

MONTHLY REPORT ON THE STATUS OF THE STEEL INDUSTRY

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



USITC PUBLICATION 2270

APRIL 1990

UNITED STATES INTERNATIONAL TRADE COMMISSION

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Monthly Review: Africa

Production

Growth in demand for steel in Africa during 1984-88 led to a corresponding increase in raw steel production, which grew from 10.6 million metric tons in 1984 to 14.0 million tons in 1988.¹ As shown in the following tabulation, South Africa was the largest producer, accounting for 63 percent of the region's total production in 1988:

Crude Steel Production in Africa in 1988
(Thousands of metric tons)

South Africa	8,838
Egypt	2,025
Algeria	1,400
Zimbabwe	602
Nigeria	234
Tunisia	162
Other	75
Total	13,336

Trade

Africa is a net importer of steel products, importing several times as much steel as is exported. With respect to exports, total foreign shipments (including commerce between African countries) rose by about 55 percent during 1984-89, to 3.2 million metric tons. South Africa was by far the largest source of exports, accounting for almost 90 percent of the total.

Steel imported by African countries (including commerce between African countries) increased by 43 percent from 1984 to 1986 (to 10 million metric tons), before declining 40 percent to an estimated 6 million metric tons in 1989. Throughout the period, Nigeria and Egypt were the largest importers of steel products, accounting for approximately 20 to 40 percent of total steel imports during the period.

Trade with the United States

U.S. exports to Africa have been relatively small, remaining under 100,000 metric tons since 1983. The largest U.S. export market in Africa during 1989 was Egypt, accounting for 49 percent of total U.S. exports. In 1989, U.S. exports to Africa consisted largely of semifinished products, tin mill products, and oil country tubular goods.

U.S. imports of steel mill products from Africa declined substantially during 1984-89, falling from 524,000 to 22,000 metric tons. The decline reflects the effect of economic sanctions imposed on South Africa, which had

¹Data for 1989 raw steel production are not yet available.

been the largest African supplier of steel mill products to the U.S. market.

Recent Industry Developments

Three U.S. business enterprises (International Business Association, Industrial Dynamics, and American Machine Technology) have invested \$24 million in the rebuilding of Nigersteel (a government-owned, non-integrated steel plant located in Enugu, Nigeria), with the bulk of the investment being financed by the Export/Import Bank and another U.S. financial institution. This renovated steel company will utilize a continuous caster and a rolling mill to manufacture plate, sheet and strip, and various structural products. With a planned workforce of about 250 employees and a manufacturing capacity of 100,000 metric tons per year, Nigersteel is expected by its owners to become a major supplier to the relatively small steel fabricating mills in Nigeria. Although the largest volume of Nigersteel's output is being targeted to supply customers in the home market, its proximity to Port Harcourt (about 80 miles away) would facilitate exports to other African markets, should demand rise.

Kenya reportedly completed a second cold-rolling mill during the third quarter of 1989. The company, The Standard Rolling Mill, is designed to produce 50,000 to 70,000 tons of steel per year, and will reportedly relieve a shortage in cold-rolled sheet products.² This company will be a major competitor with the country's existing Mabati cold-rolled mill. The new mill, which was financed at \$30 million by a Kenyan financial institution, will apparently sell mostly to the local market. However, economic growth in neighboring Uganda and Tanzania could offer a growing export market in the future.³

James Brandon
252-1433

² Metal Bulletin, July 10, 1989.
³ Ibid.

Monthly Review:
Selected Industry and Trade Topics

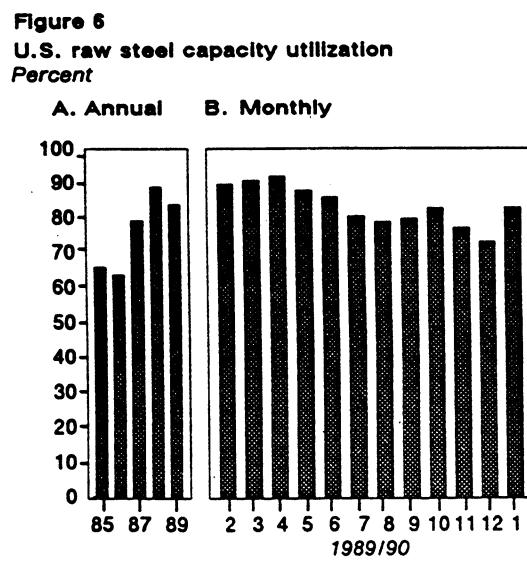
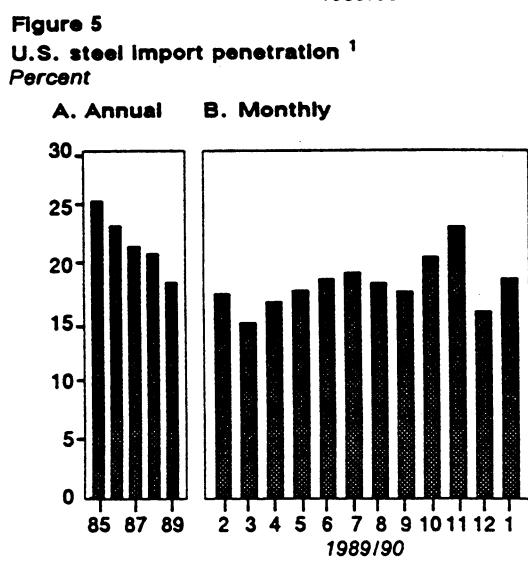
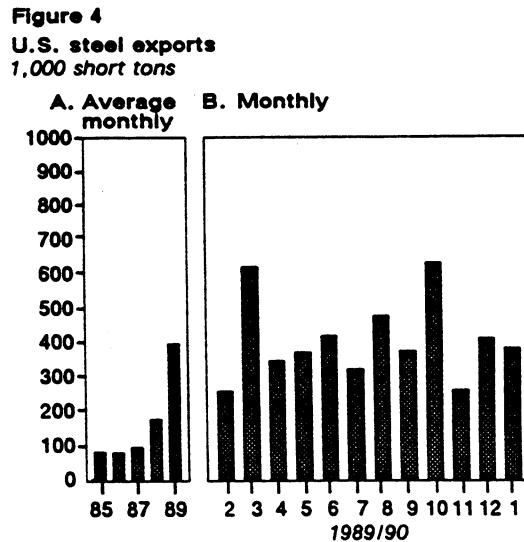
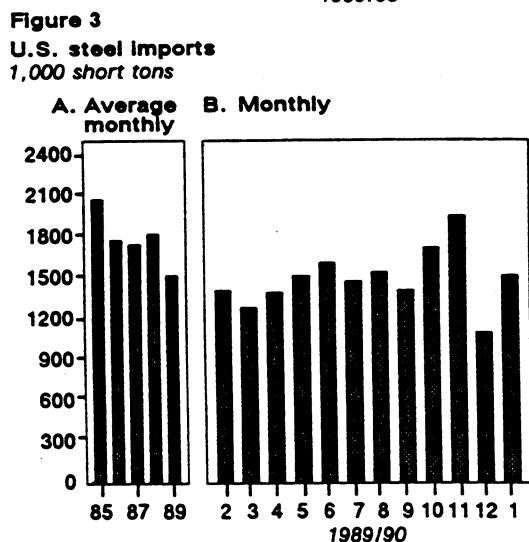
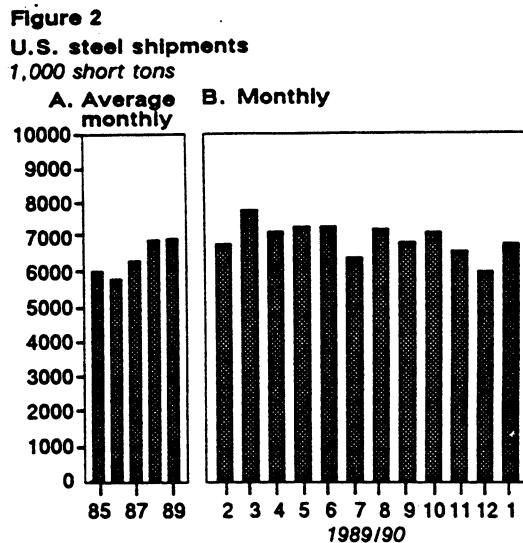
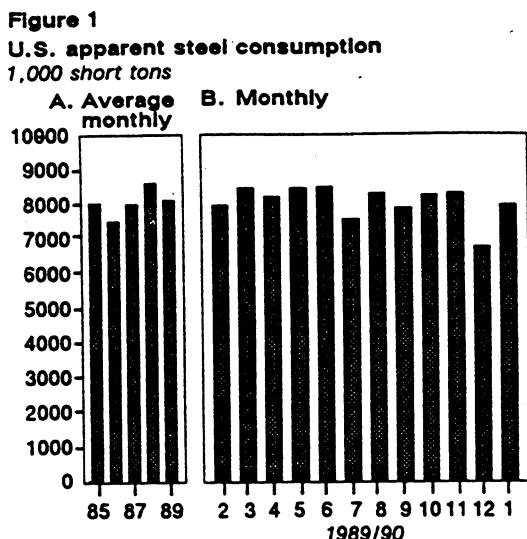
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U.S. STEEL INDUSTRY HIGHLIGHTS



¹ Import penetration is defined as the percent of apparent consumption represented by imports.

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

Preface

On December 29, 1989, at the request of the Committee on Ways and Means, U.S. House of Representatives,¹ and in accordance with the provisions of section 332(g) of the Tariff Act of 1930 (19 U.S.C. 1332(g)), the United States International Trade Commission announced the continuation of investigation No. 332-226, Monthly Reports on the Status of the Steel Industry.² The purpose of the reports is to monitor developments in the steel industry through March 1992, which corresponds with the President's extension of the voluntary restraint arrangements (VRAs) with certain countries and regions which export steel to the United States. The original investigation was instituted by the Commission on April 9, 1986.

Background of the VRAs

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 were found to be a substantial cause of serious injury, or threat thereof, to certain domestic industries (investigation No. TA-201-51).³ 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 (VRAs) 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 previous years due to an unfair surge in imports. Although the structure of the arrangements varied from one country to another, each involved an agreement by the foreign government to limit exports of certain steel products to the United States; to bring the agreements into effect, U.S. producers withdrew pending unfair trade petitions and the U.S. Government suspended antidumping and countervailing duties that were in effect on steel products covered by the VRAs. The trade 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 indicated were limited to about 1.7 million tons per year).

Specialty steel

On July 19, 1983, the President announced his decision to grant import relief to the specialty steel industry for a period of 4 years (53

¹See appendix A for a copy of the request.

²See appendix B for the notice of continuation.

³Affirmative 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.

