

# **MONTHLY REPORTS 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**



**USITC PUBLICATION 2007**

**SEPTEMBER 1987**

# UNITED STATES INTERNATIONAL TRADE COMMISSION

## COMMISSIONERS

**Susan Liebeler, Chairman**  
**Anne E. Brunsdale, Vice Chairman**  
**Alfred E. Eckes**  
**Seeley G. Lodwick**  
**David B. Rohr**

---

This report was prepared principally by

Karen Laney-Cummings

Anna Mae Toth

Minerals and Metals Division

---

Office of Industries

Erland Heginbotham, Director

Address all communications to  
**Kenneth R. Mason, Secretary to the Commission**  
**United States International Trade Commission**  
**Washington, DC 20436**

## Product Summary

### Shifts in Non-VRA Import Shares, by Product

Previous monthly reports have noted that since the establishment of steel voluntary restraint agreements (VRAs) in 1984, the share of imports from non-VRA producer nations has increased for total steel mill products. This summary distinguishes shifts in the export mix of non-VRA countries on a product-specific basis.

Table 1 shows the import market share maintained by non-VRA nations for all carbon and alloy (except stainless and tool steel grades) products.

Table 1.—Non-VRA import share (%) of carbon and certain alloy products, 1983, 1986, and by specified periods, 1986 and 1987

Item	1983	1986	<u>Absolute % change</u> 1983-1986	<u>January-May</u> 1986	1987	<u>Absolute % change</u> Jan-May 1986/1987
Carbon and alloy (other than stainless or tool steel) products:						
Semifinished.....	60	25	-35	25	27	2
Plates .....	22	25	3	21	42	21
Sheet and strip...	10	14	4	14	23	9
Bars.....	31	55	24	53	57	4
Wire Rod.....	39	46	7	42	58	16
Wire.....	32	40	8	41	41	0
Wire products.....	19	33	14	30	38	8
Structurals.....	16	26	10	25	24	1
Rails.....	10	31	21	13	22	9
Pipe and tube.....	15	26	11	19	40	21

Over the 1983-1986 period, all products except semifinished steel showed an increase in non-VRA market share. There were, however, wide discrepancies among categories. The largest increases were recorded in certain long products and pipe and tube, with smaller increases in sheet and strip and plate.

Interestingly, the 1987 year-to-date data depict a different pattern for flat products over that of 1983-1986. Increases in non-VRA import share for these products were up markedly over a similar period in 1986, with absolute hikes of 21% and 9% for plates and sheet and strip, respectively. Non-VRA market shares for other products also continued to expand, led by an increase of 21 percentage points in tubular products.

Table 2 displays non-VRA import share data over the same periods for the four stainless steel products to which voluntary restraint agreements generally apply.

Table 2.—Non-VRA import share (%) of stainless steel products, 1983, 1986, and by specified periods, 1986 and 1987

Item	1983	1986	Absolute % change	January-May		Absolute % change
			1983-1986	1986	1987	Jan-May 1986/1987
Stainless steel:						
Plates.....	7	11	4	6	15	9
Sheet and strip...	10	11	1	9	11	2
Wire.....	31	35	4	33	32	-1
Pipe and tube.....	30	47	17	39	58	19

Over the 1983-1986 period, the non-VRA import market share of stainless pipe and tube products showed the largest increase of any category, rising by 17 percentage points. In the year-to-date periods January-May 1986/1987, in addition to continued increases in pipe and tube, the non-VRA import share of stainless plates has also increased. The increase in stainless plates parallels the large increase in levels of carbon plates. The non-VRA share of stainless sheet and strip imports does not show any significant increase from the levels of previous years.

Gerard Dages  
523-0270

## Summary Subject Index

	<u>USITC</u> <u>Publication</u>	<u>Date</u>
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



## Preface

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

### Background of VRA's

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

### Specialty steel

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

---

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

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

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

#### Current Status of VRA's

To date VRA's have been negotiated with 18 countries and the EC (excluding Portugal and Spain, which negotiated separate agreements). The agreements have taken the form of market share arrangements and quotas, or a combination thereof. The agreements are tailored to each country, with considerable variation in the number of individual product categories subject to limitation. Following is a list of countries subject to the VRA's and estimates of their respective overall limitations on a market share basis.



Countries Subject to VRA's

<u>Market share agreements:</u>	<u>Overall 1987 import share 1/ (% of U.S. apparent consumption)</u>
Australia	0.25
Austria	0.21
Brazil	1.50
EC	5.90
Finland	0.22
Japan	5.50
Mexico	0.41
South Africa <u>2/</u>	0.0
South Korea	1.80
Spain	0.70

Quota level for 1987 in short tons and as a  
share of apparent U.S. consumption  
(estimated) 3/

<u>Quota agreements</u>	(Short tons)	(Percent)
Czechoslovakia	40,000	0.04
East Germany	110,000	0.13
Hungary	34,000	0.04
Poland	90,000	0.10
Portugal	40,000	0.05
Romania	105,000	0.12
Venezuela	199,100	<u>4/</u> 0.23
Yugoslavia	25,200	0.03
People's Republic of China	68,000	0.08

Semifinished steel agreements      Quota level for 1987 (short tons)

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

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

2/ Steel imports from South Africa in 1987 are reduced by the Comprehensive Anti-Apartheid Act of 1986 which embargoes certain steel products.

3/ Including semifinished steel, except as noted. Does not include adjustments for overages in 1986.

4/ Excluding semifinished steel.

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

Structure of the Report

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

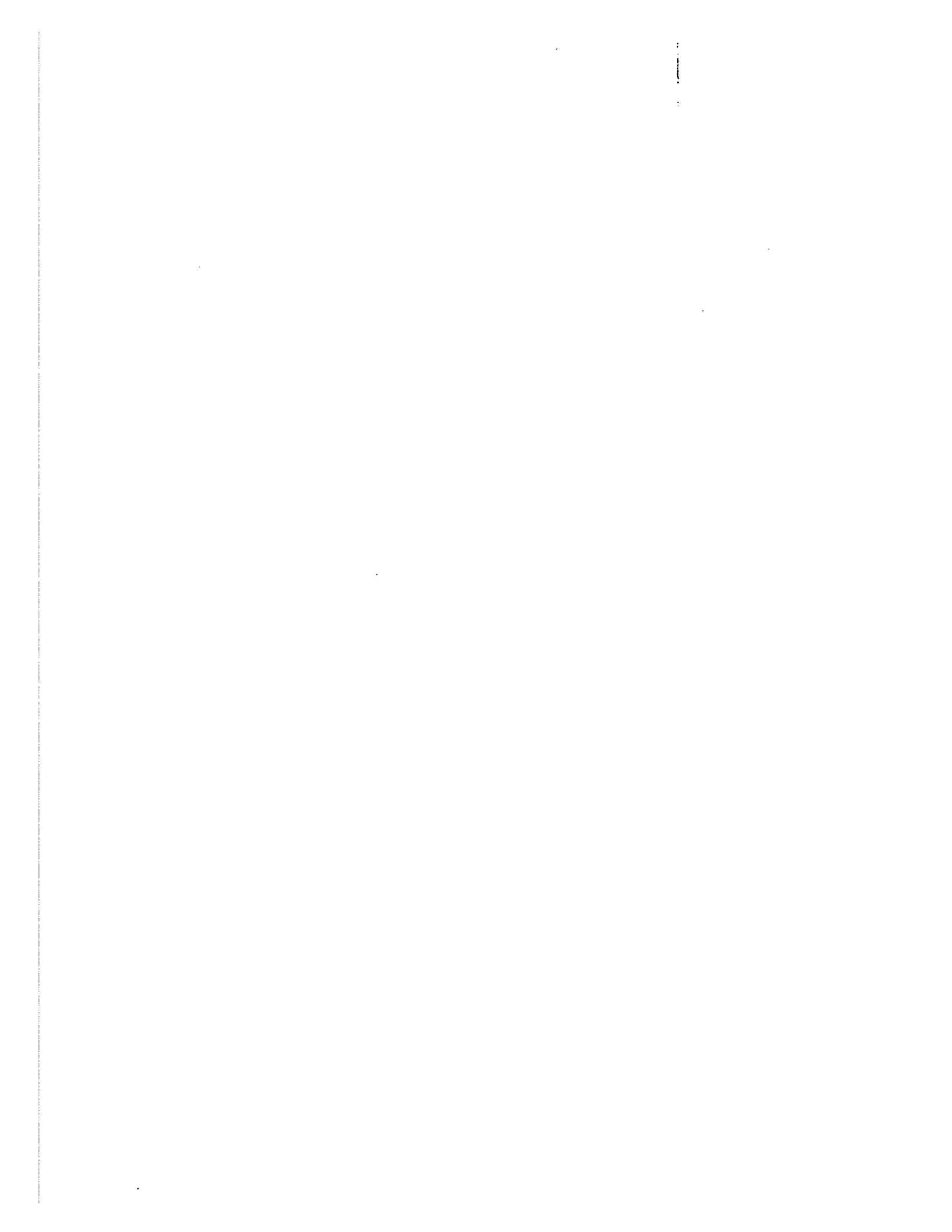
Notes on Product Coverage and Methodology

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

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

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

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



## CONTENTS

	<u>Page</u>
Summary	i
Preface	v
Appendix A. Definition of certain terms, and description of the products subject to the investigation	A-1
Appendix B. Specialty steel relief provisions	B-1

## Tables

1. Steel: U.S. raw steel production, capability utilization, employment, wages, shipments, imports, exports, apparent consumption, net sales, and net income, 1982-86	1
2. Steel mill products and certain fabricated steel products: U.S. producers' shipments, by product and grade of steel, 1982-86	2
3. Steel mill products and certain fabricated steel products: U.S. imports, by product and grade of steel, 1982-86	3
4. Steel mill products and certain fabricated steel products: U.S. exports of domestic merchandise, by product and grade of steel, 1982-86	4
5. Steel mill products and certain fabricated steel products: Apparent U.S. consumption, by product and grade of steel, 1982-86	5
6. Steel mill products and certain fabricated steel products: U.S. imports as a percent of apparent consumption, by product and grade of steel, 1982-86	6
7. Steel mill products and certain fabricated steel products: U.S. imports for consumption, by specified sources, 1983-86	7
8. Steel other than semifinished steel: U.S. imports for consumption, and imports as a percent of apparent U.S. consumption, by specified sources, 1983-86	9
9. Semifinished steel: U.S. imports for consumption, by specified sources, 1983-86	11
10. Carbon and certain alloy semifinished steel: U.S. imports for consumption, by specified sources, 1983-86	12
11. Carbon and certain alloy steel plate: U.S. imports for consumption, by specified sources, 1983-86	14
12. Carbon and certain alloy steel sheet and strip: U.S. imports for consumption, by specified sources, 1983-86	16
13. Carbon and certain alloy steel bar and light shapes: U.S. imports for consumption, by specified sources, 1983-86	18

## CONTENTS

## Tables

	<u>Page</u>
14. Carbon and certain alloy steel wire rod: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987-----	20
15. Carbon and certain alloy steel wire: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987-----	22
16. Carbon and certain alloy steel wire products: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987-----	24
17. Carbon and certain alloy steel structural shapes: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987-----	26
18. Carbon and certain alloy steel rails and related products: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987-----	28
19. Carbon and certain alloy steel pipe and tube: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987-----	30
20. Total, carbon and certain alloy steel products: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987-----	32
21. Stainless semifinished steel: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987-----	34
22. Stainless steel plate: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987-----	36
23. Stainless steel sheet and strip: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987-----	38
24. Stainless steel bars and shapes: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987-----	40
25. Stainless steel wire rod: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987-----	42
26. Stainless steel wire: U.S. imports for consumption by specified sources, 1985, 1986, and by specified periods, 1986 and 1987-----	44
27. Stainless steel pipe and tube: U.S. imports for consumption by specified sources, 1985, 1986, and by specified periods, 1986 and 1987-----	46
28. Alloy tool steel (all forms): U.S. imports for consumption by specified sources, 1985, 1986, and by specified periods, 1986 and 1987-----	48
29. Total, stainless and alloy tool steel products: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987-----	50

## CONTENTS

## Tables

	<u>Page</u>
30. Steel mill products and certain fabricated steel products: Unit value of U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987-----	52
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, 1985, 1986, and by specified periods, 1986 and 1987-----	54
32. Steel mill products and certain fabricated steel products: U.S. imports for consumption, by customs areas, 1985, 1986, and by specified periods, 1986 and 1987-----	60
33. Steel mill products and certain fabricated steel products: U.S. imports for consumption, through the Atlantic Coast customs area, 1985, 1986, and by specified periods, 1986 and 1987-----	61
34. Steel mill products and certain fabricated steel products: U.S. imports for consumption, through the Great Lakes-Canadian border customs area, 1985, 1986, and by specified periods, 1986 and 1987-----	62
35. Steel mill products and certain fabricated steel products: U.S. imports for consumption, through the Gulf Coast-Mexican border customs area, 1985, 1986, and by specified periods, 1986 and 1987-----	63
36. Steel mill products and certain fabricated steel products: U.S. imports for consumption, through Off-shore customs area, 1985, 1986, and by specified periods, 1986 and 1987-----	64
37. Steel mill products and certain fabricated steel products: U.S. imports for consumption, through the Pacific Coast customs area, 1985, 1986, and by specified periods, 1986 and 1987-----	65





Table 1.—Steel: U.S. raw steel production, capability utilization, employment, wages, shipments, imports, exports, apparent consumption, net sales, and net income 1982–86, and by specified periods, 1986 and 1987

Item	1982	1983	1984	1985	1986 <u>1/</u>	January–June	
						1986	1987
Raw steel:							
Production.....1,000 short tons—	74,577	84,615	92,528	88,259	80,470	44,966	41,933
Capability utilization.....percent—	48.4	56.2	68.4	66.1	62.9	70.0	75.3
Continuously cast.....percent—	29.0	32.1	39.6	44.4	54.1	48.9	60.28
Employment:							
Total.....thousands—	289	243	236	208	174	189	155
Receiving wages.....do—	198	169	171	151	128	139	114
Hourly employment cost <u>2/</u> .....dollars—	23.78	22.21	21.30	22.81	23.24	23.59	23.23
Steel:							
Shipments.....1,000 short tons—	61,567	67,584	73,740	72,698	69,948 <sup>1</sup>	36,858	36,527
Imports.....do—	17,054	17,477	26,705	24,885	20,692	10,710	10,282
Exports.....do—	1,982	1,282	1,081	992	367	437	542
Apparent consumption.....do—	76,638	83,779	99,363	96,591	89,711	47,131	46,268
Ratio of imports to consumption...percent—	22.3	20.9	26.9	25.8	23.1	22.7	22.2
Financial:							
All operations:							
Net sales.....millions dollars—	55,255	45,974	53,619	53,651	41,912	<u>3/</u> 12,313	<u>3/</u> 9,980
Net income.....do—	(3,155)	(2,603)	(301)	(1,210)	(6,094)	<u>3/</u> (607)	<u>3/</u> 238
Ratio of net sales to income...percent—	(5.7)	(5.7)	(0.6)	(2.3)	(14.5)	<u>3/</u> (4.9)	<u>3/</u> 2.4
Steel operations:							
Net steel sales.....millions dollars—	28,239	24,463	30,132	29,473	24,891	<u>4/</u>	<u>4/</u>
Net steel income.....do—	(3,384)	(2,231)	(186)	(1,743)	(4,203)	<u>4/</u>	<u>4/</u>
Ratio of net sales to income...percent—	(12.0)	(9.1)	(0.6)	(5.9)	(16.9)	<u>4/</u>	<u>4/</u>

1/ Preliminary.

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

3/ First quarter only.

4/ Available only on annual basis.

