

# 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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United States International Trade Commission  
Washington, DC 20436

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## Galvanized Sheet and Strip

### Background

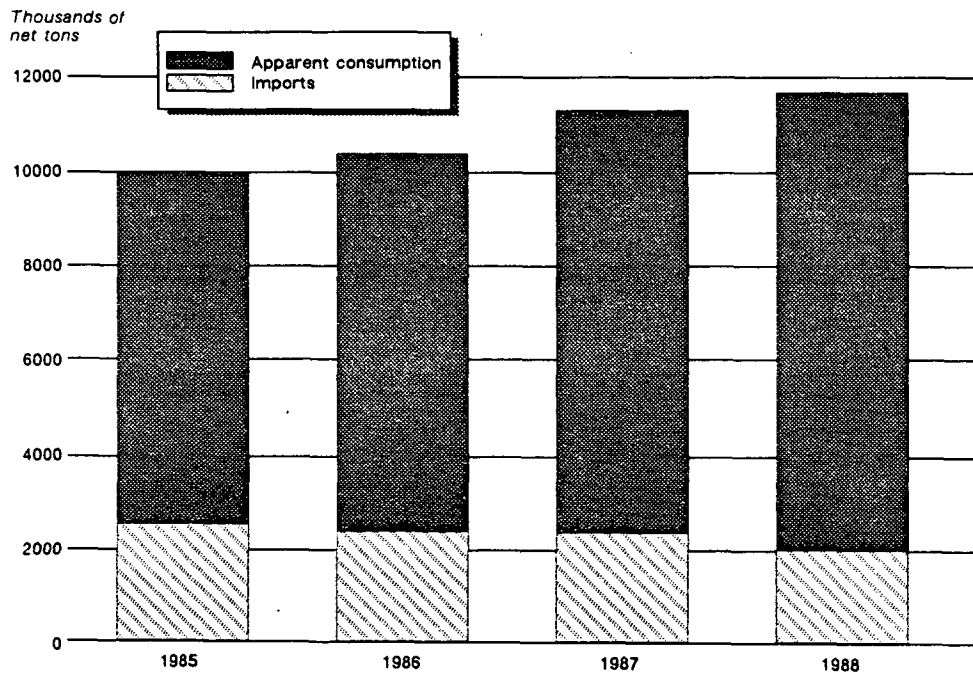
Galvanized sheet and strip is primarily used by the construction, large appliance, and automotive industries because of its high resistance to corrosion. The two principal types of galvanized sheet are hot-dipped, in which the sheet is submerged in a zinc or zinc-alloy solution, and electrogalvanized, in which the coating material is electrically laid on.

In the past, there has been strong debate among consumers about the suitability of each type of galvanized steel for specific end uses. Electrogalvanized products have been praised for having more consistent coating thickness, while hot-dipped has been preferred because of formability. Hot-dipped steel is also \$50-75 less expensive per ton (about 10-15 percent). For the most part, construction and appliance applications utilize hot-dipped steel; automobile manufacturers, however, have yet to decide on one type exclusively.<sup>1</sup>

### Demand

Worldwide demand for both types of galvanized sheet and strip has been strong. In the United States, for example, apparent consumption has increased by 17 percent (fig. A). The increase has been supplied by domestic shipments which have risen by 33 percent; import penetration, on the other hand, has declined from approximately 25 percent to about 17 percent.

Figure A  
Apparent consumption and imports of galvanized sheet and strip, 1985-88



<sup>1</sup>Both types of galvanized sheet and strip were tested by the AISI during 1989 as part of a larger study. The purpose of the tests was to ascertain the relative merits of the two types of galvanized steel for use in the auto industry. Final results will be available in 1990.

### New Investment

Based on projections of continuing strong demand, there has been a worldwide increase in investment in new galvanizing facilities (table A). Once these new facilities are operational (about 1991/92), total world galvanized capacity will have increased by approximately 20 percent over 1989. Many of the planned facilities will have both electrogalvanizing and hot-dip lines. Some will incorporate pre-paint operations as well.

Table A

#### Galvanized sheet and strip: new capacity investments

<u>Location</u>	<u>Companies</u>	<u>Capacity (1,000 metric tons per year)</u>	
Australia	BHP	300	
Europe	British Steel		
	Thyssen	1,350	<u>1/</u>
	Usinor-Sacilor		
	SSAB	150	
	Cockerill Sambre/Arbed	200	
	Krupp Stahl	30	
N. America	Armco	290	
	Bethlehem	1,000	(3 lines)
	Inland/Nippon <u>2/</u>	900	(500 hd, 400 eg)
	LTV/Sumitomo <u>2/</u>	360	
	Stelco	350	
	NexTech	100	
	USX/Kobe <u>2/</u>	600	
	Ntl./NKK/Dofasco <u>2/</u>	<u>3/</u>	
Japan	Kawasaki	546	(3 lines)

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252-1431

1/This figure represents total capacity for the three companies, each of which is undertaking new capacity investment on its own. Of the 1,350 metric tons, 500 tons will be electrogalvanizing capacity, with the remainder hot-dip.

2/In the United States, 3 of the 10 joint ventures between Japanese and domestic integrated steel producers involve investment in galvanizing facilities with an eye to end use by the automotive industry. There are presently 9 Japanese automotive plants in the United States; much of the Japanese investment is focused toward supplying these plants with domestic steel in order to increase the domestic content and to insure high quality and timely delivery.

3/Companies have announced their intention of cooperating in a joint galvanized venture and are currently engaged in feasibility studies.

Monthly Summary  
Subject Index

	<u>USITC</u> <u>Publication</u>	Date
Trade with VRA and non-VRA countries; product trade assessment-----	1852	6/86
Unit values of imported steel; product mix-----	1869	6/86
Imports by customs areas-----	1878	7/86
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
Trade with VRA and non-VRA countries; the non-VRA countries; product trade assessment-----	1953	2/87
Imports of carbon and alloy heavy fabricated structural products-----	1974	5/87
Imports of carbon and alloy steel wire rod-----	1984	6/87
Imports of carbon and alloy steel plate-----	1993	7/87
Presidential decision on imports of certain specialty steel products-----	1998	8/87
Shifts in non-VRA market shares, by product-----	2007	9/87
Unit values of certain steel products-----	2022	10/87
Imports by customs areas-----	2029	11/87
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
The domestic iron and steel scrap market-----	2072	4/88
Fabricated structural steel-----	2074	5/88
Specialty steel products-----	2088	6/88
Pipe and tube products-----	2092	7/88
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Wire rod, wire and wire products-----	2114	9/88
U.S. trade in tinplate-----	2130	10/88
Steel rebar: domestic market and trade-----	2134	11/88
Heavy structural shapes-----	2141	12/88
Imports by customs areas-----	2146	1/89
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
Specialty steel imports-----	2184	5/89
Imports of semifinished steel-----	2195	6/89

Monthly Summary  
Subject Index

	<u>USITC</u> <u>Publication</u>	<u>Date</u>
Wire rod-----	2202	7/89
Steel prices-----	2134	8/89
Special quality steel bars-----	2215	9/89
Specialty Steel-----	2227	10/89
Galvanized sheet and strip-----	2230	11/89

## 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 <sup>1/</sup> 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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<sup>1/</sup> 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

On July 25, 1989, President Bush announced the Steel Trade Liberalization Program under which the VRAs would be extended for two and a half years (i.e. through March 31, 1992). Legislation extending the authority of the President to enforce the restraints is currently before the Congress. The House has already held hearings and approved the extension when, on October 2nd, it passed H.R. 3275. The legislation was referred to the Senate Finance Committee's Subcommittee on International Trade, which held hearings on October 27th. Mark-up of the bill, however, has not been scheduled. In the interim, Administration officials are negotiating with the VRA countries. According to USTR officials testifying at the October 27th hearing, agreements had been reached with all but two parties.



Countries Subject to VRA's

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

Quota level for 1989 in short tons and as a  
share of apparent U.S. consumption  
(estimated) 3/

<u>Quota agreements</u>	(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	<u>4/</u> 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 <u>2/</u>	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.



## 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 1984-88 and specified periods 1988 and 1989

Item	1984	1985	1986	1987	1988	January-August	
						1988	1989
<b>Raw steel:</b>							
Production (1,000 short tons).....	92,528	88,259	81,606	88,472	99,328	66,843	67,024
Capability utilization (percent).....	68.4	66.1	63.8	78.9	88.7	89.5	86.9
Continuously cast (percent).....	39.6	44.4	55.2	52.5	60.5	59.9	63.5
<b>Employment:</b>							
Total (thousands).....	236	208	175	163	169	170	169
Receiving wages (thousands).....	171	151	128	121	125	126	125
Hourly employment cost <u>1</u> / (dollars).....	21.30	22.81	23.5	23.70	24.65	24.53	24.76
<b>Steel:</b>							
Shipments (1,000 short tons).....	73,740	73,043	64,947	76,473	83,815	56,144	57,480
Imports (1,000 short tons).....	26,705	24,885	21,289	20,938	21,869	15,088	12,058
Exports (1,000 short tons).....	1,081	992	980	1,176	2,152	953	3,092
Apparent consumption (1,000 short tons)....	99,363	96,591	90,026	95,759	103,532	69,711	66,447
Ratio of imports to consumption (percent)..	26.9	25.8	23.6	21.3	21.1	21.6	18.2
<b>Financial:</b>							
<b>All operations:</b>							
Net sales (million dollars).....	53,619	53,651	41,912	<u>3</u> / 32,314	<u>4</u> /	<u>4</u> /	<u>4</u> /
Net income (million dollars).....	(301)	(1,210)	(6,094)	<u>3</u> / 1,121	<u>4</u> /	<u>4</u> /	<u>4</u> /
Ratio of net sales to income (percent)...	(0.6)	(2.3)	(14.5)	<u>2</u> / 3.7	<u>4</u> /	<u>4</u> /	<u>4</u> /
<b>Steel operations:</b>							
Net steel sales (million dollars).....	30,005	28,272	24,875	26,933	32,318	<u>5</u> /16,445	<u>5</u> /16,463
Net steel income (million dollars).....	(31)	(1,834)	(4,150)	1,077	(559)	<u>5</u> / 1,728	<u>5</u> / 1,468
Ratio of income to net sales (percent)...	(0.1)	(6.5)	(16.7)	4	(1.9)	<u>5</u> / 11	<u>5</u> / 9

1/ Preliminary.

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

3/ January-September.

4/ Not available.

5/ First half of the year.

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-August	
						1988	1989
<b>All grades of steel:</b>							
Semifinished	1,306,044	1,374,524	1,388,649	2,095,599	1,746,267	1,145,307	1,272,770
Plate	4,338,993	4,327,347	3,531,806	4,065,183	7,361,445	4,842,989	5,011,925
Sheet and strip	40,878,749	40,850,298	40,055,641	43,288,266	44,707,915	29,680,025	30,921,829
Bars & certain shapes 1/	13,232,473	12,667,539	12,101,642	12,937,033	14,618,068	9,487,771	9,850,095
Wire rod	3,090,036	2,961,769	3,493,632	3,838,788	4,044,688	2,692,151	2,879,283
Wire	962,726	874,135	797,859	786,963	1,072,698	753,799	717,209
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	3,519,801	3,724,380
Rails & related products	1,238,900	931,313	647,697	504,561	507,278	389,531	402,738
Pipe and tube	4,275,759	4,095,825	2,836,458	3,569,647	4,443,251	3,040,423	2,699,975
<b>Total</b>	<b>73,739,529</b>	<b>73,043,323</b>	<b>69,946,884</b>	<b>76,472,610</b>	<b>83,815,069</b>	<b>55,575,916</b>	<b>57,480,204</b>
<b>Carbon &amp; certain alloy 2/ steel:</b>							
Semifinished	1,266,364	1,327,766	1,339,062	2,018,535	1,828,600	1,090,144	1,215,443
Plate	4,223,128	4,185,883	3,415,947	3,906,102	7,178,573	4,727,769	4,893,743
Sheet and strip	40,058,979	40,018,167	39,256,239	42,347,623	43,663,695	28,968,480	30,243,144
Bars & certain shapes	13,031,564	12,478,002	11,926,843	12,753,157	14,414,095	9,350,292	9,715,853
Wire rod	3,038,112	2,931,897	3,457,233	3,791,034	3,986,930	2,651,872	2,852,595
Wire	933,382	851,841	773,204	760,229	1,043,112	734,773	699,659
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	3,519,801	3,724,380
Rails & related products	1,238,900	931,313	647,697	504,561	507,278	389,531	402,738
Pipe and tube	4,224,071	4,046,771	2,794,218	3,527,867	4,387,761	3,004,219	2,666,513
<b>Total</b>	<b>72,430,349</b>	<b>71,732,213</b>	<b>68,703,943</b>	<b>74,995,678</b>	<b>82,323,503</b>	<b>54,461,000</b>	<b>56,414,068</b>
<b>Stainless &amp; alloy tool steel:</b>							
Semifinished	39,680	46,758	49,587	77,064	79,953	55,163	57,327
Plate	115,865	141,464	115,859	159,081	182,872	115,220	118,182
Sheet and strip	819,770	832,131	799,402	940,643	1,044,220	711,545	678,685
Bars & certain shapes	139,980	129,267	119,024	125,441	139,696	95,361	90,260
Wire rod	51,924	29,872	36,399	47,754	57,758	40,279	26,688
Wire	29,344	22,294	24,655	26,734	29,586	19,026	17,550
Pipe and tube	51,688	49,054	42,240	41,780	55,490	36,204	33,462
Tool steel (all forms)	60,929	60,270	55,775	58,435	64,277	42,118	43,982
<b>Total</b>	<b>1,309,180</b>	<b>1,311,110</b>	<b>1,242,941</b>	<b>1,476,932</b>	<b>1,653,852</b>	<b>1,114,916</b>	<b>1,066,136</b>

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-August	
						1988	1989
<b>All grades of steel:</b>							
Semifinished-----	1,632,065	2,440,368	2,084,322	2,288,995	2,844,979	1,991,725	1,601,493
Plate-----	1,782,050	1,772,309	1,456,790	1,566,694	1,872,937	1,326,771	901,106
Sheet and strip-----	10,332,032	9,046,089	8,278,604	7,875,891	7,303,964	4,925,736	4,068,052
Bars & certain shapes 1/-----	1,722,313	1,550,559	1,476,368	1,359,758	1,445,932	967,386	866,597
Wire rod-----	1,589,788	1,476,145	1,362,753	1,467,030	1,493,833	1,057,082	796,943
Wire-----	671,829	612,485	582,022	555,981	540,380	371,229	341,480
Wire products-----	738,680	674,960	636,591	649,377	572,451	386,439	485,854
Structural shapes & units-----	2,432,694	2,440,403	2,179,657	2,153,669	2,188,467	1,520,018	1,236,802
Rails & related products-----	373,890	382,046	275,710	245,988	319,432	199,449	218,732
Pipe and tube-----	5,429,839	4,489,287	2,956,303	2,775,091	3,286,690	2,342,317	1,541,084
<b>Total-----</b>	<b>26,705,180</b>	<b>24,884,651</b>	<b>21,289,120</b>	<b>20,938,474</b>	<b>21,869,065</b>	<b>15,088,152</b>	<b>12,058,143</b>
<b>Carbon &amp; certain alloy 2/ steel:</b>							
Semifinished-----	1,618,365	2,430,078	2,066,700	2,232,270	2,782,572	1,949,039	1,554,941
Plate-----	1,774,614	1,760,812	1,440,375	1,555,577	1,857,090	1,317,113	890,041
Sheet and strip-----	10,194,435	8,910,469	8,127,033	7,746,596	7,185,380	4,847,600	3,978,717
Bars & certain shapes-----	1,652,025	1,475,447	1,393,731	1,281,168	1,361,113	907,789	781,543
Wire rod-----	1,570,952	1,456,078	1,344,256	1,448,720	1,474,623	1,043,936	781,970
Wire-----	649,126	590,317	564,481	536,897	519,727	358,498	326,643
Wire products-----	738,680	674,960	636,591	649,377	572,451	386,439	485,854
Structural shapes & units-----	2,432,694	2,440,403	2,179,657	2,153,669	2,188,467	1,520,018	1,236,802
Rails & related products-----	373,890	382,046	275,710	245,988	319,432	199,449	218,732
Pipe and tube-----	5,399,642	4,457,277	2,923,029	2,748,644	3,249,937	2,316,418	1,513,354
<b>Total-----</b>	<b>26,404,423</b>	<b>24,577,887</b>	<b>20,951,563</b>	<b>20,598,906</b>	<b>21,510,792</b>	<b>14,846,299</b>	<b>11,768,597</b>
<b>Stainless &amp; alloy tool steel:</b>							
<b>Stainless steel:</b>							
Semifinished-----	13,700	10,290	17,622	56,725	62,407	42,685	46,552
Plate-----	7,436	11,497	16,415	11,118	15,847	9,658	11,065
Sheet and strip-----	137,597	135,620	151,571	129,295	118,584	78,136	89,335
Bars & certain shapes-----	38,234	37,970	37,888	37,991	40,724	28,209	22,086
Wire rod-----	18,835	20,067	18,496	18,311	19,210	13,146	14,974
Wire-----	22,703	22,169	17,541	19,084	20,653	12,731	14,837
Pipe and tube-----	30,197	32,009	33,274	26,448	36,752	25,899	27,730
Tool steel (all forms)-----	32,054	37,142	44,749	40,599	44,095	31,388	62,968
<b>Total-----</b>	<b>300,756</b>	<b>306,764</b>	<b>337,556</b>	<b>339,571</b>	<b>358,272</b>	<b>241,852</b>	<b>289,547</b>

