693	3,258	3,751
Other countries:				
Sweden	1,744	2,779	413	500
Canada	34	371	22	136
Anguilla	0	5	0	0
Belgium	0	0	0	545
Total	1,778	3,155	435	1,181
Grand total	11,117	15,848	3,693	4,932

Table 22.--Stainless steel plate: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	0	0	0	0
Austria	366	953	26	392
Brazil	56	0	0	0
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	9,256	15,635	3,513	9,387
Finland	3,590	6,147	1,584	1,249
Hungary	0	0	0	0
Japan	2,339	4,514	582	780
Mexico	2	0	0	3
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	50	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	15,609	27,299	5,705	11,811
Other countries:				
Sweden	3,986	6,775	1,019	1,615
Canada	33	889	44	346
Anguilla	0	9	0	0
Belgium	0	0	0	1,272
Total	4,019	7,673	1,063	3,233
Grand total	19,628	34,972	6,768	15,044

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, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	0	0	0	0
Austria	52	29	3	8
Brazil	550	313	41	0
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	41,504	46,605	11,368	12,837
Finland	6,296	6,045	1,466	468
Hungary	0	0	0	0
Japan	25,733	22,393	6,316	10,993
Mexico	18,819	8,814	2,878	2,752
Peoples Rep of China	21	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	9,450	7,845	1,845	1,274
Spain	13,700	14,153	3,259	3,245
Trinidad and Tobago	0	0	0	0
Venezuela	0	5	0	0
Yugoslavia	0	0	0	0
Total	116,125	106,202	27,176	31,577
Other countries:				
Sweden	7,493	8,433	2,321	1,789
Canada	4,892	3,838	1,075	1,026
India	341	90	0	0
Honduras	0	19	0	0
Peru	0	2	0	0
Antigua	1	0	0	0
Norway	37	0	0	0
Belgium	0	0	0	409
Turkey	0	0	0	1/
Jordan	19	0	0	0
All others	386	0	0	0
Total	13,169	12,382	3,396	3,224
Grand total	129,294	118,584	30,572	34,801

See footnote(s) at end of table.

Table 23.--Stainless steel sheet and strip: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
FTA countries:				
Australia	0	0	0	0
Austria	202	136	9	41
Brazil	675	480	55	0
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	65,434	91,017	18,745	28,006
Finland	9,834	13,459	2,627	1,366
Hungary	0	0	0	0
Japan	43,684	50,112	12,026	22,002
Mexico	30,157	16,454	4,277	6,186
Peoples Rep of China	29	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	14,459	17,343	2,857	3,112
Spain	20,342	31,308	5,252	7,174
Trinidad and Tobago	0	0	0	0
Venezuela	0	21	0	0
Yugoslavia	0	0	0	0
Total	184,816	220,330	45,848	67,887
Other countries:				
Sweden	17,785	24,684	5,407	5,849
Canada	8,019	9,552	2,226	3,185
India	492	172	0	0
Honduras	0	35	0	0
Peru	0	26	0	0
Antigua	11	0	0	0
Norway	16	0	0	0
Belgium	0	0	0	997
All others	560	0	0	3
Total	26,883	34,469	7,633	10,034
Grand total	211,699	254,799	53,481	77,921

1/ Less than 0.5 short ton.

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, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	0	0	0	0
Austria	94	183	43	48
Brazil	1,450	3,827	1,062	1,291
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	5,899	8,421	2,416	1,612
Finland	0	0	0	0
Hungary	0	0	0	0
Japan	19,259	16,715	4,005	3,218
Mexico	0	49	5	0
Peoples Rep of China	4	2	2	0
Poland	0	0	0	0
Portugal	0	0	0	0
Romania	0	18	18	0
Republic of South Africa	0	0	0	0
Korea, Republic of	2,582	1,604	269	926
Spain	3,826	4,285	790	638
Trinidad and Tobago	0	0	0	0
Venezuela	0	0	0	0
Yugoslavia	0	0	0	0
Total	33,114	35,104	8,610	7,733
Other countries:				
Sweden	3,200	3,708	1,170	460
Canada	1,269	1,641	463	159
India	126	224	67	42
Taiwan	59	49	6	0
Hong Kong	0	1/	0	0
Switzerland	66	1/	1/	1/
Argentina	111	0	0	49
Bulgaria	46	0	0	0
Indonesia	0	0	0	2
Total	4,877	5,622	1,706	712
Grand total	37,991	40,726	10,316	8,445

See footnote(s) at end of table.

Table 24.--Stainless steel bars and shapes: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	0	0	0	0
Austria	257	412	109	123
Brazil	2,503	5,743	1,751	3,154
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	11,437	19,765	4,865	4,371
Finland	0	0	0	0
Hungary	0	0	0	0
Japan	36,707	40,671	7,921	10,185
Mexico	0	163	7	0
Peoples Rep of China	75	40	40	0
Poland	0	0	0	0
Portugal	0	0	0	0
Romania	0	30	30	0
Republic of South Africa	0	0	0	0
Korea, Republic of	4,294	3,389	414	2,633
Spain	6,889	10,122	1,553	1,871
Trinidad and Tobago	0	0	0	0
Venezuela	0	0	0	0
Yugoslavia	0	0	0	0
Total	62,162	80,335	16,690	22,337
Other countries:				
Sweden	6,180	8,981	2,347	1,548
Canada	2,136	3,608	813	593
India	199	420	105	92
Taiwan	108	162	17	0
Hong Kong	0	3	0	0
Switzerland	129	1	1	1
Argentina	201	0	0	87
Bulgaria	70	0	0	0
Indonesia	0	0	0	53
Total	9,023	13,175	3,283	2,374
Grand total	71,185	93,510	19,973	24,711

1/ Less than 0.5 short ton.

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, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	0	0	0	0
Austria	0	49	0	0
Brazil	874	964	181	0
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	5,482	6,898	1,481	2,010
Finland	0	0	0	0
Hungary	0	0	0	0
Japan	5,544	5,483	1,221	1,293
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	868	375	198	55
Spain	1,542	1,979	536	544
Trinidad and Tobago	0	138	0	0
Venezuela	0	0	0	0
Yugoslavia	0	17	17	0
Total	14,310	15,903	3,634	3,902
Other countries:				
Sweden	3,955	3,159	1,121	830
Taiwan	47	148	0	0
Canada	0	1/	0	0
Total	4,002	3,307	1,121	830
Grand total	18,312	19,210	4,755	4,732

See footnote(s) at end of table.

Table 25.--Stainless steel wire rod: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	0	0	0	0
Austria	0	68	0	0
Brazil	1,224	1,543	246	0
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	11,089	17,917	3,044	6,096
Finland	0	0	0	0
Hungary	0	0	0	0
Japan	8,927	11,611	1,993	3,493
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	1,150	552	279	143
Spain	2,539	5,122	1,270	1,609
Trinidad and Tobago	0	202	0	0
Venezuela	0	0	0	0
Yugoslavia	0	22	22	0
Total	24,929	37,037	6,854	11,341
Other countries:				
Sweden	6,995	7,916	2,101	2,797
Taiwan	72	328	0	0
Canada	0	2	0	0
Total	7,067	8,246	2,101	2,797
Grand total	31,996	45,283	8,955	14,138

1/ Less than 0.5 short ton.

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, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	1/	1/	1/	1/
Austria	37	25	2	6
Brazil	188	156	1/	217
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	6,763	7,713	1,798	1,679
Finland	0	0	0	7
Hungary	0	0	0	0
Japan	4,254	4,719	1,007	1,504
Mexico	0	1	0	0
Peoples Rep of China	0	0	0	0
Poland	71	0	0	0
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	0	0	0	0
Korea, Republic of	884	986	252	187
Spain	621	388	51	288
Trinidad and Tobago	0	0	0	0
Venezuela	0	3	0	0
Yugoslavia	0	0	0	0
Total	12,818	13,991	3,110	3,888
Other countries:				
Sweden	2,555	2,685	658	813
Canada	2,043	2,277	574	537
Taiwan	1,462	1,221	221	257
Switzerland	47	268	76	121
India	77	209	22	231
Singapore	0	1/	0	0
Belgium	0	0	0	296
Israel	65	0	0	0
Hong Kong	0	0	0	1/
New Zealand	15	0	0	0
Total	6,264	6,660	1,551	2,255
Grand total	19,082	20,651	4,661	6,143

See footnote(s) at end of table.

Table 26.--Stainless steel wire: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	64	39	16	25
Austria	172	117	12	31
Brazil	282	304	3	554
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	17,601	23,826	4,909	6,065
Finland	0	0	0	58
Hungary	0	0	0	0
Japan	13,957	18,705	3,770	5,863
Mexico	0	6	0	0
Peoples Rep of China	0	0	0	0
Poland	16	0	0	0
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	0	0	0	0
Korea, Republic of	2,240	3,044	654	739
Spain	1,280	1,096	107	920
Trinidad and Tobago	0	0	0	0
Venezuela	0	11	0	0
Yugoslavia	0	0	0	0
Total	35,612	47,148	9,471	14,255
Other countries:				
Sweden	10,548	12,922	2,822	4,370
Canada	6,960	9,650	2,229	2,936
Taiwan	3,797	3,824	582	921
Switzerland	170	1,254	289	548
India	159	414	35	520
Singapore	0	5	0	0
Belgium	0	0	0	1,360
Israel	85	0	0	0
All others	49	0	0	4
Total	21,768	28,069	5,957	10,659
Grand total	57,380	75,217	15,428	24,914

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, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	0	23	1/	0
Austria	395	756	155	251
Brazil	0	0	0	0
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	4,430	6,694	1,927	2,670
Finland	0	1/	0	0
Hungary	0	0	0	0
Japan	7,208	8,365	3,122	2,464
Mexico	781	950	186	111
Peoples Rep of China	0	0	0	4
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	517	392	109	130
Spain	88	388	108	410
Trinidad and Tobago	0	0	0	0
Venezuela	0	0	0	0
Yugoslavia	0	0	0	0
Total	13,419	17,568	5,607	6,040
Other countries:				
Canada	5,432	6,925	2,035	1,996
Taiwan	3,571	6,809	2,237	619
Sweden	4,016	5,253	1,196	1,048
Thailand	0	188	26	151
India	0	4	0	5
Israel	1/	4	1/	0
Switzerland	2	1	1/	5
New Zealand	0	1/	0	0
Norway	1/	0	0	1/
Malaysia	1/	0	0	0
All others	6	0	0	0
Total	13,027	19,184	5,494	3,824
Grand total	26,446	36,752	11,101	9,864

See footnote(s) at end of table.