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, 1982-1986, and by specified periods, 1986 and 1987

(Short tons)

Item	1982	1983	1984	1985	1986	January-June	
						1986	1987
<b>All grades of steel:</b>							
Semifinished-----	1,280,555	998,242	1,306,044	1,374,524	1,388,649	694,107	1,012,078
Plate-----	4,146,257	3,816,069	4,338,993	4,327,347	3,531,806	2,048,296	1,771,257
Sheet and strip-----	32,237,669	39,104,792	40,878,749	40,850,298	40,055,641	21,021,966	20,858,450
Bars & certain shapes 1/--	10,812,437	11,699,722	13,232,473	12,667,539	12,101,642	6,429,345	6,253,311
Wire rod-----	2,410,713	2,857,394	3,090,036	2,961,769	3,493,632	1,759,269	1,935,323
Wire-----	1,003,133	1,010,410	962,726	874,135	797,859	441,892	397,133
Wire products-----	305,149	348,794	259,616	262,268	278,068	143,071	170,556
Structural shapes & units--	3,563,434	3,622,050	4,156,233	4,698,305	4,815,432	2,453,663	2,365,969
Rails & related products--	781,815	883,907	1,238,900	931,313	647,697	419,741	254,064
Pipe and tube-----	5,026,140	3,242,147	4,275,759	4,095,825	2,836,458	1,715,431	1,509,343
<b>Total-----</b>	<b>61,567,302</b>	<b>67,583,527</b>	<b>73,739,529</b>	<b>73,043,323</b>	<b>69,946,884</b>	<b>37,126,781</b>	<b>36,527,484</b>
<b>Carbon &amp; certain alloy 2/ steel:</b>							
Semifinished-----	1,243,719	963,421	1,266,364	1,327,766	1,339,062	667,882	979,722
Plate-----	4,048,910	3,715,228	4,223,128	4,185,883	3,415,947	1,985,098	1,697,642
Sheet and strip-----	31,655,328	38,322,411	40,058,979	40,018,167	39,256,239	20,622,376	20,394,888
Bars & certain shapes-----	10,671,155	11,552,450	13,031,564	12,478,002	11,926,843	6,333,572	6,164,264
Wire rod-----	2,388,669	2,822,416	3,038,112	2,931,897	3,457,233	1,741,872	1,913,586
Wire-----	986,155	983,850	933,382	851,841	773,204	428,849	382,815
Wire products-----	305,149	348,794	259,616	262,268	278,068	143,071	170,556
Structural shapes & units--	3,563,434	3,622,050	4,156,233	4,698,305	4,815,432	2,453,663	2,365,969
Rails & related products--	781,815	883,907	1,238,900	931,313	647,697	419,741	254,064
Pipe and tube-----	4,985,338	3,185,736	4,224,071	4,046,771	2,794,218	1,692,405	1,490,534
<b>Total-----</b>	<b>60,629,672</b>	<b>66,400,263</b>	<b>72,430,349</b>	<b>71,732,213</b>	<b>68,703,943</b>	<b>36,488,529</b>	<b>35,814,040</b>
<b>Stainless &amp; alloy tool steel:</b>							
<b>Stainless steel:</b>							
Semifinished-----	36,836	34,821	39,680	46,758	49,587	26,225	32,356
Plate-----	97,347	100,841	115,865	141,464	115,859	63,198	73,615
Sheet and strip-----	582,341	782,381	819,770	832,131	799,402	399,590	463,562
Bars & certain shapes-----	97,285	101,107	139,980	129,267	119,024	65,613	60,422
Wire rod-----	22,044	34,978	51,924	29,872	36,399	17,397	21,737
Wire-----	16,978	26,560	29,344	22,294	24,655	13,043	14,318
Pipe and tube-----	40,802	56,411	51,688	49,054	42,240	23,026	18,809
<b>Tool steel (all forms)-----</b>	<b>43,997</b>	<b>46,165</b>	<b>60,929</b>	<b>60,270</b>	<b>55,775</b>	<b>30,160</b>	<b>28,625</b>
<b>Total-----</b>	<b>937,630</b>	<b>1,183,264</b>	<b>1,309,180</b>	<b>1,311,110</b>	<b>1,242,941</b>	<b>638,252</b>	<b>713,444</b>

1/ Includes tool steel.

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

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

Table 3.--Steel mill products and certain fabricated steel products: U.S. imports, by product and grade of steel, 1982-1986, and by specified periods, 1986 and 1987

(Short tons)

Item	1982	1983	1984	1985	1986	January-June	
						1986	1987
<b>All grades of steel:</b>							
Semifinished-----	716,588	822,483	1,632,065	2,440,368	2,084,322	1,017,368	1,209,857
Plate-----	1,623,554	1,398,955	1,782,050	1,772,309	1,456,790	759,036	751,301
Sheet and strip-----	4,773,111	7,231,584	10,332,032	9,046,089	8,278,604	4,111,753	3,930,025
Bars & certain shapes 1/--	802,863	975,714	1,722,313	1,550,559	1,476,368	665,013	710,073
Wire rod-----	957,047	1,185,291	1,589,788	1,476,145	1,362,753	654,565	696,638
Wire-----	327,565	451,394	671,829	612,485	582,022	300,508	289,898
Wire products-----	520,295	616,359	738,680	674,960	636,591	320,115	341,518
Structural shapes & units--	1,742,135	1,757,410	2,432,694	2,440,403	2,179,657	1,101,286	1,139,448
Rails & related products--	340,290	175,433	373,890	382,046	275,710	160,906	128,646
Pipe and tube-----	5,250,057	2,862,342	5,429,839	4,489,287	2,956,303	1,921,704	1,359,636
<b>Total-----</b>	<b>17,053,505</b>	<b>17,476,965</b>	<b>26,705,180</b>	<b>24,884,651</b>	<b>21,289,120</b>	<b>11,012,254</b>	<b>10,557,040</b>
<b>Carbon &amp; certain alloy 2/ steel:</b>							
Semifinished-----	712,457	821,033	1,618,365	2,430,078	2,066,700	1,009,557	1,177,307
Plate-----	1,610,286	1,393,705	1,774,614	1,760,812	1,440,375	747,551	745,969
Sheet and strip-----	4,685,823	7,147,441	10,194,435	8,910,469	8,127,033	4,017,993	3,862,791
Bars & certain shapes-----	722,751	906,081	1,652,025	1,475,447	1,393,731	620,607	669,501
Wire rod-----	935,166	1,158,788	1,570,952	1,456,078	1,344,256	644,914	687,496
Wire-----	316,760	440,697	649,126	590,317	564,481	291,902	280,114
Wire products-----	520,295	616,359	738,680	674,960	636,591	320,115	341,518
Structural shapes & units--	1,742,135	1,757,410	2,432,694	2,440,403	2,179,657	1,101,286	1,139,448
Rails & related products--	340,290	175,433	373,890	382,046	275,710	160,906	128,646
Pipe and tube-----	5,231,311	2,844,493	5,399,642	4,457,277	2,923,029	1,903,440	1,346,639
<b>Total-----</b>	<b>16,817,274</b>	<b>17,261,440</b>	<b>26,404,423</b>	<b>24,577,887</b>	<b>20,951,563</b>	<b>10,818,271</b>	<b>10,379,429</b>
<b>Stainless &amp; alloy tool steel:</b>							
<b>Stainless steel:</b>							
Semifinished-----	4,132	1,450	13,700	10,290	17,622	7,811	32,550
Plate-----	13,268	5,251	7,436	11,497	16,415	11,485	5,333
Sheet and strip-----	87,288	84,144	137,597	135,620	151,571	93,761	67,234
Bars & certain shapes-----	40,053	39,209	38,234	37,970	37,888	20,869	18,567
Wire rod-----	21,881	26,504	18,835	20,067	18,496	9,651	9,142
Wire-----	10,805	10,697	22,703	22,169	17,541	8,606	9,785
Pipe and tube-----	18,746	17,849	30,197	32,009	33,274	18,264	12,997
<b>Tool steel (all forms)-----</b>	<b>40,058</b>	<b>30,423</b>	<b>32,054</b>	<b>37,142</b>	<b>44,749</b>	<b>23,537</b>	<b>22,005</b>
<b>Total-----</b>	<b>236,231</b>	<b>215,527</b>	<b>300,756</b>	<b>306,764</b>	<b>337,556</b>	<b>193,984</b>	<b>177,613</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, 1982-1986, and by specified periods, 1986 and 1987

(Short tons)

Item	1982	1983	1984	1985	1986	January-June	
						1986	1987
<b>All grades of steel:</b>							
Semifinished-----	362,298	102,757	73,536	89,708	58,885	21,975	41,271
Plate-----	121,929	101,981	88,184	82,988	69,565	39,941	43,064
Sheet and strip-----	545,281	463,261	389,577	375,396	507,420	236,650	266,649
Bars & certain shapes 1/--	222,632	170,066	133,595	99,096	81,224	43,446	51,057
Wire rod-----	24,961	6,138	8,646	4,740	5,876	2,493	3,836
Wire-----	25,558	22,439	19,979	19,146	26,760	9,484	13,909
Wire products-----	28,558	22,292	22,085	19,253	24,731	11,886	12,618
Structural shapes & units--	181,325	114,924	119,256	89,031	71,525	39,388	58,007
Rails & related products--	39,200	20,075	19,079	13,430	13,131	6,067	8,626
Pipe and tube-----	430,628	257,968	207,426	199,258	121,050	64,668	69,680
<b>Total-----</b>	<b>1,982,370</b>	<b>1,281,901</b>	<b>1,081,363</b>	<b>992,046</b>	<b>980,167</b>	<b>475,998</b>	<b>568,717</b>
<b>Carbon &amp; certain alloy 2/ steel:</b>							
Semifinished-----	361,157	101,392	72,285	82,650	57,932	20,251	40,081
Plate-----	117,224	93,887	84,813	74,957	66,042	36,981	40,837
Sheet and strip-----	520,479	439,443	369,495	349,620	477,803	226,161	229,833
Bars & certain shapes-----	213,775	160,404	126,090	89,241	72,134	38,891	46,186
Wire rod-----	24,417	5,440	7,918	3,716	5,049	2,116	3,037
Wire-----	21,104	16,301	17,524	17,182	24,033	8,379	11,691
Wire products-----	28,558	22,292	22,085	19,253	24,731	11,886	12,618
Structural shapes & units--	181,325	114,924	119,256	89,031	71,525	39,388	58,007
Rails & related products--	39,200	20,075	19,079	13,430	13,131	6,067	8,626
Pipe and tube-----	418,719	251,566	199,778	193,309	118,010	63,170	67,196
<b>Total-----</b>	<b>1,925,958</b>	<b>1,225,724</b>	<b>1,038,323</b>	<b>932,389</b>	<b>930,390</b>	<b>453,290</b>	<b>518,112</b>
<b>Stainless &amp; alloy tool steel:</b>							
<b>Stainless steel:</b>							
Semifinished-----	1,142	1,365	1,251	7,058	953	1,724	1,190
Plate-----	4,706	8,094	3,371	8,031	3,523	2,960	2,227
Sheet and strip-----	24,803	23,818	20,081	25,776	29,617	10,489	36,817
Bars & certain shapes-----	6,450	6,096	5,178	7,762	6,946	3,304	3,145
Wire rod-----	544	698	728	1,024	828	377	799
Wire-----	4,454	6,138	2,455	1,964	2,728	1,105	2,218
Pipe and tube-----	11,908	6,403	7,648	5,948	3,040	1,499	2,484
Tool steel (all forms)-----	2,407	3,566	2,326	2,094	2,144	1,251	1,726
<b>Total-----</b>	<b>56,414</b>	<b>56,178</b>	<b>43,038</b>	<b>59,657</b>	<b>49,779</b>	<b>22,709</b>	<b>50,606</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, 1982-1986, and by  
specified periods, 1986 and 1987

(Short tons)

Item	1982	1983	1984	1985	1986	January-June	
						1986	1987
<b>All grades of steel:</b>							
Semifinished-----	1,634,845	1,717,968	2,864,573	3,725,184	3,414,086	1,689,500	2,180,664
Plate-----	5,647,882	5,113,043	6,032,859	6,016,668	4,919,031	2,767,391	2,479,494
Sheet and strip-----	36,465,499	45,873,115	50,821,204	49,520,991	47,826,825	24,897,069	24,521,826
Bars & certain shapes <sup>1/</sup> -----	11,392,668	12,505,370	14,821,191	14,119,002	13,496,786	7,050,912	6,912,327
Wire rod-----	3,342,799	4,036,547	4,671,178	4,433,174	4,850,509	2,411,341	2,628,125
Wire-----	1,305,140	1,439,365	1,614,576	1,467,474	1,353,121	732,916	673,122
Wire products-----	796,886	942,861	976,211	917,975	889,928	451,300	499,456
Structural shapes & units--	5,124,244	5,264,536	6,469,671	7,049,677	6,923,564	3,515,561	3,447,410
Rails & related products--	1,082,905	1,039,265	1,593,711	1,299,929	910,276	574,580	374,084
Pipe and tube-----	9,845,569	5,846,521	9,498,172	8,385,854	5,671,711	3,572,467	2,799,299
<b>Total-----</b>	<b>76,638,437</b>	<b>83,778,591</b>	<b>99,363,346</b>	<b>96,935,928</b>	<b>90,255,837</b>	<b>47,663,037</b>	<b>46,515,807</b>
<b>Carbon &amp; certain alloy <sup>2/</sup> steel:</b>							
Semifinished-----	1,595,019	1,683,062	2,812,444	3,675,194	3,347,830	1,657,188	2,116,948
Plate-----	5,541,972	5,015,046	5,912,929	5,871,738	4,790,280	2,695,668	2,402,774
Sheet and strip-----	35,820,672	45,030,409	49,883,919	48,579,016	46,905,469	24,414,208	24,027,846
Bars & certain shapes-----	11,180,131	12,298,127	14,557,499	13,864,208	13,248,440	6,915,288	6,787,579
Wire rod-----	3,299,418	3,975,764	4,601,146	4,384,259	4,796,440	2,384,670	2,598,045
Wire-----	1,281,811	1,408,246	1,564,984	1,424,976	1,313,652	712,372	651,238
Wire products-----	796,886	942,861	976,211	917,975	889,928	451,300	499,456
Structural shapes & units--	5,124,244	5,264,536	6,469,671	7,049,677	6,923,564	3,515,561	3,447,410
Rails & related products--	1,082,905	1,039,265	1,593,711	1,299,929	910,276	574,580	374,084
Pipe and tube-----	9,797,930	5,778,663	9,423,935	8,310,739	5,599,237	3,532,675	2,769,977
<b>Total-----</b>	<b>75,520,988</b>	<b>82,435,979</b>	<b>97,796,449</b>	<b>95,377,711</b>	<b>88,725,116</b>	<b>46,853,510</b>	<b>45,675,357</b>
<b>Stainless &amp; alloy tool steel:</b>							
<b>Stainless steel:</b>							
Semifinished-----	39,826	34,906	52,129	49,990	66,256	32,312	63,716
Plate-----	105,909	97,998	119,930	144,930	128,751	71,723	76,721
Sheet and strip-----	644,826	842,707	937,286	941,975	921,356	482,862	493,979
Bars & certain shapes-----	130,888	134,220	173,036	159,475	149,966	83,178	75,844
Wire rod-----	43,381	60,784	70,031	48,915	54,067	26,671	30,080
Wire-----	23,329	31,119	49,592	42,499	39,468	20,544	21,885
Pipe and tube-----	47,640	67,857	74,237	75,115	72,474	39,791	29,322
<b>Tool steel (all forms)-----</b>	<b>81,648</b>	<b>73,022</b>	<b>90,657</b>	<b>95,318</b>	<b>98,380</b>	<b>52,446</b>	<b>48,904</b>
<b>Total-----</b>	<b>1,117,447</b>	<b>1,342,613</b>	<b>1,566,898</b>	<b>1,558,217</b>	<b>1,530,718</b>	<b>809,527</b>	<b>840,451</b>

<sup>1/</sup> Includes tool steel.