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-August	
						1988	1989
<b>All grades of steel:</b>							
Semifinished-----	73,536	89,708	58,885	73,543	61,430	30,030	236,062
Plate-----	88,184	82,988	69,565	96,538	119,393	71,033	473,093
Sheet and strip-----	389,577	375,396	507,420	556,991	1,374,056	508,989	1,591,551
Bars & certain shapes 1/-----	133,595	99,096	81,224	121,869	141,461	84,478	177,926
Wire rod-----	8,646	4,740	5,876	8,217	10,161	6,195	22,284
Wire-----	19,979	19,146	26,760	26,669	36,668	21,068	21,216
Wire products-----	22,085	19,253	24,731	23,257	27,847	16,462	14,381
Structural shapes & units-----	119,256	89,031	71,525	101,373	111,614	72,000	171,281
Rails & related products-----	19,079	13,430	13,131	15,755	18,855	13,707	62,925
Pipe and tube-----	207,426	199,258	121,050	152,155	250,390	129,368	321,118
<b>Total-----</b>	<b>1,081,363</b>	<b>992,046</b>	<b>980,167</b>	<b>1,176,367</b>	<b>2,151,875</b>	<b>953,330</b>	<b>3,091,837</b>
<b>Carbon &amp; certain alloy 2/ steel:</b>							
Semifinished-----	72,285	82,650	57,932	71,362	58,598	27,017	228,810
Plate-----	84,813	74,957	66,042	92,057	107,546	62,666	467,689
Sheet and strip-----	369,495	349,620	477,803	501,010	1,328,485	478,879	1,554,805
Bars & certain shapes-----	126,090	89,241	72,134	111,619	124,911	75,670	150,033
Wire rod-----	7,918	3,716	5,049	6,889	8,676	5,531	18,809
Wire-----	17,524	17,182	24,033	22,863	32,209	18,738	19,338
Wire products-----	22,085	19,253	24,731	23,257	27,847	16,462	14,381
Structural shapes & units-----	119,256	89,031	71,525	101,373	111,614	72,000	171,281
Rails & related products-----	19,079	13,430	13,131	15,755	18,855	13,707	62,925
Pipe and tube-----	199,778	193,309	118,010	143,405	244,192	125,637	315,521
<b>Total-----</b>	<b>1,038,323</b>	<b>932,389</b>	<b>930,390</b>	<b>1,089,590</b>	<b>2,062,933</b>	<b>896,307</b>	<b>3,003,592</b>
<b>Stainless &amp; alloy tool steel:</b>							
<b>Stainless steel:</b>							
Semifinished-----	1,251	7,058	953	2,181	2,833	3,013	7,252
Plate-----	3,371	8,031	3,523	4,481	11,847	8,366	5,403
Sheet and strip-----	20,081	25,776	29,617	55,981	45,571	30,110	36,746
Bars & certain shapes-----	5,178	7,762	6,946	7,189	12,047	5,967	11,967
Wire rod-----	728	1,024	828	1,328	1,486	664	3,475
Wire-----	2,455	1,964	2,728	3,806	4,459	2,330	1,878
Pipe and tube-----	7,648	5,948	3,040	8,751	6,198	3,731	5,597
Tool steel (all forms)-----	2,326	2,094	2,144	3,061	4,502	2,841	15,926
<b>Total-----</b>	<b>43,038</b>	<b>59,657</b>	<b>49,779</b>	<b>86,778</b>	<b>88,943</b>	<b>57,022</b>	<b>88,244</b>

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-August	
						1988	1989
<b>All grades of steel:</b>							
Semifinished-----	2,864,573	3,725,184	3,414,086	4,311,051	4,529,816	3,107,002	2,638,201
Plate-----	6,032,859	6,016,668	4,919,031	5,535,339	9,114,989	6,098,727	5,439,938
Sheet and strip-----	50,821,204	49,520,991	47,826,825	50,607,166	50,637,823	34,096,772	33,398,330
Bars & certain shapes 1/-----	14,821,191	14,119,002	13,496,786	14,174,922	15,922,539	10,370,679	10,538,766
Wire rod-----	4,671,178	4,433,174	4,850,509	5,297,601	5,528,360	3,743,038	3,653,942
Wire-----	1,614,576	1,467,474	1,353,121	1,316,275	2,121,014	1,498,056	1,508,946
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	4,967,819	4,789,901
Rails & related products-----	1,593,711	1,299,929	910,276	734,794	807,855	575,273	558,545
Pipe and tube-----	9,498,172	8,385,854	5,671,711	6,192,583	7,479,551	5,253,372	3,919,941
<b>Total-----</b>	<b>99,363,346</b>	<b>96,935,928</b>	<b>90,255,837</b>	<b>96,234,717</b>	<b>103,532,259</b>	<b>69,710,738</b>	<b>66,446,510</b>
<b>Carbon &amp; certain alloy 2/ steel:</b>							
Semifinished-----	2,812,444	3,675,194	3,347,830	4,179,443	4,552,574	3,012,166	2,541,574
Plate-----	5,912,929	5,871,738	4,790,280	5,369,622	8,928,117	5,982,216	5,316,095
Sheet and strip-----	49,883,919	48,579,016	46,905,469	49,593,209	49,520,590	33,337,201	32,667,056
Bars & certain shapes-----	14,557,499	13,864,208	13,248,440	13,922,706	15,650,297	10,182,411	10,347,363
Wire rod-----	4,601,146	4,384,259	4,796,440	5,232,865	5,452,877	3,690,277	3,615,756
Wire-----	1,564,984	1,424,976	1,313,652	1,274,263	2,075,234	1,468,629	1,478,437
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	4,967,819	4,789,901
Rails & related products-----	1,593,711	1,299,929	910,276	734,794	807,855	575,273	558,545
Pipe and tube-----	9,423,935	8,310,739	5,599,237	6,133,106	7,393,506	5,195,000	3,864,346
<b>Total-----</b>	<b>97,796,449</b>	<b>95,377,711</b>	<b>88,725,116</b>	<b>94,504,994</b>	<b>101,771,362</b>	<b>68,410,992</b>	<b>65,179,073</b>
<b>Stainless &amp; alloy tool steel:</b>							
<b>Stainless steel:</b>							
Semifinished-----	52,129	49,990	66,256	131,608	139,527	94,835	96,627
Plate-----	119,930	144,930	128,751	165,718	186,872	116,512	123,844
Sheet and strip-----	937,286	941,975	921,356	1,013,957	1,117,233	759,571	731,274
Bars & certain shapes-----	173,036	159,475	149,966	156,243	168,373	117,603	100,379
Wire rod-----	70,031	48,915	54,067	64,737	75,482	52,761	38,187
Wire-----	49,592	42,499	39,468	42,012	45,780	29,427	30,509
Pipe and tube-----	74,237	75,115	72,474	59,477	86,044	58,372	55,595
Tool steel (all forms)-----	90,657	95,318	98,380	95,973	103,870	70,665	91,024
<b>Total-----</b>	<b>1,566,898</b>	<b>1,558,217</b>	<b>1,530,718</b>	<b>1,729,725</b>	<b>1,923,181</b>	<b>1,299,746</b>	<b>1,267,439</b>

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-August	
						1988	1989
<b>All grades of steel:</b>							
Semifinished-----	57.0	65.5	61.1	53.1	62.8	64.1	60.7
Plate-----	29.5	29.5	29.6	28.3	20.5	21.8	16.6
Sheet and strip-----	20.3	18.3	17.3	15.6	14.4	14.4	12.2
Bars & certain shapes 1/--	11.6	11.0	10.9	9.6	9.1	9.3	8.2
Wire rod-----	34.0	33.3	28.1	27.7	27.0	28.2	21.8
Wire-----	41.0	41.0	43.0	42.0	39.0	56.0	46.0
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	30.6	25.8
Rails & related products--	23.5	29.4	30.3	33.5	39.5	34.7	39.2
Pipe and tube-----	57.2	53.5	52.1	44.8	43.9	44.6	39.3
Total-----	26.9	25.7	23.6	21.8	21.1	21.6	18.1
<b>Carbon &amp; certain alloy 2/ steel:</b>							
Semifinished-----	57.5	66.1	61.7	53.4	61.1	64.7	61.2
Plate-----	30.0	30.0	30.1	29.0	20.8	22.0	16.7
Sheet and strip-----	20.4	18.3	17.3	15.6	14.5	14.5	12.2
Bars & certain shapes-----	11.3	10.6	10.5	9.2	8.7	8.9	7.6
Wire rod-----	34.1	33.2	28.0	27.7	27.0	28.3	21.6
Wire-----	41.0	41.0	43.0	42.0	39.0	29.0	37.0
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	30.6	25.8
Rails & related products--	23.5	29.4	30.3	33.5	39.5	34.7	39.2
Pipe and tube-----	57.3	53.6	52.2	44.8	44.0	44.6	39.2
Total-----	27.0	25.8	23.6	21.8	21.1	21.7	18.1
<b>Stainless &amp; alloy tool steel:</b>							
<b>Stainless steel:</b>							
Semifinished-----	26.3	20.6	26.6	43.1	44.7	45.0	48.2
Plate-----	6.2	7.9	12.7	6.7	8.5	8.3	8.9
Sheet and strip-----	14.7	14.4	16.5	12.8	10.6	10.3	12.2
Bars & certain shapes-----	22.1	23.8	25.3	24.3	24.2	24.0	22.0
Wire rod-----	26.9	41.0	34.2	28.3	25.4	24.9	39.2
Wire-----	45.8	52.2	44.4	45.4	45.1	43.3	48.6
Pipe and tube-----	40.7	42.6	45.9	44.5	42.7	44.4	49.9
Tool steel (all forms)-----	35.4	39.0	45.5	42.3	42.5	44.4	69.2
Total-----	19.2	19.7	22.1	19.6	18.6	18.6	22.8

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--August	
			1988	1989
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	155,112	282,085	163,635	221,830
Austria -----	119,666	138,101	86,760	46,701
Brazil -----	1,152,972	1,476,896	950,749	1,061,385
Czechoslovakia -----	29,792	37,301	25,346	4,672
East Germany -----	95,910	92,239	58,975	40,446
EC countries-----	5,314,371	5,766,991	3,836,165	3,205,503
Finland -----	174,889	212,989	140,352	142,288
Hungary -----	27,064	30,094	20,817	21,572
Japan -----	4,384,621	4,343,898	2,966,573	2,522,300
Mexico -----	491,204	488,367	326,846	289,904
Peoples Rep of China -----	51,107	68,840	42,751	36,930
Poland -----	91,936	89,648	77,747	39,770
Portugal -----	31,087	22,739	17,307	4,021
Romania -----	82,408	102,548	83,352	32,649
Republic of South Africa -----	30,015	1,693	1,693	613
Korea, Republic of -----	1,434,872	1,572,602	1,064,346	716,061
Spain -----	520,988	486,490	332,279	355,867
Trinidad and Tobago -----	62,575	31,518	23,446	28,096
Venezuela -----	170,571	169,383	121,613	63,915
Yugoslavia -----	15,394	12,751	10,291	4,726
<b>Total-----</b>	<b>14,436,554</b>	<b>15,427,173</b>	<b>10,351,043</b>	<b>8,839,249</b>
<b>Other countries:</b>				
Canada -----	3,809,440	3,430,920	2,412,416	2,185,207
Sweden -----	609,367	575,055	482,311	191,669
Argentina -----	346,494	558,011	467,466	150,880
Turkey -----	407,413	307,985	257,476	149,394
Indonesia -----	235,573	281,142	189,800	50,415
Taiwan -----	263,415	252,112	173,375	102,458
Norway -----	154,231	181,502	127,827	66,668
Thailand -----	120,179	160,364	110,807	47,776
Singapore -----	144,538	153,164	107,746	57,680
India -----	60,774	100,261	80,354	70,908
All others-----	350,496	441,375	327,530	145,837
<b>Total-----</b>	<b>6,501,920</b>	<b>6,441,891</b>	<b>4,737,108</b>	<b>3,218,892</b>
<b>Grand total-----</b>	<b>20,938,474</b>	<b>21,869,064</b>	<b>15,088,151</b>	<b>12,058,141</b>

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--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	70,374	118,494	75,044	95,844
Austria -----	58,007	82,907	53,708	40,460
Brazil -----	328,749	463,632	291,613	351,045
Czechoslovakia -----	7,156	12,019	7,432	1,649
East Germany -----	25,328	31,340	18,602	13,497
EC countries -----	2,197,086	2,721,224	1,774,485	1,738,771
Finland -----	65,035	101,105	65,728	60,865
Hungary -----	6,191	8,600	5,626	6,952
Japan -----	2,189,840	2,562,005	1,716,619	1,638,185
Mexico -----	204,210	240,693	157,582	147,920
Peoples Rep of China -----	23,586	27,574	16,572	21,099
Poland -----	27,141	30,281	25,341	14,750
Portugal -----	15,163	10,575	8,670	2,930
Romania -----	25,093	36,063	29,110	11,672
Republic of South Africa -----	7,322	1,487	1,487	480
Korea, Republic of -----	633,718	770,065	515,047	371,693
Spain -----	200,168	249,811	160,564	191,031
Trinidad and Tobago -----	15,482	8,602	6,321	8,722
Venezuela -----	48,835	53,699	39,419	25,672
Yugoslavia -----	5,404	5,947	4,789	2,059
<b>Total-----</b>	<b>6,153,888</b>	<b>7,536,123</b>	<b>4,973,759</b>	<b>4,745,296</b>
<b>Other countries:</b>				
Canada -----	1,660,699	1,706,602	1,184,939	1,164,890
Sweden -----	301,016	358,878	265,707	193,092
Argentina -----	122,695	221,845	181,403	73,586
Turkey -----	123,568	93,038	74,574	48,219
Indonesia -----	56,949	81,687	52,543	17,453
Taiwan -----	118,228	134,663	87,210	69,288
Norway -----	39,735	55,371	35,980	23,800
Thailand -----	43,817	65,625	44,554	21,262
Singapore -----	42,953	50,365	34,914	21,964
India -----	22,889	43,769	34,204	29,699
All others-----	124,712	164,938	118,033	73,374
<b>Total-----</b>	<b>2,657,261</b>	<b>2,976,781</b>	<b>2,114,061</b>	<b>1,736,627</b>
<b>Grand total-----</b>	<b>8,811,149</b>	<b>10,512,904</b>	<b>7,087,820</b>	<b>6,481,923</b>