Table 27.--Stainless steel pipe and tube: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	0	135	5	0
Austria	1,637	4,157	669	1,916
Brazil	0	0	0	0
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	14,405	25,735	6,315	13,696
Finland	0	1	0	0
Hungary	0	0	0	0
Japan	22,587	31,923	10,722	13,102
Mexico	1,654	2,891	435	306
Peoples Rep of China	0	0	0	12
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	1,412	1,255	314	302
Spain	282	1,726	385	1,937
Trinidad and Tobago	0	0	0	0
Venezuela	0	0	0	0
Yugoslavia	0	0	0	0
Total	41,977	67,823	18,845	31,271
Other countries:				
Canada	17,196	24,048	6,021	8,904
Taiwan	9,190	21,308	5,524	2,504
Sweden	12,414	22,285	4,275	5,770
Thailand	0	458	55	316
India	0	17	0	20
Israel	49	77	9	0
Switzerland	168	177	86	46
New Zealand	0	2	0	0
All others	25	0	0	2
Total	39,042	68,372	15,970	17,562
Grand total	81,019	136,195	34,815	48,833

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, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	19	0	0	0
Austria	2,693	2,538	940	796
Brazil	997	1,920	778	658
Czechoslovakia	0	21	0	0
East Germany	0	4	0	0
EC countries	10,302	12,795	4,091	8,347
Finland	22	5	0	0
Hungary	0	0	0	67
Japan	6,077	4,416	1,180	4,542
Mexico	139	346	204	45
Peoples Rep of China	1/	103	0	0
Poland	304	249	20	60
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	0	0	0	0
Korea, Republic of	1,388	779	126	447
Spain	47	30	5	0
Trinidad and Tobago	0	0	0	0
Venezuela	0	0	0	0
Yugoslavia	0	0	0	0
Total	21,988	23,206	7,344	14,962
Other countries:				
Sweden	11,669	12,254	3,973	6,921
Canada	6,868	8,573	2,162	2,592
Argentina	70	42	42	89
India	0	19	0	1/
Switzerland	1/	1/	0	0
Belgium	0	0	0	7
Malaysia	2	0	0	0
Taiwan	1/	0	0	0
Total	18,609	20,888	6,177	9,609
Grand total	40,597	44,094	13,521	24,571

See footnote(s) at end of table.

Table 28.--Alloy tool steel (all forms): U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	31	0	0	0
Austria	5,895	6,561	2,208	1,938
Brazil	1,349	3,560	1,363	1,061
Czechoslovakia	0	33	0	0
East Germany	0	6	0	0
EC countries	18,504	23,173	7,534	10,952
Finland	37	15	0	0
Hungary	0	0	0	30
Japan	12,370	14,883	4,340	5,468
Mexico	142	434	254	87
Peoples Rep of China	4	149	0	0
Poland	454	468	30	115
Portugal	0	0	0	0
Romania	0	0	0	0
Republic of South Africa	0	0	0	0
Korea, Republic of	2,097	1,303	195	508
Spain	54	40	24	0
Trinidad and Tobago	0	0	0	0
Venezuela	0	0	0	0
Yugoslavia	0	0	0	0
Total	40,937	50,625	15,948	20,159
Other countries:				
Sweden	28,049	30,589	9,591	11,018
Canada	9,342	12,019	3,018	3,122
Argentina	122	65	65	78
India	0	16	0	4
Switzerland	2	2	0	0
Belgium	0	0	0	3
Malaysia	1	0	0	0
Taiwan	1	0	0	0
Total	37,517	42,691	12,674	14,225
Grand total	78,454	93,316	28,622	34,384

1/ Less than 0.5 short ton.

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

Table 29.--Total, stainless and alloy tool steel products: U.S. imports for consumption, by principal sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--March 1988	January--March 1989
	Quantity (short tons)			
VRA countries:				
Australia	20	24	1/	1/
Austria	3,368	3,901	1,150	1,185
Brazil	17,456	8,863	2,063	2,165
Czechoslovakia	0	21	0	0
East Germany	0	4	0	0
EC countries	85,998	100,430	26,570	32,965
Finland	8,687	8,780	2,301	902
Hungary	0	0	0	67
Japan	73,238	66,251	18,232	24,562
Mexico	19,741	10,160	3,273	2,911
Peoples Rep of China	26	106	2	4
Poland	375	323	20	300
Portugal	0	0	0	0
Romania	0	18	18	0
Republic of South Africa	0	0	0	0
Korea, Republic of	15,689	12,105	2,798	3,020
Spain	20,193	27,906	5,111	8,722
Trinidad and Tobago	0	138	0	0
Venezuela	0	7	0	0
Yugoslavia	0	17	17	0
Total	244,791	239,054	61,555	76,803
Other countries:				
Canada	45,739	57,153	12,926	17,077
Sweden	42,482	52,761	12,760	14,910
Taiwan	5,484	8,227	2,464	877
India	544	546	89	278
Switzerland	116	270	77	127
Thailand	0	188	26	151
Argentina	181	42	42	138
Honduras	0	19	0	0
Anguilla	0	5	0	0
Israel	65	4	1/	0
All others	167	4	0	1,259
Total	94,778	119,219	28,384	34,817
Grand total	339,569	358,273	89,939	111,620

See footnote(s) at end of table.

Table 29.--Total, stainless and alloy tool steel products: U.S. imports for consumption, by principal sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January--March 1988	January--March 1989
	Value (thousand dollars)			
VRA countries:				
Australia	95	174	21	25
Austria	8,529	12,639	3,033	4,443
Brazil	9,993	12,173	3,417	4,768
Czechoslovakia	0	33	0	0
East Germany	0	6	0	0
EC countries	152,144	223,422	50,893	79,081
Finland	13,461	19,623	4,212	2,672
Hungary	0	0	0	30
Japan	144,150	175,325	42,762	61,401
Mexico	31,955	19,948	4,973	6,582
Peoples Rep of China	108	189	40	12
Poland	470	570	30	541
Portugal	0	0	0	0
Romania	0	30	30	0
Republic of South Africa	0	0	0	0
Korea, Republic of	25,652	26,936	4,712	7,436
Spain	32,952	56,181	10,497	15,936
Trinidad and Tobago	0	202	0	0
Venezuela	0	32	0	0
Yugoslavia	0	22	22	0
Total	419,509	547,505	124,642	182,927
Other countries:				
Canada	68,819	112,639	21,895	38,993
Sweden	93,649	137,391	30,037	38,641
Taiwan	13,631	25,622	6,124	3,432
India	851	1,039	140	636
Switzerland	469	1,434	376	595
Thailand	0	458	55	316
Argentina	323	65	65	166
Honduras	0	35	0	0
Anguilla	0	9	0	0
Israel	134	77	9	0
All others	269	35	0	3,696
Total	178,145	278,804	58,701	86,475
Grand total	597,654	826,309	183,343	269,402

1/ Less than 0.5 short tons

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, 1987, 1988, and by specified periods, 1988 and 1989

(Per short ton)

Item	1987	1988	January-March 1988	January-March 1989
Carbon and certain alloy 1/ steel:				
Semifinished 2/	211	240	219	254
Plate	332	405	372	400
Sheet and strip:				
Hot rolled	308	364	337	391
Cold rolled	449	509	485	559
Galvanized	503	552	527	560
Tin plate	533	567	538	602
Tin free	509	542	515	582
Other coated	528	590	570	598
Average, sheet and strip	433	481	463	515
Bar:				
Hot finished	369	406	388	429
Cold finished	831	598	544	634
Reinforcing	248	262	224	289
Light shapes	315	382	356	355
Average, bar	400	396	374	419
Wire rod	313	347	318	368
Wire	631	691	658	737
Wire products	628	659	635	1,013
Structural shapes and units:				
Heavy structurals	304	376	349	378
Fabricated structurals	898	939	884	1,032
Average, structurals	378	436	414	438
Rails and related products	325	383	401	497
Pipe and tube:				
Oil country tubular goods	536	730	672	759
Line pipe	421	529	475	557
Mechanical pipe	623	675	605	705
Structural pipe	368	507	454	568
Pressure tubing	688	793	743	781
Other (incl. standard)	415	487	448	501
Average, pipe and tube	459	600	546	607
Average, carbon and certain alloy 1/ steel	399	450	424	490

See footnotes at end of table.

Table 30.--Steel mill products and certain fabricated steel products: Unit value of U.S. imports for consumption, 1987, 1988, and by specified periods, 1988 and 1989

(Per short ton)

Item	1987	1988	January-March 1988	January-March 1989
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/	816	1,490	1,352	1,625
Plate	1,766	2,207	1,833	3,051
Sheet and strip:				
Sheet	1,566	2,067	1,674	2,060
Strip	2,555	3,331	2,720	3,196
Average, sheet and strip	1,637	2,149	1,749	2,239
Bars and shapes	1,874	2,296	1,936	2,926
Wire rod	1,747	2,357	1,883	2,988
Wire	3,007	3,642	3,308	4,055
Pipe and tube	3,063	3,706	3,136	4,950
Alloy tool steel (all forms)	1,932	2,116	2,117	1,399
Average, stainless and alloy steel	1,760	2,306	2,038	2,414

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, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January-March 1988	January-March 1989
	Quantity (short tons)			
Carbon and certain alloy 3/ steel:				
Semifinished 2/				
Ingots	103,967	103,282	18,496	9,394
Blooms and billets	426,208	581,907	158,210	137,706
Slabs and sheet bars	1,702,095	2,097,383	595,743	325,879
Total	2,232,270	2,782,572	772,449	472,979
Plate:				
Carbon	1,450,898	1,750,917	458,305	361,607
Alloy	104,678	106,172	28,477	25,878
Total	1,555,577	1,857,090	486,782	387,486
Sheet and strip:				
Hot rolled:				
Sheet	2,123,804	2,199,268	498,544	390,845
Strip	43,197	49,553	10,829	30,205
Cold rolled:				
Black plate	159,779	145,166	36,204	38,793
Electrical	64,822	64,684	16,739	25,195
Other sheet	2,156,348	2,011,242	522,100	368,005
Other strip	135,227	126,534	40,278	31,242
Galvanized	2,306,233	1,948,811	584,236	374,267
Tin plate	332,306	294,552	72,518	91,475
Tin free	101,172	97,460	21,469	28,612
Other coated	323,709	248,111	65,866	67,322
Total	7,746,596	7,185,380	1,868,781	1,445,960
Bar:				
Hot rolled:				
Carbon	443,037	476,951	105,498	108,337
Alloy	160,811	186,902	51,954	39,504
Cold rolled:				
Carbon	152,283	161,345	41,852	34,404
Alloy	40,927	52,093	11,210	13,903
Reinforcing	351,632	357,253	69,623	77,151
Light structural shapes	132,477	126,568	34,292	29,092
Total	1,281,168	1,361,113	314,429	302,391

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, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January-March 1988	January-March 1989
	Quantity (short tons)			
Wire rod and related products:				
Wire rod:				
Carbon	1,341,257	1,355,951	397,051	284,465
Alloy	107,463	118,672	29,915	27,348
Wire:				
Carbon	504,898	486,699	129,861	113,978
Alloy	31,999	33,028	8,012	10,817
Wire products:				
Nails	440,746	364,748	92,403	86,034
Barbed wire	16,643	15,538	5,460	3,952
Wire fencing	13,263	12,052	3,162	11,710
Bale ties	1,719	1,849	463	367
Wire strand	98,898	88,300	22,024	39,890
Wire rope	65,683	77,564	17,259	31,139
Milliners wire	12,426	12,400	4,047	1/
Total	2,634,993	2,566,801	709,657	609,701
Structurals:				
Heavy	1,884,684	1,955,762	482,649	449,026
Fabricated	268,985	232,705	67,114	45,257
Total	2,153,669	2,188,467	549,763	494,283
Rails and related products:				
Rails	213,530	260,006	61,785	68,460
Joint bars and tie plates	13,969	8,487	5,173	7,921
Track spikes	370	205	35	1,934
Wheels and axles	18,120	50,734	10,214	17,950
Total	245,988	319,432	77,206	96,265
Pipes and tubes:				
Oil country tubular goods	594,463	1,032,296	302,168	101,426
Line pipe	526,047	507,914	149,516	107,473
Mechanical pipe	284,807	382,270	114,481	104,503
Structural pipe	428,758	278,870	84,950	92,262
Pressure tubing	27,122	52,100	11,730	17,664
Other (including standard)	887,446	996,487	293,335	188,234
Total	2,748,644	3,249,937	956,180	611,562