Federal Register 52897). The relief was scheduled to expire on July 19, 1987. Under the relief, quotas were placed 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 then in effect for a period from July 20, 1987 through September 30, 1989. Under the steel VRAs, in return for their agreement to limit exports of stainless steel plates and sheets and strip, the VRA 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 VRAs 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 includes the specialty steel products subject to quotas; and Austria, which included alloy tool steel in its VRA.

Extension of the VRAs

On July 25, 1989, the President announced a Steel Trade Liberalization Program, under which the VRAs were extended for two and one-half years, terminating on March 31, 1992. The President directed the U.S. Trade Representative to negotiate VRAs at an overall restraint level of 18.4 percent (which is the same as the 1988 VRA import penetration level). In order to provide incentives for countries to eliminate trade-distorting practices and in order to respond to concerns of steel consumers for adequate supplies of raw materials, the President authorized up to an additional one percent import penetration annually that would be available to countries that entered into bilateral consensus agreements.⁴

On December 12, 1989, the U.S. Trade Representative announced that negotiations had been completed with the European Community and the 16 other countries that previously had VRAs.⁵ As a result of the negotiations, the restraint levels for steel mill products (including semifinished steel) increased to a 19.1 percent share of domestic consumption in the first period of the new VRA program (table A). Additional increases in restraint levels have been authorized for subsequent years for countries that have entered into bilateral consensus agreements.⁶ Product coverage under the VRAs remains essentially unchanged though the agreements have been modified to include those specialty steel products that were previously subject to relief under section 203 of the Trade Act of 1974.

⁴Negotiations for bilateral agreements were conducted in order to restrict trade-distorting practices, and to address the causes rather than the symptoms affecting world trade in steel. See appendix C for the text of the USTR's announcement.

⁵South Africa is the only country with which the United States did not renew the VRA.

⁶Countries or regions with which the U.S. has negotiated bilateral agreements are the EC, Japan, South Korea, Brazil, Mexico, Australia, and Trinidad and Tobago. Although bilateral agreements have been reached with Austria, Finland and Yugoslavia, there has been no announcement of additional market share increases for those countries.

Table A
Overall ceiling levels under initial and extended voluntary restraint arrangements

Country	VRA I	First Period 1/ Percent	Second Period 1/ Percent	Third Period 1/ Percent
Australia 2/-----	0.26	0.39	0.49	0.59
Austria-----	0.24	0.25	0.25	0.25
Brazil 2/-----	1.35	1.80	2.10	2.10
Czechoslovakia-----	0.04	0.04	0.04	0.04
EC 2/-----	6.94	7.00	7.00	7.00
Finland-----	0.24	0.25	0.25	0.25
East Germany-----	0.11	0.10	0.10	0.10
Hungary-----	0.03	0.05	0.05	0.05
Japan 2/-----	6.19	5.00	5.30	5.30
South Korea 2/-----	1.92	2.45	2.62	2.62
Mexico 2/-----	0.49	0.95	1.10	1.10
PRC-----	0.08	0.08	0.09	0.09
Poland-----	0.09	0.13	0.13	0.13
Romania-----	0.11	0.11	0.11	0.11
Trinidad and Tobago 2/--	0.04	0.12	0.13	0.15
Venezuela-----	0.21	0.33	0.33	0.33
Yugoslavia-----	0.02	0.05	0.05	0.05
Total-----	18.36	19.10	20.14	20.26

¹ Numbers are approximate because some VRAs were negotiated for two 15-month periods, and others were negotiated for other combinations totaling 30 months. Market shares are based on 1989 apparent consumption.

² Includes allocation of bonus percentage (see Preface for explanation). Amount of allocation not specified.

Source: USTR press release, December 12, 1989.

Structure of the Report

- o The Monthly Review section provides perspective on imports and trade by highlighting specific products, countries, or customs areas. The inclusion of such insights, which may not be readily apparent from the report's tabulated data, are intended to focus attention on important events in the steel industry. A chronological listing of Monthly Review topics immediately follows each month's review.
- 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. 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 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.
- 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 1989 semifinished unadjusted export ceilings 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 and domestic shipments are compiled from official statistics of the U.S. Department of Commerce and from statistics of the American Iron and Steel Institute (AISI), respectively.

The products for which foreign trade data are collected generally correspond to those covered by the VRAs. Since the VRAs include certain fabricated products (defined as wire strand, wire ropes, cables, cordage and fabricated structural units), the data may exceed that compiled by other organizations such as the AISI. The additional tonnage, however, is relatively small. In 1989, AISI reported imports of 17.3 million tons, which compares to the 18.2 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 EC VRA now includes Portugal and Spain, which are no longer subject to separate VRAs.

In table 30, unit values are calculated using unrounded data. Import values are customs value, i.e., the data do not include insurance and freight charges from the country of origin to the United States.

Trade data include imports under sections 9802.0060 and 9802.0080 of the Harmonized Tariff Schedule and sections 806.30 and 807.00 of the Tariff Schedule of the United States. These provisions apply to U.S. merchandise which is exported, processed, and reimported into the United States.

For the purposes of statistical continuity, South Africa continues to be listed as a VRA country.

As of the February 1990 report, the source for the data on employment levels in Table 1 was changed from the American Iron and Steel Institute (AISI) to the U.S. Department of Labor, Bureau of Labor Statistics (BLS). AISI employment figures cover reporting companies only; these companies represent a declining share of total raw steel production. The BLS data cover the entire steel industry, as defined by Standard Industrial Code 331.

Beginning with the February 1990 report, data on tool steel imports were revised so as to exclude bearing steel products; the revisions affect data going back to January 1989. The revised data, which are consistent with industry practice and reports prior to 1989, treat bearing steel as an alloy steel and categorize it according to its end form--either plate, sheet and strip, or rod. Unlike data on imports and shipments, available data on tool steel exports include some bearing steel products. As a result, apparent consumption calculations (see table 5) are slightly understated in the case of tool steel, and slightly overstated in the case of plate, sheet and strip, and rod. The ITC staff estimates, however, that the degree of understatement/overstatement is minor, as exports of bearing steel products are believed to be relatively low.

The continuity of certain trade data was affected by the implementation of the HTS due to changes in the metallurgical specifications of alloy steel and two important subsets of alloy steel: stainless steel and tool steel. In the case of alloy steel and tool steel, definitions have been broadened in some areas and narrowed in others, making it difficult to determine the net impact on trade figures. In the case of stainless steel, the definition has been broadened. Under the TSUS stainless steel was defined as any alloy steel which contained, by weight, less than 1 percent of carbon and over 11.5 percent of chromium; the HTS defines stainless steel as alloy steels containing, by weight, 1.2 percent or less of carbon and 10.5 percent or more of chromium, with or without other elements.

Certain export data have been revised in this report to correct problems that occurred in the process of converting to the HTS; the data revisions, however, are minor.

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Table 1.--Steel: U.S. raw steel production, capability utilization, employment, wages, shipments, imports, exports, apparent consumption, net sales 1985-89 and specified periods 1989 and 1990

Item										January		
	1985	1986	1987	1988	1989	1990	1989	1990	1989	1990	1989	1990
Raw steel:	:	:	:	:	:	:	:	:	:	:	:	:
Production (1,000 short tons).....	88,259	81,606	89,151	99,924	97,480	8,729	8,241	8,241	8,729	8,729	8,241	8,241
Capability utilization (percent).....	66.1	63.6	79.5	89.2	84.1	88.2	83.1	83.1	88.2	88.2	83.1	83.1
Continuously cast (percent).....	44.4	55.2	59.6	61.3	64.6	63.1	66.7	66.7	63.1	63.1	66.7	66.7
Employment:	:	:	:	:	:	:	:	:	:	:	:	:
Total (thousands) 1/.....	302.6	273.5	268.4	277.2	274.3	276.4	2/	2/	274.3	276.4	2/	2/
Production workers (thousands) 1/	231.5	208.8	202.9	214.6	211.6	214.4	2/	2/	211.6	214.4	2/	2/
Hourly employment cost 2/ (dollars).....	22.81	23.24	23.71	24.65	24.63	24.49	25.07	25.07	24.63	24.49	25.07	25.07
Steel:	:	:	:	:	:	:	:	:	:	:	:	:
Shipments (1,000 short tons).....	73,043	70,263	76,654	83,840	84,259	7,278	6,863	6,863	84,259	7,278	6,863	6,863
Imports (1,000 short tons).....	24,885	21,289	20,938	21,869	18,219	1,867	1,513	1,513	18,219	1,867	1,513	1,513
Exports (1,000 short tons).....	992	980	1,176	2,152	4,778	2,64	384	384	2,152	4,778	2,64	384
Apparent consumption (1,000 short tons)....	96,936	90,572	96,416	103,558	97,700	8,881	7,991	7,991	97,700	8,881	7,991	7,991
Ratio of imports to consumption (percent) ..	25.7	23.5	21.7	21.1	18.6	21.0	18.9	18.9	21.1	18.6	21.0	18.9
Steel operations:	:	:	:	:	:	:	:	:	:	:	:	:
Net steel sales (million dollars).....	28,272	24,875	26,933	32,318	4/	4/	4/	4/	32,318	4/	4/	4/
Net steel income (million dollars).....	(1,834)	(4,150)	1,077	(559)	4/	4/	4/	4/	(559)	4/	4/	4/
Ratio of income to net sales (percent)....	(6.5)	(16.7)	4	(1.9)	4/	4/	4/	4/	4/	4/	4/	4/

1/ These figures represent employment in Standard Industrial Code (SIC) 331, which includes the electrometallurgical products (or ferroalloy) industry. In the past, this industry, which is not generally defined as part of the steel industry, has represented less than 3 percent of total employment levels reporting under this SIC. Please note that the data series on employment levels has been changed as of the February 1990 report. (See Notes, p. xi for explanation).

2/ Not available.

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

4/ Not available.