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



Table 8.--Steel other than semifinished steel:  $\frac{1}{2}$  U.S. imports for consumption, and imports as a percent of apparent U.S. consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January-August	
			1988	1989
Quantity (Short tons)				
VRA countries:				
Australia -----	155,077	202,683	133,122	157,504
Austria -----	119,666	138,029	86,746	46,701
Brazil -----	671,685	755,083	503,856	504,275
Czechoslovakia -----	29,792	37,301	25,346	4,672
East Germany -----	95,909	92,239	58,975	40,446
EC-----	4,358,698	4,611,870	3,006,652	2,605,449
Finland -----	160,941	209,750	137,113	125,572
Hungary -----	26,495	30,094	20,817	21,572
Japan -----	4,291,332	4,264,692	2,917,434	2,455,345
Mexico -----	429,320	424,451	280,858	214,089
Peoples Rep of China -----	51,093	68,840	42,751	36,925
Poland -----	90,476	89,295	77,442	39,503
Portugal -----	31,087	22,739	17,307	4,021
Romania -----	82,408	102,548	83,352	32,649
Republic of South Africa -----	7,437	1,693	1,693	613
Korea, Republic of -----	1,407,830	1,515,157	1,059,325	672,828
Spain -----	484,083	449,539	298,454	343,946
Trinidad and Tobago -----	62,575	28,460	20,388	28,096
Venezuela -----	130,749	119,720	94,644	63,915
Yugoslavia -----	15,394	12,751	10,291	4,726
Total-----	12,702,047	13,176,934	8,876,566	7,402,847
Other countries:				
Canada -----	3,673,795	3,327,082	2,330,604	2,099,526
Argentina -----	343,363	535,190	444,646	150,818
Turkey -----	407,413	307,985	257,476	149,394
Indonesia -----	234,667	276,988	185,651	50,415
Sweden -----	267,311	269,005	203,396	124,079
Taiwan -----	263,415	252,112	173,375	102,458
Thailand -----	120,179	160,364	110,807	47,776
Singapore -----	144,538	153,164	107,746	57,680
Norway -----	109,791	116,917	80,864	60,791
India -----	60,774	100,261	80,354	70,908
All others-----	322,184	348,084	244,942	139,956
Total-----	5,947,430	5,847,152	4,219,861	3,053,801
Grand total-----	18,649,477	19,024,086	13,096,427	10,456,648

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-August	
			1988	1989
Import/consumption ratio (percent)				
VRA countries:				
Australia -----	.2	.2	.2	.2
Austria -----	.1	.1	.1	.1
Brazil -----	.7	.8	.8	.8
Czechoslovakia -----	2/	2/	2/	2/
East Germany -----	.1	.1	.1	.1
EC-----	4.8	4.7	4.6	4.1
Finland -----	.2	.2	.2	.2
Hungary -----	2/	2/	2/	2/
Japan -----	4.7	4.4	4.4	3.9
Mexico -----	.5	.4	.4	.3
Peoples Rep of China -----	.1	.1	.1	.1
Poland -----	.1	.1	.1	.1
Portugal -----	2/	2/	2/	2/
Romania -----	.1	.1	.1	.1
Republic of South Africa -----	2/	2/	2/	2/
Korea, Republic of -----	1.6	1.5	1.6	1.1
Spain -----	.5	.5	.5	.5
Trinidad and Tobago -----	.1	2/	2/	2/
Venezuela -----	.1	.1	.1	.1
Yugoslavia -----	2/	2/	2/	2/
Total-----	14.0	13.5	13.5	11.7
Other countries:				
Canada -----	4.1	3.4	3.5	3.3
Argentina -----	.4	.5	.7	.2
Turkey -----	.4	.3	.4	.2
Indonesia -----	.3	.3	.3	.1
Sweden -----	.3	.3	.3	.2
Taiwan -----	.3	.3	.3	.2
Thailand -----	.1	.2	.2	.1
Singapore -----	.2	.2	.2	.1
Norway -----	.1	.1	.1	.1
India -----	.1	.1	.1	.1
All others-----	.4	.4	.4	.2
Total-----	6.6	6.0	6.4	4.8
Grand total-----	20.6	19.5	19.9	16.5

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--August	
				1988	1989
Quantity (short tons)					
<b>VRA countries:</b>					
Australia	50,000	35	79,402	30,513	64,326
Austria	3/	0	73	14	0
Brazil	700,000	481,287	721,813	446,893	557,111
Czechoslovakia	3/	0	0	0	0
East Germany	3/	1	0	0	0
EC Countries	4/ 820,000	955,673	1,155,121	829,514	600,055
Finland	15,000	13,948	3,239	3,239	16,716
Hungary	3/	569	0	0	0
Japan	100,000	93,288	79,206	49,140	66,955
Mexico	100,000	61,884	63,916	45,988	75,816
Peoples Rep of China	3/	13	0	0	5
Poland	3/	1,460	353	305	267
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	5,021	43,232
Spain	50,000	36,905	36,951	33,824	11,921
Trinidad and Tobago	3,500	0	3,058	3,058	0
Venezuela	60,000	39,822	49,663	26,970	0
Yugoslavia	3/	0	0	0	0
<b>Total</b>	<b>2,048,500</b>	<b>1,734,506</b>	<b>2,250,240</b>	<b>1,474,479</b>	<b>1,436,404</b>
<b>Other countries:</b>					
Sweden	6/	342,056	306,050	278,915	67,590
Canada	6/	135,645	103,838	81,812	85,681
Norway	6/	44,440	64,585	46,963	5,877
Soviet Union	6/	0	47,078	36,375	5,860
New Zealand	6/	28,212	46,214	46,214	0
Argentina	6/	3,131	22,820	22,820	62
Indonesia	6/	906	4,154	4,149	0
Switzerland	6/	99	0	0	19
Israel	6/	0	0	0	0
Taiwan	6/	0	0	0	0
<b>Total</b>	<b>6/</b>	<b>554,489</b>	<b>594,739</b>	<b>517,248</b>	<b>165,089</b>
<b>Grand total</b>	<b>2,048,500</b>	<b>2,288,995</b>	<b>2,844,979</b>	<b>1,991,727</b>	<b>1,601,493</b>

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/<sub>2</sub> semifinished steel: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--August	
			1988	1989
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	35	79,402	30,513	64,326
Austria -----	0	0	0	0
Brazil -----	467,926	720,130	445,210	557,111
Czechoslovakia -----	0	0	0	0
East Germany -----	2/	0	0	0
EC countries-----	949,332	1,151,180	827,228	598,693
Finland -----	13,948	3,239	3,239	16,716
Hungary -----	569	0	0	0
Japan -----	89,683	77,271	47,449	66,258
Mexico -----	61,884	63,916	45,988	75,757
Peoples Rep of China -----	13	0	0	5
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	7,021	43,232
Spain -----	36,537	30,268	30,268	1,600
Trinidad and Tobago -----	0	3,058	3,058	0
Venezuela -----	39,822	49,663	26,970	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>1,710,830</b>	<b>2,235,851</b>	<b>1,465,223</b>	<b>1,423,698</b>
<b>Other countries:</b>				
Sweden -----	334,207	291,559	267,994	60,821
Canada -----	110,445	70,310	59,304	58,603
Norway -----	44,440	64,585	46,963	5,877
Soviet Union -----	0	47,078	36,375	5,860
New Zealand -----	28,212	46,214	46,214	0
Argentina -----	3,131	22,820	22,820	62
Indonesia -----	906	4,154	4,149	0
Switzerland -----	99	2/	2/	19
<b>Total-----</b>	<b>521,440</b>	<b>546,720</b>	<b>483,819</b>	<b>131,242</b>
<b>Grand total-----</b>	<b>2,232,270</b>	<b>2,782,571</b>	<b>1,949,042</b>	<b>1,554,940</b>

See footnote(s) at end of table.

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

Item	1987	1988	January--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	6	15,165	7,596	13,283
Austria -----	0	0	0	0
Brazil -----	87,231	161,215	95,839	138,092
Czechoslovakia -----	0	0	0	0
East Germany -----	7	0	0	0
EC countries -----	208,398	284,362	196,592	159,355
Finland -----	2,945	770	770	4,508
Hungary -----	128	0	0	0
Japan -----	20,477	19,499	1,627	18,314
Mexico -----	11,428	17,342	1,093	19,172
Peoples Rep of China -----	30	0	0	7
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	1,164	10,557
Spain -----	6,503	6,521	6,521	602
Trinidad and Tobago -----	0	617	617	0
Venezuela -----	6,708	11,049	5,221	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>352,560</b>	<b>531,182</b>	<b>337,109</b>	<b>363,890</b>
<b>Other countries:</b>				
Sweden -----	76,098	73,544	67,514	15,249
Canada -----	26,940	21,337	17,131	19,827
Norway -----	8,098	14,757	10,365	1,288
Soviet Union -----	0	6,946	5,172	843
New Zealand -----	6,332	13,489	13,489	0
Argentina -----	1,109	6,147	6,147	21
Indonesia -----	242	1,196	1,195	0
Switzerland -----	140	3	3	67
<b>Total-----</b>	<b>118,959</b>	<b>137,419</b>	<b>121,016</b>	<b>37,295</b>
<b>Grand total-----</b>	<b>471,519</b>	<b>668,601</b>	<b>458,125</b>	<b>401,185</b>

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

<sup>2/</sup> 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--August	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	5,014	5,935	4,089	2,837
Austria -----	9,701	21,426	11,409	3,456
Brazil -----	112,608	171,537	125,068	97,824
Czechoslovakia -----	10,416	16,455	9,542	3,371
East Germany -----	16,091	17,270	11,971	6,927
EC countries -----	381,994	467,491	297,689	244,950
Finland -----	69,486	96,135	58,738	70,979
Hungary -----	13,933	16,146	11,177	12,249
Japan -----	35,903	44,538	25,515	29,556
Mexico -----	12,930	20,867	14,004	12,288
Peoples Rep of China -----	0	26	0	0
Poland -----	30,633	30,860	26,680	15,835
Portugal -----	0	0	0	0
Romania -----	49,274	68,325	55,052	24,179
Republic of South Africa -----	465	0	0	0
Korea, Republic of -----	64,323	68,405	46,270	30,790
Spain -----	63,973	48,484	37,229	40,685
Trinidad and Tobago -----	0	389	0	0
Venezuela -----	6,872	6,653	5,981	4,344
Yugoslavia -----	0	1,423	1,423	0
<b>Total-----</b>	<b>883,616</b>	<b>1,102,365</b>	<b>741,837</b>	<b>600,270</b>
Other countries:				
Canada -----	449,135	419,556	224,445	192,637
Sweden -----	106,253	110,743	80,043	55,931
Indonesia -----	46,701	84,969	52,642	203
Argentina -----	17,499	44,564	38,039	233
India -----	35,711	34,780	34,780	35,303
Egypt -----	0	21,147	16,262	0
Pakistan -----	6,227	15,610	15,610	0
Algeria -----	0	8,054	8,054	0
Turkey -----	6,145	5,946	5,946	193
New Zealand -----	0	3,849	854	5,270
All others-----	4,290	5,507	4,602	2/
<b>Total-----</b>	<b>671,961</b>	<b>754,725</b>	<b>575,277</b>	<b>289,770</b>
<b>Grand total-----</b>	<b>1,555,577</b>	<b>1,857,090</b>	<b>1,317,114</b>	<b>890,040</b>

See footnote(s) at end of table.

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

Item	1987	1988	January--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	2,285	3,190	2,253	1,415
Austria -----	3,379	8,467	4,606	1,620
Brazil -----	36,299	67,413	46,521	31,497
Czechoslovakia -----	2,292	5,280	2,847	921
East Germany -----	3,761	5,566	3,674	2,238
EC countries-----	126,682	197,106	124,533	106,892
Finland -----	18,573	38,528	23,875	25,857
Hungary -----	3,104	4,494	2,908	3,890
Japan -----	19,324	27,120	15,234	17,793
Mexico -----	3,340	8,122	5,317	5,484
Peoples Rep of China -----	0	28	0	0
Poland -----	7,316	9,971	8,413	5,401
Portugal -----	0	0	0	0
Romania -----	13,447	22,680	18,271	8,231
Republic of South Africa -----	145	0	0	0
Korea, Republic of -----	21,560	28,496	18,845	11,791
Spain -----	20,059	22,593	16,843	15,475
Trinidad and Tobago -----	0	122	0	0
Venezuela -----	1,762	2,062	1,809	1,459
Yugoslavia -----	0	461	461	0
<b>Total-----</b>	<b>283,328</b>	<b>451,699</b>	<b>296,410</b>	<b>239,964</b>
<b>Other countries:</b>				
Canada -----	155,991	175,573	128,656	80,142
Sweden -----	40,807	52,247	39,687	28,289
Indonesia -----	12,461	25,597	15,341	57
Argentina -----	4,317	14,038	12,052	81
India -----	13,055	14,024	14,024	10,877
Egypt -----	0	6,652	5,040	0
Pakistan -----	2,559	4,117	4,117	0
Algeria -----	0	2,330	2,330	0
Turkey -----	1,554	2,186	2,186	88
New Zealand -----	0	1,350	291	1,591
All others-----	1,708	1,855	1,544	6
<b>Total-----</b>	<b>232,452</b>	<b>299,969</b>	<b>225,268</b>	<b>121,131</b>
<b>Grand total-----</b>	<b>515,780</b>	<b>751,668</b>	<b>521,678</b>	<b>361,095</b>

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

<sup>2/</sup> Less than 0.5 short ton.

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--August	
			1988	1989
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	123,054	169,338	108,595	133,587
Austria -----	82,055	80,141	48,183	24,157
Brazil -----	343,715	279,788	163,411	261,465
Czechoslovakia -----	2,410	0	0	10
East Germany -----	61,012	50,830	30,815	20,982
EC countries-----	2,172,597	2,143,264	1,338,771	1,098,806
Finland -----	71,070	85,164	58,986	41,786
Hungary -----	9,600	13,211	9,033	8,184
Japan -----	2,381,393	2,209,538	1,460,347	1,384,662
Mexico-----	127,973	139,529	97,292	62,949
Peoples Rep of China -----	584	0	0	18
Poland -----	13,390	11,005	10,250	0
Portugal -----	29,872	16,837	16,837	3,002
Romania -----	3,665	6,731	6,731	52
Republic of South Africa -----	372	0	0	0
Korea, Republic of -----	603,796	487,380	369,065	185,231
Spain -----	100,179	88,988	61,733	55,673
Trinidad and Tobago -----	0	63	0	0
Venezuela -----	56,293	57,246	51,571	25,596
Yugoslavia -----	0	0	0	32
<b>Total-----</b>	<b>6,183,030</b>	<b>5,839,053</b>	<b>3,831,620</b>	<b>3,306,192</b>
<b>Other countries:</b>				
Canada -----	1,119,490	856,040	609,849	547,194
Argentina -----	175,619	243,388	223,864	17,025
Taiwan -----	60,024	78,901	52,412	26,542
Sweden -----	61,509	51,007	41,163	14,987
New Zealand -----	10,795	29,118	16,527	52,522
Algeria -----	11,632	21,102	21,102	0
Indonesia -----	24,966	20,138	12,733	160
Turkey -----	67,134	17,019	17,019	20
Norway -----	15,629	14,466	6,946	11,809
Pakistan -----	10,113	8,324	8,324	0
All others-----	6,653	6,824	6,042	2,268
<b>Total-----</b>	<b>1,563,564</b>	<b>1,346,327</b>	<b>1,015,981</b>	<b>672,527</b>
<b>Grand total-----</b>	<b>7,746,594</b>	<b>7,185,380</b>	<b>4,847,601</b>	<b>3,978,719</b>

See footnote(s) at end of table.