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, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January-March 1988	January-March 1989
	Quantity (short tons)			
Stainless and alloy tool steel:				
Stainless:				
Semifinished:				
Ingots	1,106	3,877	45	12
Blooms and billets	48,955	40,772	7,929	12,637
Slabs and sheet bars	6,664	17,758	3,344	5,483
Total	56,725	62,407	11,318	18,131
Plate	11,118	15,847	3,693	4,931
Sheet and strip:				
Sheet:				
Hot rolled	5,179	7,331	1,598	3,249
Cold rolled	114,806	103,577	26,778	26,063
Strip	9,309	7,676	2,196	5,489
Total	129,295	118,584	30,572	34,802
Bars and shapes	37,991	40,724	10,316	8,446
Wire rod	18,311	19,210	4,756	4,732
Wire	19,084	20,653	4,663	6,144
Pipe and tube	26,448	36,752	11,103	9,865
Alloy tool steel (all forms):				
Semifinished 2/	6,880	4,408	893	250
Bars	19,792	28,867	9,023	560
Other	13,927	10,820	3,605	23,761
Total	40,599	44,095	13,520	24,571

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, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January-March 1988	January-March 1989
	Share of product group totals (percent)			
Carbon and certain alloy 3/ steel:				
Semifinished 2/				
Ingots	4.66	3.71	2.39	1.99
Blooms and billets	19.09	20.91	20.48	29.11
Slabs and sheet bars	76.25	75.38	77.12	68.90
Total	100.00	100.00	100.00	100.00
Plate:				
Carbon	93.27	94.28	94.15	93.32
Alloy	6.73	5.72	5.85	6.68
Total	100.00	100.00	100.00	100.00
Sheet and strip:				
Hot rolled:				
Sheet	27.42	30.61	26.68	27.03
Strip	0.56	0.69	0.58	2.09
Cold rolled:				
Black plate	2.06	2.02	1.94	2.68
Electrical	0.84	0.90	0.90	1.74
Other sheet	27.84	27.99	27.94	25.45
Other strip	1.75	1.76	2.16	2.16
Galvanized	29.77	27.12	31.26	25.88
Tin plate	4.29	4.10	3.88	6.33
Tin free	1.31	1.36	1.15	1.98
Other coated	4.18	3.45	3.52	4.66
Total	100.00	100.00	100.00	100.00
Bar:				
Hot rolled:				
Carbon	34.58	35.04	33.55	35.83
Alloy	12.55	13.73	16.52	13.06
Cold rolled:				
Carbon	11.89	11.85	13.31	11.38
Alloy	3.19	3.83	3.57	4.60
Reinforcing	27.45	26.25	22.14	25.51
Light structural shapes	10.34	9.30	10.91	9.62
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, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January-March 1988	January-March 1989
	Share of product group totals (percent)			
Wire rod and related products:				
Wire rod:				
Carbon	50.90	52.83	55.95	46.66
Alloy	4.08	4.62	4.22	4.49
Wire:				
Carbon	19.16	18.96	18.30	18.69
Alloy	1.21	1.29	1.13	1.77
Wire products:				
Nails	16.73	14.21	13.02	14.11
Barbed wire	0.63	0.61	0.77	0.65
Wire fencing	0.50	0.47	0.45	1.92
Bale ties	0.07	0.07	0.07	0.06
Wire strand	3.75	3.44	3.10	6.54
Wire rope	2.49	3.02	2.43	5.11
Milliners wire	0.47	0.48	0.57	1/
Total	100.00	100.00	100.00	100.00
Structurals:				
Heavy	87.51	89.37	87.79	90.84
Fabricated	12.49	10.63	12.21	9.16
Total	100.00	100.00	100.00	100.00
Rails and related products:				
Rails	86.80	81.40	80.03	71.12
Joint bars and tie plates	5.68	2.66	6.70	8.23
Track spikes	0.15	0.06	0.04	2.01
Wheels and axles	7.37	15.88	13.23	18.65
Total	100.00	100.00	100.00	100.00
Pipes and tubes:				
Oil country tubular goods	21.63	31.76	31.60	16.58
Line pipe	19.14	15.63	15.64	17.57
Mechanical pipe	10.36	11.76	11.97	17.09
Structural pipe	15.60	8.58	8.88	15.09
Pressure tubing	0.99	1.60	1.23	2.89
Other (including standard)	32.29	30.66	30.68	30.78
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, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January-March 1988	January-March 1989
	Share of product group totals (percent)			
Stainless and alloy tool steel:				
Stainless:				
Semifinished:				
Ingots	1.95	6.21	0.39	0.07
Blooms and billets	86.30	65.33	70.06	69.70
Slabs and sheet bars	11.75	28.45	29.54	30.24
Total	100.00	100.00	100.00	100.00
Plate	100.00	100.00	100.00	100.00
Sheet and strip:				
Sheet:				
Hot rolled	4.01	6.18	5.23	9.34
Cold rolled	88.79	87.34	87.59	74.89
Strip	7.20	6.47	7.18	15.77
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/	16.95	10.00	6.60	1.02
Bars	48.75	65.47	66.74	2.28
Other	34.30	24.54	26.66	96.70
Total	100.00	100.00	100.00	100.00

1/ Milliners wire is included in total wire products.
2/ Semifinished steel includes ingots, blooms, billets, slabs, and sheet bars.
3/ 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 32.--Steel mill products and certain fabricated steel products: U.S. imports for consumption, by customs areas, 1987, 1988, and by specified periods, 1988 and 1989

(Short tons)

Item	1987	1988	January-March	
			1988	1989
Atlantic Coast	4,673,187	4,743,215	1,530,792	1,188,032
Great Lakes-Canadian border	6,594,724	6,342,613	1,020,291	956,993
Gulf Coast-Mexican border	4,930,247	5,938,464	1,928,532	1,320,282
Off-shore	374,262	403,506	79,449	111,307
Pacific Coast	4,366,056	4,441,267	1,266,123	955,634
Total	20,938,475	21,869,065	5,825,187	4,532,248

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, 1987, 1988, and by specified periods, 1988 and 1989

(Short tons)

Item	1987	1988	January-March 1988	January-March 1989
Carbon and certain alloy 1/ steel:				
Semifinished 2/	384,562	471,964	155,744	114,646
Plate	258,880	331,537	113,828	73,706
Sheet and strip	1,900,352	1,771,637	644,823	448,929
Bars and certain shapes	222,055	220,708	62,040	46,954
Wire rod	310,731	297,606	97,404	75,087
Wire	119,558	108,857	30,942	23,684
Wire products	266,335	220,011	50,946	65,130
Structural shapes and units	581,450	602,240	169,193	170,473
Rails and related products	25,273	36,885	11,794	11,151
Pipe and tube	462,405	523,784	151,438	101,457
Total	4,531,600	4,585,229	1,488,151	1,131,215
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/	15,595	24,249	4,356	6,439
Plate	4,167	6,134	1,223	2,842
Sheet and strip	42,918	45,874	12,774	14,975
Bars and certain shapes	19,945	22,371	6,158	4,914
Wire rod	13,117	13,526	3,641	3,622
Wire	10,357	10,593	2,413	3,388
Pipe and tube	10,147	12,391	3,944	2,586
Tool steel (all forms)	25,340	22,848	8,131	18,050
Total	141,586	157,986	42,641	56,817
Grand Total	4,673,187	4,743,215	1,530,792	1,188,032

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, 1987, 1988, and by specified periods, 1988 and 1989

(Short tons)

Item	1987	1988	January-March 1988	January-March 1989
Carbon and certain alloy 1/ steel:				
Semifinished 2/	498,851	414,978	8,840	16,425
Plate	663,496	723,681	118,536	86,293
Sheet and strip	2,630,195	2,396,464	284,538	260,575
Bars and certain shapes	561,285	625,771	122,784	119,996
Wire rod	565,070	545,070	120,876	117,236
Wire	251,126	253,271	66,601	65,107
Wire products	95,457	83,750	21,325	25,256
Structural shapes and units	566,003	522,423	102,859	71,431
Rails and related products	107,729	179,981	33,011	42,185
Pipe and tube	564,259	488,579	119,254	124,839
Total	6,503,470	6,233,970	998,624	929,342
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/	27,149	34,966	6,595	11,055
Plate	1,971	3,246	318	369
Sheet and strip	34,156	33,923	6,079	7,084
Bars and certain shapes	4,170	4,098	889	247
Wire rod	1,047	661	59	122
Wire	4,794	6,053	1,328	1,542
Pipe and tube	6,134	7,833	2,131	2,151
Tool steel (all forms)	11,832	17,864	4,267	5,081
Total	91,254	108,644	21,667	27,651
Grand Total	6,594,724	6,342,613	1,020,291	956,993

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, 1987, 1988, and by specified periods, 1988 and 1989

(Short tons)

Item	1987	1988	January-March 1988	January-March 1989
Carbon and certain alloy 1/ steel:				
Semifinished 2/	866,421	1,061,770	365,212	203,147
Plate	419,658	567,614	197,740	149,071
Sheet and strip	1,515,043	1,558,244	528,252	398,572
Bars and certain shapes	131,573	137,056	48,825	47,878
Wire rod	257,709	349,946	138,240	67,945
Wire	76,094	64,524	17,438	15,955
Wire products	107,410	105,823	31,403	32,036
Structural shapes and units	473,758	493,074	129,278	114,068
Rails and related products	61,358	64,016	19,535	38,959
Pipe and tube	959,115	1,493,874	439,933	238,113
Total	4,868,139	5,895,942	1,915,855	1,305,743
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/	13,974	3,131	336	638
Plate	2,714	3,233	1,426	1,304
Sheet and strip	29,042	16,038	5,358	6,107
Bars and certain shapes	5,951	6,668	1,824	1,453
Wire rod	1,117	1,220	141	360
Wire	1,350	606	208	284
Pipe and tube	6,665	10,896	3,093	4,111
Tool steel (all forms)	1,295	730	291	283
Total	62,108	42,523	12,677	14,539
Grand Total	4,930,247	5,938,464	1,928,532	1,320,282

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, 1987, 1988, and by specified periods, 1988 and 1989

(Short tons)

Item	1987	1988	January-March 1988	January-March 1989
Carbon and certain alloy 1/ steel:				
Semifinished 2/	0	3/	0	0
Plate	6,693	13,906	2,160	2,565
Sheet and strip	90,238	72,445	15,727	16,149
Bars and certain shapes	164,360	157,820	30,641	54,660
Wire rod	11,940	16,953	1,954	45
Wire	11,147	14,739	3,804	3,063
Wire products	7,285	10,190	2,312	1,133
Structural shapes and units	22,499	21,786	4,557	13,907
Rails and related products	445	88	0	185
Pipe and tube	58,545	93,829	17,853	18,937
Total	373,151	401,758	79,007	110,645
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/	0	0	0	0
Plate	0	3/	0	0
Sheet and strip	1	0	0	0
Bars and certain shapes	0	15	0	3/
Wire rod	0	0	0	0
Wire	1,074	1,690	401	348
Pipe and tube	36	42	42	18
Tool steel (all forms)	0	0	0	295
Total	1,111	1,748	443	662
Grand Total	374,262	403,506	79,449	111,307

1/ Certain alloy refers to alloy steel other than stainless or tool steel.
2/ Semifinished steel includes ingots, blooms, billets, slabs, and steel bars.
3/ Less than 0.5 short tons.