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

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

Table 6.--Steel mill products and certain fabricated steel products: U.S. imports as a percent of apparent consumption, by product and grade of steel, 1982-1986, and by specific periods, 1986 and 1987

(Percent)

Item	1982	1983	1984	1985	1986	January-June	
						1986	1987
<b>All grades of steel:</b>							
Semifinished	43.8	47.9	57.0	65.5	61.1	60.2	55.5
Plate	28.7	27.4	29.5	29.5	29.6	27.4	30.3
Sheet and strip	13.1	15.8	20.3	18.3	17.3	16.5	16.0
Bars & certain shapes <sup>1/</sup>	7.0	7.8	11.6	11.0	10.9	9.4	10.3
Wire rod	28.6	29.4	34.0	33.3	28.1	27.1	26.5
Wire	25.1	31.4	41.6	41.7	43.0	41.0	43.1
Wire products	65.3	65.4	75.7	73.5	71.5	70.9	68.4
Structural shapes & units	34.0	33.4	37.6	34.6	31.5	31.3	33.1
Rails & related products	31.4	16.9	23.5	29.4	30.3	28.0	34.4
Pipe and tube	53.4	49.0	57.2	53.5	52.1	53.8	48.6
Total	22.3	20.9	26.9	25.7	23.6	23.1	22.7
<b>Carbon &amp; certain alloy <sup>2/</sup> steel:</b>							
Semifinished	44.7	48.8	57.5	66.1	61.7	60.9	55.6
Plate	29.1	27.8	30.0	30.0	30.1	27.7	31.0
Sheet and strip	13.1	15.9	20.4	18.3	17.3	16.5	16.1
Bars & certain shapes	6.5	7.4	11.3	10.6	10.5	9.0	9.9
Wire rod	28.3	29.1	34.1	33.2	28.0	27.0	26.5
Wire	24.7	31.3	41.5	41.4	43.0	41.0	43.0
Wire products	65.3	65.4	75.7	73.5	71.5	70.9	68.4
Structural shapes & units	34.0	33.4	37.6	34.6	31.5	31.3	33.1
Rails & related products	31.4	16.9	23.5	29.4	30.3	28.0	34.4
Pipe and tube	53.4	49.2	57.3	53.6	52.2	53.9	48.6
Total	22.3	20.9	27.0	25.8	23.6	23.1	22.7
<b>Stainless &amp; alloy tool steel:</b>							
Semifinished	10.4	4.2	26.3	20.6	26.6	24.2	51.1
Plate	12.5	5.4	6.2	7.9	12.7	16.0	7.0
Sheet and strip	13.5	10.0	14.7	14.4	16.5	19.4	13.6
Bars & certain shapes	30.6	29.2	22.1	23.8	25.3	25.1	24.5
Wire rod	50.4	43.6	26.9	41.0	34.2	36.2	30.4
Wire	46.3	34.4	45.8	52.2	44.4	41.9	44.7
Pipe and tube	39.3	26.3	40.7	42.6	45.9	45.9	44.3
Tool steel (all forms)	49.1	41.7	35.4	39.0	45.5	44.9	45.0
Total	21.1	16.1	19.2	19.7	22.1	24.0	21.1

<sup>1/</sup> Includes tool steel.

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

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

Table 7.--Steel mill products and certain fabricated steel products: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia	165,114	192,242	98,288	91,831
Austria	309,968	133,177	66,674	62,881
Brazil	1,729,734	1,129,406	561,378	551,717
Czechoslovakia	46,718	32,249	8,933	21,583
East Germany	103,787	60,712	17,415	41,358
EC countries	7,082,895	6,030,059	3,054,485	2,562,538
Finland	242,059	201,873	117,813	105,991
Hungary	28,164	20,572	8,259	13,035
Japan	6,112,216	4,514,994	2,610,149	2,214,668
Mexico	276,084	435,286	194,157	237,333
Peoples Rep of China	59,599	41,919	23,672	29,277
Poland	95,401	60,609	26,900	43,659
Portugal	136,870	27,654	17,867	16,466
Romania	352,316	87,616	44,650	50,756
Republic of South Africa	431,491	518,535	243,992	24,834
Korea, Republic of	2,034,232	1,641,578	1,004,511	751,492
Spain	562,953	633,147	333,454	298,528
Venezuela	353,706	141,503	51,580	66,743
Yugoslavia	62,853	24,954	18,724	10,477
<b>Total</b>	<b>20,186,160</b>	<b>15,928,085</b>	<b>8,502,901</b>	<b>7,195,167</b>
<b>Other countries:</b>				
Canada	3,005,586	3,373,544	1,596,929	2,020,335
Sweden	671,475	549,930	281,262	363,128
Taiwan	224,095	500,952	237,490	121,696
Argentina	205,899	177,808	82,365	128,558
Turkey	68,285	150,345	22,183	259,510
Singapore	47,660	115,307	49,128	65,620
Norway	81,359	96,802	58,955	70,539
Trinidad and Tobago	64,019	77,219	26,307	29,577
Thailand	36,117	67,022	37,307	54,374
Israel	39,402	39,507	30,408	13,439
All others	254,594	212,597	87,021	235,097
<b>Total</b>	<b>4,698,491</b>	<b>5,361,033</b>	<b>2,509,355</b>	<b>3,361,873</b>
<b>Grand total</b>	<b>24,884,651</b>	<b>21,289,118</b>	<b>11,012,256</b>	<b>10,557,040</b>

Table 7.--Steel mill products and certain fabricated steel products: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	64,702	72,997	36,859	40,298
Austria -----	135,843	60,696	31,492	29,190
Brazil -----	438,754	304,039	154,007	158,965
Czechoslovakia -----	10,445	6,934	2,064	4,961
East Germany -----	24,115	15,306	4,158	11,134
EC countries-----	2,755,786	2,317,164	1,186,529	1,058,921
Finland -----	75,197	68,472	36,660	36,020
Hungary -----	6,618	4,666	1,844	2,992
Japan -----	3,040,982	2,198,391	1,242,629	1,075,365
Mexico -----	106,776	155,577	70,744	98,534
Peoples Rep of China -----	25,680	16,727	8,959	13,424
Poland -----	24,140	17,140	7,522	12,291
Portugal -----	44,604	11,477	7,299	7,396
Romania -----	90,917	23,574	11,942	15,402
Republic of South Africa -----	126,976	147,667	69,722	4,664
Korea, Republic of -----	790,581	652,523	388,474	328,888
Spain -----	203,057	225,055	119,617	108,432
Venezuela -----	93,057	44,596	15,764	20,150
Yugoslavia -----	19,560	7,279	5,207	3,705
<b>Total-----</b>	<b>8,077,790</b>	<b>6,350,280</b>	<b>3,401,492</b>	<b>3,030,732</b>
<b>Other countries:</b>				
Canada -----	1,300,782	1,403,210	667,761	870,595
Sweden -----	282,998	267,008	135,365	162,795
Taiwan -----	79,427	177,140	81,738	56,623
Argentina -----	69,868	55,641	26,720	40,460
Turkey -----	22,619	41,225	6,981	74,102
Singapore -----	12,739	33,694	15,518	20,971
Norway -----	22,030	28,685	17,046	18,358
Trinidad and Tobago -----	16,976	18,733	6,542	7,284
Thailand -----	12,960	21,750	11,609	18,638
Israel -----	16,131	19,331	13,386	10,117
All others-----	92,949	80,164	32,823	72,360
<b>Total-----</b>	<b>1,929,479</b>	<b>2,146,581</b>	<b>1,015,489</b>	<b>1,352,303</b>
<b>Grand total-----</b>	<b>10,007,269</b>	<b>8,496,861</b>	<b>4,416,981</b>	<b>4,383,035</b>

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



Table 8.--Steel other than semifinished steel: 1/ U.S. imports for consumption, and imports as a percent of apparent U.S. consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987

Item	January-June			
	1985	1986	1986	1987
Quantity (Short tons)				
<b>VRA countries:</b>				
Australia -----	165,114	179,910	98,178	91,831
Austria -----	309,824	133,151	66,656	62,881
Brazil -----	855,381	723,773	395,600	320,691
Czechoslovakia -----	46,718	32,249	8,933	21,583
East Germany -----	103,787	60,712	17,415	41,358
EC-----	6,114,261	5,265,505	2,696,374	2,067,384
Finland -----	227,746	184,577	100,691	92,043
Hungary -----	28,164	20,572	8,259	12,466
Japan -----	6,106,797	4,356,644	2,461,262	2,167,858
Mexico -----	270,976	367,873	181,420	212,520
Peoples Rep of China -----	59,599	41,919	23,672	29,277
Poland -----	95,381	60,609	26,900	43,659
Portugal -----	136,870	27,654	17,867	16,466
Romania -----	346,933	87,616	44,650	50,756
Republic of South Africa -----	376,385	456,634	227,089	2,361
Korea, Republic of -----	1,984,997	1,610,116	991,932	732,758
Spain -----	552,188	590,902	308,542	277,873
Venezuela -----	312,402	141,503	51,580	58,803
Yugoslavia -----	58,766	24,954	18,724	10,477
<b>Total-----</b>	<b>18,152,289</b>	<b>14,366,873</b>	<b>7,745,744</b>	<b>6,313,045</b>
<b>Other countries:</b>				
Canada -----	2,935,363	3,160,374	1,493,950	1,933,339
Taiwan -----	223,433	500,835	237,490	121,696
Sweden -----	336,036	240,961	124,331	134,883
Argentina -----	205,899	177,808	82,365	127,452
Turkey -----	68,144	150,345	22,183	259,510
Singapore -----	47,660	115,307	49,128	65,620
Norway -----	81,359	96,802	58,955	59,149
Trinidad and Tobago -----	64,019	77,219	26,307	29,577
Thailand -----	36,117	67,022	37,307	54,374
Israel -----	39,402	39,507	30,408	13,439
All others-----	254,565	211,744	86,720	235,095
<b>Total-----</b>	<b>4,291,997</b>	<b>4,837,924</b>	<b>2,249,144</b>	<b>3,034,134</b>
<b>Grand total-----</b>	<b>22,444,286</b>	<b>19,204,797</b>	<b>9,994,888</b>	<b>9,347,179</b>

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, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January-June	
			1986	1987
Import/consumption ratio (percent)				
VRA countries:				
Australia -----	.2	.2	.2	.2
Austria -----	.3	.2	.1	.1
Brazil -----	.9	.8	.9	.7
Czechoslovakia -----	.1	2/	2/	2/
East Germany -----	.1	.1	2/	.1
EC-----	6.6	6.1	5.9	4.7
Finland -----	.2	.2	.2	.2
Hungary -----	2/	2/	2/	2/
Japan -----	6.6	5.0	5.4	4.9
Mexico -----	.3	.4	.4	.5
Peoples Rep of China -----	.1	2/	.1	.1
Poland -----	.1	.1	.1	.1
Portugal -----	.1	2/	2/	2/
Romania -----	.4	.1	.1	.1
Republic of South Africa -----	.4	.5	.5	2/
Korea, Republic of -----	2.1	1.9	2.2	1.7
Spain -----	.6	.7	.7	.6
Venezuela -----	.3	.2	.1	.1
Yugoslavia -----	.1	2/	2/	2/
<b>Total-----</b>	<b>19.5</b>	<b>16.5</b>	<b>16.8</b>	<b>14.2</b>
Other countries:				
Canada -----	3.1	3.6	3.2	4.4
Taiwan -----	.2	.6	.5	.3
Sweden -----	.4	.3	.3	.3
Argentina -----	.2	.2	.2	.3
Turkey -----	.1	.2	2/	.6
Singapore -----	.1	.1	.1	.1
Norway -----	.1	.1	.1	.1
Trinidad and Tobago -----	.1	.1	.1	.1
Thailand -----	2/	.1	.1	.1
Israel -----	2/	2/	.1	2/
All others-----	.3	.2	.2	.5
<b>Total-----</b>	<b>4.6</b>	<b>5.6</b>	<b>4.9</b>	<b>6.8</b>
<b>Grand total-----</b>	<b>24.1</b>	<b>22.1</b>	<b>21.7</b>	<b>21.1</b>

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, 1985, 1986, and by specified periods, 1986 and 1987

Source	Voluntary restraint level 2/	1985	1986	January--June	
				1986	1987
Quantity (short tons)					
<b>VRA countries:</b>					
Australia	50,000	0	12,332	110	0
Austria	3/	144	27	18	0
Brazil	700,000	874,353	405,633	165,779	231,027
Czechoslovakia	3/	0	0	0	0
East Germany	3/	0	0	0	1
EC Countries	4/ 820,000	968,634	764,554	358,111	495,154
Finland	15,000	14,313	17,296	17,121	13,948
Hungary	3/	0	0	0	569
Japan	100,000	5,419	158,350	148,887	46,811
Mexico	100,000	5,108	67,413	12,737	24,813
Peoples Rep of China	3/	0	0	0	0
Poland	3/	20	0	0	0
Portugal	3/	0	0	0	0
Romania	3/	5,383	0	0	0
Republic of South Africa	5/ 100,000	55,106	61,901	16,903	22,472
Korea, Republic of	50,000	49,235	31,462	12,579	18,733
Spain	50,000	10,765	42,245	24,912	20,655
Venezuela	60,000	41,304	0	0	7,939
Yugoslavia	3/	4,087	0	0	0
<b>Total</b>	<b>2,045,000</b>	<b>2,033,871</b>	<b>1,561,213</b>	<b>757,157</b>	<b>882,122</b>
<b>Other countries:</b>					
Sweden	6/	335,439	308,968	156,931	228,244
Canada	6/	70,223	213,170	102,979	86,996
Peru	6/	0	551	0	0
U. S. S. R.	6/	0	226	226	0
Taiwan	6/	662	117	0	0
Switzerland	6/	31	74	74	0
Hong Kong	6/	0	3	0	0
Argentina	6/	0	0	0	1,106
Norway	6/	0	0	0	11,390
Turkey	6/	141	0	0	0
<b>Total</b>	<b>6/</b>	<b>406,496</b>	<b>523,109</b>	<b>260,210</b>	<b>327,736</b>
<b>Grand total</b>	<b>2,045,000</b>	<b>2,440,367</b>	<b>2,084,322</b>	<b>1,017,367</b>	<b>1,209,858</b>

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

2/ Restraint level applicable to year ending December 31, 1987.

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 1987 are reduced by the Comprehensive Anti-Apartheid Act of 1986, which embargoes certain steel products.

6/ Not applicable.