Table 12.--Carbon and certain alloy <sup>1/</sup> 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--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	59,001	90,392	58,156	70,977
Austria -----	26,289	31,089	18,790	10,219
Brazil -----	119,782	111,040	63,315	105,037
Czechoslovakia -----	644	0	0	3
East Germany -----	17,087	18,100	10,701	7,655
EC countries -----	877,390	995,304	618,210	548,927
Finland -----	25,253	32,525	22,744	17,254
Hungary -----	2,371	3,751	2,443	2,574
Japan -----	1,208,940	1,211,321	801,753	804,110
Mexico -----	60,338	77,632	52,833	37,533
Peoples Rep of China -----	114	0	0	7
Poland -----	5,198	5,049	4,681	0
Portugal -----	14,108	8,172	8,172	1,600
Romania -----	1,246	2,176	2,176	36
Republic of South Africa -----	124	0	0	0
Korea, Republic of -----	234,228	209,663	155,668	75,979
Spain -----	40,855	41,812	29,374	25,545
Trinidad and Tobago -----	0	19	0	0
Venezuela -----	18,728	22,121	19,775	10,907
Yugoslavia -----	0	0	0	17
<b>Total-----</b>	<b>2,711,696</b>	<b>2,860,166</b>	<b>1,868,791</b>	<b>1,718,380</b>
<b>Other countries:</b>				
Canada -----	463,992	381,804	268,010	260,715
Argentina -----	64,208	92,033	84,899	9,279
Taiwan -----	22,313	31,494	20,855	11,898
Sweden -----	37,494	39,376	28,790	20,254
New Zealand -----	5,600	11,315	6,368	22,808
Algeria -----	4,076	8,668	6,668	0
Indonesia -----	6,638	7,569	3,991	76
Turkey -----	27,144	6,256	6,256	9
Norway -----	7,955	7,909	3,703	7,299
Pakistan -----	2,221	3,600	3,600	0
All others-----	2,985	3,066	2,683	1,200
<b>Total-----</b>	<b>644,626</b>	<b>593,090</b>	<b>437,823</b>	<b>333,538</b>
<b>Grand total-----</b>	<b>3,356,322</b>	<b>3,453,256</b>	<b>2,306,614</b>	<b>2,051,918</b>

<sup>1/</sup> 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--August	
			1988	1989
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	117	826	77	384
Austria -----	394	693	568	393
Brazil -----	50,090	96,561	71,411	34,237
Czechoslovakia -----	0	0	0	0
East Germany -----	2	0	0	0
EC countries-----	209,024	222,242	140,023	107,417
Finland -----	2,752	4,081	2,556	3,072
Hungary -----	43	146	22	0
Japan -----	154,408	107,959	75,725	52,931
Mexico -----	31,521	22,813	14,468	11,001
Peoples Rep of China -----	4,820	3,441	2,842	2,135
Poland -----	1,037	1,282	634	2,079
Portugal -----	0	2/	2/	0
Romania -----	122	29	29	0
Republic of South Africa -----	221	0	0	0
Korea, Republic of -----	56,173	74,249	46,856	46,421
Spain -----	30,581	38,094	30,206	19,027
Trinidad and Tobago -----	18,047	15,404	9,533	13,908
Venezuela -----	13,530	19,962	7,733	7,104
Yugoslavia -----	287	0	0	0
<b>Total-----</b>	<b>573,169</b>	<b>607,782</b>	<b>402,683</b>	<b>300,109</b>
<b>Other countries:</b>				
Canada -----	379,637	429,634	287,466	273,155
Turkey -----	94,882	102,560	80,299	109,153
Indonesia -----	44,957	54,015	31,485	3,133
Argentina -----	18,954	50,982	29,928	34,763
Norway -----	28,347	36,346	24,401	23,640
Taiwan -----	44,665	32,265	24,697	6,893
Singapore -----	39,869	19,311	6,650	18,116
India -----	10,014	11,249	8,507	6,045
Sweden -----	7,255	9,099	6,553	1,647
Israel -----	619	5,943	3,820	42
All others-----	38,800	1,924	1,300	4,846
<b>Total-----</b>	<b>707,999</b>	<b>753,328</b>	<b>505,106</b>	<b>481,433</b>
<b>Grand total-----</b>	<b>1,281,168</b>	<b>1,361,110</b>	<b>907,789</b>	<b>781,542</b>

See footnote(s) at end of table.

Table 13.--Carbon and certain alloy <sup>1/</sup> 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--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	92	332	53	299
Austria -----	590	667	465	717
Brazil -----	15,461	29,058	21,164	14,863
Czechoslovakia -----	0	0	0	0
East Germany -----	1	0	0	0
EC countries-----	154,145	116,081	70,656	62,572
Finland -----	1,685	2,705	1,624	2,272
Hungary -----	14	63	9	0
Japan -----	62,568	49,339	33,819	26,876
Mexico -----	8,595	8,588	5,438	4,059
Peoples Rep of China -----	1,683	1,314	1,092	765
Poland -----	548	845	419	1,178
Portugal -----	0	2	2	0
Romania -----	600	103	103	0
Republic of South Africa -----	71	0	0	0
Korea, Republic of -----	15,094	20,439	12,860	13,733
Spain -----	11,163	17,305	13,010	9,685
Trinidad and Tobago -----	5,496	3,968	2,461	4,457
Venezuela -----	3,187	5,392	2,037	2,884
Yugoslavia -----	73	0	0	0
<b>Total-----</b>	<b>281,066</b>	<b>256,201</b>	<b>165,212</b>	<b>144,360</b>
<b>Other countries:</b>				
Canada -----	146,520	186,448	123,886	117,492
Turkey -----	24,960	28,951	20,529	32,827
Indonesia -----	9,076	14,691	8,484	862
Argentina -----	4,865	16,442	9,175	13,358
Norway -----	5,906	8,963	5,783	6,578
Taiwan -----	11,531	10,022	7,421	2,449
Singapore -----	10,128	5,104	1,686	5,949
India -----	3,490	3,952	2,885	2,637
Sweden -----	4,732	5,737	3,813	1,503
Israel -----	191	1,616	1,074	18
All others-----	9,814	1,111	796	1,630
<b>Total-----</b>	<b>231,213</b>	<b>283,037</b>	<b>185,532</b>	<b>185,303</b>
<b>Grand total-----</b>	<b>512,279</b>	<b>539,238</b>	<b>350,744</b>	<b>329,663</b>

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

<sup>2/</sup> Less than 0.5 short ton.

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

Table 14.--Carbon and certain alloy  $\frac{1}{2}$  steel wire rod: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--August	
			1988	1989
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	9,664	9,551	7,726	9,983
Austria -----	401	601	260	1,118
Brazil -----	50,183	58,383	41,262	34,157
Czechoslovakia -----	10,307	13,661	11,645	0
East Germany -----	12,806	16,306	10,524	9,136
EC countries-----	235,247	248,578	164,609	111,079
Finland -----	2,237	2,237	2,237	108
Hungary -----	2,862	0	0	0
Japan -----	245,672	276,003	178,522	170,544
Mexico -----	62,826	58,389	33,359	30,811
Peoples Rep of China -----	0	27	27	25
Poland -----	0	7,606	7,606	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	762	461
Spain -----	40,302	37,258	25,545	30,519
Trinidad and Tobago -----	43,094	11,312	9,563	14,124
Venezuela -----	4,471	8,916	7,255	1,041
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>720,504</b>	<b>754,154</b>	<b>500,902</b>	<b>413,106</b>
<b>Other countries:</b>				
Canada -----	390,071	360,096	252,551	289,789
Turkey -----	61,072	126,791	114,505	18,498
Indonesia -----	97,932	84,414	68,002	24,510
Singapore -----	60,425	81,904	63,442	21,126
Sweden -----	10,079	18,464	14,320	2,486
Saudi Arabia -----	42,619	17,972	16,660	0
Taiwan -----	15,798	16,843	11,052	12,410
Egypt -----	0	11,114	105	23
Malaysia -----	47,789	2,355	2,355	0
Israel -----	131	372	41	0
All others-----	2,300	144	<u>2</u>	22
<b>Total-----</b>	<b>728,216</b>	<b>720,469</b>	<b>543,033</b>	<b>368,864</b>
<b>Grand total-----</b>	<b>1,448,720</b>	<b>1,474,623</b>	<b>1,043,935</b>	<b>781,970</b>

See footnote(s) at end of table.

Table 14.--Carbon and certain alloy <sup>1/</sup> 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--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	1,983	2,103	1,648	2,226
Austria -----	179	248	111	313
Brazil -----	12,145	16,380	11,492	9,633
Czechoslovakia -----	2,164	3,234	2,723	0
East Germany -----	2,585	3,547	2,192	2,186
EC countries -----	84,580	97,970	63,188	43,598
Finland -----	692	741	741	35
Hungary -----	557	0	0	0
Japan -----	103,044	124,039	78,379	80,435
Mexico -----	14,093	15,344	8,323	7,917
Peoples Rep of China -----	0	9	9	7
Poland -----	0	1,612	1,612	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	333	281
Spain -----	11,411	10,435	6,942	8,836
Trinidad and Tobago -----	9,538	3,293	2,660	4,217
Venezuela -----	1,014	2,000	1,680	289
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>244,164</b>	<b>282,467</b>	<b>182,033</b>	<b>159,973</b>
<b>Other countries:</b>				
Canada -----	127,412	130,836	90,710	105,425
Turkey -----	13,673	32,337	29,142	5,253
Indonesia -----	21,082	20,363	15,874	6,724
Singapore -----	14,388	21,983	16,703	6,824
Sweden -----	6,215	9,831	6,678	2,041
Saudi Arabia -----	8,616	3,719	3,306	0
Taiwan -----	6,199	6,764	4,364	5,413
Egypt -----	0	2,650	23	7
Malaysia -----	11,059	622	622	0
Israel -----	30	106	10	0
All others -----	478	131	3	11
<b>Total-----</b>	<b>209,152</b>	<b>229,342</b>	<b>167,435</b>	<b>131,698</b>
<b>Grand total-----</b>	<b>453,316</b>	<b>511,809</b>	<b>349,468</b>	<b>291,671</b>

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

<sup>2/</sup> 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--August	
			1988	1989
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	4,963	4,488	2,455	2,930
Austria -----	2,484	1,731	1,162	1,227
Brazil -----	10,577	14,128	11,570	7,577
Czechoslovakia -----	0	0	0	24
East Germany -----	89	0	0	0
EC countries-----	174,468	168,458	120,110	99,908
Finland -----	400	476	337	65
Hungary -----	57	0	0	0
Japan -----	96,684	78,468	53,234	48,144
Mexico -----	3,991	2,712	1,642	743
Peoples Rep of China -----	7,302	9,720	5,042	7,691
Poland -----	2	116	19	112
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	4,167	4,244
Spain -----	40	22	22	75
Trinidad and Tobago -----	1,435	1,060	1,060	0
Venezuela -----	7,717	5,996	5,227	2,264
Yugoslavia -----	42	3	3	0
<b>Total-----</b>	<b>318,664</b>	<b>295,114</b>	<b>206,050</b>	<b>175,004</b>
<b>Other countries:</b>				
Canada -----	194,819	193,243	131,267	126,707
Sweden -----	7,745	7,532	4,671	4,593
Taiwan -----	3,217	4,897	3,786	2,408
India -----	2,572	4,108	2,595	3,503
Saudi Arabia -----	0	4,000	2,346	0
Switzerland -----	1,372	2,591	1,696	1,374
Argentina -----	1,170	2,491	2,279	6,916
Chile -----	1,379	2,146	1,747	1,918
Ecuador -----	18	1,430	738	1,898
Norway -----	2,476	1,312	774	637
All others-----	3,464	865	551	1,684
<b>Total-----</b>	<b>218,232</b>	<b>224,615</b>	<b>152,450</b>	<b>151,638</b>
<b>Grand total-----</b>	<b>536,896</b>	<b>519,729</b>	<b>358,500</b>	<b>326,642</b>

See footnote(s) at end of table.

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

Item	1987	1988	January--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	2,329	2,018	1,118	1,313
Austria -----	3,613	2,584	1,860	1,987
Brazil -----	4,944	6,207	4,968	4,030
Czechoslovakia -----	0	0	0	16
East Germany -----	24	0	0	0
EC countries -----	129,054	141,173	98,386	90,206
Finland -----	170	231	153	20
Hungary -----	17	0	0	0
Japan -----	64,973	61,637	40,395	40,804
Mexico -----	1,681	1,320	792	501
Peoples Rep of China -----	2,868	4,165	2,103	3,432
Poland -----	3	59	10	59
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	2,568	2,764
Spain -----	33	37	37	87
Trinidad and Tobago -----	448	354	354	0
Venezuela -----	3,802	3,096	2,644	1,419
Yugoslavia -----	24	9	9	0
<b>Total-----</b>	<b>218,950</b>	<b>227,557</b>	<b>155,397</b>	<b>146,638</b>
<b>Other countries:</b>				
Canada -----	101,960	109,405	73,820	76,439
Sweden -----	10,304	10,678	6,617	6,234
Taiwan -----	1,964	2,903	2,139	2,304
India -----	883	1,518	974	1,283
Saudi Arabia -----	0	810	477	0
Switzerland -----	898	1,525	991	889
Argentina -----	499	1,245	1,121	3,076
Chile -----	532	946	751	1,044
Ecuador -----	9	652	343	937
Norway -----	1,427	1,177	704	509
All others-----	1,385	483	284	843
<b>Total-----</b>	<b>119,861</b>	<b>131,342</b>	<b>88,221</b>	<b>93,558</b>
<b>Grand total-----</b>	<b>338,811</b>	<b>358,899</b>	<b>243,618</b>	<b>240,196</b>

<sup>1/</sup> 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  $\frac{1}{2}$  steel wire products: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--August	
			1988	1989
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	291	5	2	22
Austria -----	1,113	956	241	3,040
Brazil -----	10,382	15,018	9,445	8,536
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries-----	34,544	23,220	16,828	51,348
Finland -----	0	1	2	48
Hungary -----	0	0	0	0
Japan -----	50,318	23,536	17,087	46,500
Mexico -----	14,577	13,693	9,813	9,846
Peoples Rep of China -----	36,253	36,866	26,755	26,087
Poland -----	19,213	16,070	11,542	9,717
Portugal -----	683	380	272	425
Romania -----	6,859	143	143	0
Republic of South Africa -----	4,340	1,550	1,550	613
Korea, Republic of -----	186,794	192,127	128,154	114,024
Spain -----	18,997	14,765	10,106	22,624
Trinidad and Tobago -----	0	94	94	0
Venezuela -----	2,683	1,352	969	12,602
Yugoslavia -----	7,882	7,314	4,982	3,607
<b>Total-----</b>	<b>394,929</b>	<b>347,090</b>	<b>237,983</b>	<b>309,039</b>
<b>Other countries:</b>				
Canada -----	106,028	98,251	69,978	79,426
Turkey -----	37,393	23,631	14,587	7,365
United Arab Emirates -----	7,787	20,059	12,559	11,909
Indonesia -----	11,116	18,621	11,331	14,394
Argentina -----	12,069	18,002	11,289	12,676
Taiwan -----	37,689	13,715	9,135	11,383
Thailand -----	20,516	8,627	4,465	14,395
Chile -----	10,919	8,459	5,430	4,536
India -----	505	4,571	2,081	5,015
Saudi Arabia -----	305	3,718	2,832	5,822
All others-----	10,123	7,707	4,769	9,895
<b>Total-----</b>	<b>254,450</b>	<b>225,361</b>	<b>148,456</b>	<b>176,816</b>
<b>Grand total-----</b>	<b>649,379</b>	<b>572,451</b>	<b>386,439</b>	<b>485,855</b>

See footnote(s) at end of table.