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, 1987, 1988, and by specified periods, 1988 and 1989

(Short tons)

Item	1987	1988	January-March 1988	January-March 1989
Carbon and certain alloy 1/ steel:				
Semifinished 2/	482,436	833,859	242,653	138,761
Plate	206,851	220,352	54,517	75,850
Sheet and strip	1,610,768	1,386,590	395,441	321,736
Bars and certain shapes	201,894	219,758	50,139	32,903
Wire rod	303,270	265,048	68,493	51,501
Wire	78,972	78,336	19,089	16,986
Wire products	172,890	152,677	38,832	49,538
Structural shapes and units	509,959	548,943	143,876	124,405
Rails and related products	51,183	38,461	12,867	3,786
Pipe and tube	704,321	649,871	227,702	128,216
Total	4,322,545	4,393,893	1,253,610	943,681
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/	7	61	30	0
Plate	2,266	3,233	726	415
Sheet and strip	23,178	22,749	6,362	6,636
Bars and certain shapes	7,925	7,573	1,444	1,832
Wire rod	3,030	3,803	914	628
Wire	1,508	1,711	313	582
Pipe and tube	3,465	5,590	1,893	998
Tool steel (all forms)	2,132	2,653	831	862
Total	43,511	47,373	12,514	11,953
Grand Total	4,366,056	4,441,267	1,266,123	955,634

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 and which contains by weight 2 percent or less of carbon. Steel may contain other elements, but iron must predominate, by weight, over each of the other elements.

2. Carbon steel.--Steel , other than chromium, which contains by weight 2 percent or less of carbon, and in which none of the elements listed below meets or 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
0.40 percent of copper, or
0.30 percent of aluminum, or
0.30 percent of chromium, or
0.30 percent of cobalt, or
0.40 percent of lead, or
0.30 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 1.2 percent or less of carbon and 10.5 percent or more of chromium, with or without other elements.

(ii) Tool steel.--Alloy steel which contains the combinations of elements in the quantity, by weight, respectively indicated in Chapter XXII, subchapter III, section (viii) of the Harmonized Tariff Schedule of the United States (HTS). (See appendix B).

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

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.

Unlike the TSUSA system of classification, the HTS do not differentiate by dimension those steel products formerly referred to as blooms and billets, slabs and sheet bars, plate, sheet, and strip. Instead, these products are included in two larger categories: flat rolled and semifinished (described below). However, for purposes of comparability with previous Monthly Reports, and in the interest of providing useful information and coverage of the steel industry, this report will continue to designate such product categories (e.g. blooms and billets, slab and sheet bars, plate, hot-rolled and cold rolled sheet, and strip). A partial basis for classification are those definitions found in Federal Register Notice 52897, December 29, 1988 (Appendix C).

9. Semifinished products include:

Continous cast products of solid section, not presented in coils, whether or not subjected to primary hot-rolling.

Other products of solid section which have not been further worked than subjected to primary hot-rolling or roughly shared by forging, including blanks, angles, shapes, or sections.

For the purposes of this legislation semi-finished products are classified as follows:

(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.

(A) Carbon and certain alloy ingots; provided for in items 7206.10.0000, 7206.90.0000, 7224.10.0090 of the Harmonized Tariff Schedules of the United States (HTS).

(ii) Blooms billets, slabs, and sheet bars.--Other continuous cast products solid cross section, which have not been further worked than subjected to primary hot-rolling or roughly shaped by forging including blanks for angles, shapes or sections. These products are not presented in coils and are included in AISI product group No. 1B.

(B) Carbon and certain alloy blooms and billets; provided for in items 7207.11.0000, 7207.12.0010, 7207.19.0030, 7207.19.0090, 7207.20.0025, 7207.20.75, 7207.20.0090, 7224.90.0040, 7224.90.0060, 7224.90.0070 of the HTS.

(C) Carbon and certain alloy slabs and sheet bars; provided for in items 7207.12.0050, 7207.20.0045, 7224.90.0050, 7224.90.0070 of the HTS.

(D) Stainless steel ingots; provided for in item 7218.10.0000 of the HTS.

(E) Stainless steel blooms and billets; provided for in items 7218.90.0010, 7218.90.0020, 7218.90.0030, 7218.90.0045, 7218.90.0055, 7218.90.0065, 7218.90.0070, 7218.90.0080 and 7218.90.0090 of the HTS.

(F) Stainless steel slabs and sheet bars; provided for in item 7218.90.0035 of the HTS.

10. Flat-rolled products.--Rolled products of solid rectangular (other than square) cross section, whether perforated, corrugated, polished, or with a pattern derived from rolling, which do not conform to the definition of semifinished products above in the form of:

- coils of successively superimposed layers, or
- straight lengths, which if of a thickness less than 4.75 mm are of a width measuring at least 10 times the thickness or if of a thickness of 4.75 mm or more are of a width which exceeds 150 mm and measures at least twice the thickness. Also those products of a shape other than rectangular or square of a width of 600 mm or more, not elsewhere specified.

(i) Plates.--Flat rolled products whether or not corrugated or crimped, in coils or cut to length. Plates are 4.7625 mm inch or more in thickness and, if not cold rolled, over 20.32 cm in width, or if cold rolled, over 30.45 cm in width. Plates are included in AISI product group No. 6. For the purposes of this investigation, plates are classified as follows:

(A) Carbon plate; provided for in items 7208.11.0000, 7208.12.0000, 7208.21.1000, 7208.21.5000, 7208.22.1000, 7208.22.5000, 7208.31.0000, 7208.32.0000, 7208.33.1000, 7208.33.5000, 7208.41.0000, 7208.42.0000, 7208.43.0000, 7210.90.1000, 7211.11.0000, 7211.12.0000, 7211.21.0000, 7211.22.0045, 7211.22.0090 of the HTS.

(B) Alloy plate; provided for in items 7225.30.3000, 7225.40.3000, 7225.50.6000, 7226.91.5000 of the HTS.

(C) Stainless steel plate; provided for in items 7219.11.0000, 7219.12.0000, 7219.21.0000, 7219.22.0000, 7219.31.0010, 7220.11.0000 of the HTS.

(ii) Sheets and strip.--Flat rolled products whether or not corrugated or crimped, in coils or cut to length. Sheet is less than 4.7625 mm in thickness and over 30.48 cm inches in width. Strip is less than 4.7625 mm in thickness, not over 30.48 cm in width and, if cold rolled, over 1.27 cm 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:

(A) Hot-rolled carbon and alloy sheet--provided for in items 7208.13.1000, 7208.13.1350, 7208.14.1000, 7208.14.5000, 7208.23.1000, 7208.23.5030, 7208.23.5090, 7208.24.1000, 7208.24.5030, 7208.24.5090, 7208.34.1000, 7208.34.5000, 7208.35.1000, 7208.35.5000, 7208.44.0000, 7208.45.0000, 7225.30.7000, 7225.40.7000 of the HTS.

(B) Hot-rolled carbon and alloy strip; provided for in items 7211.19.1000, 7211.19.5000, 7211.29.1000, 7211.29.3000, 7211.29.5000, 7211.297030, 7211.29.7060, 7211.29.7090, 7226.91.7000 and 7226.91.8000 of the HTS.

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

(a) Black plate; provided for in item 7209.24.1000 of the HTS.

(b) Electrical sheet and strip; provided for in items 7225.10.0000, 7226.10.1000, 7226.10.5030, 7226.10.5060 of the HTS.

(c) Other sheet; provided for in items 7209.11.0000, 7209.12.0030, 7209.12.0090, 7209.13.0030, 7209.13.0090, 7209.14.0030, 7209.14.0090, 7209.21.0000, 7209.22.0000, 7209.23.0000, 7209.24.5000, 7209.31.0000, 7209.32.0000, 7209.33.0000, 7209.34.0000, 7209.41.0000, 7209.42.000, 7209.43.0000, 7209.44.0000, 7210.70.3000, 7225.50.7000, 7225.50.8000 of the HTS.

(d) Other strip; provided for in items 7211.30.1030, 7211.30.1090, 7211.30.3000, 7211.30.5000, 7211.41.1000, 7211.41.3030, 7211.41.3090, 7211.41.5000, 7211.41.7030, 7211.41.7060, 7211.41.7090, 7211.49.1030, 7211.49.1090, 7211.49.3000, 7211.49.5030, 7211.49.5060, 7211.49.5090, 7212.40.1000, 7212.40.5000, 7226.92.5000, 7226.92.7000, 7226.92.8000, 7226.99.0000 of the HTS.

(D) Galvanized sheet and strip; provided for in items 7210.31.0000, 7210.39.0000, 7210.41.0000, 7210.49.0030, 7210.49.0090, 7210.70.6060, 7212.21.0000, 7212.29.0000, 7212.30.1030, 7212.30.1090, 7212.30.3000, and 7212.30.5000 of the HTS.

(E) Tin plate; provided for in items 7210.11.0000, 7210.12.0000, and 7212.10.0000 of the HTS.

(F) Tin free; provided for in item 721.50.0000 of the HTS.

(G) Other metalic coated; provided for in items 7210.20.0000, 7210.60.0000, 7210.70.6090, 7210.90.6000, 7210.90.90000, 7212.50.0000, and 7212.60.0000 of the HTS.

(H) Stainless steel hot-rolled sheet; provided for in items 7219.13.0030, 7219.13.0060, 7219.14.0030, 7219.14.0060, 7219.23.0030, 7219.23.0060, 7219.24.0030, and 7219.24.0060 of the HTS.

(I) Stainless steel cold-rolled sheet; provided for in items 7219.32.0015, 7219.32.0030, 7219.32.0045, 7219.32.0060, 7219.33.0010, 7219.33.0015, 7219.33.0030, 7219.33.0045, 7219.33.0060, 7219.34.0010, 7219.34.0050, 7219.35.0010, and 7219.35.0050 of the HTS.

(J) Stainless steel strip; provided for in items 7220.12.1000, 7220.12.5000, 7220.20.1000, 7220.20.6000, 7220.20.7000, 7220.20.8000, 7220.20.9000, 7220.90.0000 of the HTS.

11. Bars.-- Hot-rolled products whether or not in irregularlly wound coils, which have a solid cross section along their length in the shape of circles, segments of circles, ovals,rectangles (including squares), triangles, or other convex polygons. Such products may

- have indentations, ribs, grooves or other deformations produced during the rolling process (reinforcing bars and rods);
- be twisted after rolling

For purposes of this investigation the term "bars" also includes hollow drill steel, which is a hollow product suitable for making mining drills or mining drill rods, of which the greatest external dimension of the cross-section exceeds 15 mm but does not exceed 52 mm, and of which the greatest internal dimension does not exceed one-half of the greatest external dimension. Bars and hollow drill steel are found in AISI product groups nos. 14, 14A, 15, and 16.