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

Table 2.--Steel mill products and certain fabricated steel products: U.S. Producers' shipments, by product and grade of steel, 1985-1989, and by specified periods, 1989 and 1990
(Short tons)

Item	January				
	1985	1986	1987	1988	1989
All grades of steel:					
Semifinished	1,374,524	1,485,249	1,593,216	1,927,658	1,850,245
Plate	4,327,347	3,564,806	4,047,919	7,327,887	7,293,115
Sheet and strip	40,850,298	40,493,141	43,288,266	46,707,915	45,376,975
Bars & certain shapes 1/	12,667,539	12,171,142	13,575,114	14,488,773	14,510,007
Hire rod	2,961,659	2,840,494	3,840,494	4,048,230	4,229,889
Hire	8,874,135	8,802,259	8,800,763	1,072,698	1,005,407
Wire products	262,268	278,068	304,761	0	0
Structural shapes & units	4,698,305	4,527,632	5,119,714	5,208,754	5,438,404
Rails & related products	4,931,313	5,640,197	5,14,647	6,15,303	5,94,771
Pipe and tube	4,095,425	2,836,458	5,569,667	6,663,251	6,010,591
Total	73,043,323	70,262,779	76,653,841	83,840,469	84,259,404
Carbon & certain alloy 2/ steel:					
Semifinished	1,327,766	1,435,662	1,516,152	1,851,197	1,753,249
Plate	4,185,883	3,448,947	3,888,838	7,145,009	7,123,691
Sheet and strip	40,018,167	39,693,739	42,347,623	43,663,695	44,419,414
Bars & certain shapes	12,478,002	11,996,343	13,391,238	14,286,746	14,304,189
Hire rod	2,931,897	3,427,428	3,792,740	3,990,472	4,193,118
Hire	851,841	777,604	773,329	1,043,112	980,707
Wire products	262,268	278,068	304,761	0	0
Structural shapes & units	4,698,305	4,527,632	5,119,714	5,208,754	5,438,404
Rails & related products	4,931,313	5,640,197	5,14,647	6,15,303	5,94,771
Pipe and tube	4,095,425	2,836,458	5,569,667	6,663,251	6,010,591
Total	71,932,213	69,019,838	75,176,909	82,190,067	82,720,013
Stainless & alloy tool steel:					
Semifinished	46,758	49,587	77,064	76,461	96,996
Plate	141,464	115,859	159,081	182,878	169,624
Sheet and strip	832,131	799,402	940,643	1,044,220	957,561
Bars & certain shapes	129,267	119,029	125,641	139,752	138,618
Hire rod	29,872	36,399	47,754	57,758	56,771
Hire	22,294	24,655	26,34	29,586	24,700
Pipe and tube	49,056	42,240	41,780	55,490	48,121
Tool steel (all forms)	60,270	55,775	58,315	64,277	67,200
Total	1,311,110	1,242,941	1,476,932	1,630,422	1,339,391

1/ Includes tool steel.

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

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

Table 3.—Steel mill products and certain fabricated steel products: U.S. imports by product and grade of steel, 1985-1989, and by specified periods, 1989 and 1990
 (Short tons)

Item	January					
	1985	1986	1987	1988	1989	1990
All grades of steel:						
Semifinished—						
Plate—	2,440,368	2,084,322	2,288,995	2,844,979	2,197,811	249,023
Sheet and strip—	1,772,309	1,456,790	1,566,694	1,872,937	1,437,109	111,479
Bars & certain shapes 1/—	9,046,089	8,278,604	7,875,891	7,503,964	6,443,852	696,339
Hire rod—	1,550,559	1,676,368	1,359,758	1,445,932	1,356,035	103,381
Hire—	1,476,145	1,362,753	1,467,030	1,493,833	1,150,116	109,001
Wire products—	612,485	582,022	555,981	540,380	494,303	43,439
Structural shapes & units—	674,960	636,591	649,377	572,451	703,602	57,639
Rails & related products—	2,640,403	2,179,657	2,153,669	2,188,467	1,660,361	97,510
Pipe and tube—	382,046	275,710	245,988	319,432	322,985	26,790
Total—	24,884,651	21,289,120	20,938,474	21,869,063	18,218,976	213,573
Carbon & certain alloy 2/—						
Steel:						
Semifinished—	2,430,078	2,066,700	2,232,270	2,782,572	2,135,690	245,549
Plate—	1,760,812	1,440,375	1,555,577	1,857,090	1,419,396	109,837
Sheet and strip—	8,910,469	8,127,033	7,766,596	7,185,380	6,302,844	613,125
Bars & certain shapes—	1,475,447	1,393,731	1,281,168	1,361,113	1,261,305	485,544
Hire rod—	1,456,078	1,346,256	1,668,720	1,474,622	1,228,417	95,865
Wire—	590,317	564,481	536,897	519,727	472,984	41,769
Wire products—	674,960	636,591	649,377	572,451	703,602	57,639
Structural shapes & units—	2,440,403	2,179,657	2,153,669	2,188,467	1,660,361	97,510
Rails & related products—	382,046	275,710	245,988	319,432	322,985	26,790
Pipe and tube—	4,457,277	2,923,029	2,768,644	3,249,937	2,435,544	37,377
Total—	24,577,887	20,951,563	20,598,906	21,510,792	17,826,128	208,499
Stainless & alloy tool						
Steel:						
Semifinished—	10,290	17,622	56,725	62,407	62,121	8,723
Plate	11,497	16,415	11,118	15,847	17,713	1,711
Sheet and strip—	135,620	151,571	129,295	118,584	141,009	12,933
Bars & certain shapes—	37,970	37,888	37,991	40,724	43,417	10,795
Hire rod—	20,067	18,496	18,311	19,210	20,653	6,070
Hire—	22,169	17,541	19,084	21,319	21,178	2,183
Pipe and tube—	32,009	33,274	26,448	37,258	3,458	1,670
Tool steel (all forms)—	37,142	49,749	60,599	66,095	68,313	4,594
Total—	306,764	337,556	339,571	358,272	392,848	31,873

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, 1985-1989, and by specified periods, 1989 and 1990
(Short tons)

Item	January			
	1985	1986	1987	1988
All grades of steel:				
Semifinished--				
Plate--	89,708	58,885	73,543	61,450
Sheet and strip--	82,988	69,565	96,538	119,393
Bars & certain shapes 1/	375,396	507,420	556,991	1,374,056
Hire rod--	99,096	81,224	121,869	141,461
Wire--	4,740	5,876	8,217	10,161
Wire products--	19,166	26,760	23,257	36,668
Structural shapes & units--	19,253	24,731	101,373	27,847
Rails & related products--	89,031	71,525	113,131	111,614
Pipe and tube--	13,430	19,258	121,050	18,855
Total--	992,046	980,167	1,176,367	1,250,379
Carbon & certain alloy 2/ steel:				
Semifinished--	82,650	57,932	71,362	58,598
Plate--	74,957	66,042	92,057	107,546
Sheet and strip--	349,620	477,803	501,019	1,328,485
Bars & certain shapes--	89,241	72,134	111,619	124,911
Hire rod--	3,716	5,049	6,889	8,676
Wire--	17,182	24,033	22,863	32,209
Wire products--	19,253	24,731	23,257	32,047
Structural shapes & units--	89,031	71,225	101,573	111,614
Rails & related products--	13,430	15,131	15,755	18,855
Pipe and tube--	193,309	113,910	163,495	244,192
Total--	932,389	930,390	1,089,590	1,062,933
Stainless & alloy tool steel:				
Stainless steel:				
Semifinished--	7,058	953	2,181	2,833
Plate--	8,031	3,523	4,481	11,847
Sheet and strip--	25,776	29,617	55,981	45,771
Bars & certain shapes--	7,762	6,946	7,189	12,047
Hire rod--	1,024	2,828	1,328	1,486
Wire--	1,964	2,728	3,806	4,459
Pipe and tube	5,948	3,060	8,751	6,198
Tool steel (all forms)--	2,094	2,194	3,061	4,502
Total--	59,637	49,779	86,778	88,943
				117,836
				10,814
				9,945

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, 1985-1989, and by specified periods, 1989 and 1990
(Short tons)

Item	January				
	1985	1986	1987	1988	1989
All grades of steel:					
Semifinished:	3,725,184	3,510,686	3,808,668	4,711,207	3,657,244
Plate:	6,016,668	4,952,031	5,518,075	9,081,431	8,099,535
Sheet and strip:	49,520,991	48,264,325	50,607,166	50,637,823	49,299,178
Bars & certain shapes 1/	16,119,002	13,566,286	14,813,003	15,793,244	15,607,402
Wire rod:	4,433,174	4,820,704	5,299,307	5,531,902	5,343,912
Hire:	1,467,474	1,529,521	1,529,375	1,576,604	2,139,808
Wire products:	917,975	889,928	930,881	544,604	544,607
Structural shapes & units:	7,049,677	6,635,764	7,172,010	7,285,607	6,818,015
Rails & related products:	1,299,929	902,776	7,446,880	7,915,880	7,811,292
Pipe and tube:	8,385,854	5,671,711	6,192,583	7,479,551	6,060,401
Total:	96,935,928	90,571,732	96,415,448	103,357,659	97,786,787
Carbon & certain alloy 2/ steel:					
Semifinished:	3,675,194	3,666,430	3,677,060	4,575,171	3,511,955
Plate:	5,871,738	4,823,280	5,352,358	8,894,553	7,919,675
Sheet and strip:	48,579,016	47,362,969	49,593,209	49,520,946	48,246,263
Bars & certain shapes:	13,864,208	13,567,940	14,560,787	15,520,946	15,344,745
Wire rod:	4,384,259	4,766,635	5,234,571	5,456,419	5,290,947
Hire:	1,424,976	1,318,052	1,287,363	1,530,630	2,096,403
Wire products:	917,975	889,928	930,881	544,604	544,607
Structural shapes & units:	7,049,677	6,635,764	7,172,010	7,285,607	6,818,015
Rails & related products:	1,299,929	902,776	7,446,880	7,915,880	7,811,292
Pipe and tube:	8,310,739	5,599,237	6,133,106	7,393,506	5,993,089
Total:	95,377,711	89,041,031	94,686,225	101,637,906	95,972,384
Stainless & alloy tool steel:					
Stainless steel:	49,990	66,256	131,608	136,035	145,288
Semifinished:	144,930	128,751	165,718	186,878	179,860
Plate:	941,975	921,356	1,013,957	1,117,913	1,052,917
Sheet and strip:	159,475	149,966	156,243	168,429	165,636
Bars & certain shapes:	48,915	54,067	64,737	75,482	52,964
Wire rod:	42,499	39,468	42,012	45,780	43,405
Hire:	75,115	72,474	59,677	86,066	77,312
Pipe and tube:	95,318	98,380	95,973	103,970	97,021
Tool steel (all forms):	1,556,217	1,530,718	1,729,725	1,919,951	1,816,403
Total:					179,646
					147,629

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

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

Table 6.—Steel mill products and certain fabricated steel products: U.S. imports as a percent of apparent consumption, by product and grade of steel, 1985-1989, and by specific periods, 1989 and 1990
(Percent)

Item	January				
	1985	1986	1987	1988	1989
All grades of steel:					
Semifinished					
Plate	65.5	60.4	60.4	60.4	60.4
Sheet and strip	29.5	28.4	28.4	28.4	28.4
Bars & certain shapes 1/	18.5	15.6	14.2	14.2	14.2
Hire rod	11.0	11.3	11.3	11.3	11.3
Hire	33.3	27.7	27.7	27.7	27.7
Wire products	41.0	41.0	41.0	41.0	41.0
Structural shapes & units	73.5	69.8	69.8	69.8	69.8
Rails & related products	36.6	35.0	35.0	35.0	35.0
Pipe and tube	55.5	55.2	55.2	55.2	55.2
Total	23.7	23.3	23.3	23.3	23.3
Carbon & certain alloy 2/ steel:					
Semifinished					
Plate	66.1	60.9	60.7	60.8	60.8
Sheet and strip	30.0	29.9	29.1	29.1	29.1
Bars & certain shapes	18.5	17.2	15.6	14.5	14.5
Hire rod	10.6	10.5	8.8	8.8	8.8
Hire	33.2	28.2	27.7	27.0	27.0
Wire products	41.0	42.0	41.5	34.0	34.0
Structural shapes & units	73.5	71.5	69.8	55.1	55.1
Rails & related products	34.6	32.8	32.8	30.0	30.7
Pipe and tube	53.6	52.2	44.8	41.3	48.6
Total	23.8	23.3	21.6	21.2	21.0
Stainless & alloy tool steel:					
Semifinished					
Plate	20.6	26.6	43.1	45.9	42.8
Sheet and strip	12.7	12.7	6.7	8.5	9.8
Bars & certain shapes	14.4	16.5	12.8	10.6	13.2
Hire rod	23.8	25.3	24.5	24.2	26.2
Hire	41.0	34.2	28.5	25.4	41.0
Pipe and tube	52.2	46.4	45.4	45.1	35.5
Tool steel (all forms)	42.6	45.9	44.5	42.7	46.1
Total	19.7	22.5	19.2	19.6	22.7
					21.7
					21.6

1/ Includes tool steel.