Table 16.--Carbon and certain alloy <sup>1/</sup> 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--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	249	20	15	57
Austria -----	1,973	1,556	690	6,467
Brazil -----	4,592	7,169	4,336	5,185
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	27,128	24,443	17,311	108,393
Finland -----	0	96	4	33
Hungary -----	0	0	0	0
Japan -----	46,874	28,992	20,148	90,831
Mexico -----	7,758	8,903	6,110	9,537
Peoples Rep of China -----	17,786	14,640	10,390	16,190
Poland -----	7,056	5,403	3,882	3,308
Portugal -----	820	530	369	607
Romania -----	2,424	44	44	0
Republic of South Africa -----	2,199	792	792	476
Korea, Republic of -----	128,818	138,561	88,307	100,165
Spain -----	11,866	8,752	5,856	24,088
Trinidad and Tobago -----	0	27	27	0
Venezuela -----	498	387	295	3,943
Yugoslavia -----	2,845	3,027	2,078	1,574
<b>Total-----</b>	<b>262,886</b>	<b>243,342</b>	<b>160,654</b>	<b>370,854</b>
<b>Other countries:</b>				
Canada -----	73,873	70,198	49,628	66,120
Turkey -----	12,966	8,700	5,398	4,223
United Arab Emirates -----	2,582	7,562	4,761	4,764
Indonesia -----	4,341	6,881	4,076	6,218
Argentina -----	5,105	7,943	4,869	6,661
Taiwan -----	24,306	12,448	7,991	13,193
Thailand -----	10,027	5,332	3,022	6,369
Chile -----	4,662	3,991	2,703	2,472
India -----	263	2,659	1,119	3,498
Saudi Arabia -----	103	1,239	960	2,085
All others-----	6,976	6,778	4,173	13,676
<b>Total-----</b>	<b>145,204</b>	<b>133,731</b>	<b>88,700</b>	<b>129,279</b>
<b>Grand total-----</b>	<b>408,090</b>	<b>377,073</b>	<b>249,354</b>	<b>500,133</b>

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

<sup>2/</sup> Less than 0.5 short ton.

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

Table 17.--Carbon and certain alloy  $\frac{1}{2}$  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--August	
			1988	1989
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	55	139	135	291
Austria -----	377	1,541	1,431	478
Brazil -----	11,926	20,210	14,489	8,929
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	92
EC countries-----	645,485	732,369	476,032	459,722
Finland -----	341	118	118	2,568
Hungary -----	0	0	0	0
Japan -----	629,977	590,217	447,852	312,196
Mexico -----	17,953	24,912	16,462	10,837
Peoples Rep of China -----	8	208	208	420
Poland -----	18,559	14,059	13,617	8,103
Portugal -----	122	0	0	43
Romania -----	0	19	0	130
Republic of South Africa -----	933	143	143	0
Korea, Republic of -----	135,070	169,302	123,468	70,111
Spain -----	177,434	171,068	102,018	130,869
Trinidad and Tobago -----	0	0	0	65
Venezuela -----	0	2	0	50
Yugoslavia -----	0	263	135	0
<b>Total-----</b>	<b>1,638,240</b>	<b>1,724,568</b>	<b>1,192,108</b>	<b>1,004,904</b>
<b>Other countries:</b>				
Canada -----	398,180	338,187	237,881	167,457
Norway -----	61,316	64,361	48,375	24,391
Argentina -----	17,757	27,523	23,706	23,537
Taiwan -----	17,179	9,020	6,647	4,847
New Zealand -----	9,076	8,242	4,576	5,664
Indonesia -----	0	4,074	552	3,251
Sweden -----	2,170	3,925	1,446	847
Thailand -----	0	3,278	44	0
Singapore -----	6,702	3,129	2,736	633
Switzerland -----	131	626	587	86
All others-----	2,917	1,534	1,362	1,184
<b>Total-----</b>	<b>515,428</b>	<b>463,899</b>	<b>327,912</b>	<b>231,897</b>
<b>Grand total-----</b>	<b>2,153,668</b>	<b>2,188,467</b>	<b>1,520,020</b>	<b>1,236,801</b>

See footnote(s) at end of table.

Table 17.--Carbon and certain alloy <sup>1/</sup> 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--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	54	135	116	884
Austria -----	1,455	1,865	1,377	1,303
Brazil -----	4,099	8,055	2,471	3,986
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	28
EC countries -----	222,416	294,725	193,138	183,570
Finland -----	336	248	247	3,463
Hungary -----	0	0	0	0
Japan -----	189,574	228,010	167,151	131,185
Mexico -----	7,074	11,585	7,556	5,487
Peoples Rep of China -----	71	154	154	354
Poland -----	3,990	3,587	3,415	2,365
Portugal -----	78	0	0	262
Romania -----	0	11	0	55
Republic of South Africa -----	573	694	694	0
Korea, Republic of -----	59,530	84,018	62,154	28,472
Spain -----	48,816	62,180	36,555	46,431
Trinidad and Tobago -----	0	0	0	48
Venezuela -----	0	1	0	15
Yugoslavia -----	0	393	183	0
<b>Total</b> -----	<b>538,066</b>	<b>695,661</b>	<b>478,211</b>	<b>407,908</b>
<b>Other countries:</b>				
Canada -----	220,522	201,529	138,827	103,863
Norway -----	15,052	21,943	14,885	7,683
Argentina -----	4,186	7,274	6,443	7,720
Taiwan -----	9,331	5,476	3,849	4,691
New Zealand -----	9,040	8,814	5,710	6,519
Indonesia -----	0	1,173	160	951
Sweden -----	7,243	5,413	4,107	2,330
Thailand -----	0	1,711	21	0
Singapore -----	4,293	2,903	2,544	414
Switzerland -----	818	1,557	1,531	190
All others -----	6,366	1,349	1,110	1,625
<b>Total</b> -----	<b>276,851</b>	<b>259,142</b>	<b>179,187</b>	<b>135,986</b>
<b>Grand total</b> -----	<b>814,917</b>	<b>954,803</b>	<b>657,398</b>	<b>543,894</b>

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

<sup>2/</sup> 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--August	
			1988	1989
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	30	2	2	2,683
Austria -----	5	703	239	4,616
Brazil -----	2,440	4,553	2,318	2,239
Czechoslovakia -----	0	0	0	0
East Germany -----	0	1	1	0
EC countries -----	42,340	51,287	37,637	38,088
Finland -----	2/	3	3	0
Hungary -----	0	4	0	0
Japan -----	84,891	79,347	49,261	59,120
Mexico -----	46	26	3	282
Peoples Rep of China -----	45	25	25	427
Poland -----	0	0	0	105
Portugal -----	0	1,071	197	552
Romania -----	0	0	0	0
Republic of South Africa -----	879	2/	2/	0
Korea, Republic of -----	5,803	6,919	5,218	5,844
Spain -----	0	0	0	36
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	344	77	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>136,823</b>	<b>144,018</b>	<b>94,904</b>	<b>113,992</b>
<b>Other countries:</b>				
Canada -----	101,439	172,077	101,485	102,978
Sweden -----	7,424	3,064	2,946	320
Gabon -----	0	128	0	0
Taiwan -----	168	128	95	323
Argentina -----	6	6	6	994
India -----	0	6	6	0
Philippines -----	0	6	6	0
Honduras -----	0	2/	0	9
Norway -----	0	2/	2/	0
Colombia -----	0	0	0	54
All others-----	127	0	0	62
<b>Total-----</b>	<b>109,164</b>	<b>175,415</b>	<b>104,544</b>	<b>104,740</b>
<b>Grand total-----</b>	<b>245,987</b>	<b>319,433</b>	<b>199,448</b>	<b>218,732</b>

See footnote(s) at end of table.

Table 18.--Carbon and certain alloy <sup>1/</sup> 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--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	15	7	7	3,097
Austria -----	37	299	77	2,604
Brazil -----	2,016	3,751	1,957	1,895
Czechoslovakia -----	0	0	0	0
East Germany -----	0	5	5	0
EC countries -----	17,563	24,466	17,141	19,463
Finland -----	5	14	14	0
Hungary -----	0	25	0	0
Japan -----	34,066	38,835	22,979	32,244
Mexico -----	14	37	10	286
Peoples Rep of China -----	32	9	9	204
Poland -----	0	0	0	49
Portugal -----	0	748	127	461
Romania -----	0	0	0	0
Republic of South Africa -----	563	1	1	0
Korea, Republic of -----	1,863	2,580	1,839	2,915
Spain -----	0	0	0	157
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	70	24	0	0
Yugoslavia -----	0	0	0	0
<b>Total</b> -----	<b>56,244</b>	<b>70,801</b>	<b>44,166</b>	<b>63,375</b>
<b>Other countries:</b>				
Canada -----	20,479	50,140	30,399	44,234
Sweden -----	2,553	1,001	866	285
Gabon -----	0	67	0	0
Taiwan -----	302	294	198	554
Argentina -----	24	17	17	311
India -----	0	16	16	0
Philippines -----	0	28	28	0
Honduras -----	0	2	0	4
Norway -----	0	3	3	0
Colombia -----	0	0	0	178
All others -----	284	0	0	98
<b>Total</b> -----	<b>23,642</b>	<b>51,568</b>	<b>31,527</b>	<b>45,664</b>
<b>Grand total</b> -----	<b>79,886</b>	<b>122,369</b>	<b>75,693</b>	<b>109,039</b>

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

<sup>2/</sup> Less than 0.5 short ton.

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

Table 19.--Carbon and certain alloy 1/2 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--August	
			1988	1989
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	11,869	12,375	10,028	4,767
Austria -----	19,766	26,408	20,794	5,501
Brazil -----	75,669	87,724	59,595	43,652
Czechoslovakia -----	6,660	7,164	4,138	1,267
East Germany -----	5,909	7,828	5,664	3,309
EC countries-----	383,341	458,471	350,699	305,512
Finland -----	5,968	12,755	7,787	5,359
Hungary -----	0	585	585	1,072
Japan -----	542,452	790,770	570,755	285,680
Mexico -----	137,761	131,349	86,638	67,253
Peoples Rep of China -----	2,056	18,422	7,801	48
Poland -----	7,267	8,048	6,945	3,350
Portugal -----	410	0	0	0
Romania -----	22,488	27,284	21,380	8,288
Republic of South Africa -----	40	0	0	0
Korea, Republic of -----	331,525	496,059	326,752	207,880
Spain -----	32,753	29,637	19,553	32,480
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	38,840	19,510	15,908	10,914
Yugoslavia -----	7,183	3,732	3,732	1,085
<b>Total-----</b>	<b>1,631,957</b>	<b>2,138,121</b>	<b>1,518,754</b>	<b>987,417</b>
<b>Other countries:</b>				
Canada -----	514,456	436,372	310,969	305,141
Thailand -----	93,717	148,259	106,236	33,106
Argentina -----	100,108	148,192	115,493	54,482
Taiwan -----	79,176	88,055	0,221	34,741
Singapore -----	37,408	47,545	3,855	17,733
India -----	10,848	44,486	31,613	19,304
Turkey -----	140,786	32,001	25,100	14,142
Sweden -----	30,146	26,842	19,471	11,285
Malaysia -----	13,285	22,879	20,072	2,070
Chile -----	2,077	22,048	11,883	2,212
All others-----	94,680	95,139	62,751	31,721
<b>Total-----</b>	<b>1,116,687</b>	<b>1,111,818</b>	<b>797,664</b>	<b>525,937</b>
<b>Grand total-----</b>	<b>2,748,644</b>	<b>3,249,939</b>	<b>2,316,418</b>	<b>1,513,354</b>

See footnote(s) at end of table.

Table 19.--Carbon and certain alloy <sup>1/</sup> 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--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	4,265	4,959	3,988	2,202
Austria -----	11,963	23,494	17,842	4,910
Brazil -----	32,186	41,170	26,906	25,093
Czechoslovakia -----	2,057	3,472	1,828	710
East Germany -----	1,862	4,115	2,029	1,391
EC countries -----	197,587	322,171	236,485	202,093
Finland -----	1,915	5,624	3,287	2,589
Hungary -----	0	266	266	458
Japan -----	295,849	597,887	416,404	222,865
Mexico -----	57,935	71,872	47,728	37,465
Peoples Rep of China -----	895	7,066	2,690	32
Poland -----	2,219	3,115	2,552	1,433
Portugal -----	157	0	0	0
Romania -----	7,377	11,018	8,486	3,350
Republic of South Africa -----	15	0	0	0
Korea, Republic of -----	137,101	239,742	153,556	104,076
Spain -----	16,510	23,994	15,442	20,250
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	13,066	7,535	5,958	4,756
Yugoslavia -----	2,462	2,036	2,036	464
<b>Total-----</b>	<b>785,421</b>	<b>1,369,536</b>	<b>977,483</b>	<b>634,137</b>
<b>Other countries:</b>				
Canada -----	254,194	266,692	190,587	191,159
Thailand -----	32,613	58,119	41,393	14,246
Argentina -----	38,060	76,641	56,616	32,831
Taiwan -----	28,607	39,591	26,258	17,901
Singapore -----	13,763	19,833	13,563	8,630
India -----	4,059	20,173	14,144	8,765
Turkey -----	43,271	14,568	11,057	5,803
Sweden -----	21,798	23,510	16,789	11,403
Malaysia -----	4,615	9,314	8,075	898
Chile -----	829	9,500	5,046	1,097
All others-----	35,348	41,391	25,710	14,524
<b>Total-----</b>	<b>477,157</b>	<b>579,332</b>	<b>409,238</b>	<b>307,257</b>
<b>Grand total-----</b>	<b>1,262,578</b>	<b>1,948,868</b>	<b>1,356,721</b>	<b>941,394</b>

<sup>1/</sup> 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--August	
			1988	1989
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	155,092	282,061	163,622	221,811
Austria -----	116,298	134,200	84,287	43,987
Brazil -----	1,135,516	1,468,033	943,778	1,055,726
Czechoslovakia -----	29,792	37,280	25,325	4,672
East Germany -----	95,910	92,234	58,975	40,446
EC countries -----	5,228,372	5,666,561	3,769,625	3,115,523
Finland -----	166,202	204,209	134,000	140,701
Hungary -----	27,064	30,094	20,817	21,505
Japan -----	4,311,383	4,277,647	2,921,746	2,455,592
Mexico -----	471,462	478,207	319,670	281,768
Peoples Rep of China -----	51,081	68,735	42,700	36,857
Poland -----	91,561	89,325	77,571	39,301
Portugal -----	31,087	22,739	17,307	4,021
Romania -----	82,408	102,530	83,335	32,649
Republic of South Africa -----	30,015	1,693	1,693	613
Korea, Republic of -----	1,419,183	1,560,497	1,055,733	708,238
Spain -----	500,796	458,584	316,680	333,587
Trinidad and Tobago -----	62,575	31,380	23,308	28,096
Venezuela -----	170,571	169,376	121,613	63,915
Yugoslavia -----	15,394	12,734	10,273	4,724
<b>Total-----</b>	<b>14,191,762</b>	<b>15,188,119</b>	<b>10,192,058</b>	<b>8,633,732</b>
<b>Other countries:</b>				
Canada -----	3,763,701	3,373,766	2,373,194	2,143,086
Argentina -----	346,313	557,969	467,425	150,687
Sweden -----	566,885	522,294	444,626	154,393
Turkey -----	407,413	307,985	257,476	149,393
Indonesia -----	235,573	281,142	189,800	50,413
Taiwan -----	257,931	243,886	168,106	99,547
Norway -----	154,194	181,502	127,827	66,668
Thailand -----	120,179	160,176	110,758	47,524
Singapore -----	144,538	153,163	107,746	57,656
India -----	60,231	99,714	79,958	70,165
All others-----	350,185	441,075	327,324	145,332
<b>Total-----</b>	<b>6,407,143</b>	<b>6,322,672</b>	<b>4,654,240</b>	<b>3,134,864</b>
<b>Grand total-----</b>	<b>20,598,905</b>	<b>21,510,791</b>	<b>14,846,298</b>	<b>11,768,596</b>

See footnote(s) at end of table.