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

(i) Hot-rolled carbon bars; provided for in items 7213.390060, 7213.49.0060, 7213.50.0060, 7214.10.0000, 7214.30.0000, 7214.40.0010, 7214.40.0030, 7214.40.0050, 7214.50.0010, 7214.50.0030, 7214.50.0050, 7214.60.0010, 7214.60.0030, 7214.60.0050, and 7215.90.1000 of the HTS, and included in AISI product group No. 14.

(ii) Hot-rolled alloy bars; provided for in items 7227.20.0000, 7227.90.6000, 7228.20.1000, 7228.30.8000, 7228.40.0000, 7228.60.6000, 7228.80.0000 of the HTS, and included in AISI product group No. 14.

(iii) Cold-formed carbon bars; provided for in items 7215.100000, 7215.20.0000, 7215.30.0000, 7215.40.0000 7215.90.3000 and 7215.90.5000 of the HTS, and included in AISI product group No. 16.

(iv) Cold-formed alloy bars; provided for in items 7228.20.5000, 7228.50.5000, and 7228.60.8000 of the HTS, 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 7213.10.0000 and 7214.20.0000 of the HTS, 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 7.62 cm provided for in items 7216.10.0010, 7216.10.0050, 7216.21.0000, 7216.22,0000, 7228.70.3060, and 7228.70.3080 of the HTS, and included in AISI product group No. 14A.

(vii) Stainless steel bars and shapes; provided for in items 7221.10.0000, 7221.00.0060, 7221.00.0080, 7222.20.0030, 7222.20.0060, 7222.30.0000 7222.40.3060, 7222.40.3080 of the HTS.

12. 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 14mm nor over 19mm 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 7213.31.3000, 7213.31.6000, 7213.39.0030, 7213.39.0090, 7213.41.3000, 7213.41.6000, 7213.49.0030, 7213.49.0090, 7213.50.0020, 7213.50.0040 and 7213.50.0080 of the HTS.

(B) Alloy steel wire rod; provided for in items 7227.20.0000, and 7227.90.6000 of the HTS.

(C) Stainless steel wire rod; provided for in items 7221.00.0020 and 7721.00.0040 of the HTS.

(ii) Steel wire.--Cold-formed products in coils, of any uniform solid cross section along their whole length, which do not conform to the definition of flat-rolled products. Steel wire is included in AISI product group No. 23.

For the purpose of this legislation, steel wire is classified as follows:

(A) Carbon steel wire; provided for in items 7217.11.1000, 7217.11.2000, 7217.11.3000, 7217.11.5020, 7217.11.5040, 7217.11.5060, 7217.11.5080, 7217.11.7030, 7217.11.7090, 7217.11.9000, 7217.12.1000, 7217.12.3030, 7217.12.3060, 7217.12.5000, 7217.12.7000, 7217.13.1000, 7217.13.3030, 7217.13.3060, 7217.13.5000, 7217.13.7000, 7217.19.5000, 7217.21.1000, 7217.21.3015, 7217.21.3030, 7217.31.3045, 7217.31.3060, 7217.21.3045, 7217.21.3060, 7217.21.3075, 7217.21.3090, 7217.21.5000, 7217.22.1015, 7217.22.1030, 7217.22.1050, 7217.22.5000, 7217.23.1015, 7217.23.1030, 7217.23.1050, 7217.23.5000, 7217.29.5000, 7217.31.1000, 7217.31.3015, 7217.31.3030, 7217.31.3045, 7217.31.3060, 7217.31.3075, 7217.31.3090, 7217.31.5000, 7217.32.1015, 7217.32.1030, 7217.32.1050, 7217.32.5000, 7217.33.1015, 7217.33.1030, 7217.33.1050, 7217.33.5000, and 7217.39.5000 of the HTS.

(B) Alloy steel wire; provided for in items 7229.20.000, 7229.90.1000, 7229.90.5015, 7229.90.5030, 7229.90.5050, 7229.90.9000 of the HTS.

(C) Stainless steel wire; provided for in items 7223.00.1015. 7223.00.1030, 7223.00.1045, 7223.00.1060, 7223.00.1075, 7223.00.5000, and 7223.00.9000 of the HTS.

(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 7317.00.1000, 7317.00.5505, 7317.00.5510, 7317.00.5520, 7317.00.5530, 7317.00.5540, 7317.00.5550, 7317.00.5560, 7317.00.5570, 7317.00.5580, and 7317.00.5590, 7317.00.7500, and 8305.20.0000 of the HTS. Nails and staples, are included in AISI product group No. 51 (pt.).

(B) Barbed wire is a wire, or strand of twisted wires, armed with barbs or sharp points; as provided for in item 7313.00.0000 of the HTS. Barbed wire is included in AISI product group No. 52.

(C) Wire expanded metal, grill and fencing include whether or not galvanized wholly of round wire with a maximum cross-sectional diameter of 3 mm or more, having a mesh size of 100 cm^3 or more, whether or not such wire is covered with plastics; as provided for in items 7314.20.0000, 7314.30.1000 7314.30.5000, 7314.41.1000 7314.42.0000, 7314.49.3000 7314.49.6000, and 7314.50.0000 of the HTS. The products are included in AISI product group No. 50.

(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 item 7326.20.0010 of the HTS and included in AISI product group No. 53.

(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 7312.10.1030, 7312.10.1060, 7312.10.3005, 7312.10.3015, 731.10.3045 7312.10.3065, 7312.10.3075, and 7312.10.3090 of the HTS. Wire strand is included in AISI product group No. 41.

(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 7312.10.6000, 7312.10.8000, 7312.10.9030, 7312.10.9060, and 7312.10.9090 of the HTS. Wire ropes, cables, and cordage are included in AISI product group No. 47.

13. Structurals.--Nontubular products not conforming completely to the respective specifications set forth in the HTS for semi-finished, flat-rolled, bars and rod or wire.

(i) Heavy structural shapes having a maximum cross-sectional dimension of 7.62 cm or more, and sheet piling; as provided for in items 7216.31.0000, 7216.32.0000, 7216.33.0030, 7216.33.0060, 7216.33.0090, 7216.40.0010, 7216.40.0050, 7216.50.0000, 7222.40.3020, 7222.40.3040, 7228.70.3020, 7228.70.3040, and 7301.10.0000 of the HTS and are included in AISI product group 4.

(ii) Fabricated structural units, which include columns, pillars, posts, beams, girders, and similar structural units; as provided for in items 7216.60.0000, 7216.90.0000, 7222.40.6000, 7228.70.6000, 7301.20.1000, 7301.20.5000, 7308.10.0000, 7308.20.0000, 7308.40.0000, 7308.90.3000, 7308.90.6000, 7308.90.9030, 7308.90.9090, 8430.49.4000 of the HTS. These products, are included in AISI product group No. 38 and 39.

14. 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 7302.10.5000, 7302.10.1020, 7302.10.1040, 7302.10.1060, and 7302.10.1080 of the HTS. Rails are included in AISI product group Nos. 7, 8 and 41.

(ii) Joint bars are hot-rolled steel products, usually punched or slotted, designed to connect the ends of adjacent rails in track; tie plates ar hot-rolled steel products which are punched to provide holes for spikes and hav 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 7302.20.0000, 7302.30.0000, 7302.40.0000, 7302.90.0000 of the HTS. Joint bars and tie plates are included in AISI product group Nos. 9 and 42.

(iii) Railway track spikes, of one piece construction, used to secure tie plates or ties; as provided for in item 7317.00.6530, 7317.00.6560 of the HTS. Railway track spikes are included in AISI product group No. 51 (pt.).

(iv) Railroad and railway (RR) axles and wheels, parts thereof, and axle bars; as provided for in items 8607.19.1000, 8607.19.2000 of the HTS. These articles are included in AISI product group No. 43.

15. 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 7304.20.1000, 7304.20.2000, 7304.20.3000, 7304.20.4000, 7304.20.5010, 7304.20.5050, 7304.20.6010, 7304.20.6050, 7304.20.7000, 7304.20.8000, 7305.20.2000, 7305.20.4000, 7305.20.6000, 7305.20.8000, 7306,20.1030, 7306.20.1090, 7306.20.2000, 7306.20.3000, 7306.20.4000, 7306.20.6010, 7306.20.6050, 7306.20.8010, 7306.20.8050 of the HTS. Oil country tubular goods are included in AISI product group No. 19.

(ii) Line pipe; provided for in items 7304.101020, 7304.10.1050, 7304.10.1080, 7304.10.5020, 7304.10.5050, 7304.10.5080, 7305.11.1030, 7305.11.1060, 7305.11.5000, 7305.12.1030, 7305.12.1060, 7305.12.5000, 7305.19.1030, 7305.19.1060, 7305.19.5000, 7306.10.1010, and 7306.10.1050 7306.10.5010, 7306.10.5050 of the HTS. Line pipe is included in AISI product group No. 20.

(iii) Mechanical pipe; provided for in items 7304.31.3000, 7304.31.6050, 7304.39.0050, 7304.39.0075, 7304.51.5000, 7304.51.5090, 7304.59.1000, 7304,59.6000, 7304.59.8000, 7304.90.5000, 7304.90.7000, 7306.30.1000, 7306.30.5015, 7306.30.5020, 7306.30.5035, 7306.3.5060, 7306.30.5075, 7306.50.1000, 7306.50.5030, 7306.50.5050, 7306.50.5070, 7306.60.5000, 7306.60.7000 of the HTS. Mechanical pipe is included in AISI product group 21A.

(iv) Structural pipe; provided for in items 7304.90.1000, 7304.903000, 7305.312000, 7305.31.4000, 7305.31.6000, 7306.30.3000, 7306.50.3000, 7306.60.1000, and 7306.60.3000 of the HTS. Structural pipe is included in AISI product category 22A.

(v) Pressure tubing; provided for in items 7304.31.6010, 7304.39.0005, 7304.51.5030, 7304.51.5050, 7304.59.2030, 7304.59.2050, 7306.30.5010 and 7306.50.5010 of the HTS. Pressure tubing is included in AISI product category 21B.

(vi) Stainless steel pipes and tubes; provided for in items 7304.41.0010, 7304.41.0050, 7304.49.0010, 7304.49.0030, 7304.49.0050, 7306.40.1000, 7306.40.5010, 7306.40.5030, 7306.40.5050, and 7306.40.5070 of the HTS. Stainless steel pipes and tubes are included in AISI product categories 21C and D.

(vii) Other, including standard; provided for in items 7304.39.0015, 7304.39.0030, 7304.39.0040, 7304.39.0070, 7304.39.0090, 7305.31.4000, 7305.39.1000, 7305.39.5000, 7305.90.1000, 7305.90.5000, 7306.30.5025, 7306.30.5030, 7306.30.5040, 7306.30.5050 and 7306.30.5065, 7306.30.5070, 7306.90.1000, 7306.90.5000 of the HTS. Other, including standard pipe is included in AISI product categories 18, 21E and 22B.