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

3/ Shipment and apparent consumption data for wire and wire products have been combined and are reported in the category designated "wire."

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

Table 7.--Steel mill products and certain fabricated steel products: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990

Item	1988	1989	January		1990
			1989	1990	
	Quantity (short tons)				
VRA countries:					
Australia -----:	282,085	274,578	29,098	29,210	
Austria -----:	138,101	86,486	2,930	6,884	
Brazil -----:	1,476,896	1,391,142	163,581	152,358	
Czechoslovakia -----:	37,301	25,693	0	145	
East Germany -----:	92,239	55,867	1,296	9,585	
EC countries-----:	6,276,220	5,677,031	631,674	404,627	
Finland -----:	212,989	216,716	32,615	28,358	
Hungary -----:	30,094	28,420	3,569	0	
Japan -----:	4,343,898	3,696,102	358,212	257,128	
Mexico -----:	488,367	467,616	20,821	65,980	
Peoples Rep of China -----:	68,840	62,028	3,241	6,114	
Poland -----:	89,648	72,786	2,994	1,247	
Romania -----:	102,548	49,451	52	1,656	
Republic of South Africa -----:	1,693	756	103	0	
Korea, Republic of -----:	1,572,602	1,191,970	127,256	112,630	
Trinidad and Tobago -----:	31,518	48,028	280	12,584	
Venezuela -----:	169,383	173,642	6,496	10,258	
Yugoslavia -----:	12,751	8,222	667	1,199	
Total-----:	15,427,173	13,526,534	1,384,885	1,099,963	
Other countries:					
Canada -----:	3,430,920	3,218,371	334,243	278,149	
Sweden -----:	575,055	254,508	26,897	23,355	
Argentina -----:	558,011	227,866	10,362	15,973	
Turkey -----:	307,985	211,805	17,455	18,417	
Taiwan -----:	252,112	164,136	19,381	18,365	
India -----:	100,261	106,110	4,413	17,041	
Norway -----:	181,502	90,181	19,138	2,664	
Singapore -----:	153,164	78,918	4,950	10,214	
New Zealand -----:	88,980	78,564	9,612	18,199	
Indonesia -----:	281,142	69,344	9,418	1,534	
All others-----:	512,760	192,639	26,379	8,805	
Total-----:	6,441,892	4,692,442	482,248	412,716	
Grand total-----:	21,869,065	18,218,976	1,867,133	1,512,679	

Table 7.--Steel mill products and certain fabricated steel products: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January	
			1989	1990
	Value (thousand dollars)			
VRA countries:				
Australia -----:	118,494	126,633	13,937	6,475
Austria -----:	82,907	67,871	4,149	6,045
Brazil -----:	463,632	473,506	57,595	38,021
Czechoslovakia -----:	12,019	8,890	-	55
East Germany -----:	31,340	18,908	433	3,439
EC countries-----:	2,981,610	2,946,158	307,328	215,199
Finland -----:	101,105	91,999	13,826	8,869
Hungary -----:	8,600	9,155	1,135	-
Japan -----:	2,562,005	2,426,631	225,472	186,043
Mexico -----:	240,693	252,036	11,480	29,763
Peoples Rep of China -----:	27,574	34,627	1,654	3,207
Poland -----:	30,281	26,614	1,182	722
Romania -----:	36,063	17,374	36	634
Republic of South Africa ----:	1,487	594	84	-
Korea, Republic of -----:	770,065	638,311	63,765	60,622
Trinidad and Tobago -----:	8,602	14,695	462	3,562
Venezuela -----:	53,699	61,681	2,452	4,331
Yugoslavia -----:	5,947	3,423	224	512
Total-----:	7,536,123	7,219,106	705,214	567,499
Other countries:				
Canada -----:	1,706,602	1,697,849	174,170	138,892
Sweden -----:	358,878	278,350	24,762	22,139
Argentina -----:	221,845	110,210	4,505	7,975
Turkey -----:	93,038	65,999	5,644	5,312
Taiwan -----:	134,663	107,425	10,833	13,277
India -----:	43,769	45,816	2,228	7,204
Norway -----:	55,371	33,921	5,433	1,734
Singapore -----:	50,365	32,735	2,230	4,060
New Zealand -----:	35,995	41,302	4,646	8,013
Indonesia -----:	81,687	24,760	3,755	632
All others-----:	194,569	92,265	11,823	5,266
Total-----:	2,976,782	2,530,632	250,029	214,504
Grand total-----:	10,512,905	9,749,738	955,243	782,003

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, 1988, 1989, and by specified periods, 1989 and 1990

Item	1988	1989	1989	1990
	January			
Quantity (Short tons)				
VRA countries:				
Australia -----	202,683	205,832	29,098	1,129
Austria -----	138,029	86,486	2,930	6,884
Brazil -----	755,083	724,260	118,956	28,636
Czechoslovakia -----	37,301	25,693	0	145
East Germany -----	92,239	55,867	1,296	9,585
EC-----	5,084,148	4,732,185	529,383	337,834
Finland -----	209,750	182,165	32,615	28,358
Hungary -----	30,094	28,420	3,569	0
Japan -----	4,264,692	3,608,916	357,906	256,843
Mexico -----	424,451	390,458	19,836	42,980
Peoples Rep of China -----	68,840	62,023	3,241	6,102
Poland -----	89,295	72,493	2,994	1,247
Romania -----	102,548	49,451	52	1,656
Republic of South Africa ----	1,693	750	103	0
Korea, Republic of -----	1,515,157	1,125,936	127,256	112,630
Trinidad and Tobago -----	28,460	48,028	280	12,584
Venezuela -----	119,720	125,160	6,496	10,258
Yugoslavia -----	12,751	8,222	667	1,199
Total-----	<u>13,176,934</u>	<u>11,532,345</u>	<u>1,236,678</u>	<u>858,070</u>
Other countries:				
Canada -----	3,327,082	3,098,597	324,349	271,719
Argentina -----	535,190	227,011	10,300	15,973
Turkey -----	307,985	211,805	17,455	18,417
Sweden -----	269,005	183,284	16,143	22,657
Taiwan -----	252,112	164,136	19,381	18,364
India -----	100,261	106,110	4,413	17,041
Norway -----	116,917	84,304	13,261	2,664
Singapore -----	153,164	78,918	4,950	10,214
New Zealand -----	42,766	78,564	9,612	18,199
Indonesia -----	276,988	69,344	9,418	1,534
All others-----	<u>465,682</u>	<u>186,746</u>	<u>26,378</u>	<u>8,806</u>
Total-----	<u>5,847,152</u>	<u>4,488,819</u>	<u>455,660</u>	<u>405,588</u>
Grand total-----	<u>19,024,086</u>	<u>16,021,164</u>	<u>1,692,338</u>	<u>1,263,658</u>

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, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	1989	1990
	:	:	:	:
January				
Import/consumption ratio (percent)				
VRA countries:				
Australia -----	.2	.2	.3	2/
Austria -----	.1	.1	2/	.1
Brazil -----	.8	.8	1.4	.4
Czechoslovakia -----	2/	2/	2/	2/
East Germany -----	.1	.1	2/	.1
EC-----	5.2	5.1	6.3	4.5
Finland -----	.2	.2	.4	.4
Hungary -----	2/	2/	2/	2/
Japan -----	4.4	3.9	4.3	3.4
Mexico -----	.4	.4	.2	.6
Peoples Rep of China -----	.1	.1	2/	.1
Poland -----	.1	.1	2/	2/
Romania -----	.1	.1	2/	2/
Republic of South Africa -----	2/	2/	2/	2/
Korea, Republic of -----	1.6	1.2	1.5	1.5
Trinidad and Tobago -----	2/	.1	2/	.2
Venezuela -----	.1	.1	.1	.1
Yugoslavia -----	2/	2/	2/	2/
Total-----	13.5	12.4	14.7	11.3
Other countries:				
Canada -----	3.4	3.3	3.9	3.6
Argentina -----	.5	.2	.1	.2
Turkey -----	.3	.2	.2	.2
Sweden -----	.3	.2	.2	.3
Taiwan -----	.3	.2	.2	.2
India -----	.3	.2	.2	.2
Norway -----	.1	.1	.1	.2
Singapore -----	.2	.1	.1	.1
New Zealand -----	2/	.1	.1	.2
Indonesia -----	.3	.1	.1	2/
All others-----	.5	.2	.3	.1
Total-----	6.0	4.8	5.4	5.3
Grand total-----	19.5	17.2	20.1	16.7

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, 1988, 1989, and by specified periods, 1989 and 1990

Source	1988		1989		January 1989		January 1990	
	Unadjusted Initial Period Ceiling ^{2/}	Ceiling ^{2/}	1988	1989	1989	1990	1989	1990
VRA countries:								
Australia	6/	6/	79,402	68,747	68,747	68,747	0	28,081
Austria	6/	6/	721,813	666,882	666,882	666,882	44,626	123,723
Brazil	6/	6/	0	0	0	0	0	0
Czechoslovakia	6/	6/	1,192,072	944,846	944,846	944,846	102,291	66,794
East Germany	6/	6/	3,239	3,551	3,551	3,551	0	0
EC Countries	808,674	6/	79,206	87,185	87,185	87,185	306	285
Finland	6/	6/	63,916	77,158	77,158	77,158	986	23,001
Hungary	6/	6/	0	0	0	0	0	12
Japan	6/	6/	353	293	293	293	0	0
Mexico	255,371	6/	0	0	0	0	0	0
Peoples Rep of China	6/	6/	0	0	0	0	0	0
Poland	6/	6/	0	0	0	0	0	0
Romania	5/ 100,000	6/	57,445	66,035	66,035	66,035	7	0
Republic of South Africa	6/	6/	3,058	0	0	0	0	0
Korea, Republic of	6/	6/	49,663	48,482	48,482	48,482	0	0
Trinidad and Tobago	6/	6/	0	0	0	0	0	0
Venezuela	6/	6/	0	0	0	0	0	0
Yugoslavia	6/	6/	0	0	0	0	0	0
Total	6/	6/	2,250,240	1,994,189	1,994,189	1,994,189	148,209	241,896
Other countries:								
Canada	6/	6/	103,838	119,773	119,773	119,773	9,894	6,429
Sweden	6/	6/	306,050	71,223	71,223	71,223	10,754	6,699
Norway	6/	6/	64,585	5,877	5,877	5,877	5,877	0
Soviet Union	6/	6/	47,078	5,860	5,860	5,860	62	0
Argentina	6/	6/	22,820	855	855	855	0	0
Switzerland	6/	6/	0	31	31	31	0	0
Taiwan	6/	6/	0	0	0	0	0	1
Israel	6/	6/	4,154	0	0	0	0	0
Indonesia	6/	6/	46,214	0	0	0	0	0
New Zealand	6/	6/	0	0	0	0	0	0
Total	6/	6/	594,739	203,619	203,619	203,619	26,587	7,129
Grand total	6/	6/	2,844,979	2,197,808	2,197,808	2,197,808	174,796	249,025

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

^{2/} Restraint level applicable to 15-month period ending December 31, 1990.