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

Table 10.--Carbon and certain alloy 1/ semifinished steel: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	0	12,332	110	0
Austria -----	144	9	2/	0
Brazil -----	872,465	405,474	165,719	218,415
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	1
EC countries-----	965,501	763,434	357,629	492,743
Finland -----	13,926	17,261	17,086	13,948
Hungary -----	0	0	0	569
Japan -----	3,219	155,609	146,232	46,366
Mexico -----	5,108	67,413	12,737	24,813
Peoples Rep of China -----	0	0	0	2/
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	5,383	0	0	0
Republic of South Africa -----	55,106	61,901	16,903	22,472
Korea, Republic of -----	49,232	31,462	12,579	18,733
Spain -----	10,325	41,702	24,386	20,655
Venezuela -----	41,304	0	0	7,939
Yugoslavia -----	4,087	0	0	0
<b>Total-----</b>	<b>2,025,800</b>	<b>1,556,597</b>	<b>753,381</b>	<b>866,654</b>
<b>Other countries:</b>				
Sweden -----	333,903	302,769	153,301	224,176
Canada -----	69,572	206,363	102,574	73,981
Peru -----	0	551	0	0
U. S. S. R. -----	0	226	226	0
Taiwan -----	662	117	0	0
Switzerland -----	0	74	74	0
Hong Kong -----	0	3	0	0
Argentina -----	0	0	0	1,106
Norway -----	0	0	0	11,390
Turkey -----	141	0	0	0
<b>Total-----</b>	<b>404,278</b>	<b>510,103</b>	<b>256,175</b>	<b>310,653</b>
<b>Grand total-----</b>	<b>2,430,078</b>	<b>2,066,700</b>	<b>1,009,556</b>	<b>1,177,307</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, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	0	1,846	14	0
Austria -----	45	24	3	0
Brazil -----	153,972	71,086	30,071	39,099
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	7
EC countries -----	198,990	150,148	71,038	101,803
Finland -----	2,577	3,190	3,154	2,945
Hungary -----	0	0	0	128
Japan -----	1,624	27,546	25,367	9,650
Mexico -----	2,449	10,994	2,675	4,397
Peoples Rep of China -----	0	0	0	3
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	1,345	0	0	0
Republic of South Africa -----	8,647	9,683	2,618	3,531
Korea, Republic of -----	8,205	5,586	2,071	3,225
Spain -----	2,441	7,550	4,245	3,633
Venezuela -----	6,710	0	0	1,296
Yugoslavia -----	973	0	0	0
<b>Total</b> -----	<b>387,978</b>	<b>287,653</b>	<b>141,256</b>	<b>169,717</b>
<b>Other countries:</b>				
Sweden -----	55,863	61,934	28,171	50,126
Canada -----	19,942	44,986	21,520	17,966
Peru -----	0	541	0	0
U. S. S. R. -----	0	204	204	0
Taiwan -----	185	32	0	0
Switzerland -----	0	19	19	0
Hong Kong -----	0	8	0	0
Argentina -----	0	0	0	252
Norway -----	0	0	0	2,010
All others -----	46	0	0	0
<b>Total</b> -----	<b>76,036</b>	<b>107,724</b>	<b>49,914</b>	<b>70,354</b>
<b>Grand total</b> -----	<b>464,014</b>	<b>395,377</b>	<b>191,170</b>	<b>240,071</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, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	4,057	2,057	1,099	1,857
Austria -----	19,714	8,380	2,562	4,169
Brazil -----	63,711	100,352	55,353	44,186
Czechoslovakia -----	11,711	11,490	0	8,190
East Germany -----	71,518	6,709	2,331	6,954
EC countries -----	517,853	479,658	270,756	186,989
Finland -----	106,061	78,057	41,199	39,703
Hungary -----	15,342	12,318	5,641	6,787
Japan -----	74,666	42,638	26,144	17,416
Mexico -----	17,850	14,570	10,256	7,849
Peoples Rep of China -----	0	0	0	0
Poland -----	34,801	11,247	2,839	13,474
Portugal -----	0	0	0	0
Romania -----	276,163	59,620	33,754	29,674
Republic of South Africa -----	68,604	83,134	41,476	465
Korea, Republic of -----	84,258	78,292	49,205	35,489
Spain -----	56,032	77,646	40,427	40,280
Venezuela -----	2,987	4,778	0	2,313
Yugoslavia -----	19,783	11,869	11,869	0
<b>Total-----</b>	<b>1,445,111</b>	<b>1,082,815</b>	<b>594,911</b>	<b>445,795</b>
<b>Other countries:</b>				
Canada -----	207,957	254,535	112,332	214,784
Sweden -----	77,318	70,057	35,221	46,441
India -----	0	10,940	0	22,432
Indonesia -----	2,724	7,596	0	4,804
Argentina -----	13,206	5,067	849	4,508
Taiwan -----	11,357	3,821	2,429	8
Rhodesia -----	0	2,664	0	2,038
Israel -----	36	1,188	616	425
Switzerland -----	2/	1,170	1,170	8
Mozambique -----	0	478	0	0
All others-----	3,103	44	22	4,723
<b>Total-----</b>	<b>315,701</b>	<b>357,560</b>	<b>152,639</b>	<b>300,171</b>
<b>Grand total-----</b>	<b>1,760,812</b>	<b>1,440,375</b>	<b>747,550</b>	<b>745,966</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, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	1,404	1,073	470	955
Austria -----	5,396	2,890	846	1,451
Brazil -----	19,372	30,298	15,243	14,680
Czechoslovakia -----	2,265	2,376	0	1,795
East Germany -----	16,385	1,427	474	1,766
EC countries-----	163,915	138,765	76,181	62,109
Finland -----	27,389	19,511	9,700	9,833
Hungary -----	3,567	2,781	1,263	1,552
Japan -----	35,430	19,267	11,261	8,629
Mexico -----	4,439	3,316	2,345	1,943
Peoples Rep of China -----	0	0	0	0
Poland -----	7,727	2,277	557	2,998
Portugal -----	0	0	0	0
Romania -----	68,608	14,463	8,162	7,762
Republic of South Africa -----	18,337	20,980	10,803	145
Korea, Republic of -----	24,496	21,674	13,096	10,753
Spain -----	16,702	21,417	10,612	11,693
Venezuela -----	796	1,084	0	589
Yugoslavia -----	6,341	2,881	2,881	0
<b>Total-----</b>	<b>422,569</b>	<b>306,480</b>	<b>163,894</b>	<b>138,653</b>
<b>Other countries:</b>				
Canada -----	73,776	84,532	37,506	73,121
Sweden -----	25,185	23,347	11,018	15,888
India -----	0	2,551	0	5,395
Indonesia -----	649	1,799	0	1,144
Argentina -----	2,960	1,238	218	989
Taiwan -----	3,263	1,133	697	25
Rhodesia -----	0	840	0	681
Israel -----	15	522	263	189
Switzerland -----	1	316	316	5
Mozambique -----	0	178	0	0
All others-----	705	55	5	2,251
<b>Total-----</b>	<b>106,554</b>	<b>116,511</b>	<b>50,023</b>	<b>99,688</b>
<b>Grand total-----</b>	<b>529,123</b>	<b>422,991</b>	<b>213,917</b>	<b>238,341</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.

Table 12.--Carbon and certain alloy 1/ steel sheet and strip: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987.

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	123,049	148,370	80,393	75,478
Austria -----	186,352	101,853	47,423	46,508
Brazil -----	318,987	320,745	150,460	196,771
Czechoslovakia -----	2,741	743	0	1,863
East Germany -----	26,954	41,841	12,650	28,586
EC countries -----	2,867,135	2,560,423	1,167,083	933,730
Finland -----	95,776	82,084	43,925	42,766
Hungary -----	12,805	8,232	2,618	5,679
Japan -----	2,912,212	2,445,266	1,302,732	1,222,523
Mexico -----	52,933	105,699	43,875	60,631
Peoples Rep of China -----	0	34	22	534
Poland -----	4,961	9,693	3,798	4,535
Portugal -----	70,396	26,547	17,625	16,034
Romania -----	28,149	6,111	1,942	2,150
Republic of South Africa -----	143,813	185,645	89,368	372
Korea, Republic of -----	596,749	664,256	382,429	307,489
Spain -----	135,822	165,958	87,719	71,754
Venezuela -----	50,516	77,327	26,156	20,627
Yugoslavia -----	16,580	0	0	0
<b>Total-----</b>	<b>7,645,930</b>	<b>6,950,827</b>	<b>3,460,218</b>	<b>3,038,030</b>
<b>Other countries:</b>				
Canada -----	853,698	883,258	419,822	621,771
Argentina -----	118,908	108,394	45,170	70,288
Taiwan -----	75,778	54,232	27,641	21,759
Sweden -----	116,198	46,191	25,390	38,738
Turkey -----	25,313	35,921	12,948	37,716
Norway -----	8,219	15,560	8,440	8,027
New Zealand -----	18,140	13,862	7,060	0
Algeria -----	11,927	10,998	8,292	6,042
Indonesia -----	1,336	3,252	0	12,268
Dominican Republic -----	8,744	2,449	2,271	351
All others-----	26,278	2,091	742	7,800
<b>Total-----</b>	<b>1,264,539</b>	<b>1,176,208</b>	<b>557,776</b>	<b>824,760</b>
<b>Grand total-----</b>	<b>8,910,469</b>	<b>8,127,035</b>	<b>4,017,994</b>	<b>3,862,790</b>

See footnote(s) at end of table.



Table 12.--Carbon and certain alloy 1/ steel sheet and strip: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	50,717	60,856	31,337	34,725
Austria -----	59,146	32,746	15,292	14,432
Brazil -----	91,161	94,568	42,344	68,792
Czechoslovakia -----	542	192	0	493
East Germany -----	6,544	11,130	3,170	7,824
EC countries -----	1,084,663	949,298	418,589	369,253
Finland -----	27,885	24,700	12,542	14,490
Hungary -----	3,025	1,871	582	1,312
Japan -----	1,410,717	1,168,831	608,561	612,676
Mexico -----	20,650	45,921	17,729	27,782
Peoples Rep of China -----	0	8	5	86
Poland -----	1,536	3,195	1,191	1,652
Portugal -----	28,643	10,687	7,043	6,945
Romania -----	6,757	2,368	957	824
Republic of South Africa -----	50,311	59,193	26,419	124
Korea, Republic of -----	217,808	229,043	125,778	117,410
Spain -----	44,963	62,503	32,777	27,599
Venezuela -----	15,042	24,685	8,313	7,609
Yugoslavia -----	5,092	0	0	0
<b>Total</b> -----	<b>3,125,202</b>	<b>2,781,795</b>	<b>1,352,629</b>	<b>1,314,028</b>
<b>Other countries:</b>				
Canada -----	336,762	345,314	163,118	257,480
Argentina -----	36,542	32,127	13,809	21,591
Taiwan -----	25,136	17,259	8,436	8,322
Sweden -----	54,614	31,917	17,062	21,571
Turkey -----	6,927	11,900	3,937	15,017
Norway -----	3,897	7,847	4,334	4,061
New Zealand -----	9,140	8,195	3,426	0
Algeria -----	4,782	3,812	2,814	2,256
Indonesia -----	332	757	0	3,236
Dominican Republic -----	2,859	764	706	307
All others -----	8,430	898	235	2,178
<b>Total</b> -----	<b>489,421</b>	<b>460,790</b>	<b>217,877</b>	<b>336,019</b>
<b>Grand total</b> -----	<b>3,614,623</b>	<b>3,242,585</b>	<b>1,570,506</b>	<b>1,650,047</b>

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

Table 13.--Carbon and certain alloy 1/ steel bars and light shapes: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	148	174	52	64
Austria -----	873	692	453	198
Brazil -----	156,047	53,328	17,425	15,397
Czechoslovakia -----	0	0	0	0
East Germany -----	1	43	43	2
EC countries-----	394,950	252,311	106,672	105,789
Finland -----	2,227	2,788	2,048	1,710
Hungary -----	0	0	0	0
Japan -----	207,381	144,395	73,942	87,772
Mexico -----	7,695	20,138	5,130	16,821
Peoples Rep of China -----	363	13,844	10,231	2,391
Poland -----	602	471	251	304
Portugal -----	0	0	0	0
Romania -----	69	0	0	99
Republic of South Africa -----	15,909	13,137	5,887	221
Korea, Republic of -----	85,544	72,422	43,652	33,151
Spain -----	54,151	33,006	13,033	13,683
Venezuela -----	84,613	14,417	5,761	9,822
Yugoslavia -----	0	0	0	287
<b>Total-----</b>	<b>1,010,573</b>	<b>621,166</b>	<b>284,580</b>	<b>287,711</b>
<b>Other countries:</b>				
Canada -----	356,980	378,241	172,867	201,693
Taiwan -----	27,631	173,446	80,543	17,332
Turkey -----	217	46,064	1,532	59,351
Singapore -----	23	40,134	11,056	13,786
Trinidad and Tobago -----	12,099	32,981	10,950	6,695
Dominican Republic -----	0	29,847	14,637	0
Norway -----	6,487	28,134	22,501	16,827
Argentina -----	13,719	13,194	8,351	9,486
Sweden -----	14,202	10,998	5,491	3,787
India -----	10,560	8,936	4,630	4,283
All others-----	22,954	10,590	3,471	48,551
<b>Total-----</b>	<b>464,872</b>	<b>772,565</b>	<b>336,029</b>	<b>381,791</b>
<b>Grand total-----</b>	<b>1,475,445</b>	<b>1,393,731</b>	<b>620,609</b>	<b>669,502</b>

See footnote(s) at end of table.

Table 13.--Carbon and certain alloy 1/ steel bars and light shapes: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	118	119	33	51
Austria -----	995	828	545	311
Brazil -----	41,906	14,160	4,712	4,723
Czechoslovakia -----	0	0	0	0
East Germany -----	10	13	13	1
EC countries -----	151,406	104,843	45,593	107,174
Finland -----	1,078	1,504	1,072	1,038
Hungary -----	0	0	0	0
Japan -----	86,595	58,397	30,323	33,861
Mexico -----	2,270	5,702	1,383	3,974
Peoples Rep of China -----	136	3,074	2,161	793
Poland -----	256	314	152	200
Portugal -----	0	0	0	0
Romania -----	293	0	0	522
Republic of South Africa -----	3,957	2,930	1,333	71
Korea, Republic of -----	20,759	18,324	10,837	8,842
Spain -----	18,017	11,077	4,556	4,863
Venezuela -----	16,734	3,229	1,166	2,116
Yugoslavia -----	0	0	0	73
<b>Total-----</b>	<b>344,530</b>	<b>224,514</b>	<b>103,879</b>	<b>168,613</b>
<b>Other countries:</b>				
Canada -----	135,095	137,503	63,316	77,249
Taiwan -----	7,211	40,070	18,207	4,279
Turkey -----	85	10,100	428	13,699
Singapore -----	47	9,055	2,387	4,584
Trinidad and Tobago -----	3,833	8,502	3,104	2,219
Dominican Republic -----	0	7,130	3,453	0
Norway -----	1,497	5,801	4,615	3,536
Argentina -----	3,532	3,321	2,129	2,324
Sweden -----	6,984	5,868	2,818	2,355
India -----	4,445	3,394	1,760	1,649
All others -----	5,901	2,970	1,168	11,496
<b>Total-----</b>	<b>168,630</b>	<b>233,714</b>	<b>103,385</b>	<b>123,390</b>
<b>Grand total-----</b>	<b>513,160</b>	<b>458,228</b>	<b>207,264</b>	<b>292,003</b>

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

Table 14.--Carbon and certain alloy 1/ steel wire rod: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	12,878	10,953	6,301	5,574
Austria -----	17,926	2,040	1,147	28
Brazil -----	44,661	50,172	34,075	14,448
Czechoslovakia -----	30,647	16,668	6,354	8,608
East Germany -----	5,313	10,485	2,190	3,161
EC countries -----	276,660	244,578	118,380	95,636
Finland -----	5,816	6,736	6,401	0
Hungary -----	0	0	0	0
Japan -----	287,454	263,715	131,927	123,797
Mexico -----	37,656	60,523	32,264	24,250
Peoples Rep of China -----	0	0	0	0
Poland -----	10,194	0	0	0
Portugal -----	62,277	0	0	0
Romania -----	821	0	0	0
Republic of South Africa -----	7,750	14,971	7,919	0
Korea, Republic of -----	2,661	94	0	0
Spain -----	32,448	48,926	20,178	22,132
Venezuela -----	54,914	2,248	1,323	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>890,076</b>	<b>732,109</b>	<b>368,459</b>	<b>297,634</b>
<b>Other countries:</b>				
Canada -----	353,728	376,954	174,409	217,401
Trinidad and Tobago -----	51,920	44,035	15,242	22,365
Taiwan -----	9,637	42,042	25,801	7,053
Sweden -----	49,218	41,688	18,580	5,396
Singapore -----	29,579	33,065	14,667	30,379
Indonesia -----	6,284	26,888	16,038	39,723
Turkey -----	0	23,523	0	44,982
Malaysia -----	3,004	18,074	7,022	19,173
Bahamas -----	22	2,684	2,684	0
Switzerland -----	13,157	1,480	1,480	0
All others-----	49,452	1,715	531	3,390
<b>Total-----</b>	<b>566,001</b>	<b>612,148</b>	<b>276,454</b>	<b>389,862</b>
<b>Grand total-----</b>	<b>1,456,077</b>	<b>1,344,257</b>	<b>644,913</b>	<b>687,496</b>

See footnote(s) at end of table.