16. Alloy tool steel (all forms) provided for in items 7224.10.0030, 7224.90.0010, 7224.90.0020, 7224.90.0030, 7225.20.0000, 7225.30.1000, 7225.30.5030, 7225.30.5060, 7225.40.1015, 7225.40.1090, 7225.40.5030, 7225.40.5060, 7225.50.1030, 7225.50.1060, 7226.20.0000, 7226.91.1030, 7226.91.1060, 7226.91.3030, 7226.91.3060, 7226.92.1030, 7226.92.1060, 7226.92.3030, 7226.92.3060, 7227.10.000, 7227.90.1030, 7227.90.1060, 7227.90.2030, 7227.90.2060, 7228.10.0010, 7228.10.0030, 7228.10.0060, 7228.30.2000, 7228.30.4000, 7228.30.6000, 7228.50.1010, 7228.50.1020, 7228.50.1040, 7228.50.1060, 7228.50.1080, 7228.60.1030, 7228.60.1060, and 7229.10.0000 of the HTS. 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 1(h) of chapter 72 of the HTS, which is commonly referred to as bearing steel, is included with "certain alloy" products.

Appendix B

Definitions of Certain Specialty Steels Including Alloy Tool Steel

HARMONIZED TARIFF SCHEDULE of the United States

Annotated for Statistical Reporting Purposes

SUBCHAPTER III

TEMPORARY MODIFICATIONS ESTABLISHED PURSUANT TO TRADE LEGISLATION

U.S. Notes

1. This subchapter contains the temporary modifications of the provisions in the tariff schedule established pursuant to trade legislation. Unless otherwise stated, the modified provisions are effective until suspended or terminated. Unless the context requires otherwise, any article described in the provisions of this subchapter, for which rates of duty are herein provided, if entered during the period specified, is subject to duty at the rate set forth herein in lieu of the rate provided therefor in chapters 1 to 98.

2. For the purposes of subheadings 9903.17.05 through 9903.17.30, inclusive, the term "product of the European Economic Community" refers to products of the member states of this instrumentality which includes Belgium, Denmark, France, the Federal Republic of Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal, Spain and the United Kingdom.

3. For the purposes of subheadings 9903.41.05 and 9903.41.10, the duties provided for in this subchapter are cumulative duties which apply in addition to the duties otherwise imposed on the articles involved.

4. Additional duties and quantitative limitations on certain stainless steel and alloy tool steel.--The provisions of this note apply to subheadings 9903.72.00 through 9903.72.44 of this subchapter. The duties provided for in subheadings 9903.72.00 and 9903.72.01 and the quantitative limitations set forth in subheadings 9903.72.10 through 9903.72.34 are in addition to the duties provided for the subject articles in chapter 72 or in subheading 9808.00.30, where applicable.

   (a) Definitions.--For the purposes of this subchapter:

      (i) The term "restraint period" refers to a period provided for in the article description column for subheadings 9903.72.10 through 9903.72.34;

      (ii) The terms "razor blade steel" and "chipper knife steel" are defined as provided in additional U.S. notes 1(d) and 1(f), respectively, to chapter 72;

      (iii) The term "band saw steel" refers to alloy tool steel which contains, in addition to iron, each of the following elements by weight in the amounts specified:

         (A) carbon: not less than 0.47 nor more than 0.53 percent;

         (B) manganese: not less than 0.6 nor more than 0.9 percent;

         (C) sulfur: none, or not more than 0.015 percent;

         (D) phosphorus: none, or not more than 0.025 percent;

         (E) silicon: not less than 0.1 nor more than 0.25 percent;

         (F) chromium: not less than 0.9 nor more than 1.1 percent;

         (G) nickel: not less than 0.5 nor more than 0.7 percent;

         (H) molybdenum: not less than 0.9 nor more than 1.1 percent; and

         (IJ) vanadium: not less than 0.08 percent nor more than 0.15 percent;

      (iv) The term "cladding grade 434 stainless steel flat-rolled products" refers to stainless steel flat-rolled products, not under 1.397 mm and not over 1.651 mm in thickness, not under 64.77 cm and not over 66.675 cm 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;

      (v) The term "stainless steel of the type described in U.S. note 4(a)(v) to this subchapter" 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:

         (A) carbon: not more than 0.02 percent;
         silicon: not less than 0.2 percent nor more than 0.8 percent;
         manganese: not less than 0.2 percent nor more than 1 percent;
         chromium: not less than 19.5 percent nor more than 20.5 percent;
         nickel: not less than 17.5 percent nor more than 18.5 percent;
         molybdenum: not less than 6 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 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 0.1 percent;
silicon: not less than 1.4 percent nor more than 2 percent;
manganese: not less than 0.2 percent nor more than 0.8 percent;
chromium: not less than 20 percent nor more than 22 percent;
nickel: not less than 10 percent nor more than 12 percent;
nitrogen: not less than 0.14 percent nor more than 0.2 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 flat-rolled products not over 1.27 mm in thickness and not over 30.48 cm in width, 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 flat-rolled products not over 1.27 mm in thickness and not over 30.48 cm in width containing by weight not less than 0.5 percent carbon and not less than 5.5 percent 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 described in U.S. note 4(a)(viii) to this subchapter" 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 following 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 0.9 percent;
chromium: not less than 0.9 percent nor more than 1.8 percent;
nickel: less than 0.35 percent;
copper: less than 0.35 percent;
molybdenum: less than 0.1 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 0.9 percent nor more than 1.2 percent;
nickel: not more than 0.25 percent;
copper: not more than 0.35 percent;
molybdenum: not more than 0.08 percent;

(C) carbon: not less than 0.85 percent nor more than 1 percent;
manganese: not less than 1.4 percent nor more than 1.7 percent;
sulfur: not more than 0.025 percent;
phosphorus: not more than 0.025 percent;
silicon: not less than 0.5 percent nor more than 0.8 percent;
chromium: not less than 1.4 percent nor more than 1.8 percent;
nickel: not more than 0.25 percent;
copper: not more than 0.35 percent;
molybdenum: not more than 0.08 percent;

(D) carbon: not less than 0.95 percent nor more than 1.1 percent;
manganese: not less than 0.65 percent nor more than 0.9 percent;
sulfur: not more than 0.025 percent;
phosphorus: not more than 0.025 percent;
silicon: not less than 0.2 percent nor more than 0.35 percent;
chromium: not less than 1.1 percent nor more than 1.5 percent;
nickel: not more than 0.25 percent;
copper: not more than 0.35 percent;
molybdenum: not less than 0.2 percent nor more than 0.3 percent;

(E) carbon: not less than 0.95 percent nor more than 1.1 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 0.2 percent nor more than 0.35 percent;
chromium: not less than 1.1 percent nor more than 1.5 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 0.6 percent; or

(F) carbon: not less than 0.92 percent nor more than 1.02 percent;
manganese: not less than 0.25 percent nor more than 0.4 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 0.4 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 0.4 percent;
aluminum: not more than 0.05 percent;

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.

(ix) The term "stainless steel of the type described in U.S. note 4(a)(ix) to this subchapter" refers to stainless steel which contains by weight less than 1 percent carbon and over 11.5 percent chromium.

(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 Federal Register.

(c) Carryover.--Whenever the quota quantity specified for any of the individually named countries for an item has not been entered during any semi-annual restraint period, entry may be made during the subsequent semi-annual restraint period of an amount up to 20 percent (10 percent in the case of shortfalls occurring in the second semi-annual restraint period in any quota 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 thereof.

(d) Exceeding restraint levels.--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 the first semi-annual restraint period in any quota year, by not more than 3 percent in the second semi-annual restrain period in any quota year and shall not be exceeded in the period from July 20, 1989 through September 30, 1989. If a quota quantity is exceeded during a restraint period, a downward adjustment of the corresponding quota quantity for the next semi-annual restraint period in the absolute amount the preceding restraint level was exceeded shall be made.

(e) Adjustments.--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.

(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.

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

(i) The duties provided for in subheadings 9903.72.00 and 9903.72.01 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. The duties provided for in subheadings 9903.72.00 and 9903.72.01 shall not apply to products of Trinidad and Tobago exported to the United States on or after October 15, 1987.

(ii) The quantitative limitations provided for in subheadings 9903.72.10 through 9903.72.24, inclusive, shall not apply to products of 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.

(iii) The quantitative limitations provided for in subheadings 9903.72.30 through 9903.72.34, inclusive, 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.

(h) Regarding shipments of mold blocks from Canada into the United States:

(i) The term "mold blocks" refers to products of either stainless steel bar or alloy tool steel whose chemistry meets that of either H13 hot-work tool steel forged bars, P20 mold steel forged bars, or hardenable Cr stainless steel 420 forged bars, as defined in subparagraphs (a), (b), and (c) below:

(A) "H13 hot-work tool steel forged bars" refers to forged bars of the alloy tool steel grade containing by weight, in addition to iron, not less than 0.32 percent nor more than 0.45 percent carbon; not less than 4.75 percent nor more than 5.50 percent chromium; not less than 0.20 percent nor more than 0.5 percent manganese; not less than 1.10 percent nor more than 1.75 percent molybdenum; not more than 0.030 percent phosphorous; not more than 0.030 percent sulfur; not less than 0.80 percent nor more than 1.20 percent silicon; and not less than 0.80 percent nor more than 1.20 percent vanadium.

(B) "P20 mold steel forged blocks" refers to forged bars of the alloy tool steel grade containing by weight, in addition to iron, not less than 0.28 percent nor more than 0.40 percent carbon; not less than 1.40 percent nor more than 2.00 percent chromium; not less than 0.60 percent nor more than 1.00 percent manganese; not less than 0.30 percent nor more than 0.55 percent molybdenum; not more than 0.030 percent phosphorous; not more than 0.030 percent sulfur; and not less than 0.20 percent nor more than 0.80 percent silicon.

(C) "Hardenable Cr Stainless Steel 420 forged bars" refers to stainless steel forged bars containing by weight over 0.15 percent carbon; not less than 12.00 percent nor more than 14 percent chromium; not more than 1.00 percent manganese; not more than 0.040 percent phosphorous; not more than 0.030 percent sulfur; not more than 1.00 percent silicon.

(ii) Mold blocks may only be forged bars of P20 mold steel, forged bars of H13 hot-work tool steel, and hardenable Cr stainless steel 420 forged bars of Canadian origin which are used in the United States to produce plastic injection molds, die-casting molds, and metal forming dies for automotive components. If rectangular, these bars must be between 10.16 and 101.6 cm in thickness and between 33.02 and 182.88 cm in width. Round bars of these steels must be between 20.32 and 60.96 cm in diameter. The rectangular bars must be machined on four faces at 90 degrees. In addition, one surface must be machined not to exceed 250AA roughness height (250 R.M.S. value), and surfaces must be perpendicular within 0.1588 cm. The round bars must be machined on both end faces, and their periphery must be machined not to exceed 250AA roughness height (250 R.M.S. value).

(iii) In order for the product to be considered a mold block, the Canadian government and the importer must certify that the product meets the requirements set forth in subparagraphs (i) and (ii) above. The Canadian government will certify that the tonnage in the shipment, when added to other such certified shipments during the same restraint period, does not exceed the tonnage allowed under subheading 9903.72.40, 9903.72.42, or 9903.72.44, as appropriate. Such certification must be endorsed by the competent Canadian government authorities and presented to U.S. Customs at the time of entry into the United States.