^{3/} No explicit semifinished steel provisions.

^{4/} Ceiling level unknown because country's voluntary restraint arrangement not yet made public.

^{5/} Steel imports from South Africa in 1988 are reduced by the Comprehensive Anti-Apartheid Act of 1986, which forbids 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, 1988, 1989, and by specified periods, 1989 and 1990

Item	1988	1989	January		1990
			1989	1990	
	Quantity (short tons)				
VRA countries:					
Australia -----:	79,402	68,747	0	28,081	
Austria -----:	0	0	0	0	
Brazil -----:	720,130	666,882	44,626	123,723	
Czechoslovakia -----:	0	0	0	0	
East Germany -----:	0	0	0	0	
EC countries-----:	1,181,448	930,852	98,300	66,750	
Finland -----:	3,239	34,551	0	0	
Hungary -----:	0	0	0	0	
Japan -----:	77,271	86,487	42	285	
Mexico -----:	63,916	76,982	986	22,963	
Peoples Rep of China -----:	0	5	0	12	
Poland -----:	279	0	0	0	
Romania -----:	0	0	0	0	
Republic of South Africa -----:	0	7	0	0	
Korea, Republic of -----:	57,445	66,033	0	0	
Trinidad and Tobago -----:	3,058	0	0	0	
Venezuela -----:	49,663	48,482	0	0	
Yugoslavia -----:	0	0	0	0	
Total-----:	2,235,851	1,979,028	143,954	241,814	
Other countries:					
Canada -----:	70,310	83,218	6,322	3,736	
Sweden -----:	291,559	60,821	9,858	0	
Norway -----:	64,585	5,877	5,877	0	
Soviet Union -----:	47,078	5,860	0	0	
Argentina -----:	22,820	855	62	0	
Switzerland -----:	2/	31	0	0	
Indonesia -----:	4,154	0	0	0	
New Zealand -----:	46,214	0	0	0	
Total-----:	546,720	156,662	22,119	3,736	
Grand total-----:	2,782,571	2,135,690	166,073	245,550	

See footnote(s) at end of table.

Table 10.--Carbon and certain alloy 1/ semifinished steel: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January	
			1989	1990
	Value (thousand dollars)			
VRA countries:				
Australia -----:	15,165 :	14,426 :	0 :	5,668
Austria -----:	0 :	0 :	0 :	0
Brazil -----:	161,215 :	166,678 :	12,292 :	25,996
Czechoslovakia -----:	0 :	0 :	0 :	0
East Germany -----:	0 :	0 :	0 :	0
EC countries-----:	290,884 :	244,360 :	25,154 :	15,733
Finland -----:	770 :	10,811 :	0 :	0
Hungary -----:	0 :	0 :	0 :	0
Japan -----:	19,499 :	24,972 :	94 :	593
Mexico -----:	17,342 :	19,722 :	427 :	4,448
Peoples Rep of China -----:	0 :	7 :	0 :	12
Poland -----:	69 :	0 :	0 :	0
Romania -----:	0 :	0 :	0 :	0
Republic of South Africa -----:	0 :	18 :	0 :	0
Korea, Republic of -----:	14,573 :	16,133 :	0 :	0
Trinidad and Tobago -----:	617 :	0 :	0 :	0
Venezuela -----:	11,049 :	10,072 :	0 :	0
Yugoslavia -----:	0 :	0 :	0 :	0
Total-----:	531,183 :	507,199 :	37,967 :	52,450
Other countries:				
Canada -----:	21,337 :	27,484 :	3,078 :	1,557
Sweden -----:	73,544 :	15,249 :	2,589 :	0
Norway -----:	14,757 :	1,288 :	1,288 :	0
Soviet Union -----:	6,946 :	843 :	0 :	0
Argentina -----:	6,147 :	336 :	21 :	0
Switzerland -----:	3 :	155 :	0 :	0
Indonesia -----:	1,196 :	0 :	0 :	0
New Zealand -----:	13,489 :	0 :	0 :	0
Total-----:	137,419 :	45,355 :	6,976 :	1,557
Grand total-----:	668,602 :	552,554 :	44,943 :	54,007

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

2/ Less than 0.5 short ton.

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

Table 11.--Carbon and certain alloy 1/ steel plate: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990

Item	1988	1989	January	
			1989	1990
	Quantity (short tons)			
VRA countries:				
Australia -----	5,935	4,634	123	264
Austria -----	21,426	5,851	0	146
Brazil -----	171,537	134,769	50,206	1,182
Czechoslovakia -----	16,455	17,274	0	0
East Germany -----	17,270	10,342	0	1,591
EC countries-----	515,974	521,489	62,531	40,767
Finland -----	96,135	108,885	16,181	10,255
Hungary -----	16,146	15,300	2,154	0
Japan -----	44,538	45,639	3,544	2,628
Mexico -----	20,867	26,919	140	5,188
Peoples Rep of China -----	26	0	0	0
Poland -----	30,860	28,960	1,502	117
Romania -----	68,325	35,438	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	68,405	46,109	6,133	3,386
Trinidad and Tobago -----	389	2,204	0	0
Venezuela -----	6,653	10,033	0	0
Yugoslavia -----	1,423	0	0	0
Total-----	1,102,364	1,013,846	142,514	65,524
Other countries:				
Canada -----	419,556	266,881	30,110	19,505
Sweden -----	110,743	78,601	7,440	13,137
India -----	34,780	53,828	0	11,017
New Zealand -----	3,849	5,544	445	654
Indonesia -----	84,969	267	0	0
Argentina -----	44,564	233	0	0
Turkey -----	5,946	193	0	0
Peru -----	0	2/	0	0
Switzerland -----	86	0	0	0
Israel -----	1,729	0	0	0
All others-----	48,503	0	0	0
Total-----	754,725	405,547	37,995	44,313
Grand total-----	1,857,089	1,419,393	180,509	109,837

See footnote(s) at end of table.

Table 11.--Carbon and certain alloy 1/ steel plate: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January		
			1989	1990	
	Value (thousand dollars)				
VRA countries:					
Australia -----:	3,190 :	2,371 :	66 :	90	
Austria -----:	8,467 :	2,465 :	0 :	145	
Brazil -----:	67,413 :	44,586 :	13,520 :	425	
Czechoslovakia -----:	5,280 :	5,498 :	0 :	0	
East Germany -----:	5,566 :	3,312 :	0 :	468	
EC countries-----:	219,700 :	215,157 :	26,079 :	16,480	
Finland -----:	38,528 :	39,347 :	5,856 :	3,444	
Hungary -----:	4,494 :	4,847 :	687 :	0	
Japan -----:	27,120 :	27,889 :	2,187 :	1,598	
Mexico -----:	8,122 :	10,816 :	527 :	1,684	
Peoples Rep of China -----:	28 :	0 :	0 :	0	
Poland -----:	9,971 :	9,915 :	531 :	45	
Romania -----:	22,680 :	11,827 :	0 :	0	
Republic of South Africa -----:	0 :	0 :	0 :	0	
Korea, Republic of -----:	28,496 :	17,725 :	2,274 :	1,254	
Trinidad and Tobago -----:	122 :	630 :	0 :	0	
Venezuela -----:	2,062 :	3,172 :	0 :	0	
Yugoslavia -----:	461 :	0 :	0 :	0	
Total-----:	451,700 :	399,557 :	51,727 :	25,633	
Other countries:					
Canada -----:	175,573 :	109,513 :	13,221 :	7,856	
Sweden -----:	52,247 :	39,192 :	3,895 :	5,757	
India -----:	14,024 :	17,706 :	0 :	3,793	
New Zealand -----:	1,350 :	1,671 :	148 :	174	
Indonesia -----:	25,597 :	125 :	0 :	0	
Argentina -----:	14,038 :	81 :	0 :	0	
Turkey -----:	2,186 :	88 :	0 :	0	
Peru -----:	0 :	6 :	0 :	0	
Switzerland -----:	38 :	0 :	0 :	0	
Israel -----:	754 :	0 :	0 :	0	
All others-----:	14,161 :	0 :	0 :	0	
Total-----:	299,968 :	168,382 :	17,264 :	17,580	
Grand total-----:	751,668 :	567,939 :	68,991 :	43,213	

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

2/ Less than 0.5 short ton.