Table 20. Total, carbon and certain <sup>1/</sup> 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--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	70,279	118,320	74,949	95,753
Austria -----	49,477	70,268	45,816	30,140
Brazil -----	318,756	451,458	281,968	339,311
Czechoslovakia -----	7,156	11,986	7,399	1,649
East Germany -----	25,328	31,334	18,602	13,497
EC countries -----	2,044,943	2,497,803	1,635,641	1,525,069
Finland -----	51,574	81,482	53,458	56,032
Hungary -----	6,191	8,600	5,626	6,923
Japan -----	2,045,689	2,386,680	1,607,888	1,465,458
Mexico -----	172,255	220,745	145,200	127,442
Peoples Rep of China -----	23,479	27,385	16,448	21,000
Poland -----	26,671	29,711	25,051	13,793
Portugal -----	15,163	10,575	8,670	2,930
Romania -----	25,093	36,033	29,080	11,672
Republic of South Africa -----	7,322	1,487	1,487	476
Korea, Republic of -----	608,066	743,129	497,293	350,731
Spain -----	167,216	193,629	130,579	151,157
Trinidad and Tobago -----	15,482	8,400	6,119	8,722
Venezuela -----	48,835	53,667	39,419	25,672
Yugoslavia -----	5,404	5,925	4,767	2,056
<b>Total-----</b>	<b>5,734,379</b>	<b>6,988,617</b>	<b>4,635,460</b>	<b>4,249,483</b>
<b>Other countries:</b>				
Canada -----	1,591,881	1,593,962	1,111,656	1,065,415
Argentina -----	122,372	221,780	181,338	73,339
Sweden -----	207,367	221,486	174,908	92,315
Turkey -----	123,568	93,038	74,574	48,216
Indonesia -----	56,949	81,687	52,543	17,399
Taiwan -----	104,597	109,041	73,125	58,402
Norway -----	39,717	55,371	35,980	23,795
Thailand -----	43,817	65,167	44,442	20,638
Singapore -----	42,953	50,360	34,914	21,883
India -----	22,038	42,731	33,447	27,707
All others-----	123,858	163,352	117,026	71,600
<b>Total-----</b>	<b>2,479,117</b>	<b>2,697,975</b>	<b>1,933,953</b>	<b>1,520,709</b>
<b>Grand total-----</b>	<b>8,213,496</b>	<b>9,686,592</b>	<b>6,569,413</b>	<b>5,770,192</b>

<sup>1/</sup> 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--August	
			1988	1989
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	0	73	14	0
Brazil -----	13,361	1,683	1,683	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	6,340	3,941	2,286	1,361
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	3,605	1,935	1,691	698
Mexico -----	0	0	0	58
Peoples Rep of China -----	0	0	0	0
Poland -----	0	74	26	267
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	3,556	10,321
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>23,674</b>	<b>14,389</b>	<b>9,256</b>	<b>12,705</b>
<b>Other countries:</b>				
Canada -----	25,200	33,527	22,508	27,078
Sweden -----	7,849	14,491	10,921	6,769
Israel -----	0	0	0	1/
Taiwan -----	0	0	0	1/
<b>Total-----</b>	<b>33,049</b>	<b>48,018</b>	<b>33,429</b>	<b>33,847</b>
<b>Grand total-----</b>	<b>56,723</b>	<b>62,407</b>	<b>42,685</b>	<b>46,552</b>

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--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	0	234	40	0
Brazil -----	3,904	542	542	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	4,418	6,353	3,589	1,463
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	3,581	2,906	2,349	1,410
Mexico -----	0	0	0	121
Peoples Rep of China -----	0	0	0	0
Poland -----	0	102	34	473
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	4,562	7,257
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total</b> -----	<b>13,469</b>	<b>16,904</b>	<b>11,116</b>	<b>10,724</b>
<b>Other countries:</b>				
Canada -----	25,133	52,871	33,610	52,945
Sweden -----	7,692	23,240	16,296	16,219
Israel -----	0	0	0	5
Hong Kong -----	0	0	0	2
Taiwan -----	0	0	0	16
<b>Total</b> -----	<b>32,825</b>	<b>76,111</b>	<b>49,906</b>	<b>69,187</b>
<b>Grand total</b> -----	<b>46,294</b>	<b>93,015</b>	<b>61,022</b>	<b>79,911</b>

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--August	
			1988	1989
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	96	249	154	103
Brazil -----	36	0	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries-----	5,278	7,364	4,729	7,626
Finland -----	2,369	2,730	1,992	804
Hungary -----	0	0	0	0
Japan -----	1,558	2,225	1,501	1,116
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
<b>Total-----</b>	<b>9,339</b>	<b>12,693</b>	<b>8,376</b>	<b>9,653</b>
<b>Other countries:</b>				
Sweden -----	1,744	2,779	1,047	1,276
Canada -----	34	371	235	136
Anguilla -----	0	5	0	0
<b>Total-----</b>	<b>1,778</b>	<b>3,155</b>	<b>1,282</b>	<b>1,412</b>
<b>Grand total-----</b>	<b>11,117</b>	<b>15,848</b>	<b>9,658</b>	<b>11,065</b>

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--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	366	953	637	478
Brazil -----	56	0	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	9,256	15,635	9,084	22,604
Finland -----	3,590	6,147	3,884	2,495
Hungary -----	0	0	0	0
Japan -----	2,339	4,514	2,709	3,235
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
<b>Total</b> -----	<b>15,609</b>	<b>27,299</b>	<b>16,314</b>	<b>28,815</b>
<b>Other countries:</b>				
Sweden -----	3,986	6,775	2,928	3,812
Canada -----	33	889	486	346
Anguilla -----	0	9	0	0
<b>Total</b> -----	<b>4,019</b>	<b>7,673</b>	<b>3,414</b>	<b>4,158</b>
<b>Grand total</b> -----	<b>19,628</b>	<b>34,972</b>	<b>19,728</b>	<b>32,973</b>

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--August	
			1988	1989
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	52	29	11	12
Brazil -----	550	313	313	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries-----	41,504	46,605	29,877	34,908
Finland -----	6,296	6,045	4,360	775
Hungary -----	0	0	0	0
Japan -----	25,733	22,393	15,007	28,033
Mexico -----	18,819	8,814	6,258	7,704
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	5,794	4,242
Spain -----	13,700	14,153	7,082	7,504
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	5	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>116,125</b>	<b>106,202</b>	<b>68,702</b>	<b>83,178</b>
<b>Other countries:</b>				
Sweden -----	7,493	8,433	6,857	4,188
Canada -----	4,892	3,838	2,466	1,854
India -----	341	90	90	0
Honduras -----	0	19	19	0
Peru -----	0	2	2	0
Antigua -----	1	0	0	0
Norway -----	37	0	0	0
Turkey -----	0	0	0	1/
Jordan -----	19	0	0	0
Hong Kong -----	41	0	0	0
All others-----	345	0	0	114
<b>Total-----</b>	<b>13,169</b>	<b>12,382</b>	<b>9,434</b>	<b>6,156</b>
<b>Grand total-----</b>	<b>129,294</b>	<b>118,584</b>	<b>78,136</b>	<b>89,334</b>

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--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	202	136	58	61
Brazil -----	675	480	480	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries-----	65,434	91,017	53,589	77,057
Finland -----	9,834	13,459	8,385	2,280
Hungary -----	0	0	0	0
Japan -----	43,684	50,112	30,759	59,787
Mexico -----	30,157	16,454	10,355	19,304
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	11,960	11,039
Spain -----	20,342	31,308	13,710	17,478
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	21	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>184,816</b>	<b>220,330</b>	<b>129,296</b>	<b>187,006</b>
<b>Other countries:</b>				
Sweden -----	17,785	24,684	18,438	14,710
Canada -----	8,019	9,552	5,790	5,954
India -----	492	172	172	0
Honduras -----	0	35	35	0
Peru -----	0	26	26	0
Antigua -----	11	0	0	0
Norway -----	16	0	0	0
Turkey -----	0	0	0	3
Jordan -----	37	0	0	0
Hong Kong -----	59	0	0	0
All others-----	464	0	0	82
<b>Total-----</b>	<b>26,883</b>	<b>34,469</b>	<b>24,461</b>	<b>20,749</b>
<b>Grand total-----</b>	<b>211,699</b>	<b>254,799</b>	<b>153,757</b>	<b>207,755</b>

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--August	
			1988	1989
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	94	183	163	57
Brazil -----	1,450	3,827	2,580	2,753
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	5,899	8,421	6,455	4,042
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	19,259	16,715	10,958	9,950
Mexico -----	0	49	49	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	963	1,765
Spain -----	3,826	4,285	3,158	2,014
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total</b> -----	<b>33,114</b>	<b>35,104</b>	<b>24,346</b>	<b>20,581</b>
<b>Other countries:</b>				
Sweden -----	3,200	3,708	2,625	931
Canada -----	1,269	1,641	999	399
India -----	126	224	205	49
Taiwan -----	59	49	36	59
Hong Kong -----	0	1/	0	0
Switzerland -----	66	1/	1/	5
Argentina -----	111	0	0	49
Bulgaria -----	46	0	0	0
Jordan -----	0	0	0	10
Indonesia -----	0	0	0	2
<b>Total</b> -----	<b>4,877</b>	<b>5,622</b>	<b>3,865</b>	<b>1,504</b>
<b>Grand total</b> -----	<b>37,991</b>	<b>40,726</b>	<b>28,211</b>	<b>22,085</b>

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--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	257	412	369	157
Brazil -----	2,503	5,743	4,370	6,402
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	11,437	19,765	14,081	12,456
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	36,707	40,671	23,235	30,957
Mexico -----	0	163	163	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	1,743	5,093
Spain -----	6,889	10,122	6,998	5,892
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total</b> -----	<b>62,162</b>	<b>80,335</b>	<b>51,029</b>	<b>60,957</b>
<b>Other countries:</b>				
Sweden -----	6,180	8,981	5,775	3,252
Canada -----	2,136	3,608	2,136	1,325
India -----	199	420	384	106
Taiwan -----	108	162	113	166
Hong Kong -----	0	3	0	0
Switzerland -----	129	1	1	28
Argentina -----	201	0	0	87
Bulgaria -----	70	0	0	0
Jordan -----	0	0	0	41
Indonesia -----	0	0	0	53
<b>Total</b> -----	<b>9,023</b>	<b>13,175</b>	<b>8,409</b>	<b>5,058</b>
<b>Grand total</b> -----	<b>71,185</b>	<b>93,510</b>	<b>59,438</b>	<b>66,015</b>

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--August	
			1988	1989
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	0	49	0	0
Brazil -----	874	964	887	788
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	5,482	6,898	4,189	6,324
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	5,544	5,483	3,798	4,138
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	357	132
Spain -----	1,542	1,979	1,379	1,105
Trinidad and Tobago -----	0	138	138	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	17	17	0
<b>Total</b> -----	<b>14,310</b>	<b>15,903</b>	<b>10,765</b>	<b>12,487</b>
<b>Other countries:</b>				
Sweden -----	3,955	3,159	2,233	2,310
Taiwan -----	47	148	148	0
Canada -----	0	1/	1/	177
<b>Total</b> -----	<b>4,002</b>	<b>3,307</b>	<b>2,381</b>	<b>2,487</b>
<b>Grand total</b> -----	<b>18,312</b>	<b>19,210</b>	<b>13,146</b>	<b>14,974</b>

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--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	0	68	0	0
Brazil -----	1,224	1,543	1,375	1,710
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	11,089	17,917	10,110	19,195
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	8,927	11,611	7,059	11,230
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	526	340
Spain -----	2,539	5,122	3,416	3,322
Trinidad and Tobago -----	0	202	202	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	22	22	0
<b>Total</b> -----	<b>24,929</b>	<b>37,037</b>	<b>22,710</b>	<b>35,797</b>
<b>Other countries:</b>				
Sweden -----	6,995	7,916	4,772	7,553
Taiwan -----	72	328	328	0
Canada -----	0	2	2	496
<b>Total</b> -----	<b>7,067</b>	<b>8,246</b>	<b>5,102</b>	<b>8,049</b>
<b>Grand total</b> -----	<b>31,996</b>	<b>45,283</b>	<b>27,812</b>	<b>43,846</b>

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--August	
			1988	1989
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	1/	1/	1/	1/
Austria -----	37	25	10	77
Brazil -----	188	156	121	364
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	6,763	7,713	4,771	5,125
Finland -----	0	0	0	7
Hungary -----	0	0	0	0
Japan -----	4,254	4,719	2,706	3,277
Mexico -----	0	1	1	6
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	613	433
Spain -----	621	388	231	354
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	3	0	0
Yugoslavia -----	0	0	0	3
<b>Total-----</b>	<b>12,818</b>	<b>13,991</b>	<b>8,453</b>	<b>9,646</b>
<b>Other countries:</b>				
Sweden -----	2,555	2,685	1,709	1,767
Canada -----	2,043	2,277	1,616	1,563
Taiwan -----	1,462	1,221	673	878
Switzerland -----	47	268	180	296
India -----	77	209	100	688
Singapore -----	0	1/	0	0
Israel -----	65	0	0	0
Hong Kong -----	0	0	0	1/
New Zealand -----	15	0	0	0
<b>Total-----</b>	<b>6,264</b>	<b>6,660</b>	<b>4,278</b>	<b>5,192</b>
<b>Grand total-----</b>	<b>19,082</b>	<b>20,651</b>	<b>12,731</b>	<b>14,838</b>

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--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	64	39	33	50
Austria -----	172	117	48	377
Brazil -----	282	304	253	913
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	17,601	23,826	14,022	19,746
Finland -----	0	0	0	58
Hungary -----	0	0	0	0
Japan -----	13,957	18,705	10,629	13,817
Mexico -----	0	6	6	3
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	1,672	1,746
Spain -----	1,280	1,096	570	1,151
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	11	0	0
Yugoslavia -----	0	0	0	4
<b>Total</b> -----	<b>35,612</b>	<b>47,148</b>	<b>27,233</b>	<b>37,865</b>
<b>Other countries:</b>				
Sweden -----	10,548	12,922	7,547	9,935
Canada -----	6,960	9,650	6,398	8,431
Taiwan -----	3,797	3,824	1,971	3,035
Switzerland -----	170	1,254	756	1,393
India -----	159	414	194	1,862
Singapore -----	0	5	0	0
Israel -----	85	0	0	0
Hong Kong -----	0	0	0	4
New Zealand -----	49	0	0	0
<b>Total</b> -----	<b>21,768</b>	<b>28,069</b>	<b>16,866</b>	<b>24,660</b>
<b>Grand total</b> -----	<b>57,380</b>	<b>75,217</b>	<b>44,099</b>	<b>62,525</b>

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--August	
			1988	1989
	Quantity (short tons)			
<b>VRA countries:</b>				
Australia -----	0	23	12	0
Austria -----	395	756	544	479
Brazil -----	0	0	0	12
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries-----	4,430	6,694	4,913	9,496
Finland -----	0	1/	1/	0
Hungary -----	0	0	0	0
Japan -----	7,208	8,365	6,068	6,370
Mexico -----	781	950	545	277
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	1/
Korea, Republic of -----	517	392	272	397
Spain -----	88	388	188	919
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>13,419</b>	<b>17,568</b>	<b>12,542</b>	<b>17,954</b>
<b>Other countries:</b>				
Canada -----	5,432	6,925	5,216	4,460
Taiwan -----	3,571	6,809	4,411	1,860
Sweden -----	4,016	5,253	3,672	3,158
Thailand -----	0	188	49	252
India -----	0	4	2	5
Israel -----	1/	4	4	1/
Switzerland -----	2	1	1/	6
New Zealand -----	0	1/	0	0
Norway -----	1/	0	0	1/
Malaysia -----	1/	0	0	9
All others-----	6	0	0	24
<b>Total-----</b>	<b>13,027</b>	<b>19,184</b>	<b>13,354</b>	<b>9,774</b>
<b>Grand total-----</b>	<b>26,446</b>	<b>36,752</b>	<b>25,896</b>	<b>27,728</b>

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--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	0	135	62	0
Austria -----	1,637	4,157	2,636	3,813
Brazil -----	0	0	0	54
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries-----	14,405	25,735	17,938	32,080
Finland -----	0	1	1	0
Hungary -----	0	0	0	0
Japan -----	22,587	31,923	21,237	35,212
Mexico -----	1,654	2,891	1,458	927
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	4
Korea, Republic of -----	1,412	1,255	836	1,432
Spain -----	282	1,726	704	4,689
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>41,977</b>	<b>67,823</b>	<b>44,872</b>	<b>78,223</b>
<b>Other countries:</b>				
Canada -----	17,196	24,048	16,426	21,534
Taiwan -----	9,190	21,308	11,673	7,586
Sweden -----	12,414	22,285	14,443	17,243
Thailand -----	0	458	112	624
India -----	0	17	8	20
Israel -----	49	77	60	2
Switzerland -----	168	177	129	119
New Zealand -----	0	2	0	0
Norway -----	2	0	0	5
Malaysia -----	2	0	0	30
All others-----	21	0	0	81
<b>Total-----</b>	<b>39,042</b>	<b>68,372</b>	<b>42,851</b>	<b>47,244</b>
<b>Grand total-----</b>	<b>81,019</b>	<b>136,195</b>	<b>87,723</b>	<b>125,467</b>