(iv) The Government of the United States will allow entry of such mold blocks only to the extent that the quantity of mold blocks entered does not exceed the quantities set forth in subheadings 9903.72.40, 9903.72.42, and 9903.72.44, respectively. Entries in excess of such quantity will be subject to the restraint levels described in subheadings 9903.72.10, 9903.72.12, 9903.72.14, 9903.72.30, 9903.72.32, and 9903.72.34, as appropriate.

5. Quantitative limitations on certain tungsten articles.--The provisions of this note apply to subheadings 9903.28.05 through 9903.28.25, inclusive. The limitations imposed are in addition to the duties provided for the restrained articles in chapter 28 or in chapter 98, where applicable. The quantitative limitations shall include imports entered, or withdrawn from warehouse for consumption, informal entries, temporary imports under bond, and imports under chapter 98.

(a) Definitions.--For purposes of this subchapter--

(i) the term "tungsten articles" means ammonium paratungstate provided for in subheading 2841.80 and tungstic acid provided for in subheading 2825.90.50;

(b) Export certificate.--Effective January 1, 1988, none of the tungsten articles provided for herein that are exported from the People's Republic of China (the PRC) shall be entered, or withdrawn from warehouse for consumption, unless such tungsten articles are accompanied by a validated export certificate issued by the competent authority of the Government of the People's Republic of China;

(c) Carryover.--Whenever the specified limit of imports has not been entered during a period, an amount not to exceed 5 percent (except that the United States Trade Representative may by prior determination permit a carryover of greater than 5 percent) of the limit specified in the period in which the shortfall occurred may be entered in the subsequent period.

(d) Exceeding restraint levels.--The USTR may by Federal Register notice authorize an increase in the specified limits of imports by not more than 10 percent during any period, except that the USTR may by prior determination permit an increase of greater than 10 percent. If a specified limit of imports is exceeded during a period, there shall be a downward adjustment of the specified limit for the next period in the amount the preceding specified limit was exceeded. To the extent that imports of the tungsten articles provided for herein exceed 771,114 kilograms tungsten content for calendar year 1987, the specified limits for subsequent periods will be reduced according to the following schedule: the 1988 calendar year specified limit shall be reduced by 50 percent of the excess; the specified limit of 1989 shall each be reduced by 30 percent of the excess; and the specified limit of 1990 shall be reduced by 20 percent of the excess.

(e) United States International Trade Commission (USITC) surveys.--The USITC shall conduct annual surveys (pursuant to section 332 of the Tariff Act of 1930) to obtain data on ammonium paratungstate, tungstic acid and tungsten oxide (provided for in subheading 2825.90.30) from producers in the United States by calendar quarter on shipments, profits, capacity and capacity utilization, and annual data on capital expenditures and research and development expenditures; and to obtain data on such products from importers by calendar quarter on prices, orders, and inventories. The initial survey shall cover calendar year 1987 and shall be published by March 31, 1988, and the results of subsequent annual surveys shall be published on March 31 of each year thereafter as long as the agreement is in effect.

(f) Administration of import limitations.--Imports accounting for no more than 65 percent of each annual specified limit may be entered in any two consecutive quarters in that year unless authorized by a determination of the USTR.

6. The following provisions have been suspended pursuant to executive action: subheadings 9903.04.05 through 9903.04.55, inclusive, subheadings 9903.23.00 through 9903.23.35, inclusive, subheading 9903.41.25, and subheadings 9903.41.35 through 9903.41.45, inclusive.

Appendix C

Definitions of Certain Steel Products and Specialty Steel Relief Provisions (Federal Register Notice 52897)

OFFICE OF THE UNITED STATES TRADE REPRESENTATIVE

Implementation of Modifications in Specialty Steel Import Relief

AGENCY: Office of the United States Trade Representative.

ACTION: Notice.

SUMMARY: This notice converts to the Harmonized System product definitions for imports of certain specialty steel subject to increased tariffs or quotas and makes modifications to the Harmonized Tariff schedule of the United States to implement such conversion.

EFFECTIVE DATE: January 1, 1989.

FOR FURTHER INFORMATION CONTACT: Robert Cassidy, Office of the United States Trade Representative, (202) 395-4510 or Michael Rollin, Office of Agreements Compliance, Import Administration, Department of Commerce, (202) 377-4037.

SUPPLEMENTARY INFORMATION: Presidential Proclamation 5679 of July 16, 1987 (53 FR 27308) provided for the temporary imposition of increased tariffs and quantitative restrictions on certain stainless steel and alloy tool steel imported into the United States, pursuant to section 203 of the Trade Act of 1974. Proclamation 5679 authorizes the U.S. Trade Representative to take such actions and perform such functions for the United States as may be necessary to administer and implement the relief, including negotiating orderly marketing agreements and allocating quota quantities on a country-by-country basis. The U.S. Trade Representative is also authorized to make modifications in the TSUS headnote of items proclaimed by the President in order to implement such actions.

On January 1, 1989, the TSUS will be replaced by the Harmonized Tariff Schedule of the United States (HTS). Accordingly, the U.S. Trade Representative has determined that the following revisions to Chapter 99, subchapter III, of the HTS are required for continued implementation of Proclamation 5679 after December 31, 1988.

Replace the entire text of U.S. note 4(a)(ii) with the following:

The term *"razor blade steel of the type described in U.S. note 4(a)(ii) to this subchapter"* refers to products of stainless steel of the type described in U.S. note 4(a)(ix) to this subchapter, which are flat rolled, not over 0.254mm in thickness and not over 2.286cm in width—and, when cold rolled, are over 1.27cm in width—contain by weight not less than 11.5 percent, and not over 14.7 percent chromium, and are certified at the time of entry to be used in the manufacture of razor blades. The terms *"concrete reinforcing bars and rods," "chipper knife steel"* and *"ball bearing steel"* are defined as provided in additional U.S. notes 1(c), 1(f) and 1(h), respectively, the chapter 72:

Replace the entire text of U.S. note 4(a)(vi) with the following:

The term *"flapper valve steel"* refers products of stainless steel of the type described in U.S. note 4(a)(ix) to this subchapter, which are flat rolled, not over 1.27mm in thickness and not over 30.48 cm in width—and, when cold rolled, are over 1.27cm in width—and are 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:

Replace the entire text of U.S. note 4(a)(vii) with the following:

The term *"rotor steel for hysteresis motors"* refers to products of tool steel of the type described in U.S. note 4(a)(xi) to this subchapter, which are flat rolled, not over 1.27mm in thickness and not over 30.48cm in width—and, when cold rolled, are over 1.27cm in width—contain by weight not less than 0.5 percent carbon and not less than 5.5 percent tungsten, and are 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:

Replace the period (".") at the end of U.S. note 4(a)(ix) with a semicolon (";").

Insert the following new U.S. notes after U.S. note 4(a)(ix):

4(a)(x) The term *"alloy steel of the type described in U.S. note 4(a)(x) to this subchapter"* refers to steel which contains one or more of the following elements in the quantity, by weight, respectively indicated:

over 1.65 percent manganese, or
over 0.25 percent phosphorus, or
over 0.35 percent sulfur, or
over 0.60 percent silicon, or
over 0.60 percent copper, or
over 0.30 percent aluminum, or
over 0.30 percent chromium, or
over 0.30 percent cobalt, or
over 0.35 percent lead, or
over 0.50 percent nickel, or
over 0.30 percent tungsten, or
over 0.10 percent of any other metallic element;

4(a)(xi) The term *"tool steel of the type described in U.S. note 4(a)(xi) to this subchapter"* refers to alloy steel of the type described in U.S. note 4(a)(x) to this subchapter containing the following combination 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 0.3 percent carbon and 1.25 percent of 11.0 percent inclusive chormium; or
(C) Not less than 0.65 percent carbon and 1.0 percent to 1.8 percent inclusive manganese; or
(D) 0.9 percent to 1.2 percent inclusive chromium and 0.9 percent to 1.4 percent inclusive molybdenum; or
(E) not less than 0.5 percent carbon and not less than 3.5 percent molybdenum; or
(F) not less than 0.5 percent carbon and not less than 5.5 percent tungsten;

4(a)(xii) The term *"high speed tool steel of the type described in U.S. note 4(a)(xii) to this subchapter"* refers to all tool steel of the type described in U.S. note 4(a)(xi) to this subchapter containing by weight not less than 0.5 percent carbon and not less than 3.5 percent molybdenum, or not less than 0.5 percent carbon and not less than 5.5 percent tungsten;

4(a)(xiii) The term *"plate of the type described in U.S. note 4(a)(xiii) to this subchapter"* refers to products which are flat rolled, whether or not corrugated or crimped, 4.7625mm or more in thickness and over 20.32cm in width when hot rolled or over 30.48cm in width when cold rolled;

4(a)(xiv) The term *"sheet of the type described in U.S. note 4(a)(xiv) to this subchapter"* refers to products which are flat rolled, whether or not corrugated or crimped, less than 4.7625mm in thickness and over 30.48cm in width;

4(a)(xv) The term *"strip of the type described in U.S. note 4(a)(xv) to this subchapter"* refers to products which are flat rolled, whether or not corrugated or crimped, less than 4.7625mm in thickness, not over 30.48cm in width and, if cold rolled, over 1.27cm in width;

4(a)(xvi) The term *"wire of the type described in U.S. note 4(a)(xvi) to this subchapter"* refers to products which are either cold drawn, in coils, of any cross-sectional configuration and not over 17.8582mm in maximum cross-sectional dimension; or in coils with a cold rolled finish, of solid rectangular cross section, not over 6.35mm in thickness and not over 1.27cm in width.

4(a)(xvii) The term *"wire rod of the type described in U.S. note 4(a)(xvii) to this subchapter"* refers to products which are hot rolled, in coils, approximately round in cross section, and at least 5.08mm but not exceeding 18.796mm in diameter.

Replace the entire text of subheading 9903.72.00 with the following:

Flat rolled products and bars and rods which have been flat rolled, all the foregoing of stainless steel of the type described in U.S. note 4(a)(ix) to this subchapter, under 4.7625mm in thickness and, if cold rolled, over 1.27mm in width (except when: over 30.48cm in width and coated, plated or clad with metal; 30.48cm or under in width and electrolytically coated or plated with base metal other than tin, lead or zinc; cut, pressed or stamped to nonrectangular shape; worked after rolling other than by corrugation or crimping; as provided for in U.S. note 4(g)(ii) to this subchapter; razor blade steel of the type described in U.S. note 4(a)(ii) to this subchapter; cladding grade 434 stainless steel flat-rolled products over 30.48cm in width; cold-rolled flat-rolled products of stainless steel over 180.34cm in width; stainless steel of the type described in U.S. note 4(a)(v) to

this subchapter; and flapper valve steel) provided for in subheading 7219.12, 7219.13, 7219.14, 7219.22, 7219.23, 7219.24, 7219.31, 7219.32, 7219.33, 7219.34, 7219.35, 7219.90, 7220.11, 7220.12.10, 7220.12.50, 7220.20.10, 7220.20.60, 7220.20.70, 7220.20.90, 7220.90, 7222.10, 7222.20, 7222.30 or 7223.00.50, all the foregoing, whether or not entitled to duty-free treatment under subheading 9808.00.30 * * *

Replace the entire text of subheading 9903.72.01 with the following:

Flat-rolled products and bars and rods which have been flat-rolled, all the foregoing of stainless steel of the type described in U.S. note 4(a)(ix) to this subchapter, 4.7625mm or more in thickness, over 20.32cm in width if hot rolled or over 30.48cm in width if cold rolled (except if: coated, plated or clad with metal; cut, pressed or stamped to nonrectangular shape; worked after rolling other than by corrugation or crimping; as provided for in U.S. note 4(g)(i) to this subchapter; and stainless steel of the type described in U.S. note 4(a)(v) to this subchapter) provided for in subheading 7219.11, 7219.12, 7219.21, 7219.22, 7219.31, 7219.90, 7220.11, 7220.20.10, 7220.90, 7222.10, 7220.20 or 7222.30, all the foregoing, whether or not entitled to duty-free treatment under subheading 9808.00.30 * * *.