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

Table 12.--Carbon and certain alloy 1/ steel sheet and strip: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990

Item	January			
	1988	1989	1989	1990
	Quantity (short tons)			
VRA countries:				
Australia -----	169,338	173,844	23,741	375
Austria -----	80,141	44,936	986	5,398
Brazil -----	279,788	374,903	49,889	1,430
Czechoslovakia -----	0	10	0	0
East Germany -----	50,830	26,330	1,296	6,887
EC countries-----	2,249,090	1,968,270	179,580	116,587
Finland -----	85,164	56,876	10,701	15,956
Hungary -----	13,211	11,903	1,415	0
Japan -----	2,209,538	2,050,376	197,614	164,237
Mexico -----	139,529	117,694	1,985	15,700
Peoples Rep of China -----	0	456	18	0
Poland -----	11,005	0	0	0
Romania -----	6,731	52	52	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	487,380	375,727	40,003	51,632
Trinidad and Tobago -----	63	0	0	0
Venezuela -----	57,246	59,756	1,297	2,915
Yugoslavia -----	0	32	0	35
Total-----	5,839,054	5,261,165	508,577	381,152
Other countries:				
Canada -----	856,040	858,289	87,732	72,971
New Zealand -----	29,118	61,556	7,945	17,308
Taiwan -----	78,901	48,988	5,108	7,853
Argentina -----	243,388	27,348	160	507
Sweden -----	51,007	21,448	2,548	3,193
Norway -----	14,466	20,341	895	2,375
United Arab Emirates -----	0	2,078	0	0
Jamamica -----	0	538	0	185
Indonesia -----	20,138	368	160	0
Costa Rica -----	0	287	0	0
All others-----	53,269	438	0	2
Total-----	1,346,327	1,041,679	104,548	104,394
Grand total-----	7,185,381	6,302,844	613,125	485,546

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, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January	1989	1990
	Value (thousand dollars)				
VRA countries:					
Australia -----:	90,392	96,817	11,483	255	
Austria -----:	31,089	18,681	485	2,193	
Brazil -----:	111,040	149,482	20,434	814	
Czechoslovakia -----:	0	3	0	0	
East Germany -----:	18,100	9,790	433	2,575	
EC countries-----:	1,045,288	951,315	85,106	59,331	
Finland -----:	32,525	22,393	4,564	2,958	
Hungary -----:	3,751	3,739	448	0	
Japan -----:	1,211,321	1,198,546	109,500	100,690	
Mexico -----:	77,632	69,852	1,295	10,210	
Peoples Rep of China -----:	0	211	7	0	
Poland -----:	5,049	0	0	0	
Romania -----:	2,176	36	36	0	
Republic of South Africa -----:	0	0	0	0	
Korea, Republic of -----:	209,663	163,713	15,715	23,928	
Trinidad and Tobago -----:	19	0	0	0	
Venezuela -----:	22,121	26,436	476	1,480	
Yugoslavia -----:	0	17	0	26	
Total-----:	2,860,166	2,711,031	249,982	204,460	
Other countries:					
Canada -----:	381,804	403,293	40,975	34,352	
New Zealand -----:	11,315	27,435	3,538	7,547	
Taiwan -----:	31,494	22,887	2,209	4,469	
Argentina -----:	92,033	14,390	51	285	
Sweden -----:	39,376	28,193	3,775	2,159	
Norway -----:	7,909	12,185	464	1,441	
United Arab Emirates -----:	0	926	0	0	
Jamaica -----:	0	378	0	136	
Indonesia -----:	7,569	215	76	0	
Costa Rica -----:	0	228	0	0	
All others-----:	21,590	528	0	26	
Total-----:	593,090	510,658	51,088	50,415	
Grand total-----:	3,453,256	3,221,689	301,070	254,875	

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

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

Table 13.--Carbon and certain alloy 1/ steel bars and light shapes: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990

Item	1988	1989	January	
			1989	1990
	Quantity (short tons)			
VRA countries:				
Australia -----	826	1,433	0	0
Austria -----	693	541	33	40
Brazil -----	96,561	50,035	4,349	5,194
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries-----	260,337	323,125	31,806	24,511
Finland -----	4,081	4,080	574	596
Hungary -----	146	0	0	0
Japan -----	107,959	131,880	15,924	7,772
Mexico -----	22,813	16,066	252	1,271
Peoples Rep of China -----	3,441	3,916	38	355
Poland -----	1,282	2,648	231	76
Romania -----	29	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	74,249	62,652	11,124	3,204
Trinidad and Tobago -----	15,404	16,501	269	5,935
Venezuela -----	19,962	10,391	0	174
Yugoslavia -----	0	0	0	0
Total-----	607,783	623,268	64,600	49,128
Other countries:				
Canada -----	429,634	398,631	43,421	32,681
Turkey -----	102,560	109,153	16,646	6,446
Argentina -----	50,982	48,289	4,533	3,940
Norway -----	36,346	30,234	6,312	0
Singapore -----	19,311	20,159	0	1,754
Taiwan -----	32,265	11,752	4,110	33
India -----	11,249	10,492	199	1,228
Sweden -----	9,099	3,385	550	545
Indonesia -----	54,015	3,133	95	0
Dominican Republic -----	0	3,112	0	0
All others-----	7,867	2,699	261	109
Total-----	753,328	641,039	76,127	46,736
Grand total-----	1,361,111	1,264,307	140,727	95,864

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, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	January			
	1988	1989	1989	1990
	Value (thousand dollars)			
VRA countries:				
Australia -----:	332 :	669 :	0 :	0
Austria -----:	667 :	1,024 :	71 :	88
Brazil -----:	29,058 :	22,335 :	1,811 :	1,869
Czechoslovakia -----:	0 :	0 :	0 :	0
East Germany -----:	0 :	0 :	0 :	0
EC countries-----:	133,388 :	169,448 :	14,785 :	12,642
Finland -----:	2,705 :	3,241 :	398 :	525
Hungary -----:	63 :	0 :	0 :	0
Japan -----:	49,339 :	73,081 :	8,029 :	5,077
Mexico -----:	8,588 :	5,814 :	73 :	588
Peoples Rep of China -----:	1,314 :	1,526 :	13 :	184
Poland -----:	845 :	1,517 :	117 :	35
Romania -----:	103 :	0 :	0 :	0
Republic of South Africa -----:	0 :	0 :	0 :	0
Korea, Republic of -----:	20,439 :	19,087 :	3,084 :	1,010
Trinidad and Tobago -----:	3,968 :	5,232 :	430 :	1,683
Venezuela -----:	5,392 :	3,868 :	0 :	64
Yugoslavia -----:	0 :	0 :	0 :	0
Total-----:	256,201 :	306,842 :	28,811 :	23,765
Other countries:				
Canada -----:	186,448 :	173,249 :	18,531 :	14,736
Turkey -----:	28,951 :	32,827 :	5,250 :	1,795
Argentina -----:	16,442 :	18,563 :	1,867 :	1,517
Norway -----:	8,963 :	8,213 :	1,678 :	0
Singapore -----:	5,104 :	7,950 :	0 :	493
Taiwan -----:	10,022 :	4,724 :	1,674 :	15
India -----:	3,952 :	4,650 :	86 :	601
Sweden -----:	5,737 :	3,160 :	400 :	796
Indonesia -----:	14,691 :	862 :	43 :	0
Dominican Republic -----:	0 :	821 :	0 :	0
All others-----:	2,726 :	1,257 :	117 :	101
Total-----:	283,036 :	256,276 :	29,646 :	20,054
Grand total-----:	539,237 :	563,118 :	58,457 :	43,819

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

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

Table 14.--Carbon and certain alloy 1/ steel wire rod: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990

Item	January			
	1988	1989	1989	1990
	Quantity (short tons)			
VRA countries:				
Australia -----:	9,551 :	10,783 :	1,973 :	0
Austria -----:	601 :	1,108 :	107 :	0
Brazil -----:	58,383 :	57,858 :	3,295 :	3,931
Czechoslovakia -----:	13,661 :	2,197 :	0 :	0
East Germany -----:	16,306 :	12,583 :	0 :	330
EC countries-----:	290,286 :	212,925 :	29,098 :	18,847
Finland -----:	2,237 :	108 :	0 :	0
Hungary -----:	0 :	67 :	0 :	0
Japan -----:	276,003 :	201,891 :	25,158 :	14,564
Mexico -----:	58,389 :	32,373 :	2,315 :	4,939
Peoples Rep of China -----:	27 :	25 :	0 :	0
Poland -----:	7,606 :	0 :	0 :	0
Romania -----:	0 :	0 :	0 :	0
Republic of South Africa -----:	0 :	0 :	0 :	0
Korea, Republic of -----:	875 :	176 :	0 :	0
Trinidad and Tobago -----:	11,312 :	29,203 :	0 :	6,533
Venezuela -----:	8,916 :	2,065 :	0 :	1,648
Yugoslavia -----:	0 :	0 :	0 :	0
Total-----:	754,153 :	563,362 :	61,946 :	50,792
Other countries:				
Canada -----:	360,096 :	400,938 :	40,782 :	38,712
Turkey -----:	126,791 :	75,596 :	0 :	10,664
Indonesia -----:	84,414 :	29,923 :	4,403 :	0
Singapore -----:	81,904 :	29,776 :	1,671 :	5,197
Sweden -----:	18,464 :	15,095 :	1,002 :	489
Taiwan -----:	16,843 :	10,071 :	1,233 :	224
Egypt -----:	11,114 :	3,157 :	23 :	0
Argentina -----:	0 :	276 :	0 :	738
United Arab Emirates -----:	0 :	179 :	0 :	0
India -----:	0 :	22 :	0 :	0
All others-----:	20,843 :	19 :	0 :	0
Total-----:	720,469 :	565,052 :	49,114 :	56,024
Grand total-----:	1,474,622 :	1,128,414 :	111,060 :	106,816

See footnote(s) at end of table.

Table 14.--Carbon and certain alloy 1/ steel wire rod: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January		
			1989	1990	
	Value (thousand dollars)				
VRA countries:					
Australia -----:	2,103 :	2,439 :	424 :	0	
Austria -----:	248 :	297 :	35 :	0	
Brazil -----:	16,380 :	16,652 :	875 :	1,161	
Czechoslovakia -----:	3,234 :	549 :	0 :	0	
East Germany -----:	3,547 :	3,014 :	0 :	79	
EC countries-----:	109,528 :	82,681 :	9,794 :	6,628	
Finland -----:	741 :	35 :	0 :	0	
Hungary -----:	0 :	30 :	0 :	0	
Japan -----:	124,039 :	96,067 :	11,787 :	7,140	
Mexico -----:	15,344 :	8,234 :	581 :	1,344	
Peoples Rep of China -----:	9 :	7 :	0 :	0	
Poland -----:	1,612 :	0 :	0 :	0	
Romania -----:	0 :	0 :	0 :	0	
Republic of South Africa -----:	0 :	0 :	0 :	0	
Korea, Republic of -----:	389 :	112 :	0 :	0	
Trinidad and Tobago -----:	3,293 :	8,770 :	0 :	1,839	
Venezuela -----:	2,000 :	594 :	0 :	434	
Yugoslavia -----:	0 :	0 :	0 :	0	
Total-----:	282,467 :	219,481 :	23,496 :	18,625	
Other countries:					
Canada -----:	130,836 :	145,073 :	14,761 :	13,867	
Turkey -----:	32,337 :	20,896 :	0 :	2,799	
Indonesia -----:	20,363 :	8,363 :	1,198 :	0	
Singapore -----:	21,983 :	9,390 :	499 :	1,678	
Sweden -----:	9,831 :	12,842 :	762 :	430	
Taiwan -----:	6,764 :	4,247 :	613 :	87	
Egypt -----:	2,650 :	920 :	7 :	0	
Argentina -----:	0 :	137 :	0 :	220	
United Arab Emirates -----:	0 :	149 :	0 :	0	
India -----:	0 :	11 :	0 :	0	
All others-----:	4,578 :	6 :	0 :	0	
Total-----:	229,342 :	202,034 :	17,840 :	19,081	
Grand total-----:	511,809 :	421,515 :	41,336 :	37,706	