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--August	
			1988	1989
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	19	0	0	18
Austria -----	2,693	2,538	1,577	1,987
Brazil -----	997	1,920	1,386	1,742
Czechoslovakia -----	0	21	21	0
East Germany -----	0	4	0	0
EC countries -----	10,302	12,795	9,320	21,098
Finland -----	22	5	0	0
Hungary -----	0	0	0	67
Japan -----	6,077	4,416	3,098	13,127
Mexico -----	139	346	322	88
Peoples Rep of China -----	1/	103	49	70
Poland -----	304	249	150	202
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	1,388	779	615	853
Spain -----	47	30	5	63
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>21,988</b>	<b>23,206</b>	<b>16,543</b>	<b>39,315</b>
<b>Other countries:</b>				
Sweden -----	11,669	12,254	8,622	16,878
Canada -----	6,868	8,573	6,181	6,453
Argentina -----	70	42	42	143
India -----	0	19	0	1/
Switzerland -----	1/	1/	0	1/
United Arab Emirates -----	0	0	0	179
Malaysia -----	2	0	0	0
Taiwan -----	1/	0	0	0
<b>Total-----</b>	<b>18,609</b>	<b>20,888</b>	<b>14,845</b>	<b>23,653</b>
<b>Grand total-----</b>	<b>40,597</b>	<b>44,094</b>	<b>31,388</b>	<b>62,968</b>

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--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	31	0	0	41
Austria -----	5,895	6,561	4,103	5,435
Brazil -----	1,349	3,560	2,624	2,657
Czechoslovakia -----	0	33	33	0
East Germany -----	0	6	0	0
EC countries -----	18,504	23,173	16,432	29,102
Finland -----	37	15	0	0
Hungary -----	0	0	0	30
Japan -----	12,370	14,883	10,755	17,079
Mexico -----	142	434	400	122
Peoples Rep of China -----	4	149	85	87
Poland -----	454	468	256	484
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	1,018	1,312
Spain -----	54	40	24	84
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total</b> -----	<b>40,937</b>	<b>50,625</b>	<b>35,730</b>	<b>56,433</b>
<b>Other countries:</b>				
Sweden -----	28,049	30,589	20,599	28,054
Canada -----	9,342	12,019	8,436	8,445
Argentina -----	122	65	65	159
India -----	0	16	0	4
Switzerland -----	2	2	0	1
United Arab Emirates -----	0	0	0	149
Malaysia -----	1	0	0	0
Taiwan -----	1	0	0	0
<b>Total</b> -----	<b>37,517</b>	<b>42,691</b>	<b>29,100</b>	<b>36,812</b>
<b>Grand total</b> -----	<b>78,454</b>	<b>93,316</b>	<b>64,830</b>	<b>93,245</b>

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--August	
			1988	1989
	Quantity (short tons)			
<b>VRA countries:</b>				
Australia -----	20	24	13	19
Austria -----	3,368	3,901	2,473	2,714
Brazil -----	17,456	8,863	6,970	5,659
Czechoslovakia -----	0	21	21	0
East Germany -----	0	4	0	0
EC countries-----	85,998	100,430	66,540	89,980
Finland -----	8,687	8,780	6,352	1,586
Hungary -----	0	0	0	67
Japan -----	73,238	66,251	44,827	66,709
Mexico -----	19,741	10,160	7,176	8,137
Peoples Rep of China -----	26	106	51	74
Poland -----	375	323	176	469
Portugal -----	0	0	0	0
Romania -----	0	18	18	0
Republic of South Africa -----	0	0	0	1/
Korea, Republic of -----	15,689	12,105	8,614	7,823
Spain -----	20,193	27,906	15,599	22,280
Trinidad and Tobago -----	0	138	138	0
Venezuela -----	0	7	0	0
Yugoslavia -----	0	17	17	3
<b>Total-----</b>	<b>244,791</b>	<b>239,054</b>	<b>158,985</b>	<b>205,520</b>
<b>Other countries:</b>				
Canada -----	45,739	57,153	39,221	42,121
Sweden -----	42,482	52,761	37,686	37,276
Taiwan -----	5,484	8,227	5,268	2,912
India -----	544	546	397	743
Switzerland -----	116	270	181	307
Thailand -----	0	188	49	252
Argentina -----	181	42	42	193
Honduras -----	0	19	19	0
Anguilla -----	0	5	0	0
Israel -----	65	4	4	1/
All others-----	167	4	2	225
<b>Total-----</b>	<b>94,778</b>	<b>119,219</b>	<b>82,869</b>	<b>84,029</b>
<b>Grand total-----</b>	<b>339,569</b>	<b>358,273</b>	<b>241,854</b>	<b>289,549</b>

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--August	
			1988	1989
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia	95	174	95	91
Austria	8,529	12,639	7,891	10,320
Brazil	9,993	12,173	9,645	11,734
Czechoslovakia	0	33	33	0
East Germany	0	6	0	0
EC countries	152,144	223,422	138,844	213,702
Finland	13,461	19,623	12,270	4,833
Hungary	0	0	0	30
Japan	144,150	175,325	108,731	172,727
Mexico	31,955	19,948	12,382	20,479
Peoples Rep of China	108	189	125	99
Poland	470	570	289	957
Portugal	0	0	0	0
Romania	0	30	30	0
Republic of South Africa	0	0	0	4
Korea, Republic of	25,652	26,936	17,754	20,962
Spain	32,952	56,181	29,985	39,874
Trinidad and Tobago	0	202	202	0
Venezuela	0	32	0	0
Yugoslavia	0	22	22	4
<b>Total</b>	<b>419,509</b>	<b>547,505</b>	<b>338,298</b>	<b>495,816</b>
<b>Other countries:</b>				
Canada	68,819	112,639	73,283	99,475
Sweden	93,649	137,391	90,799	100,778
Taiwan	13,631	25,622	14,085	10,886
India	851	1,039	757	1,992
Switzerland	469	1,434	887	1,541
Thailand	0	458	112	624
Argentina	323	65	65	247
Honduras	0	35	35	0
Anguilla	0	9	0	0
Israel	134	77	60	6
All others	269	35	26	369
<b>Total</b>	<b>178,145</b>	<b>278,804</b>	<b>180,109</b>	<b>215,918</b>
<b>Grand total</b>	<b>597,654</b>	<b>826,309</b>	<b>518,407</b>	<b>711,734</b>

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-August	
			1988	1989
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	211	240	235	258
Plate-----	332	405	396	406
Sheet and strip:				
Hot rolled-----	308	364	353	385
Cold rolled-----	449	509	501	553
Galvanized-----	503	552	547	576
Tin plate-----	533	567	557	612
Tin free-----	509	542	534	567
Other coated-----	528	590	586	608
Average, sheet and strip-----	433	481	476	516
Bar:				
Hot finished-----	369	406	398	434
Cold finished-----	831	598	582	643
Reinforcing-----	248	262	249	301
Light shapes-----	315	382	368	350
Average, bar-----	400	396	386	422
Wire rod-----	313	347	335	373
Wire-----	631	691	680	735
Wire products-----	628	659	645	1,029
Structural shapes and units:				
Heavy structurals-----	304	376	372	377
Fabricated structurals-----	898	939	925	1,124
Average, structurals-----	378	436	432	440
Rails and related products-----	325	383	380	499
Pipe and tube:				
Oil country tubular goods--	536	730	721	765
Line pipe-----	421	529	514	576
Mechanical pipe-----	623	675	646	734
Structural pipe-----	368	507	490	567
Pressure tubing-----	688	793	726	987
Other (incl. standard)-----	415	487	476	517
Average, pipe and tube-----	459	600	586	622
Average, carbon and certain alloy 1/ steel--	399	450	442	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-August	
			1988	1989
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	816	1,490	1,430	1,717
Plate-----	1,766	2,207	2,043	2,980
Sheet and strip:				
Sheet-----	1,566	2,067	1,889	2,163
Strip-----	2,555	3,331	3,033	3,214
Average, sheet and strip:	1,637	2,149	1,968	2,326
Bars and shapes-----	1,874	2,296	2,107	2,989
Wire rod-----	1,747	2,357	2,116	2,928
Wire-----	3,007	3,642	3,464	4,214
Pipe and tube-----	3,063	3,706	3,387	4,525
Alloy tool steel (all forms)-	1,932	2,116	2,065	1,481
Average, stainless and alloy steel-----	1,760	2,306	2,143	2,458

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-August	
			1988	1989
Quantity (short tons)				
Carbon and certain alloy <u>3/</u> steel:				
Semifinished <u>2/</u>				
Ingots-----	103,967	103,282	88,056	22,565
Blooms and billets-----	426,208	581,907	415,197	381,701
Slabs and sheet bars-----	1,702,095	2,097,383	1,445,786	1,150,675
Total-----	2,232,270	2,782,572	1,949,039	1,554,941
Plate:				
Carbon-----	1,450,898	1,750,917	1,241,921	822,327
Alloy-----	104,678	106,172	75,192	67,714
Total-----	1,555,577	1,857,090	1,317,113	890,041
Sheet and strip:				
Hot rolled:				
Sheet-----	2,123,804	2,199,268	1,415,857	1,103,215
Strip-----	43,197	49,553	31,439	70,969
Cold rolled:				
Black plate-----	159,779	145,166	92,240	98,462
Electrical-----	64,822	64,684	42,632	56,327
Other sheet-----	2,156,348	2,011,242	1,345,488	1,066,624
Other strip-----	135,227	126,534	89,185	76,568
Galvanized-----	2,306,233	1,948,811	1,412,813	1,021,449
Tin plate-----	332,306	294,552	192,958	241,384
Tin free-----	101,172	97,460	58,205	78,183
Other coated-----	323,709	248,111	166,783	165,534
Total-----	7,746,596	7,185,380	4,847,600	3,978,717
Bar:				
Hot rolled:				
Carbon-----	443,037	476,951	315,649	269,535
Alloy-----	160,811	186,902	128,957	102,064
Cold rolled:				
Carbon-----	152,283	161,345	110,347	86,827
Alloy-----	40,927	52,093	33,034	33,492
Reinforcing-----	351,632	357,253	231,164	211,629
Light structural shapes-----	132,477	126,568	88,638	77,997
Total-----	1,281,168	1,361,113	907,789	781,543

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-August	
			'88	1989
Quantity (short tons)				
Wire rod and related products:				
Wire rod:				
Carbon-----	1,341,257	1,355,951	967,902	707,535
Alloy-----	107,463	118,672	76,034	74,434
Wire:				
Carbon-----	504,898	486,699	336,637	299,241
Alloy-----	31,999	33,028	21,861	27,402
Wire products:				
Nails-----	440,746	364,748	253,462	247,122
Barbed wire-----	16,643	15,538	11,632	9,332
Wire fencing-----	13,263	12,052	8,663	37,332
Bale ties-----	1,719	1,849	1,176	740
Wire strand-----	98,898	88,300	55,481	110,825
Wire rope-----	65,683	77,564	47,284	80,504
Milliners wire-----	12,426	12,400	8,741	1/
Total-----	2,634,993	2,566,801	1,788,873	1,594,466
Structurals:				
Heavy-----	1,884,684	1,955,762	1,354,331	1,133,430
Fabricated-----	268,985	232,705	165,687	103,372
Total-----	2,153,669	2,188,467	1,520,018	1,236,802
Rails and related products:				
Rails-----	213,530	260,006	159,947	159,750
Joint bars and tie plates-----	13,969	8,487	7,814	11,792
Track spikes-----	370	205	199	4,831
Wheels and axles-----	18,120	50,734	31,489	42,358
Total-----	245,988	319,432	199,449	218,732
Pipes and tubes:				
Oil country tubular goods-----	594,463	1,032,296	736,036	258,181
Line pipe-----	526,047	507,914	368,437	351,874
Mechanical pipe-----	284,807	382,270	279,975	217,679
Structural pipe-----	428,758	278,870	199,793	223,373
Pressure tubing-----	27,122	52,100	36,405	34,191
Other (including standard)-----	887,446	996,487	695,771	428,057
Total-----	2,748,644	3,249,937	2,316,418	1,513,354

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-August	
	1987	1988	1988	1989	1988	1989
	Quantity (short tons)					
Stainless and alloy tool steel:						
Stainless:						
Semifinished:						
Ingots-----	1,106	3,877	3,739	64		
Blooms and billets-----	48,955	40,772	27,813	30,107		
Slabs and sheet bars-----	6,664	17,758	1,133	16,381		
Total-----	56,725	62,407	42,685	46,552		
Plate-----	11,118	15,847	9,658	11,065		
Sheet and strip:						
Sheet:						
Hot rolled-----	5,179	7,331	4,427	5,022		
Cold rolled-----	114,806	103,577	68,345	70,522		
Strip-----	9,309	7,676	5,364	13,791		
Total-----	129,295	118,584	78,136	89,335		
Bars and shapes-----	37,991	40,724	28,209	22,086		
Wire rod-----	18,311	19,210	13,146	14,974		
Wire-----	19,084	20,653	12,731	14,837		
Pipe and tube-----	26,448	36,752	25,899	27,730		
Alloy tool steel (all forms):						
Semifinished <u>2</u> /-----	6,880	4,408	3,323	804		
Bars-----	19,792	28,867	20,799	1,047		
Other-----	13,927	10,820	7,267	61,116		
Total-----	40,599	44,095	31,388	62,968		

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-August	
			1988	1989
Share of product group totals (percent)				
Carbon and certain alloy <u>3</u> / steel:				
Semifinished <u>2</u> / Ingots-----	4.66	3.71	4.52	1.45
Blooms and billets-----	19.09	20.91	21.30	24.55
Slabs and sheet bars-----	76.25	75.38	74.18	74.00
Total-----	100.00	100.00	100.00	100.00
Plate:				
Carbon-----	93.27	94.28	94.29	92.39
Alloy-----	6.73	5.72	5.71	7.61
Total-----	100.00	100.00	100.00	100.00
Sheet and strip:				
Hot rolled:				
Sheet-----	27.42	30.61	29.21	27.73
Strip-----	0.56	0.69	0.65	1.78
Cold rolled:				
Black plate-----	2.06	2.02	1.90	2.47
Electrical-----	0.84	0.90	0.88	1.42
Other sheet-----	27.84	27.99	27.76	26.81
Other strip-----	1.75	1.76	1.84	1.92
Galvanized-----	29.77	27.12	29.14	25.67
Tin plate-----	4.29	4.10	3.98	6.07
Tin free-----	1.31	1.36	1.20	1.97
Other coated-----	4.18	3.45	3.44	4.16
Total-----	100.00	100.00	100.00	100.00
Bar:				
Hot rolled:				
Carbon-----	34.58	35.04	34.77	34.49
Alloy-----	12.55	13.73	14.21	13.06
Cold rolled:				
Carbon-----	11.89	11.85	12.16	11.11
Alloy-----	3.19	3.83	3.64	4.29
Reinforcing-----	27.45	26.25	25.46	27.08
Light structural shapes-----	10.34	9.30	9.76	9.98
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-August	
			1988	1989
			Share of product group totals (percent)	
Wire rod and related products:				
Wire rod:				
Carbon-----	50.90	52.83	54.11	44.37
Alloy-----	4.08	4.62	4.25	4.67
Wire:				
Carbon-----	19.16	18.96	18.82	18.77
Alloy-----	1.21	1.29	1.22	1.72
Wire products:				
Nails-----	16.73	14.21	14.17	15.50
Barbed wire-----	0.63	0.61	0.65	0.59
Wire fencing-----	0.50	0.47	0.48	2.34
Bale ties-----	0.07	0.07	0.07	0.05
Wire strand-----	3.75	3.44	3.10	6.95
Wire rope-----	2.49	3.02	2.64	5.05
Milliners wire-----	0.47	0.48	0.49	1/
Total-----	100.00	100.00	100.00	100.00
Structurals:				
Heavy-----	87.51	89.37	89.10	91.64
Fabricated-----	12.49	10.63	10.90	8.36
Total-----	100.00	100.00	100.00	100.00
Rails and related products:				
Rails-----	86.80	81.40	80.19	73.03
Joint bars and tie plates-----	5.68	2.66	3.92	5.39
Track spikes-----	0.15	0.06	0.10	2.21
Wheels and axles-----	7.37	15.88	15.79	19.37
Total-----	100.00	100.00	100.00	100.00
Pipes and tubes:				
Oil country tubular goods-----	21.63	31.76	31.77	17.06
Line pipe-----	19.14	15.63	15.91	23.25
Mechanical pipe-----	10.36	11.76	12.09	14.38
Structural pipe-----	15.60	8.58	8.63	14.76
Pressure tubing-----	0.99	1.60	1.57	2.26
Other (including standard)-----	32.29	30.66	30.04	28.29
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-August	
					1988	1989
Share of product group totals (percent)						
Stainless and alloy tool steel:						
Stainless:						
Semifinished:						
Ingots-----	1.95	6.21	8.76	0.14		
Blooms and billets-----	86.30	65.33	65.16	64.67		
Slabs and sheet bars-----	11.75	28.45	26.08	35.19		
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	5.67	5.62		
Cold rolled-----	88.79	87.34	87.47	78.94		
Strip-----	7.20	6.47	6.86	15.44		
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 <sup>2/</sup> -----	16.95	10.00	10.59	1.28		
Bars-----	48.75	65.47	66.26	1.66		
Other-----	34.30	24.54	23.15	97.06		
Total-----	100.00	100.00	100.00	100.00		

<sup>1/</sup> Milliners wire is included in total wire products.