Table 14.--Carbon and certain alloy <sup>1</sup>/<sub>2</sub> steel wire rod: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	3,120	2,183	1,229	1,142
Austria -----	4,320	677	329	46
Brazil -----	10,399	9,730	5,868	3,506
Czechoslovakia -----	6,657	3,239	1,163	1,827
East Germany -----	1,176	2,130	440	645
EC countries -----	91,520	79,431	36,098	34,335
Finland -----	1,529	2,035	1,912	0
Hungary -----	0	0	0	0
Japan -----	110,864	110,977	55,215	51,106
Mexico -----	8,249	12,961	6,953	5,659
Peoples Rep of China -----	0	0	0	0
Poland -----	2,152	0	0	0
Portugal -----	13,910	0	0	0
Romania -----	1,363	0	0	0
Republic of South Africa -----	1,831	3,323	1,701	0
Korea, Republic of -----	1,004	61	0	0
Spain -----	8,584	12,776	5,049	6,578
Venezuela -----	12,988	486	284	0
Yugoslavia -----	0	0	0	0
<b>Total</b> -----	<b>279,666</b>	<b>240,009</b>	<b>116,241</b>	<b>104,844</b>
<b>Other countries:</b>				
Canada -----	116,438	120,938	56,188	69,758
Trinidad and Tobago -----	13,143	9,911	3,142	4,906
Taiwan -----	2,979	13,766	8,760	2,952
Sweden -----	17,044	16,323	7,140	3,278
Singapore -----	6,651	7,633	3,337	7,317
Indonesia -----	1,502	6,995	4,308	9,361
Turkey -----	0	5,354	0	9,958
Malaysia -----	682	4,072	1,602	4,820
Bahamas -----	54	748	748	0
Switzerland -----	3,051	387	383	0
All others-----	11,472	1,245	110	693
<b>Total</b> -----	<b>173,016</b>	<b>187,372</b>	<b>85,718</b>	<b>113,043</b>
<b>Grand total</b> -----	<b>452,682</b>	<b>427,381</b>	<b>201,959</b>	<b>217,887</b>

<sup>1</sup>/<sub>2</sub> Certain alloy refers to alloy steel other than stainless or tool steel.

Table 15.--Carbon and certain alloy 1/ steel wire: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	3,223	4,560	2,282	2,503
Austria -----	1,863	1,950	973	1,634
Brazil -----	11,653	10,693	5,612	4,988
Czechoslovakia -----	0	0	0	0
East Germany -----	0	191	69	88
EC countries-----	200,759	173,859	89,313	89,433
Finland -----	2,117	1,241	729	315
Hungary -----	0	22	0	0
Japan -----	139,764	108,486	57,218	52,213
Mexico -----	874	3,024	1,006	2,233
Peoples Rep of China -----	1,074	4,400	1,085	3,771
Poland -----	361	121	101	2
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa ----	11,704	11,973	6,651	0
Korea, Republic of -----	11,094	10,949	6,988	3,630
Spain -----	521	79	79	25
Venezuela -----	4,453	6,782	2,584	3,517
Yugoslavia -----	59	0	0	42
<b>Total-----</b>	<b>389,519</b>	<b>338,330</b>	<b>174,690</b>	<b>164,394</b>
<b>Other countries:</b>				
Canada -----	172,484	203,478	104,876	103,959
Sweden -----	9,701	8,620	5,218	4,241
Taiwan -----	2,261	2,843	1,243	1,264
Bahamas -----	5,322	2,742	1,546	1,463
Switzerland -----	2,099	1,914	1,042	644
Norway -----	2,801	1,681	649	1,188
India -----	443	1,337	789	1,076
New Zealand -----	3,298	915	840	0
Argentina -----	1,330	695	466	591
Chile -----	69	600	42	535
All others-----	990	1,326	501	758
<b>Total-----</b>	<b>200,798</b>	<b>226,151</b>	<b>117,212</b>	<b>115,719</b>
<b>Grand total-----</b>	<b>590,317</b>	<b>564,481</b>	<b>291,902</b>	<b>280,113</b>

See footnote(s) at end of table.

Table 15.--Carbon and certain alloy  $\frac{1}{2}$  steel wire: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	1,639	2,109	977	1,207
Austria -----	1,676	2,375	1,105	2,234
Brazil -----	3,913	4,651	2,097	2,133
Czechoslovakia -----	0	0	0	0
East Germany -----	0	49	20	23
EC countries-----	130,863	118,582	60,528	64,040
Finland -----	859	553	295	131
Hungary -----	0	15	0	0
Japan -----	90,864	73,147	37,739	34,603
Mexico -----	472	1,302	452	933
Peoples Rep of China -----	458	1,671	415	1,435
Poland -----	91	33	27	3
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	4,471	4,524	2,535	0
Korea, Republic of -----	5,591	6,450	4,098	2,130
Spain -----	228	29	29	26
Venezuela -----	2,161	3,099	1,103	1,657
Yugoslavia -----	32	0	0	24
<b>Total-----</b>	<b>243,318</b>	<b>218,589</b>	<b>111,420</b>	<b>110,579</b>
<b>Other countries:</b>				
Canada -----	95,590	106,212	54,417	53,781
Sweden -----	12,206	10,463	6,242	5,448
Taiwan -----	1,294	1,786	854	778
Bahamas -----	1,943	872	470	525
Switzerland -----	967	1,044	549	448
Norway -----	1,998	973	405	645
India -----	182	540	299	348
New Zealand -----	1,459	434	408	0
Argentina -----	450	324	259	271
Chile -----	97	244	18	202
All others-----	357	788	440	295
<b>Total-----</b>	<b>116,543</b>	<b>123,680</b>	<b>64,361</b>	<b>62,741</b>
<b>Grand total-----</b>	<b>359,861</b>	<b>342,269</b>	<b>175,781</b>	<b>173,320</b>

$\frac{1}{2}$  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 16.--Carbon and certain alloy  $\frac{1}{2}$  steel wire products: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	110	53	10	111
Austria -----	5,009	2,954	1,767	633
Brazil -----	12,302	14,021	8,926	4,783
Czechoslovakia -----	2/	0	0	0
East Germany -----	0	0	0	0
EC countries-----	82,548	53,443	29,302	20,307
Finland -----	0	1	1	0
Hungary -----	0	0	0	0
Japan -----	66,223	50,437	26,707	27,882
Mexico -----	11,518	12,755	6,345	8,357
Peoples Rep of China -----	55,330	22,111	10,971	22,176
Poland -----	27,737	16,778	8,195	9,521
Portugal -----	795	416	204	310
Romania -----	8,292	3,210	1,022	2,902
Republic of South Africa -----	13,719	13,931	5,423	152
Korea, Republic of -----	218,609	196,032	103,440	96,956
Spain -----	29,523	30,620	17,873	11,214
Venezuela -----	392	680	167	1,816
Yugoslavia -----	10,824	7,027	2,580	4,109
<b>Total-----</b>	<b>542,931</b>	<b>424,469</b>	<b>222,933</b>	<b>211,229</b>
<b>Other countries:</b>				
Canada -----	100,328	122,483	62,561	62,245
Taiwan -----	10,098	38,141	15,869	20,611
Turkey -----	986	21,037	6,933	20,719
Argentina -----	8,927	6,988	4,050	6,535
Thailand -----	929	5,525	1,823	6,361
Israel -----	2,576	5,180	3,165	1,767
Chile -----	3,158	4,984	670	3,762
Tokelau Islands-----	0	2,292	0	193
Norway -----	682	1,026	727	322
Switzerland -----	1,266	780	184	126
All others-----	3,080	3,684	1,200	7,649
<b>Total-----</b>	<b>132,030</b>	<b>212,120</b>	<b>97,182</b>	<b>130,290</b>
<b>Grand total-----</b>	<b>674,961</b>	<b>636,589</b>	<b>320,115</b>	<b>341,519</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, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	118	53	31	94
Austria -----	3,611	3,600	2,078	1,048
Brazil -----	4,766	5,133	2,973	2,108
Czechoslovakia -----	2	0	0	0
East Germany -----	0	0	0	0
EC countries -----	60,145	38,480	20,229	15,319
Finland -----	0	4	4	0
Hungary -----	0	0	0	0
Japan -----	45,829	41,249	20,523	25,731
Mexico -----	6,191	6,585	3,449	4,280
Peoples Rep of China -----	21,856	10,661	5,135	10,869
Poland -----	8,405	5,735	2,810	3,524
Portugal -----	458	414	160	373
Romania -----	2,211	986	311	1,038
Republic of South Africa -----	7,130	7,140	2,628	60
Korea, Republic of -----	121,091	125,730	64,830	66,248
Spain -----	14,116	14,164	7,770	6,171
Venezuela -----	122	292	96	250
Yugoslavia -----	3,158	2,403	891	1,529
<b>Total</b> -----	<b>299,209</b>	<b>262,629</b>	<b>133,918</b>	<b>138,642</b>
<b>Other countries:</b>				
Canada -----	66,081	77,974	39,074	42,829
Taiwan -----	8,152	21,780	9,432	12,614
Turkey -----	298	7,252	2,301	6,830
Argentina -----	3,384	2,522	1,416	2,604
Thailand -----	360	2,527	889	3,052
Israel -----	1,489	2,702	1,573	1,105
Chile -----	957	1,810	282	1,479
Tokelau Islands -----	0	608	0	95
Norway -----	645	1,035	639	383
Switzerland -----	1,323	1,363	353	243
All others -----	1,636	2,352	896	3,075
<b>Total</b> -----	<b>84,325</b>	<b>121,925</b>	<b>56,855</b>	<b>74,309</b>
<b>Grand total</b> -----	<b>383,534</b>	<b>384,554</b>	<b>190,773</b>	<b>212,951</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.

Table 17.--Carbon and certain alloy 1/ steel structural shapes and units: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	402	389	238	23
Austria -----	526	616	369	247
Brazil -----	17,511	7,269	1,933	6,090
Czechoslovakia -----	42	0	0	0
East Germany -----	0	4	4	0
EC countries-----	777,780	755,615	384,131	346,735
Finland -----	1,493	985	51	73
Hungary -----	0	0	0	0
Japan -----	749,862	469,071	232,005	333,170
Mexico -----	20,529	18,361	10,534	7,505
Peoples Rep of China -----	92	44	38	0
Poland -----	14,961	16,532	9,980	12,072
Portugal -----	34	35	35	122
Romania -----	0	0	0	0
Republic of South Africa -----	69,582	85,839	43,430	618
Korea, Republic of -----	156,100	90,661	51,857	66,012
Spain -----	162,630	176,833	89,057	89,578
Venezuela -----	124	34	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>1,971,668</b>	<b>1,622,288</b>	<b>823,662</b>	<b>862,245</b>
<b>Other countries:</b>				
Canada -----	399,634	454,749	230,401	209,489
Norway -----	52,723	42,747	20,726	32,784
Taiwan -----	10,241	30,683	11,275	10,427
Singapore -----	221	12,081	6,368	5,896
New Zealand -----	2,275	8,069	3,826	3,598
Argentina -----	270	4,162	3,380	10,658
Israel -----	467	2,300	197	1,128
Sweden -----	675	2,170	1,257	1,949
Malaysia -----	0	129	0	153
Switzerland -----	59	69	47	1
All others-----	2,168	208	145	1,118
<b>Total-----</b>	<b>468,733</b>	<b>557,367</b>	<b>277,622</b>	<b>277,201</b>
<b>Grand total-----</b>	<b>2,440,401</b>	<b>2,179,655</b>	<b>1,101,284</b>	<b>1,139,446</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, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	248	240	150	31
Austria -----	1,240	1,402	831	776
Brazil -----	12,497	2,580	529	2,491
Czechoslovakia -----	17	0	0	0
East Germany -----	0	3	1	0
EC countries -----	256,848	249,427	127,541	113,692
Finland -----	1,928	1,189	59	109
Hungary -----	0	0	0	0
Japan -----	232,088	155,723	76,229	97,296
Mexico -----	8,713	7,998	4,577	2,935
Peoples Rep of China -----	42	21	14	0
Poland -----	3,117	3,631	2,165	2,612
Portugal -----	163	87	87	78
Romania -----	0	0	0	0
Republic of South Africa -----	17,150	23,349	11,573	406
Korea, Republic of -----	59,802	40,984	23,386	34,220
Spain -----	43,213	52,245	27,316	23,392
Venezuela -----	49	22	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>637,115</b>	<b>538,901</b>	<b>274,458</b>	<b>278,038</b>
<b>Other countries:</b>				
Canada -----	203,867	251,967	124,916	114,338
Norway -----	11,238	10,392	4,965	7,718
Taiwan -----	4,608	18,634	7,559	6,049
Singapore -----	291	6,910	3,900	3,754
New Zealand -----	2,722	8,770	4,165	4,044
Argentina -----	96	1,239	1,052	2,449
Israel -----	290	3,353	794	4,821
Sweden -----	1,931	4,563	2,748	6,231
Malaysia -----	0	132	0	153
Switzerland -----	141	439	132	7
All others-----	869	160	93	435
<b>Total-----</b>	<b>226,053</b>	<b>306,559</b>	<b>150,324</b>	<b>149,999</b>
<b>Grand total-----</b>	<b>863,168</b>	<b>845,460</b>	<b>424,782</b>	<b>428,037</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 18.--Carbon and certain alloy 1/ steel rails and related products: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	2	269	144	2/
Austria -----	217	133	56	2
Brazil -----	2,987	1,874	1,240	606
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	90,079	84,441	65,716	27,001
Finland -----	0	1	0	0
Hungary -----	0	0	0	0
Japan -----	221,563	93,700	63,168	61,150
Mexico -----	154	116	0	46
Peoples Rep of China -----	1,867	683	683	12
Poland -----	10	0	0	0
Portugal -----	0	3	3	0
Romania -----	0	0	0	0
Republic of South Africa -----	942	388	137	493
Korea, Republic of -----	8,180	8,101	4,251	2,694
Spain -----	2/	10	0	0
Venezuela -----	0	0	0	344
Yugoslavia -----	0	2/	0	0
<b>Total-----</b>	<b>326,001</b>	<b>189,719</b>	<b>135,398</b>	<b>92,348</b>
<b>Other countries:</b>				
Canada -----	52,442	84,924	24,722	36,044
Sweden -----	2,963	579	579	7
Taiwan -----	123	365	203	126
Israel -----	255	98	3	27
Saudi Arabia -----	0	11	0	0
Chile -----	0	11	0	0
Hong Kong -----	0	2	0	0
Bahamas -----	0	1	1	0
Switzerland -----	3	2/	2/	3
Argentina -----	0	0	0	2/
All others-----	259	0	0	91
<b>Total-----</b>	<b>56,045</b>	<b>85,991</b>	<b>25,508</b>	<b>36,298</b>
<b>Grand total-----</b>	<b>382,046</b>	<b>275,710</b>	<b>160,906</b>	<b>128,646</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, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	4	286	161	2
Austria -----	739	746	603	7
Brazil -----	1,301	1,125	765	521
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	37,945	33,288	25,405	10,595
Finland -----	0	2	0	0
Hungary -----	0	0	0	0
Japan -----	89,540	37,655	25,036	23,931
Mexico -----	233	36	0	14
Peoples Rep of China -----	2,905	1,070	1,068	8
Poland -----	2	0	0	0
Portugal -----	0	9	9	0
Romania -----	0	0	0	0
Republic of South Africa -----	566	222	44	312
Korea, Republic of -----	2,824	2,836	1,473	916
Spain -----	3	34	0	0
Venezuela -----	0	0	0	70
Yugoslavia -----	0	1	0	0
<b>Total</b> -----	<b>136,062</b>	<b>77,310</b>	<b>54,564</b>	<b>36,376</b>
<b>Other countries:</b>				
Canada -----	8,884	11,244	3,921	7,164
Sweden -----	1,027	211	203	53
Taiwan -----	184	570	267	225
Israel -----	890	237	5	50
Saudi Arabia -----	0	23	0	0
Chile -----	0	4	0	0
Hong Kong -----	0	2	0	0
Bahamas -----	0	1	1	0
Switzerland -----	27	11	11	37
All others -----	109	0	0	163
<b>Total</b> -----	<b>11,121</b>	<b>12,303</b>	<b>4,408</b>	<b>7,692</b>
<b>Grand total</b> -----	<b>147,183</b>	<b>89,613</b>	<b>58,972</b>	<b>44,068</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/ steel pipe and tube: U.S. imports for U.S. imports for consumption, by specified sources 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	21,186	13,068	7,644	6,200
Austria -----	73,393	10,774	10,135	7,487
Brazil -----	220,830	158,996	117,208	31,586
Czechoslovakia -----	1,578	3,348	2,579	2,922
East Germany -----	0	1,414	103	2,567
EC countries -----	798,669	544,306	386,189	222,824
Finland -----	8,455	2,402	1,051	3,122
Hungary -----	0	0	0	0
Japan -----	1,362,865	669,349	510,500	205,868
Mexico -----	117,878	120,678	66,478	74,538
Peoples Rep of China -----	834	796	641	370
Poland -----	1,547	5,472	1,604	3,536
Portugal -----	3,307	652	0	0
Romania -----	33,030	18,674	7,932	15,931
Republic of South Africa -----	43,906	44,941	24,124	40
Korea, Republic of -----	804,489	473,648	340,772	178,547
Spain -----	63,720	40,643	30,502	19,006
Venezuela -----	114,404	35,237	15,590	20,365
Yugoslavia -----	11,517	6,048	4,265	6,039
<b>Total</b> -----	<b>3,681,608</b>	<b>2,150,446</b>	<b>1,527,317</b>	<b>800,948</b>
<b>Other countries:</b>				
Canada -----	427,882	383,430	183,412	254,798
Taiwan -----	75,581	146,515	68,993	40,188
Thailand -----	33,699	61,497	35,483	45,166
Argentina -----	49,156	37,948	19,897	25,306
Israel -----	35,303	30,320	26,239	9,276
Singapore -----	17,834	30,015	17,025	15,537
Turkey -----	41,628	23,701	671	92,624
Sweden -----	29,844	23,201	12,469	16,664
Switzerland -----	16,800	9,049	2,675	8,370
Norway -----	3,261	7,615	5,875	2
All others -----	44,682	19,292	3,385	37,761
<b>Total</b> -----	<b>775,670</b>	<b>772,583</b>	<b>376,124</b>	<b>545,692</b>
<b>Grand total</b> -----	<b>4,457,278</b>	<b>2,923,029</b>	<b>1,903,441</b>	<b>1,346,640</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 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	7,082	4,090	2,351	2,026
Austria -----	47,094	6,637	5,740	4,236
Brazil -----	88,174	60,073	44,065	14,677
Czechoslovakia -----	961	1,126	901	846
East Germany -----	0	548	31	869
EC countries -----	403,428	267,898	185,596	108,745
Finland -----	2,910	767	341	935
Hungary -----	0	0	0	0
Japan -----	762,736	361,854	275,044	106,360
Mexico -----	46,847	43,283	23,556	29,775
Peoples Rep of China -----	246	208	160	196
Poland -----	551	1,571	454	1,073
Portugal -----	1,345	279	0	0
Romania -----	10,253	5,758	2,512	5,256
Republic of South Africa -----	14,066	13,291	7,038	15
Korea, Republic of -----	303,888	178,206	129,304	71,010
Spain -----	28,302	17,717	12,959	8,559
Venezuela -----	38,454	11,700	4,803	6,561
Yugoslavia -----	3,960	1,982	1,423	2,079
<b>Total</b> -----	<b>1,760,297</b>	<b>976,988</b>	<b>696,278</b>	<b>363,218</b>
<b>Other countries:</b>				
Canada -----	221,609	179,832	86,359	121,240
Taiwan -----	25,194	46,185	21,640	13,930
Thailand -----	11,849	19,224	10,720	15,035
Argentina -----	22,255	14,160	7,493	9,834
Israel -----	13,144	12,261	10,632	3,531
Singapore -----	5,737	10,066	5,868	5,194
Turkey -----	15,264	6,504	198	27,636
Sweden -----	16,251	14,268	7,711	11,752
Switzerland -----	7,236	5,550	2,152	3,577
Norway -----	1,136	2,551	2,002	5
All others -----	20,420	7,177	1,256	12,990
<b>Total</b> -----	<b>360,095</b>	<b>317,778</b>	<b>156,031</b>	<b>224,724</b>
<b>Grand total</b> -----	<b>2,120,392</b>	<b>1,294,766</b>	<b>852,309</b>	<b>587,942</b>