Replace the entire text of the superior heading, at the first indentation, to subheadings 9903.72.10, 9903.72.12 and 9903.72.14 with the following:

Bars and rods, flat-rolled products and wire, all the foregoing of stainless steel of the type described in U.S. note 4(a)(ix) to this subchapter (except if: worked after rolling other than by corrugation or crimping; plate, sheet, strip, wire and wire rod of the type described in U.S. notes 4(a)(xiii), 4(a)(xiv), 4(a)(xv), 4(a)(xvi) and 4(a)(xvii), respectively, to this subchapter; concrete reinforcing bars and rods; and stainless steel of the type described in U.S. note 4(a)(v) to this subchapter) provided for in subheading 7220.11, 7220.20.10, 7220.20.60, 7220.90, 7221.00, 7220.10, 7222.20, 7222.30, 7223.00.10, 7223.00.50 or 7223.00.90:

Replace all quota quantities for subheadings 9903.72.10, 9903.72.12, and 9903.72.14 with the following:

Item	Articles	Quota Quantity (in kilograms) If entered during the restraint period: July 20 through January 19	January 20 through July 19
9903.72.10	If entered during the period from October 20, 1987, through July 19, 1988 inclusive:		
	Austria	n/a	97,977
	Canada	[2] 250,386	501,678
	Japan	[2] 3,213,281	6,427,470
	Korea	[2] 439,989	880,885
	Mexico	[2] 25,401	51,710
	Spain	[2] 997,913	1,995,827
	Sweden	[2] 308,446	616,892
	Taiwan	[2] 22,680	45,360
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter	[2] 99,791	97,070
9903.72.12	If entered during the period from July 20, 1988, through July 19, 1989 inclusive:		
	Austria	97,070	97,977
	Canada	512,565	512,565
	Japan	6,572,621	6,572,621
	Korea	891,772	892,679
	Mexico	58,060	58,968
	Spain	2,041,187	2,041,187
	Sweden	630,500	631,407
	Taiwan	46,267	47,174
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter	107,956	104,327
9903.72.14	If entered during the period from July 20, 1989, through September 30, 1989 inclusive:		
	Austria	39,009	([3])
	Canada	211,376	([3])
	Japan	2,707,974	([3])
	Korea	367,414	([3])
	Mexico	24,494	([3])
	Spain	840,969	([3])
	Sweden	259,457	([3])
	Taiwan	19,051	([3])
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter	44,453	([3])

Replace the entire text of the superior heading, at the first indentation, to subheadings 9903.72.20, 9903.72.22 and 9903.72.24 with the following:

Bars and rods of stainless steel of the type described in U.S. note 4(a) (ix) to this subchapter, approximately round in cross-section, at least 5.08mm but not exceeding 18.796mm in diameter (except concrete reinforcing bars and rods and stainless steel of the type described in U.S. note 4(a)(v) to this subchapter) provided for in subheading 7221.00:

Replace all quota quantities for subheadings 9903.72.20, 9903.72.22, and 9903.72.24 with the following:

Item	Articles	Quota Quantity (in kilograms) If entered during the restraint period: July 20 through January 19	January 20 through July 19
9903.72.20	If entered during the period from October 20, 1987, through July 19, 1988 inclusive:		
	Austria	n/a	25,401
	Japan	[2] 1,439,717	2,879,434
	Korea	[2] 238,592	476,277
	Spain	[2] 421,845	844,598
	Sweden	[2] 899,936	1,799,873
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter	[2] 87,998	151,501
9903.72.22	If entered during the period from July 20, 1988, through July 19, 1989 inclusive:		
	Austria	48,988	25,401
	Japan	2,944,752	2,944,752
	Korea	489,885	490,792
	Spain	862,742	863,649
	Sweden	1,840,697	1,840,697
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter	129,729	151,501
9903.72.24	If entered during the period from July 20, 1989, through September 30, 1989 inclusive:		
	Austria	9,979	[3]
	Japan	1,212,918	[3]
	Korea	355,620	[3]
	Spain	355,620	[3]
	Sweden	758,414	[3]
	Other, except as provided in U.S. note 4(g) (ii) to this subchapter	63,504	[3]

Replace the entire text of the superior heading, at the first indentation, to subheadings 9903.72.30, 9903.72.32 and 9903.72.34 with the following:

Flat-rolled products, bars and rods and wire, all the foregoing of tool steel of the type described in U.S. note 4(a)(xi) to this subchapter (except if: worked after rolling other than by corrugation or crimping; plate of the type described in U.S. note 4(a)(xiii) to this subchapter which has been coated, plated or clad with metal or cut, pressed or stamped to nonrectangular shape; sheet of the type described in U.S. note 4(a)(xiv) to this subchapter which has been coated, plated or clad with metal or cut, pressed or stamped to nonrectangular shape; strip of the type described in U.S. note 4(a)(xv) to this subchapter which has been coated or plated with base metal other than tin, lead or zinc or cut, pressed or stamped to nonrectangular shape; concrete reinforcing bars and rods; wire of the type described in U.S. note 4(a)(xvi) to this subchapter other than round wire of high speed tool steel as described in U.S. note 4(a)(xii) to this subchapter; chipper knife steel; band saw steel; ball bearing steel; rotor steel for hysteresis motors; and tool steel of the type described in U.S. note 4(a)(viii) to this subchapter) provided for in subheading 7208.11, 7208.12, 7208.13.10, 7208.13.50, 7208.14.10, 7208.14.50, 7208.21.10, 7208.21.50, 7208.22.10, 7208.22.50, 7208.23.10, 7208.23.50, 7208.24.10, 7208.24.50, 7208.31, 7208.32, 7208.33.10, 7208.33.50, 7208.34.10, 7208.34.50, 7208.35.10, 7208.35.50, 7208.41, 7208.42, 7208.43, 7208.44, 7208.45, 7208.90, 7209.11, 7209.12, 7209.13, 7209.14, 7209.21, 7209.22, 7209.23, 7209.24.50, 7209.31, 7209.32, 7209.33, 7209.34, 7209.41, 7209.42, 7209.43, 7209.44, 7209.90, 7210.70.30, 7210.90.90, 7211.11, 7211.12, 7211.19.10, 7211.19.50, 7211.21, 7211.22, 7211.29.10, 7211.29.30, 7211.29.50, 7211.29.70, 7211.30.10, 7211.30.30, 7211.30.50, 7211.49.10, 7211.49.30, 7211.49.50, 7211.90, 7212.10, 7212.21, 7212.29, 7212.30.10, 7212.30.30, 7212.30.50, 7212.40.10, 7212.40.50, 7212.50, 7212.60, 7213.20, 7213.41.30, 7213.41.60, 7213.49, 7213.50, 7214.10, 7214.30, 7214.50, 7214.60, 7215.10, 7215.30, 7215.40, 7215.90.10, 7215.90.30, 7215.90.50, 7217.21.10, 7217.21.30, 7217.21.50, 7217.22.10, 7117.22.50, 7217.23.10, 7217.23.50, 7217.29.10, 7217.29.50, 7217.31.10, 7217.31.30, 7217.31.50, 7217.32.10, 7217.32.50, 7217.33.10, 7217.33.50, 7217.39.10, 7217.39.50, 7219.11, 7219.12, 7219.13, 7219.14, 7219.21, 7219.22, 7219.23, 7219.24, 7219.31, 7219.32, 7219.33, 7219.34, 7219.35, 7219.90, 7220.11, 7220.12.10, 7220.12.50, 7220.20.10, 7220.20.60, 7220.20.70, 7220.20.80, 7220.20.90, 7220.90, 7221.00, 7222.10, 7222.20, 7222.30, 7223.00.10, 7223.00.50, 7223.00.90, 7225.20, 7225.30.10, 7225.30.30, 7225.30.50, 7225.30.70, 7225.40.10, 7225.40.30, 7225.40.50, 7225.40.70, 7225.50.10, 7225.50.60, 7225.50.70, 7225.50.80, 7225.90, 7226.20, 7226.91.10, 7226.91.30, 7226.91.50, 7226.91.70, 7226.91.80, 7226.92.10, 7226.92.30, 7226.92.50, 7226.92.70, 7226.92.80, 7226.99, 7227.10, 7227.90.10, 7227.90.20, 7227.90.60, 7228.10, 7228.30.60, 7228.30.80, 7228.40, 7228.50.10, 7228.50.50, 7228.60.10, 7228.60.60, 7228.60.80, 7229.10, 7229.90.10, 7229.90.50, 7229.90.90:

Change all quota quantities for subheadings 9903.72.30, 9903.72.32, and 9903.72.34 to the following:

Item	Articles	Quota Quantity (in kilograms) If entered during the restraint period: July 20 through January 19	January 20 through July 19
9903.72.30	If entered during the period from October 20, 1987, through July 19, 1988 inclusive:		
	Canada	[2] 360,156	719,405
	Japan	[2] 1,048,716	2,098,340
	Korea	[2] 345,641	691,282
	Mexico	[2] 58,060	117,935
	Poland	[2] 77,111	155,130
	Spain	[2] 40,824	83,462
	Sweden	[2] 1,979,497	3,958,995
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter	[2] 76,204	147,873
9903.72.32	If entered during the period from July 20, 1988, through July 19, 1989 inclusive:		
	Canada	735,734	736,642
	Japan	2,144,607	2,145,514
	Korea	713,055	712,147
	Mexico	126,100	126,100
	Poland	151,501	152,409
	Spain	85,276	85,276
	Sweden	4,048,807	4,048,807
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter	148,780	147,873
9903.72.34	If entered during the period from July 20, 1989, through September 30, 1989 inclusive:		
	Canada	303,003	([3])
	Japan	883,607	([3])
	Korea	293,931	([3])
	Mexico	51,710	([3])
	Poland	62,596	([3])
	Spain	35,381	([3])
	Sweden	1,667,423	([3])
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter	61,689	([3])

Change all quota quantities for subheadings 9903.72.40, 9903.72.42, and 9903.72.44 to the following:

Item	Articles	Quota Quantity (in kilograms) If entered during the restraint period: July 20 through January 19	January 20 through July 19
9903.72.40	If entered during the period from November 20, 1987, through July 19, 1988 inclusive:		
	Canada	997,913	1,995,827
9903.72.42	If entered during the period from July 20, 1988, through July 19, 1989 inclusive:		
	Canada	1,995,827	1,995,827
9903.72.44	If entered during the period from July 20, 1989, through September 30, 1989 inclusive:		
	Canada	798,331	([3])