<sup>2/</sup> Semifinished steel includes ingots, blooms, billets, slabs, and sheet bars.

<sup>3/</sup> 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-August	
			1988	1989
Atlantic Coast	4,673,187	4,743,215	3,431,194	2,586,518
Great Lakes-Canadian border	6,594,724	6,342,613	3,937,632	3,432,703
Gulf Coast-Mexican border	4,930,247	5,938,464	4,376,882	3,078,427
Off-shore	374,262	403,506	241,361	290,921
Pacific Coast	4,366,056	4,441,267	3,101,085	2,669,575
Total	20,938,475	21,869,065	15,088,153	12,058,143

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-August	
			1988	1989
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	384,562	471,964	337,819	249,989
Plate-----	258,880	331,537	241,697	153,456
Sheet and strip-----	1,900,352	1,771,637	1,320,495	926,371
Bars and certain shapes-----	222,055	220,708	158,507	101,536
Wire rod-----	310,731	297,606	214,200	129,375
Wire-----	119,558	108,857	76,910	62,032
Wire products-----	266,335	220,011	145,359	175,953
Structural shapes and units-----	581,450	602,240	433,581	382,812
Rails and related products-----	25,273	36,885	28,115	21,033
Pipe and tube-----	462,405	523,784	367,601	244,746
Total-----	4,531,600	4,585,229	3,324,284	2,447,304
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	15,595	24,249	16,728	11,119
Plate-----	4,167	6,134	3,449	6,005
Sheet and strip-----	42,918	45,874	29,199	32,956
Bars and certain shapes-----	19,945	22,371	16,435	12,448
Wire rod-----	13,117	13,526	9,279	11,258
Wire-----	10,357	10,593	6,409	7,902
Pipe and tube-----	10,147	12,391	9,054	11,382
Tool steel (all forms)-----	25,340	22,848	16,356	46,144
Total-----	141,586	157,986	106,910	139,213
Grand Total-----	4,673,187	4,743,215	3,431,194	2,586,518

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-August	
			1988	1989
Carbon and certain alloy <sup>1/</sup> steel:				
Semifinished <sup>2/</sup> -----	498,851	414,978	224,275	244,039
Plate-----	663,496	723,681	474,422	314,815
Sheet and strip-----	2,630,195	2,396,464	1,395,986	1,202,334
Bars and certain shapes-----	561,285	625,771	408,122	339,492
Wire rod-----	565,070	545,070	354,998	343,197
Wire-----	251,126	253,271	173,807	161,940
Wire products-----	95,457	83,750	60,139	72,611
Structural shapes and units---	566,003	522,423	327,494	243,203
Rails and related products---	107,729	179,981	106,978	110,533
Pipe and tube-----	564,259	488,579	339,655	325,464
Total-----	6,503,470	6,233,970	3,865,876	3,357,629
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished <sup>2/</sup> -----	27,149	34,966	23,911	27,502
Plate-----	1,971	3,246	1,630	1,233
Sheet and strip-----	34,156	33,923	21,131	22,278
Bars and certain shapes-----	4,170	4,098	2,513	1,200
Wire rod-----	1,047	661	419	549
Wire-----	4,794	6,053	3,919	4,103
Pipe and tube-----	6,134	7,833	5,848	5,003
Tool steel (all forms)-----	11,832	17,864	12,385	13,206
Total-----	91,254	108,644	71,755	74,074
Grand Total-----	6,594,724	6,342,613	3,937,632	3,432,703

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

<sup>2/</sup> 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-August	
			1988	1989
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	866,421	1,061,770	846,093	530,299
Plate-----	419,658	567,614	427,890	280,388
Sheet and strip-----	1,515,043	1,558,244	1,126,474	900,729
Bars and certain shapes-----	131,573	137,056	94,369	95,034
Wire rod-----	257,709	349,946	271,106	165,056
Wire-----	76,094	64,524	44,016	42,117
Wire products-----	107,410	105,823	74,226	94,106
Structural shapes and units--	473,758	493,074	345,392	242,060
Rails and related products--	61,358	64,016	35,670	56,616
Pipe and tube-----	259,115	1,493,874	1,081,910	629,221
Total-----	4,868,139	5,895,942	4,347,146	3,035,626
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	13,974	3,131	1,996	7,931
Plate-----	2,714	3,233	2,361	2,464
Sheet and strip-----	29,042	16,038	11,884	17,045
Bars and certain shapes-----	5,951	6,668	4,126	3,640
Wire rod-----	1,117	1,220	893	1,204
Wire-----	1,350	606	381	801
Pipe and tube-----	6,665	10,896	7,449	8,644
Tool steel (all forms)-----	1,295	730	646	1,070
Total-----	62,108	42,523	29,736	42,800
Grand Total-----	4,930,247	5,938,464	4,376,882	3,078,427

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-August	
			1988	1989
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	0	3/	0	0
Plate-----	6,693	13,906	7,780	4,176
Sheet and strip-----	90,238	72,445	38,457	46,752
Bars and certain shapes-----	164,360	157,820	107,977	160,704
Wire rod-----	11,940	16,953	12,538	5,174
Wire-----	11,147	14,739	9,509	8,759
Wire products-----	7,285	10,190	7,204	4,381
Structural shapes and units-----	22,499	21,786	11,538	23,165
Rails and related products-----	445	88	8	301
Pipe and tube-----	58,545	93,829	45,247	36,268
Total-----	373,151	401,758	240,259	289,680
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	0	0	0	0
Plate-----	0	3/	3/	1
Sheet and strip-----	1	0	0	150
Bars and certain shapes-----	0	15	15	3/
Wire rod-----	0	0	0	0
Wire-----	1,074	1,690	1,044	776
Pipe and tube-----	36	42	42	18
Tool steel (all forms)-----	0	0	0	295
Total-----	1,111	1,748	1,102	1,241
Grand Total-----	374,262	403,506	241,361	290,921

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

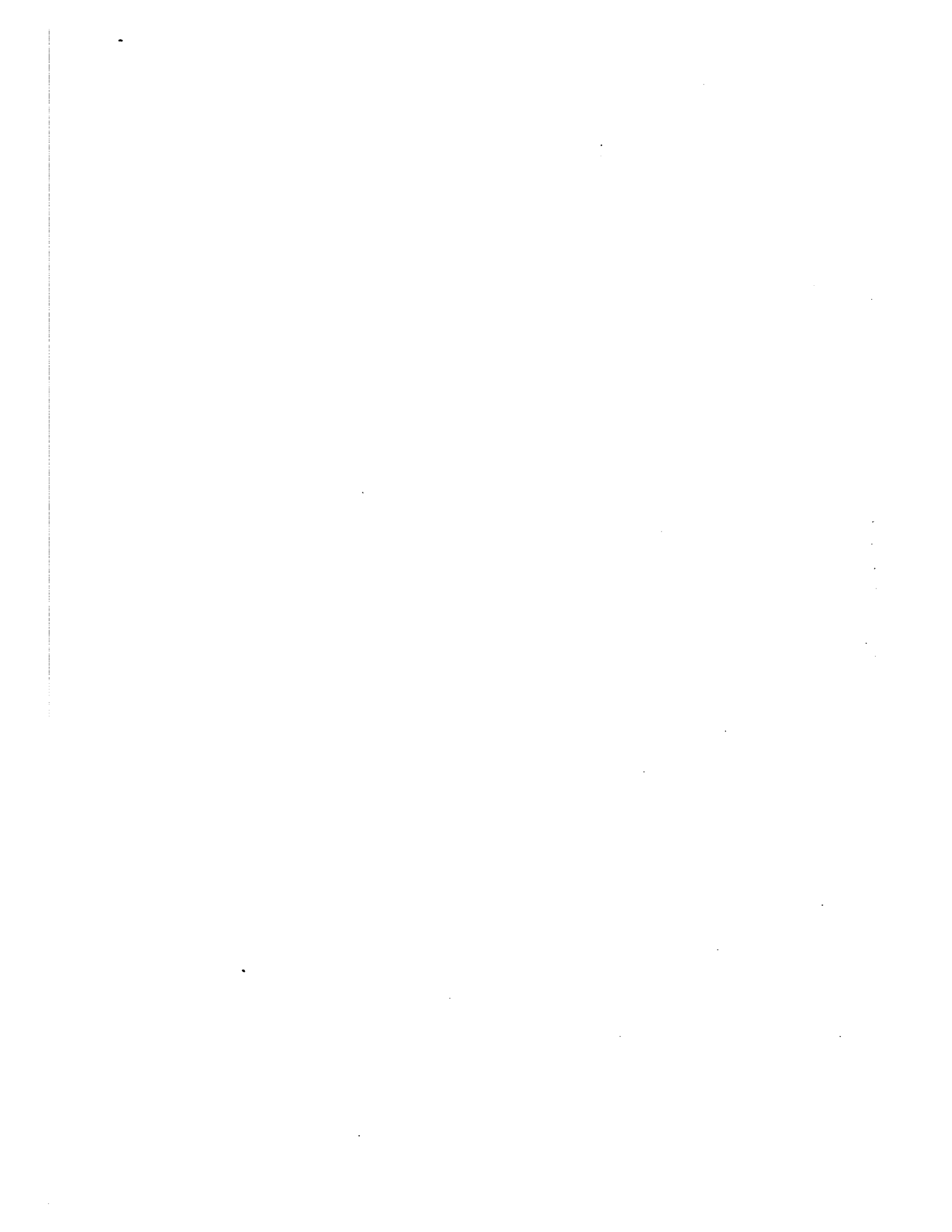
(Short tons)

Item	1987	1988	January-August	
			1988	1989
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	482,436	833,859	540,853	530,613
Plate-----	206,851	220,352	165,324	137,206
Sheet and strip-----	1,610,768	1,386,590	966,187	902,531
Bars and certain shapes-----	201,894	219,758	138,813	84,776
Wire rod-----	303,270	265,048	191,095	139,167
Wire-----	78,972	78,336	54,256	51,795
Wire products-----	172,890	152,677	99,511	138,803
Structural shapes and units-----	509,959	548,943	402,012	345,562
Rails and related products-----	51,183	38,461	28,679	30,249
Pipe and tube-----	704,321	649,871	482,005	277,655
Total-----	4,322,545	4,393,893	3,068,734	2,638,356
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	7	61	50	0
Plate-----	2,266	3,233	2,217	1,361
Sheet and strip-----	23,178	22,749	15,921	16,906
Bars and certain shapes-----	7,925	7,573	5,121	4,797
Wire rod-----	3,030	3,803	2,555	1,963
Wire-----	1,508	1,711	977	1,255
Pipe and tube-----	3,465	5,590	3,507	2,683
Tool steel (all forms)-----	2,132	2,653	2,002	2,254
Total-----	43,511	47,373	32,350	31,219
Grand Total-----	4,366,056	4,441,267	3,101,085	2,669,575

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:

Continuous 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 shaped 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, 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 7210.50.0000 of the HTS.

(G) Other metallic 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 irregularly 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 7221.00.0040 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<sup>3</sup> 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 are hot-rolled steel products which are punched to provide holes for spikes and have one or two shoulder sections as rail guides and are used to support rails in track, to maintain track gauge, and protect the ties; all the foregoing, as provided for in items 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 7304.10.1020, 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, 7227.10.0000, 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

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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 9908.00.30, 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
(I) 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



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## (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.

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(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 restraint 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.

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## (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--

- (1) 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.

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- (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-  
4810 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 98,  
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 0.50 percent chromium, or  
over 0.30 percent cobalt, or  
over 0.15 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 chromium;  
or
- (C) Not less than 0.65 percent carbon and 1.0  
percent to 1.8 percent inclusive manganese;

(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  
30.32cm 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  
17.652mm 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(a)(ii)  
in 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.....	250,386	501,678
	Japan.....	3,213,281	6,427,470
	Korea.....	439,989	860,885
	Mexico.....	25,401	51,710
	Spain.....	987,913	1,995,827
	Sweden.....	308,446	616,882
	Taiwan.....	22,680	45,360
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter.....	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.....	48,267	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	(*)
	Canada.....	211,376	(*)
	Japan.....	2,707,974	(*)
	Korea.....	367,414	(*)
	Mexico.....	24,484	(*)
	Spain.....	840,969	(*)
	Sweden.....	259,457	(*)
	Taiwan.....	19,051	(*)
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter.....	44,453	(*)

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 18.798mm 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.....	* 1,439,717	2,879,434
	Korea.....	* 238,592	476,277
	Spain.....	* 421,845	844,598
	Sweden.....	* 899,936	1,799,873
9903.72.22	Other, except as provided in U.S. note 4(g)(ii) to this subchapter.....	* 87,998	151,501
	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
9903.72.24	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
	If entered during the period from July 20, 1989, through September 30, 1989 inclusive:		
	Austria.....	9,979	( <sup>2</sup> )
	Japan.....	1,212,918	( <sup>2</sup> )
	Korea.....	355,620	( <sup>2</sup> )
	Spain.....	355,620	( <sup>2</sup> )
	Sweden.....	758,414	( <sup>2</sup> )
	Other, except as provided in U.S. note 4(g) (ii) to this subchapter.....	63,504	( <sup>2</sup> )

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, 7228.20, 7228.91.10, 7228.91.30, 7228.91.50, 7228.91.70, 7228.91.80, 7228.92.10, 7228.92.30, 7228.92.50, 7228.92.70, 7228.92.80, 7228.99, 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 .....	360,156	719,405
	Japan .....	1,048,716	2,098,340
	Korea .....	345,641	681,282
	Mexico .....	58,060	117,935
	Poland .....	77,111	155,130
	Spain .....	40,824	83,462
	Sweden .....	1,979,497	3,958,995
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter .....	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	( <sup>1</sup> )
	Japan .....	883,607	( <sup>1</sup> )
	Korea .....	203,931	( <sup>1</sup> )
	Mexico .....	51,710	( <sup>1</sup> )
	Poland .....	62,596	( <sup>1</sup> )
	Spain .....	35,381	( <sup>1</sup> )
	Sweden .....	1,667,423	( <sup>1</sup> )
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter .....	61,689	( <sup>1</sup> )

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 .....	997,813	1,895,827
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	( <sup>1</sup> )