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

Table 20. Total, carbon and certain 1/ alloy steel products: U.S. imports for consumption, by principal sources, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	165,054	192,227	98,274	91,811
Austria -----	306,016	129,400	64,886	60,906
Brazil -----	1,721,154	1,122,924	557,951	537,269
Czechoslovakia -----	46,718	32,249	8,933	21,583
East Germany -----	103,787	60,687	17,390	41,358
EC countries -----	6,971,935	5,912,068	2,975,170	2,521,186
Finland -----	235,872	191,555	112,491	101,637
Hungary -----	28,148	20,572	8,259	13,035
Japan -----	6,025,210	4,442,667	2,570,576	2,178,156
Mexico -----	272,195	423,275	188,626	227,042
Peoples Rep of China -----	59,561	41,912	23,672	29,255
Poland -----	95,172	60,314	26,767	43,444
Portugal -----	136,809	27,654	17,867	16,466
Romania -----	351,907	87,616	44,650	50,756
Republic of South Africa -----	431,034	515,860	241,317	24,834
Korea, Republic of -----	2,016,916	1,625,917	995,173	742,701
Spain -----	545,173	615,423	323,255	288,329
Venezuela -----	353,706	141,503	51,580	66,743
Yugoslavia -----	62,850	24,944	18,714	10,477
<b>Total-----</b>	<b>19,929,217</b>	<b>15,668,767</b>	<b>8,345,551</b>	<b>7,066,988</b>
<b>Other countries:</b>				
Canada -----	2,994,705	3,348,415	1,587,974	1,996,164
Sweden -----	634,097	506,346	257,552	341,444
Taiwan -----	223,369	492,205	233,997	118,770
Argentina -----	205,516	177,545	82,162	128,479
Turkey -----	68,285	150,268	22,105	259,510
Singapore -----	47,660	115,295	49,116	65,620
Norway -----	81,320	96,764	58,917	70,539
Trinidad and Tobago -----	64,019	77,219	26,307	29,577
Thailand -----	36,117	67,022	37,307	54,374
Israel -----	39,402	39,507	30,408	13,374
All others-----	254,182	212,209	86,873	234,587
<b>Total-----</b>	<b>4,648,672</b>	<b>5,282,795</b>	<b>2,472,718</b>	<b>3,312,438</b>
<b>Grand total-----</b>	<b>24,577,889</b>	<b>20,951,562</b>	<b>10,818,269</b>	<b>10,379,426</b>

See footnote(s) at end of table.



Table 20. Total, carbon and certain 1/ alloy steel products: U.S. imports for consumption, by principal sources, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	64,449	72,855	36,753	40,233
Austria -----	124,262	51,925	27,372	24,540
Brazil -----	427,461	293,404	148,665	152,729
Czechoslovakia -----	10,445	6,934	2,064	4,961
East Germany -----	24,115	15,298	4,150	11,134
EC countries-----	2,579,723	2,130,160	1,066,798	987,065
Finland -----	66,154	53,455	29,080	29,482
Hungary -----	6,591	4,666	1,844	2,992
Japan -----	2,866,288	2,054,647	1,165,298	1,003,841
Mexico -----	100,513	138,098	63,118	81,693
Peoples Rep of China -----	25,643	16,712	8,958	13,391
Poland -----	23,838	16,756	7,357	12,062
Portugal -----	44,519	11,477	7,299	7,396
Romania -----	90,830	23,574	11,942	15,402
Republic of South Africa -----	126,466	144,637	66,692	4,664
Korea, Republic of -----	765,467	628,894	374,872	314,754
Spain -----	176,568	199,512	105,311	92,514
Venezuela -----	93,057	44,596	15,764	20,150
Yugoslavia -----	19,556	7,267	5,194	3,705
<b>Total-----</b>	<b>7,635,945</b>	<b>5,914,867</b>	<b>3,148,531</b>	<b>2,822,708</b>
<b>Other countries:</b>				
Canada -----	1,278,044	1,360,503	650,338	834,925
Sweden -----	191,231	169,088	83,249	116,737
Taiwan -----	78,207	161,213	75,851	49,173
Argentina -----	69,220	55,192	26,376	40,315
Turkey -----	22,619	41,114	6,870	74,102
Singapore -----	12,739	33,669	15,493	20,971
Norway -----	21,950	28,599	16,960	18,358
Trinidad and Tobago -----	16,976	18,733	6,542	7,284
Thailand -----	12,960	21,750	11,609	18,638
Israel -----	16,106	19,285	13,360	10,007
All others-----	91,745	79,204	32,251	71,444
<b>Total-----</b>	<b>1,811,797</b>	<b>1,988,350</b>	<b>938,899</b>	<b>1,261,954</b>
<b>Grand total-----</b>	<b>9,447,742</b>	<b>7,903,217</b>	<b>4,087,430</b>	<b>4,084,662</b>

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

Table 21.--Stainless semifinished steel: U.S. imports for consumption, by specified sources 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	0	18	18	0
Brazil -----	1,888	159	60	12,611
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	3,133	1,120	482	2,411
Finland -----	387	35	35	0
Hungary -----	0	0	0	0
Japan -----	2,200	2,741	2,655	445
Mexico -----	0	0	0	0
Peoples Rep of China -----	0	0	0	0
Poland -----	20	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	3	0	0	0
Spain -----	440	543	526	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>8,071</b>	<b>4,616</b>	<b>3,776</b>	<b>15,467</b>
<b>Other countries:</b>				
Canada -----	651	6,808	405	13,015
Sweden -----	1,536	6,199	3,630	4,068
Switzerland -----	31	0	0	0
<b>Total-----</b>	<b>2,218</b>	<b>13,007</b>	<b>4,035</b>	<b>17,083</b>
<b>Grand total-----</b>	<b>10,289</b>	<b>17,623</b>	<b>7,811</b>	<b>32,550</b>

Table 21.--Stainless semifinished steel: U.S. imports for consumption, by specified sources 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	0	41	41	0
Brazil -----	1,185	220	100	3,689
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	3,877	1,635	623	1,425
Finland -----	395	50	50	0
Hungary -----	0	0	0	0
Japan -----	2,333	2,978	2,914	361
Mexico -----	0	0	0	0
Peoples Rep of China -----	0	0	0	0
Poland -----	21	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	3	0	0	0
Spain -----	1,816	343	314	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>9,630</b>	<b>5,267</b>	<b>4,042</b>	<b>5,475</b>
<b>Other countries:</b>				
Canada -----	796	6,301	395	12,929
Sweden -----	2,143	6,913	4,135	3,212
Switzerland -----	34	0	0	0
<b>Total-----</b>	<b>2,973</b>	<b>13,214</b>	<b>4,530</b>	<b>16,141</b>
<b>Grand total-----</b>	<b>12,603</b>	<b>18,481</b>	<b>8,572</b>	<b>21,616</b>

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, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	240	127	57	18
Brazil -----	56	6	6	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	7,762	12,505	9,769	2,154
Finland -----	65	968	219	1,433
Hungary -----	0	0	0	0
Japan -----	2,304	860	497	770
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 -----	91	199	199	0
Korea, Republic of -----	8	0	0	0
Spain -----	40	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>10,566</b>	<b>14,665</b>	<b>10,747</b>	<b>4,375</b>
<b>Other countries:</b>				
Sweden -----	902	1,724	719	930
Canada -----	27	26	19	27
Switzerland -----	2	0	0	0
<b>Total-----</b>	<b>931</b>	<b>1,750</b>	<b>738</b>	<b>957</b>
<b>Grand total-----</b>	<b>11,497</b>	<b>16,415</b>	<b>11,485</b>	<b>5,332</b>

Table 22.--Stainless steel plate: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	693	326	129	49
Brazil -----	63	12	12	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	11,141	17,371	12,492	3,546
Finland -----	129	1,317	314	2,103
Hungary -----	0	0	0	0
Japan -----	3,546	1,379	823	1,073
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 -----	91	216	216	0
Korea, Republic of -----	13	0	0	0
Spain -----	48	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total</b> -----	<b>15,724</b>	<b>20,621</b>	<b>13,986</b>	<b>6,771</b>
<b>Other countries:</b>				
Sweden -----	2,366	4,124	1,983	2,084
Canada -----	26	46	39	20
Switzerland -----	8	0	0	0
<b>Total</b> -----	<b>2,400</b>	<b>4,170</b>	<b>2,022</b>	<b>2,104</b>
<b>Grand total</b> -----	<b>18,124</b>	<b>24,791</b>	<b>16,008</b>	<b>8,875</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, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	48	57	35	15
Brazil -----	0	472	385	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	64,492	67,087	47,073	20,981
Finland -----	5,702	9,272	5,062	2,921
Hungary -----	0	0	0	0
Japan -----	28,357	22,110	11,435	13,567
Mexico -----	3,370	11,240	5,350	9,772
Peoples Rep of China -----	1	0	0	21
Poland -----	0	0	0	0
Portugal -----	61	0	0	0
Romania -----	409	0	0	0
Republic of South Africa -----	365	2,475	2,475	0
Korea, Republic of -----	11,726	10,065	6,085	5,635
Spain -----	11,026	11,887	7,031	7,114
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>125,557</b>	<b>134,665</b>	<b>84,931</b>	<b>60,026</b>
<b>Other countries:</b>				
Sweden -----	7,275	8,227	4,782	3,888
Taiwan -----	261	4,173	1,799	243
Canada -----	2,437	4,115	2,090	2,700
India -----	0	184	0	317
Turkey -----	0	77	77	0
Switzerland -----	0	61	61	0
Panama -----	0	48	0	0
Jordan -----	49	20	20	19
Norway -----	40	0	0	0
Hong Kong -----	0	0	0	41
All others -----	1/	0	0	0
<b>Total-----</b>	<b>10,062</b>	<b>16,905</b>	<b>8,829</b>	<b>7,208</b>
<b>Grand total-----</b>	<b>135,619</b>	<b>151,570</b>	<b>93,760</b>	<b>67,234</b>

See footnote(s) at end of table.

Table 23.--Stainless steel sheet and strip: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	156	194	121	50
Brazil -----	0	577	472	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	88,576	89,179	59,995	32,394
Finland -----	8,472	13,588	7,200	4,435
Hungary -----	0	0	0	0
Japan -----	38,238	35,055	17,065	22,417
Mexico -----	5,104	15,853	7,286	15,843
Peoples Rep of China -----	1	0	0	29
Poland -----	0	0	0	0
Portugal -----	84	0	0	0
Romania -----	87	0	0	0
Republic of South Africa -----	419	2,814	2,814	0
Korea, Republic of -----	14,595	13,218	7,505	8,551
Spain -----	13,081	16,002	9,298	10,482
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>168,813</b>	<b>186,480</b>	<b>111,756</b>	<b>94,201</b>
<b>Other countries:</b>				
Sweden -----	16,046	17,505	9,437	8,598
Taiwan -----	309	5,474	2,210	347
Canada -----	3,031	5,426	2,529	4,031
India -----	0	246	0	458
Turkey -----	0	110	110	0
Switzerland -----	0	94	94	0
Panama -----	0	62	0	0
Jordan -----	48	37	37	37
Norway -----	80	0	0	0
All others-----	2	0	0	59
<b>Total-----</b>	<b>19,516</b>	<b>28,954</b>	<b>14,417</b>	<b>13,530</b>
<b>Grand total-----</b>	<b>188,329</b>	<b>215,434</b>	<b>126,173</b>	<b>107,731</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, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	1	2	2	16
Brazil -----	2,439	2,636	1,227	578
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	4,477	6,481	4,140	3,182
Finland -----	12	36	0	0
Hungary -----	0	0	0	0
Japan -----	20,582	19,297	10,082	9,868
Mexico -----	1/	22	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 -----	1,960	1,643	833	1,051
Spain -----	4,036	3,221	1,833	1,667
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>33,507</b>	<b>33,338</b>	<b>18,117</b>	<b>16,362</b>
<b>Other countries:</b>				
Sweden -----	3,196	3,359	2,129	1,396
Canada -----	1,069	1,056	534	655
Argentina -----	196	130	90	49
Taiwan -----	1	4	0	40
Jordan -----	0	2	0	0
Switzerland -----	0	0	0	64
<b>Total-----</b>	<b>4,462</b>	<b>4,551</b>	<b>2,753</b>	<b>2,204</b>
<b>Grand total-----</b>	<b>37,969</b>	<b>37,889</b>	<b>20,870</b>	<b>18,566</b>

See footnote(s) at end of table.