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

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

Table 15.--Carbon and certain alloy 1/ steel wire: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990

Item	1988	1989	January	
			1989	1990
	Quantity (short tons)			
VRA countries:				
Australia -----	4,488	4,189	362	64
Austria -----	1,731	1,782	188	79
Brazil -----	14,128	9,397	1,131	1,283
Czechoslovakia -----	0	24	0	0
East Germany -----	0	0	0	0
EC countries-----	168,480	139,816	12,753	11,730
Finland -----	476	368	52	61
Hungary -----	0	0	0	0
Japan -----	78,468	67,924	5,646	8,169
Mexico -----	2,712	1,407	288	32
Peoples Rep of China -----	9,720	12,165	451	972
Poland -----	116	201	19	19
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	7,736	7,512	1,049	219
Trinidad and Tobago -----	1,060	0	0	0
Venezuela -----	5,996	5,906	0	886
Yugoslavia -----	3	0	0	0
Total-----	295,114	250,691	21,939	23,514
Other countries:				
Canada -----	193,243	183,779	19,542	15,047
Argentina -----	2,491	11,276	57	1,111
Sweden -----	7,532	7,601	467	743
India -----	4,108	5,266	423	398
Chile -----	2,146	3,630	149	122
Taiwan -----	4,897	3,548	246	436
Ecuador -----	1,430	2,134	239	20
Switzerland -----	2,591	1,653	103	138
Norway -----	1,312	1,328	67	147
Hong Kong -----	9	763	0	0
All others-----	4,856	1,315	67	93
Total-----	224,615	222,293	21,360	18,255
Grand total-----	519,729	472,984	43,299	41,769

See footnote(s) at end of table.

Table 15.--Carbon and certain alloy ^{1/} steel wire: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January	
			1989	1990
	Value (thousand dollars)			
VRA countries:				
Australia -----:	2,018 :	1,844 :	154 :	27
Austria -----:	2,584 :	2,976 :	205 :	158
Brazil -----:	6,207 :	5,122 :	621 :	681
Czechoslovakia -----:	0 :	16 :	0 :	0
East Germany -----:	0 :	0 :	0 :	0
EC countries-----:	141,210 :	126,019 :	11,899 :	10,842
Finland -----:	231 :	198 :	14 :	38
Hungary -----:	0 :	0 :	0 :	0
Japan -----:	61,637 :	57,930 :	4,457 :	7,126
Mexico -----:	1,320 :	914 :	157 :	23
Peoples Rep of China -----:	4,165 :	5,530 :	219 :	448
Poland -----:	59 :	129 :	9 :	8
Romania -----:	0 :	0 :	0 :	0
Republic of South Africa -----:	0 :	0 :	0 :	0
Korea, Republic of -----:	4,667 :	4,890 :	673 :	142
Trinidad and Tobago -----:	354 :	0 :	0 :	0
Venezuela -----:	3,096 :	3,410 :	0 :	519
Yugoslavia -----:	9 :	0 :	0 :	0
Total-----:	227,557 :	208,978 :	18,408 :	20,012
Other countries:				
Canada -----:	109,405 :	112,002 :	11,214 :	9,583
Argentina -----:	1,245 :	5,051 :	26 :	512
Sweden -----:	10,678 :	9,482 :	608 :	871
India -----:	1,518 :	1,974 :	156 :	142
Chile -----:	946 :	2,041 :	71 :	68
Taiwan -----:	2,903 :	3,186 :	280 :	272
Ecuador -----:	652 :	1,059 :	108 :	11
Switzerland -----:	1,525 :	1,062 :	89 :	82
Norway -----:	1,177 :	1,095 :	61 :	99
Hong Kong -----:	2 :	346 :	0 :	0
All others-----:	1,291 :	726 :	36 :	42
Total-----:	131,342 :	138,024 :	12,649 :	11,682
Grand total-----:	358,899 :	347,002 :	31,057 :	31,694

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

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

Table 16.--Carbon and certain alloy 1/ steel wire products: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990

Item	January			
	1988	1989	1989	1990
	Quantity (short tons)			
VRA countries:				
Australia -----:	5 :	20 :	0 :	2/
Austria -----:	956 :	4,043 :	249 :	469
Brazil -----:	15,018 :	10,401 :	1,064 :	1,053
Czechoslovakia -----:	0 :	0 :	0 :	0
East Germany -----:	0 :	0 :	0 :	0
EC countries-----:	38,365 :	86,677 :	5,193 :	7,012
Finland -----:	1 :	51 :	0 :	2/
Hungary -----:	0 :	42 :	0 :	0
Japan -----:	23,536 :	52,650 :	2,557 :	5,635
Mexico -----:	13,693 :	24,461 :	2,061 :	2,647
Peoples Rep of China -----:	36,866 :	42,981 :	2,695 :	4,754
Poland -----:	16,070 :	15,255 :	1,071 :	699
Romania -----:	143 :	0 :	0 :	0
Republic of South Africa -----:	1,550 :	730 :	103 :	0
Korea, Republic of -----:	192,127 :	178,804 :	15,974 :	17,507
Trinidad and Tobago -----:	94 :	0 :	0 :	61
Venezuela -----:	1,352 :	16,639 :	1,115 :	1,301
Yugoslavia -----:	7,314 :	5,961 :	667 :	322
Total-----:	347,090 :	438,715 :	32,749 :	41,460
Other countries:				
Canada -----:	98,251 :	114,763 :	10,446 :	9,619
Indonesia -----:	18,621 :	27,489 :	1,404 :	1,512
Thailand -----:	8,627 :	20,808 :	4,845 :	374
Taiwan -----:	13,715 :	17,331 :	1,336 :	1,663
Argentina -----:	18,002 :	16,702 :	1,528 :	832
United Arab Emirates -----:	20,059 :	14,854 :	1,764 :	909
Turkey -----:	23,631 :	10,713 :	809 :	1,263
Saudi Arabia -----:	3,718 :	8,784 :	793 :	785
Chile -----:	8,459 :	8,642 :	569 :	790
India -----:	4,571 :	8,233 :	516 :	751
All others-----:	7,707 :	16,568 :	882 :	2,186
Total-----:	225,361 :	264,887 :	24,892 :	20,684
Grand total-----:	572,451 :	703,602 :	57,641 :	62,144

See footnote(s) at end of table.

Table 16.--Carbon and certain alloy ^{1/} steel wire products: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	1989	January	1990
				1989	1990
	Value (thousand dollars)				
VRA countries:					
Australia -----:	20	37	0		8
Austria -----:	1,556	8,634	555		1,532
Brazil -----:	7,169	6,038	613		535
Czechoslovakia -----:	0	0	0		0
East Germany -----:	0	0	0		0
EC countries-----:	33,725	135,555	6,934		13,942
Finland -----:	96	67	0		6
Hungary -----:	0	23	0		0
Japan -----:	28,992	97,473	4,158		10,571
Mexico -----:	8,903	17,781	1,375		2,167
Peoples Rep of China -----:	14,640	25,832	1,382		2,552
Poland -----:	5,403	5,354	337		270
Romania -----:	44	0	0		0
Republic of South Africa -----:	792	558	84		0
Korea, Republic of -----:	138,561	158,567	12,937		14,760
Trinidad and Tobago -----:	27	0	0		24
Venezuela -----:	387	5,224	348		436
Yugoslavia -----:	3,027	2,456	224		113
Total-----:	243,342	463,599	28,947		46,916
Other countries:					
Canada -----:	70,198	93,747	8,069		7,995
Indonesia -----:	6,881	11,595	512		623
Thailand -----:	5,332	9,521	1,579		342
Taiwan -----:	12,448	19,677	1,427		1,657
Argentina -----:	7,943	8,930	763		477
United Arab Emirates -----:	7,562	5,992	700		441
Turkey -----:	8,700	5,485	394		688
Saudi Arabia -----:	1,239	3,255	300		324
Chile -----:	3,991	4,476	362		358
India -----:	2,659	5,467	351		591
All others-----:	6,778	21,186	1,548		2,520
Total-----:	133,731	189,331	16,005		16,016
Grand total-----:	377,073	652,930	44,952		62,932

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

^{2/} Less than 0.5 short ton.

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

Table 17.--Carbon and certain alloy 1/ steel structural shapes and units: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990

Item	January			
	1988	1989	1989	1990
	Quantity (short tons)			
VRA countries:				
Australia -----:	139 :	312 :	98 :	0
Austria -----:	1,541 :	684 :	215 :	41
Brazil -----:	20,210 :	11,638 :	1,926 :	1,961
Czechoslovakia -----:	0 :	0 :	0 :	0
East Germany -----:	0 :	92 :	0 :	0
EC countries-----:	903,438 :	790,065 :	120,514 :	49,450
Finland -----:	118 :	2,669 :	2/ :	0
Hungary -----:	0 :	0 :	0 :	0
Japan -----:	590,217 :	373,632 :	51,643 :	12,330
Mexico -----:	24,912 :	17,588 :	1,113 :	3,101
Peoples Rep of China -----:	208 :	874 :	18 :	0
Poland -----:	14,059 :	20,441 :	0 :	252
Romania -----:	19 :	168 :	0 :	0
Republic of South Africa -----:	143 :	0 :	0 :	0
Korea, Republic of -----:	169,302 :	81,616 :	8,666 :	163
Trinidad and Tobago -----:	0 :	120 :	11 :	55
Venezuela -----:	2/ :	112 :	2 :	69
Yugoslavia -----:	263 :	0 :	0 :	0
Total-----:	1,724,569 :	1,300,011 :	184,206 :	67,422
Other countries:				
Canada -----:	338,187 :	249,815 :	26,893 :	28,880
Norway -----:	64,361 :	31,897 :	5,987 :	0
Argentina -----:	27,523 :	30,494 :	779 :	121
New Zealand -----:	8,242 :	8,945 :	525 :	185
Taiwan -----:	9,020 :	6,899 :	911 :	584
Mauritius -----:	0 :	4,723 :	0 :	0
Indonesia -----:	4,074 :	3,269 :	0 :	0
India -----:	459 :	1,743 :	20 :	106
Singapore -----:	3,129 :	1,102 :	65 :	196
Sweden -----:	3,925 :	991 :	121 :	13
All others-----:	4,979 :	474 :	75 :	4
Total-----:	463,899 :	340,352 :	35,376 :	30,089
Grand total-----:	2,188,468 :	1,640,363 :	219,582 :	97,511

See footnote(s) at end of table.