Table 24.--Stainless steel bars and shapes: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	4	5	5	64
Brazil -----	4,377	4,841	2,263	957
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries-----	8,441	13,529	8,624	6,080
Finland -----	5	46	0	0
Hungary -----	0	0	0	0
Japan -----	41,853	37,714	19,591	18,696
Mexico -----	1	27	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 -----	3,146	2,920	1,572	1,790
Spain -----	7,710	5,750	3,288	2,960
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>65,537</b>	<b>64,832</b>	<b>35,343</b>	<b>30,547</b>
<b>Other countries:</b>				
Sweden -----	6,536	6,726	4,249	2,738
Canada -----	2,372	2,447	1,226	1,041
Argentina -----	375	246	172	89
Taiwan -----	2	5	0	77
Jordan -----	0	7	0	0
Switzerland -----	0	0	0	120
<b>Total-----</b>	<b>9,285</b>	<b>9,431</b>	<b>5,647</b>	<b>4,065</b>
<b>Grand total-----</b>	<b>74,822</b>	<b>74,263</b>	<b>40,990</b>	<b>34,612</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, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	0	0	0	0
Brazil -----	1,588	1,348	680	579
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries-----	6,657	4,639	3,105	2,511
Finland -----	0	0	0	0
Hungary -----	16	0	0	0
Japan -----	5,727	6,101	2,827	2,755
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 -----	451	863	642	544
Spain -----	1,693	1,682	723	866
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>16,132</b>	<b>14,633</b>	<b>7,977</b>	<b>7,255</b>
<b>Other countries:</b>				
Sweden -----	3,892	3,864	1,674	1,882
Switzerland -----	43	0	0	0
Taiwan -----	0	0	0	5
<b>Total-----</b>	<b>3,935</b>	<b>3,864</b>	<b>1,674</b>	<b>1,887</b>
<b>Grand total-----</b>	<b>20,067</b>	<b>18,497</b>	<b>9,651</b>	<b>9,142</b>

Table 25.--Stainless steel wire rod: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	0	0	0	0
Brazil -----	2,163	1,619	863	766
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	11,786	8,410	5,637	5,470
Finland -----	0	0	0	0
Hungary -----	27	0	0	0
Japan -----	9,498	9,707	4,526	4,520
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 -----	565	1,112	795	708
Spain -----	2,849	2,669	1,182	1,348
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total</b> -----	<b>26,888</b>	<b>23,517</b>	<b>13,003</b>	<b>12,812</b>
<b>Other countries:</b>				
Sweden -----	7,072	6,619	3,023	3,238
Switzerland -----	65	0	0	0
Taiwan -----	0	0	0	11
<b>Total</b> -----	<b>7,137</b>	<b>6,619</b>	<b>3,023</b>	<b>3,249</b>
<b>Grand total</b> -----	<b>34,025</b>	<b>30,136</b>	<b>16,026</b>	<b>16,061</b>

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, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	3	1	1	1 <sup>/</sup>
Austria -----	161	15	4	19
Brazil -----	296	156	47	85
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries-----	8,940	6,257	2,908	3,234
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	6,535	3,621	2,098	2,018
Mexico -----	0	0	0	0
Peoples Rep of China -----	0	6	0	0
Poland -----	0	0	0	71
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	1,362	1,033	539	494
Spain -----	273	265	0	495
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>17,570</b>	<b>11,354</b>	<b>5,597</b>	<b>6,416</b>
<b>Other countries:</b>				
Canada -----	1,479	2,483	1,241	1,056
Sweden -----	2,979	2,459	1,337	1,286
Taiwan -----	112	1,191	379	894
Switzerland -----	14	42	40	30
Singapore -----	0	12	12	0
Panama -----	1	0	0	0
Dominican Republic -----	2	0	0	0
Israel -----	0	0	0	65
Jordan -----	1	0	0	0
India -----	0	0	0	38
All others-----	12	0	0	0
<b>Total-----</b>	<b>4,600</b>	<b>6,187</b>	<b>3,009</b>	<b>3,369</b>
<b>Grand total-----</b>	<b>22,170</b>	<b>17,541</b>	<b>8,606</b>	<b>9,785</b>

See footnote(s) at end of table.

Table 26.--Stainless steel wire: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	135	91	56	34
Austria -----	303	50	11	78
Brazil -----	473	213	60	128
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	18,861	17,799	8,337	8,322
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	19,181	11,367	6,351	6,912
Mexico -----	0	0	0	0
Peoples Rep of China -----	0	13	0	0
Poland -----	0	0	0	16
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	3,084	2,563	1,334	1,196
Spain -----	419	489	0	1,031
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total</b> -----	<b>42,456</b>	<b>32,585</b>	<b>16,149</b>	<b>17,717</b>
<b>Other countries:</b>				
Canada -----	4,644	6,594	3,362	3,610
Sweden -----	12,438	10,073	5,463	5,388
Taiwan -----	246	2,927	930	2,300
Switzerland -----	112	128	122	98
Singapore -----	0	25	25	0
Panama -----	4	0	0	0
Dominican Republic -----	13	0	0	0
Israel -----	0	0	0	85
Jordan -----	9	0	0	0
India -----	0	0	0	77
All others -----	36	0	0	0
<b>Total</b> -----	<b>17,502</b>	<b>19,747</b>	<b>9,902</b>	<b>11,558</b>
<b>Grand total</b> -----	<b>59,958</b>	<b>52,332</b>	<b>26,051</b>	<b>29,275</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, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	826	490	207	174
Brazil -----	34	6	5	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	5,053	4,830	2,901	2,009
Finland -----	12	6	6	0
Hungary -----	0	0	0	0
Japan -----	15,680	11,167	6,909	3,179
Mexico -----	459	372	82	452
Peoples Rep of China -----	0	1/	1/	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 -----	978	773	559	257
Spain -----	114	75	57	11
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>23,156</b>	<b>17,719</b>	<b>10,726</b>	<b>6,082</b>
<b>Other countries:</b>				
Sweden -----	6,837	7,673	4,405	2,470
Canada -----	1,441	4,471	1,770	2,700
Taiwan -----	341	3,358	1,314	1,744
Norway -----	0	38	38	0
Switzerland -----	205	10	9	1
Mauritius -----	0	3	0	0
New Zealand -----	2	1	0	0
India -----	6	1	1	0
Israel -----	1/	1/	1/	1/
Surinam -----	21	0	0	0
<b>Total-----</b>	<b>8,853</b>	<b>15,555</b>	<b>7,537</b>	<b>6,915</b>
<b>Grand total-----</b>	<b>32,009</b>	<b>33,274</b>	<b>18,263</b>	<b>12,997</b>

See footnote(s) at end of table.

Table 27.--Stainless steel pipe and tube: U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	0	0	0	0
Austria -----	2,981	1,588	680	729
Brazil -----	143	24	13	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	15,840	14,808	8,515	6,215
Finland -----	28	16	16	0
Hungary -----	0	0	0	0
Japan -----	45,111	33,103	19,681	10,578
Mexico -----	1,097	864	197	934
Peoples Rep of China -----	0	1	1	0
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	2,387	2,006	1,420	723
Spain -----	318	212	176	44
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
<b>Total-----</b>	<b>67,905</b>	<b>52,622</b>	<b>30,699</b>	<b>19,223</b>
<b>Other countries:</b>				
Sweden -----	19,014	21,657	12,330	7,487
Canada -----	5,918	12,987	5,070	8,616
Taiwan -----	646	7,470	2,747	4,714
Norway -----	0	86	86	0
Switzerland -----	696	348	296	64
Mauritius -----	0	7	0	0
New Zealand -----	10	3	0	0
India -----	66	14	8	0
Israel -----	25	46	26	24
All others-----	49	0	0	0
<b>Total-----</b>	<b>26,424</b>	<b>42,618</b>	<b>20,563</b>	<b>20,905</b>
<b>Grand total-----</b>	<b>94,329</b>	<b>95,240</b>	<b>51,262</b>	<b>40,128</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, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	57	14	14	19
Austria -----	2,676	3,070	1,464	1,732
Brazil -----	2,279	1,699	1,017	595
Czechoslovakia -----	0	0	0	0
East Germany -----	0	25	25	0
EC countries-----	10,447	15,072	8,937	4,870
Finland -----	8	0	0	0
Hungary -----	0	0	0	0
Japan -----	5,621	6,429	3,070	3,911
Mexico -----	59	376	98	67
Peoples Rep of China -----	37	0	0	1
Poland -----	209	294	132	144
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	828	1,285	680	808
Spain -----	159	51	30	47
Venezuela -----	0	0	0	0
Yugoslavia -----	3	10	10	0
<b>Total-----</b>	<b>22,383</b>	<b>28,325</b>	<b>15,477</b>	<b>12,194</b>
<b>Other countries:</b>				
Sweden -----	10,761	10,079	5,034	5,763
Canada -----	3,777	6,172	2,896	4,018
Argentina -----	186	134	113	30
Taiwan -----	11	22	0	0
Switzerland -----	22	15	15	1/
New Zealand -----	0	1	1	0
<b>Total-----</b>	<b>14,757</b>	<b>16,423</b>	<b>8,059</b>	<b>9,811</b>
<b>Grand total-----</b>	<b>37,140</b>	<b>44,748</b>	<b>23,536</b>	<b>22,005</b>

See footnote(s) at end of table.



Table 28.--Alloy tool steel (all forms): U.S. imports for consumption, by specified sources, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	117	50	50	31
Austria -----	7,444	6,567	3,132	3,681
Brazil -----	2,890	3,129	1,560	695
Czechoslovakia -----	0	0	0	0
East Germany -----	0	8	8	0
EC countries-----	17,541	24,272	15,507	8,403
Finland -----	14	0	0	0
Hungary -----	0	0	0	0
Japan -----	14,933	12,443	6,380	6,966
Mexico -----	61	735	142	64
Peoples Rep of China -----	36	0	0	4
Poland -----	281	384	165	213
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	1,322	1,810	975	1,167
Spain -----	249	78	47	54
Venezuela -----	0	0	0	0
Yugoslavia -----	4	12	12	0
<b>Total-----</b>	<b>44,892</b>	<b>49,488</b>	<b>27,978</b>	<b>21,278</b>
<b>Other countries:</b>				
Sweden -----	26,151	24,303	11,495	13,313
Canada -----	5,952	8,906	4,802	5,423
Argentina -----	273	203	171	57
Taiwan -----	16	51	0	0
Switzerland -----	53	11	11	2
New Zealand -----	0	2	2	0
<b>Total-----</b>	<b>32,445</b>	<b>33,476</b>	<b>16,481</b>	<b>18,795</b>
<b>Grand total-----</b>	<b>77,337</b>	<b>82,964</b>	<b>44,459</b>	<b>40,073</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, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985	1986	January--June	
			1986	1987
Quantity (short tons)				
<b>VRA countries:</b>				
Australia -----	60	15	15	20
Austria -----	3,952	3,777	1,787	1,975
Brazil -----	8,580	6,482	3,427	14,448
Czechoslovakia -----	0	0	0	0
East Germany -----	0	25	25	0
EC countries-----	110,961	117,991	79,315	41,352
Finland -----	6,187	10,318	5,322	4,353
Hungary -----	16	0	0	0
Japan -----	87,005	72,328	39,573	36,512
Mexico -----	3,889	12,011	5,530	10,291
Peoples Rep of China -----	38	6	1/	22
Poland -----	229	294	132	215
Portugal -----	61	0	0	0
Romania -----	409	0	0	0
Republic of South Africa -----	457	2,674	2,674	0
Korea, Republic of -----	17,316	15,661	9,338	8,790
Spain -----	17,781	17,725	10,200	10,200
Venezuela -----	0	0	0	0
Yugoslavia -----	3	10	10	0
<b>Total-----</b>	<b>256,944</b>	<b>259,317</b>	<b>157,348</b>	<b>128,178</b>
<b>Other countries:</b>				
Sweden -----	37,379	43,584	23,710	21,683
Canada -----	10,881	25,130	8,955	24,170
Taiwan -----	726	8,747	3,493	2,926
Argentina -----	383	263	203	79
India -----	6	185	1	355
Switzerland -----	317	129	126	95
Turkey -----	0	77	77	0
Panama -----	1	48	0	0
Norway -----	40	38	38	0
Jordan -----	51	22	20	19
All others-----	37	17	13	106
<b>Total-----</b>	<b>49,821</b>	<b>78,240</b>	<b>36,636</b>	<b>49,433</b>
<b>Grand total-----</b>	<b>306,765</b>	<b>337,557</b>	<b>193,984</b>	<b>177,611</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, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985	1986	January--June	
			1986	1987
Value (thousand dollars)				
<b>VRA countries:</b>				
Australia -----	253	142	106	65
Austria -----	11,580	8,771	4,121	4,650
Brazil -----	11,293	10,635	5,342	6,236
Czechoslovakia -----	0	0	0	0
East Germany -----	0	8	8	0
EC countries -----	176,063	187,004	119,730	71,856
Finland -----	9,043	15,018	7,580	6,538
Hungary -----	27	0	0	0
Japan -----	174,694	143,744	77,330	71,524
Mexico -----	6,263	17,480	7,626	16,841
Peoples Rep of China -----	37	14	1	33
Poland -----	302	384	165	229
Portugal -----	84	0	0	0
Romania -----	87	0	0	0
Republic of South Africa -----	510	3,030	3,030	0
Korea, Republic of -----	25,114	23,628	13,601	14,134
Spain -----	26,488	25,543	14,306	15,918
Venezuela -----	0	0	0	0
Yugoslavia -----	4	12	12	0
<b>Total-----</b>	<b>441,842</b>	<b>435,413</b>	<b>252,958</b>	<b>208,024</b>
<b>Other countries:</b>				
Sweden -----	91,767	97,920	52,115	46,058
Canada -----	22,738	42,707	17,423	35,670
Taiwan -----	1,220	15,927	5,887	7,449
Argentina -----	649	449	344	146
India -----	66	260	8	535
Switzerland -----	968	581	523	284
Turkey -----	0	110	110	0
Panama -----	4	62	0	0
Norway -----	80	86	86	0
Jordan -----	57	44	37	37
All others-----	134	83	54	168
<b>Total-----</b>	<b>117,683</b>	<b>158,229</b>	<b>76,587</b>	<b>90,347</b>
<b>Grand total-----</b>	<b>559,525</b>	<b>593,642</b>	<b>329,545</b>	<b>298,371</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, 1985, 1986, and by specified periods, 1986 and 1987

(Per short ton)

Item	1985	1986	January-June	
			1986	1987
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	1,225	1,049	1,097	664
Plate-----	1,576	1,510	1,394	1,664
Sheet and strip:				
Sheet-----	1,329	1,361	1,299	1,539
Strip-----	2,017	2,198	1,969	2,440
Average, sheet and strip:	1,389	1,421	1,346	1,602
Bars and shapes-----	1,971	1,960	1,964	1,864
Wire rod-----	1,696	1,629	1,661	1,757
Wire-----	2,705	2,984	3,027	2,992
Pipe and tube-----	2,947	2,862	2,807	3,087
Alloy tool steel (all forms)-	2,082	1,854	1,889	1,821
Average, stainless and alloy steel-----	1,824	1,759	1,699	1,680

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

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

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

Table 30.--Steel mill products and certain fabricated steel products: Unit value of U.S. imports for consumption, 1985, 1986, and by specified periods, 1986 and 1987

(Per short ton)

Item	1985	1986	January-June	
			1986	1987
Carbon and certain alloy 1/2 steel:				
Semifinished 2/3-----	191	191	189	204
Plate-----	300	294	286	320
Sheet and strip:				
Hot rolled-----	287	279	270	297
Cold rolled-----	424	408	400	444
Galvanized-----	467	465	448	496
Tin plate-----	532	527	539	533
Tin free-----	479	493	484	508
Other coated-----	525	500	494	511
Average, sheet and strip-----	406	399	391	427
Bar:				
Hot finished-----	373	354	353	365
Cold finished-----	495	512	515	1,098
Reinforcing-----	216	226	222	241
Light shapes-----	307	297	308	299
Average, bar-----	348	329	334	436
Wire rod-----	311	318	313	317
Wire-----	610	606	602	619
Wire products-----	568	604	596	624
Structural shapes and units:				
Heavy structurals-----	289	296	298	291
Fabricated structurals-----	781	906	914	929
Average, structurals-----	354	388	386	376
Rails and related products-----	385	325	367	343
Pipe and tube:				
Oil country tubular goods-----	576	517	528	506
Line pipe-----	415	417	415	411
Mechanical pipe-----	603	630	624	632
Structural pipe-----	334	343	341	351
Pressure tubing-----	703	654	684	762
Other (incl. standard)-----	408	403	408	405
Average, pipe and tube-----	476	443	448	437
Average, carbon and certain alloy 1/2 steel-----	384	377	378	394

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, 1985, 1986, and by specified periods, 1986 and 1987

Item	1985		1986		January-June	
					1986	1987
Quantity (short tons)						
Carbon and certain alloy 1/ steel:						
Semifinished 2/						
Ingots-----	70,861	152,445	35,036	20,567		
Blooms and billets-----	357,937	418,113	70,799	81,278		
Slabs and sheet bars-----	2,001,280	1,496,142	298,835	427,929		
Total-----	2,430,078	2,066,700	404,670	529,774		
Plate:						
Carbon-----	1,652,979	1,363,633	243,969	163,530		
Alloy-----	107,833	76,742	16,405	9,627		
Total-----	1,760,812	1,440,375	260,374	173,158		
Sheet and strip:						
Hot rolled:						
Sheet-----	2,422,820	2,090,107	283,883	297,629		
Strip-----	62,154	43,557	8,018	7,860		
Cold rolled:						
Black plate-----	241,375	205,937	37,416	26,147		
Electrical-----	118,834	81,703	14,359	8,020		
Other sheet-----	2,584,067	2,556,385	409,230	302,976		
Other strip-----	253,577	148,279	25,682	26,178		
Galvanized-----	2,479,093	2,321,108	403,445	382,372		
Tin plate-----	398,346	359,658	66,926	58,588		
Tin free-----	145,606	110,569	18,511	19,602		
Other coated-----	204,597	209,730	32,349	60,855		
Total-----	8,910,469	8,127,033	1,299,819	1,190,226		
Bar:						
Hot rolled:						
Carbon-----	445,689	420,515	62,737	74,925		
Alloy-----	193,563	155,218	29,070	29,519		
Cold rolled:						
Carbon-----	229,264	160,083	30,068	28,165		
Alloy-----	63,782	44,226	7,084	6,786		
Reinforcing-----	409,612	454,735	51,400	46,415		
Light structural shapes-----	133,537	158,953	20,049	25,398		
Total-----	1,475,447	1,393,731	200,409	211,208		

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, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	1985		1986		January-June	
					1986	1987
Quantity (short tons)						
Wire rod and related products:						
Wire rod:						
Carbon-----	1,312,163	1,236,274	225,871	241,145		
Alloy-----	143,915	107,982	17,431	15,588		
Wire:						
Carbon-----	548,840	528,187	84,892	82,205		
Alloy-----	41,477	36,294	7,574	5,992		
Wire products:						
Nails-----	403,523	393,673	59,304	74,566		
Barbed wire-----	15,336	22,157	4,507	3,816		
Wire fencing-----	14,722	12,063	1,932	2,491		
Bale ties-----	885	696	120	307		
Wire strand-----	145,178	121,596	26,989	16,165		
Wire rope-----	84,725	73,994	15,087	11,593		
Milliners wire-----	10,590	12,412	1,767	1,722		
Total-----	2,721,355	2,545,328	445,474	455,589		
Structurals:						
Heavy-----	2,119,045	1,852,377	339,508	343,473		
Fabricated-----	321,359	327,280	53,339	57,395		
Total-----	2,440,403	2,179,657	392,847	400,868		
Rails and related products:						
Rails-----	248,484	244,737	61,349	55,141		
Joint bars and tie plates-----	109,661	21,025	12,644	6,255		
Track spikes-----	296	323	82	11		
Wheels and axles-----	23,604	9,626	3,699	1,297		
Total-----	382,046	275,710	77,773	62,703		
Pipes and tubes:						
Oil country tubular goods-----	1,505,380	651,840	241,879	65,064		
Line pipe-----	1,042,050	782,764	208,888	68,930		
Mechanical pipe-----	331,160	239,170	45,275	36,326		
Structural pipe-----	501,948	479,768	94,803	79,086		
Pressure tubing-----	44,646	25,086	5,254	2,099		
Other (including standard)-----	1,032,094	744,400	149,857	118,474		
Total-----	4,457,277	2,923,029	745,956	369,979		

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, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	January-June			
	1985	1986	1986	1987
Quantity (short tons)				
Stainless and alloy tool steel:				
Stainless:				
Semifinished:				
Ingots-----	454	404	27	233
Blooms and billets-----	8,233	11,822	2,315	3,956
Slabs and sheet bars-----	1,602	5,397	2,411	179
Total-----	10,290	17,622	4,753	4,368
Plate-----	11,497	16,415	4,727	1,852
Sheet and strip:				
Sheet:				
Hot rolled-----	6,322	4,275	612	867
Cold rolled-----	117,579	136,440	36,716	22,992
Strip-----	11,719	10,856	2,063	1,462
Total-----	135,620	151,571	39,391	25,321
Bars and shapes-----	37,970	37,888	8,998	6,308
Wire rod-----	20,067	18,496	3,998	2,838
Wire-----	22,169	17,541	3,206	3,055
Pipe and tube-----	32,009	33,274	7,431	3,923
Alloy tool steel (all forms):				
Semifinished <u>2</u> /-----	6,606	8,032	1,821	1,694
Bars-----	19,584	21,496	4,564	3,348
Other-----	10,952	15,221	2,664	2,176
Total-----	37,142	44,749	9,049	7,217

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, 1985, 1986, and by specified periods, 1986 and 1987--Continued

Item	January-June			
	1985	1986	1986	1987
Share of product group totals (percent)				
Stainless and alloy tool steel:				
Stainless:				
Semifinished:				
Ingots-----	4.41	2.29	0.57	5.33
Blooms and billets-----	80.02	67.09	48.70	90.58
Slabs and sheet bars-----	15.57	30.62	50.73	4.09
Total-----	100.00	100.00	100.00	100.00
Plate-----	100.00	100.00	100.00	100.00
Sheet and strip:				
Sheet:				
Hot rolled-----	4.66	2.82	1.55	3.42
Cold rolled-----	86.70	90.02	93.21	90.80
Strip-----	8.64	7.16	5.24	5.77
Total-----	100.00	100.00	100.00	100.00
Bars and shapes-----	100.00	100.00	100.00	100.00
Wire rod-----	100.00	100.00	100.00	100.00
Wire-----	100.00	100.00	100.00	100.00
Pipe and tube-----	100.00	100.00	100.00	100.00
Alloy tool steel (all forms):				
Semifinished 2/-----	17.79	17.95	20.12	23.47
Bars-----	52.73	48.04	50.43	46.39
Other-----	29.49	34.01	29.44	30.15
Total-----	100.00	100.00	100.00	100.00

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

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

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

Table 32.--Steel mill products and certain fabricated steel products:  
U.S. imports for consumption, by customs areas, 1985, 1986, and by  
specified periods, 1986 and 1987

(Short tons)

Item	1985	1986	January-June	
			1986	1987
Atlantic Coast	4,831,437	4,915,642	2,740,059	2,618,413
Great Lakes-Canadian border	7,446,027	6,484,922	2,492,542	2,988,573
Gulf Coast-Mexican border	6,495,309	5,144,258	3,125,056	2,581,466
Off-shore	442,844	470,616	221,608	177,933
Pacific Coast	5,669,035	4,273,681	2,432,989	2,190,657
Total	24,884,652	21,289,119	11,012,253	10,557,040

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, 1985, 1986, and by specified periods, 1986 and 1987

(Short tons)

Item	1985	1986	January-June	
			1986	1987
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	382,733	420,146	293,313	293,636
Plate-----	320,253	265,696	160,211	132,867
Sheet and strip-----	1,896,056	2,114,016	1,216,621	1,056,476
Bars and certain shapes-----	247,894	265,102	104,291	133,214
Wire rod-----	278,121	269,425	145,041	151,282
Wire-----	155,563	138,407	76,658	60,523
Wire products-----	247,614	235,748	110,814	135,744
Structural shapes and units---	509,623	541,402	264,369	309,563
Rails and related products---	63,857	18,320	10,523	18,477
Pipe and tube-----	584,711	483,899	255,941	256,147
Total-----	4,686,424	4,752,161	2,637,782	2,547,930
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	5,358	8,592	6,127	4,903 <sup>5</sup>
Plate-----	5,786	9,221	7,372	1,843
Sheet and strip-----	49,854	62,730	43,415	22,473
Bars and certain shapes-----	19,337	20,307	11,820	9,899
Wire rod-----	15,854	14,402	7,689	6,620
Wire-----	14,106	9,570	4,753	5,338
Pipe and tube-----	12,157	12,306	7,105	5,197
Tool steel (all forms)-----	22,561	26,352	13,996	14,209
Total-----	145,013	163,481	102,277	70,483
Grand Total-----	4,831,437	4,915,642	2,740,059	2,618,413

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, 1985, 1986, and by specified periods, 1986 and 1987

(Short tons)

Item	1985	1986	January-June	
			1986	1987
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	978,641	614,958	216,909	243,733
Plate-----	588,594	532,453	199,178	303,515
Sheet and strip-----	3,158,419	2,671,422	920,109	1,091,094
Bars and certain shapes-----	595,090	563,444	226,045	276,706
Wire rod-----	581,459	518,651	210,914	260,656
Wire-----	253,390	264,474	136,345	133,828
Wire products-----	112,953	103,566	53,299	55,156
Structural shapes and units---	587,317	635,262	274,308	268,838
Rails and related products---	57,736	87,985	26,404	38,752
Pipe and tube-----	469,505	420,125	194,655	271,107
Total-----	7,383,104	6,412,340	2,458,168	2,943,386
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	1,197	7,263	696	14,789
Plate-----	1,128	990	331	902
Sheet and strip-----	41,623	36,402	19,956	15,763
Bars and certain shapes-----	3,032	3,930	1,707	1,775
Wire rod-----	737	770	395	363
Wire-----	3,831	4,592	2,299	2,475
Pipe and tube-----	2,690	5,639	2,453	3,082
Tool steel (all forms)-----	8,686	12,997	6,536	6,036
Total-----	62,923	72,583	34,374	45,187
Grand Total-----	7,446,027	6,484,922	2,492,542	2,988,573

09

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

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

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

Table 35.--Steel mill products and certain fabricated steel products: U.S. imports, for consumption through the Gulf Coast-Mexican border customs area, 1985, 1986, and by specified periods, 1986 and 1987

(Short tons)

Item	1985	1986	January-June	
			1986	1987
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	215,804	581,228	304,829	431,954
Plate-----	573,778	419,732	244,254	215,980
Sheet and strip-----	1,900,318	1,667,147	985,373	829,726
Bars and certain shapes-----	258,390	137,209	76,564	81,024
Wire rod-----	244,231	266,067	134,575	134,654
Wire-----	80,420	68,713	32,363	39,495
Wire products-----	146,947	126,549	69,653	57,770
Structural shapes and units--	584,412	450,697	250,387	270,349
Rails and related products---	134,309	92,952	61,575	32,447
Pipe and tube-----	2,310,434	1,285,600	938,080	449,449
Total-----	6,449,044	5,095,895	3,097,652	2,542,847
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	3,538	1,345	800	12,854
Plate-----	2,410	4,246	2,309	1,472
Sheet and strip-----	17,288	23,265	12,753	15,850
Bars and certain shapes-----	7,001	5,852	3,298	3,181
Wire rod-----	1,363	722	319	488
Wire-----	963	851	499	816
Pipe and tube-----	11,359	9,652	5,991	3,215
Tool steel (all forms)-----	2,344	2,430	1,435	743
Total-----	46,266	48,363	27,404	38,618
Grand Total-----	6,495,309	5,144,258	3,125,056	2,581,466

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, 1985, 1986, and by specified periods, 1986 and 1987

(Short tons)

Item	1985	1986	January-June	
			1986	1987
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	233	1,048	1,048	0
Plate-----	7,657	8,335	4,896	3,774
Sheet and strip-----	83,058	94,531	39,258	55,704
Bars and certain shapes-----	151,123	200,705	83,432	65,529
Wire rod-----	6,618	8,279	3,522	4,484
Wire-----	14,923	13,575	5,513	5,647
Wire products-----	8,015	8,551	4,436	3,994
Structural shapes and units--	35,412	27,365	12,093	13,504
Rails and related products--	3	641	1	344
Pipe and tube-----	134,024	105,346	66,916	24,610
Total-----	441,065	468,378	221,115	177,590
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	0	0	0	0
Plate-----	0	0	0	0
Sheet and strip-----	68	22	22	0
Bars and certain shapes-----	17	0	0	0
Wire rod-----	0	0	0	0
Wire-----	1,663	1,368	447	329
Pipe and tube-----	31	847	23	14
Tool steel (all forms)-----	0	0	0	0
Total-----	1,779	2,238	492	343
Grand Total-----	442,844	470,616	221,608	177,933

62

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

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

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

Table 37.--Steel mill products and certain fabricated steel products: U.S. imports, for consumption through the Pacific Coast customs area, 1985, 1986, and by specified periods, 1986 and 1987

(Short tons)

Item	1985	1986	January-June	
			1986	1987
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	852,668	449,319	193,457	207,984
Plate-----	270,531	214,158	139,011	89,833
Sheet and strip-----	1,872,617	1,579,917	856,632	829,790
Bars and certain shapes-----	222,950	227,271	130,275	113,028
Wire rod-----	345,650	281,835	150,862	136,420
Wire-----	86,020	79,311	41,022	40,620
Wire products-----	159,431	162,177	81,913	88,854
Structural shapes and units--	723,640	524,930	300,128	277,194
Rails and related products--	126,141	75,812	62,403	38,626
Pipe and tube-----	958,603	628,059	447,848	345,326
Total-----	5,618,252	4,222,789	2,403,552	2,167,675
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	197	422	188	1,115
Plate-----	2,173	1,958	1,473	13,148
Sheet and strip-----	26,786	29,151	17,614	3,712
Bars and certain shapes-----	8,583	7,799	4,043	1,671
Wire rod-----	2,113	2,603	1,248	827
Wire-----	1,606	1,160	608	1,488
Pipe and tube-----	5,773	4,829	2,692	1,017
Tool steel (all forms)-----	3,552	2,969	1,570	22,981
Total-----	50,783	50,891	29,437	2,190,657
Grand Total-----	5,669,035	4,273,681	2,432,989	

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

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

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





Appendix A

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

DEFINITIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

Alloy steel—Continued

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

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

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

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

9. Semifinished products include:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

13. Wire rod and related products include:

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

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

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

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

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

(ii) Wire is classified as follows:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

(vi) Stainless steel pipes and tubes; provided for in items 610.3701, 610.3727, 610.3731, 601.3741, 610.3742, 610.5130, 610.5202, 610.5205, 610.5230, and 610.5231, of the TSUSA. Stainless steel pipes and tubes are included in AISI product categories 21C and D.

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

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



Appendix B  
Specialty Steel Relief Provisions

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

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

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

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

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

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

B-4  
**TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)**

Page 9-18

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

9 - 2 - A

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

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

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

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

TARIFF SCHEDULES OF THE UNITED STATES ANNOTATED (1987)

Page 9-20

APPENDIX TO THE TARIFF SCHEDULES

9 - 2 - A

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

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



ANNEX

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

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

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

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

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

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

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

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

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

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

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

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