Table 17.--Carbon and certain alloy 1/ steel structural shapes and units: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January 1989	1990
	Value (thousand dollars)			
VRA countries:				
Australia -----:	135 :	902 :	261 :	0
Austria -----:	1,865 :	1,780 :	569 :	244
Brazil -----:	8,055 :	5,564 :	967 :	596
Czechoslovakia -----:	0 :	0 :	0 :	0
East Germany -----:	0 :	28 :	0 :	0
EC countries-----:	356,905 :	308,492 :	47,439 :	19,437
Finland -----:	248 :	4,129 :	1 :	0
Hungary -----:	0 :	0 :	0 :	0
Japan -----:	228,010 :	159,837 :	22,199 :	6,511
Mexico -----:	11,585 :	8,817 :	568 :	1,822
Peoples Rep of China -----:	154 :	669 :	9 :	0
Poland -----:	3,587 :	6,446 :	0 :	79
Romania -----:	11 :	73 :	0 :	0
Republic of South Africa -----:	694 :	0 :	0 :	0
Korea, Republic of -----:	84,018 :	43,704 :	3,454 :	256
Trinidad and Tobago -----:	0 :	63 :	32 :	15
Venezuela -----:	1 :	83 :	2 :	19
Yugoslavia -----:	393 :	0 :	0 :	0
Total-----:	695,661 :	540,587 :	75,501 :	28,979
Other countries:				
Canada -----:	201,529 :	154,010 :	16,378 :	14,971
Norway -----:	21,943 :	10,401 :	1,943 :	0
Argentina -----:	7,274 :	10,137 :	251 :	44
New Zealand -----:	8,814 :	10,505 :	587 :	214
Taiwan -----:	5,476 :	6,383 :	773 :	475
Mauritius -----:	0 :	1,521 :	0 :	0
Indonesia -----:	1,173 :	971 :	0 :	0
India -----:	371 :	1,195 :	9 :	88
Singapore -----:	2,903 :	1,013 :	57 :	279
Sweden -----:	5,413 :	2,805 :	229 :	56
All others-----:	4,246 :	1,402 :	110 :	16
Total-----:	259,142 :	200,343 :	20,337 :	16,143
Grand total-----:	954,803 :	740,930 :	95,838 :	45,122

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

2/ Less than 0.5 short ton.

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

Table 18.--Carbon and certain alloy 1/ steel rails and related products: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990

Item	January			
	1988	1989	1989	1990
	Quantity (short tons)			
VRA countries:				
Australia -----:	2 :	3,567 :	404 :	426
Austria -----:	703 :	5,805 :	522 :	155
Brazil -----:	4,553 :	2,942 :	586 :	420
Czechoslovakia -----:	0 :	0 :	0 :	0
East Germany -----:	1 :	0 :	0 :	0
EC countries-----:	52,358 :	53,518 :	12,520 :	2,004
Finland -----:	3 :	0 :	0 :	2/
Hungary -----:	4 :	0 :	0 :	0
Japan -----:	79,347 :	83,624 :	6,108 :	5,479
Mexico -----:	26 :	380 :	60 :	4
Peoples Rep of China -----:	25 :	455 :	18 :	20
Poland -----:	0 :	105 :	8 :	0
Romania -----:	0 :	0 :	0 :	0
Republic of South Africa -----:	2/ :	20 :	0 :	0
Korea, Republic of -----:	6,919 :	6,670 :	598 :	685
Trinidad and Tobago -----:	0 :	0 :	0 :	0
Venezuela -----:	77 :	0 :	0 :	0
Yugoslavia -----:	0 :	0 :	0 :	0
Total-----:	144,018 :	157,086 :	20,824 :	9,193
Other countries:				
Canada -----:	172,077 :	151,966 :	16,482 :	17,527
Soviet Union -----:	0 :	9,875 :	0 :	0
Argentina -----:	6 :	2,579 :	0 :	0
Sweden -----:	3,064 :	876 :	1 :	15
Taiwan -----:	128 :	417 :	64 :	6
Colombia -----:	0 :	77 :	5 :	7
Chile -----:	0 :	48 :	2/ :	0
Turkey -----:	0 :	22 :	0 :	43
Israel -----:	0 :	20 :	0 :	0
Honduras -----:	2/ :	9 :	0 :	0
All others-----:	140 :	11 :	2/ :	2/
Total-----:	175,415 :	165,900 :	16,552 :	17,598
Grand total-----:	319,433 :	322,986 :	37,376 :	26,791

See footnote(s) at end of table.

Table 18.--Carbon and certain alloy 1/ steel rails and related products: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January		1990
	1989	1989	1989	1989	
	Value (thousand dollars)				
VRA countries:					
Australia -----:	7 :	3,841 :	466 :	427	
Austria -----:	299 :	3,284 :	581 :	198	
Brazil -----:	3,751 :	2,544 :	478 :	347	
Czechoslovakia -----:	0 :	0 :	0 :	0	
East Germany -----:	5 :	0 :	0 :	0	
EC countries-----:	25,214 :	28,589 :	5,954 :	1,177	
Finland -----:	14 :	0 :	0 :	3	
Hungary -----:	25 :	0 :	0 :	0	
Japan -----:	38,835 :	46,028 :	3,811 :	3,217	
Mexico -----:	37 :	380 :	78 :	6	
Peoples Rep of China -----:	9 :	221 :	12 :	10	
Poland -----:	0 :	49 :	4 :	0	
Romania -----:	0 :	0 :	0 :	0	
Republic of South Africa ----:	1 :	14 :	0 :	0	
Korea, Republic of -----:	2,580 :	3,408 :	345 :	368	
Trinidad and Tobago -----:	0 :	0 :	0 :	0	
Venezuela -----:	24 :	0 :	0 :	0	
Yugoslavia -----:	0 :	0 :	0 :	0	
Total-----:	70,801 :	88,358 :	11,729 :	5,753	
Other countries:					
Canada -----:	50,140 :	59,757 :	7,284 :	3,169	
Soviet Union -----:	0 :	1,290 :	0 :	0	
Argentina -----:	17 :	803 :	0 :	0	
Sweden -----:	1,001 :	600 :	6 :	25	
Taiwan -----:	294 :	797 :	97 :	8	
Colombia -----:	0 :	258 :	18 :	21	
Chile -----:	0 :	25 :	2 :	0	
Turkey -----:	0 :	13 :	0 :	29	
Israel -----:	0 :	25 :	0 :	0	
Honduras -----:	2 :	4 :	0 :	0	
All others-----:	115 :	71 :	6 :	1	
Total-----:	51,569 :	63,643 :	7,413 :	3,253	
Grand total-----:	122,370 :	152,001 :	19,142 :	9,006	

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

2/ Less than 0.5 short ton.

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

Table 19.--Carbon and certain alloy 1/ steel pipe and tube: U.S. imports for U.S. imports for consumption, by specified sources 1988, 1989, and by specified periods, 1989 and 1990

Item	1988	1989	January	
			1989	1990
	Quantity (short tons)			
VRA countries:				
Australia -----:	12,375 :	7,022 :	2,398 :	0
Austria -----:	26,408 :	17,756 :	239 :	223
Brazil -----:	87,724 :	64,098 :	5,622 :	11,585
Czechoslovakia -----:	7,164 :	6,156 :	0 :	145
East Germany -----:	7,828 :	6,520 :	0 :	776
EC countries-----:	488,108 :	504,008 :	61,191 :	55,381
Finland -----:	12,755 :	6,000 :	4,873 :	798
Hungary -----:	585 :	1,109 :	0 :	0
Japan -----:	790,770 :	507,942 :	41,332 :	27,944
Mexico -----:	131,349 :	138,081 :	11,382 :	8,931
Peoples Rep of China -----:	18,422 :	973 :	0 :	0
Poland -----:	8,048 :	4,658 :	102 :	0
Romania -----:	27,284 :	13,778 :	0 :	1,656
Republic of South Africa -----:	0 :	0 :	0 :	0
Korea, Republic of -----:	496,059 :	353,671 :	42,004 :	35,053
Trinidad and Tobago -----:	0 :	0 :	0 :	0
Venezuela -----:	19,510 :	20,192 :	4,081 :	3,226
Yugoslavia -----:	3,732 :	2,226 :	0 :	842
Total-----:	2,138,121 :	1,654,190 :	173,224 :	146,560
Other countries:				
Canada -----:	436,372 :	451,459 :	46,843 :	35,071
Argentina -----:	148,192 :	89,608 :	3,162 :	8,710
Taiwan -----:	88,055 :	60,719 :	6,154 :	6,697
Thailand -----:	148,259 :	34,384 :	14,088 :	0
Singapore -----:	47,545 :	27,492 :	3,215 :	2,987
India -----:	44,486 :	25,404 :	3,169 :	3,226
Sweden -----:	26,842 :	21,424 :	1,240 :	2,084
Turkey -----:	32,001 :	16,107 :	0 :	0
Algeria -----:	21,502 :	9,430 :	41 :	715
Israel -----:	12,714 :	9,397 :	2/ :	2,456
All others-----:	105,850 :	35,930 :	6,617 :	474
Total-----:	1,111,818 :	781,354 :	84,529 :	62,420
Grand total-----:	3,249,939 :	2,435,544 :	257,753 :	208,980

See footnote(s) at end of table.

Table 19.--Carbon and certain alloy 1/ steel pipe and tube: U.S. imports for U.S. imports for consumption, by specified sources 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	1989	1990
	January			
	Value (thousand dollars)			
VRA countries:				
Australia -----:	4,959 :	3,151 :	1,070 :	0
Austria -----:	23,494 :	13,811 :	211 :	254
Brazil -----:	41,170 :	36,362 :	3,826 :	3,946
Czechoslovakia -----:	3,472 :	2,779 :	0 :	55
East Germany -----:	4,115 :	2,763 :	0 :	317
EC countries-----:	346,165 :	330,377 :	37,293 :	34,237
Finland -----:	5,624 :	2,987 :	2,310 :	395
Hungary -----:	266 :	517 :	0 :	0
Japan -----:	597,887 :	378,193 :	36,446 :	20,153
Mexico -----:	71,872 :	74,372 :	6,039 :	4,479
Peoples Rep of China -----:	7,066 :	360 :	0 :	0
Poland -----:	3,115 :	2,105 :	70 :	0
Romania -----:	11,018 :	5,411 :	0 :	634
Republic of South Africa ----:	0 :	0 :	0 :	0
Korea, Republic of -----:	239,742 :	176,982 :	20,759 :	17,202
Trinidad and Tobago -----:	0 :	0 :	0 :	0
Venezuela -----:	7,535 :	8,737 :	1,627 :	1,360
Yugoslavia -----:	2,036 :	946 :	0 :	373
Total-----:	1,369,536	1,039,853	109,651	83,405
Other countries:				
Canada -----:	266,692 :	281,447 :	27,733 :	20,904
Argentina -----:	76,641 :	51,423 :	1,390 :	4,893
Taiwan -----:	39,591 :	28,827 :	2,899 :	3,073
Thailand -----:	58,119 :	14,718 :	6,034 :	0
Singapore -----:	19,833 :	13,215 :	1,674 :	1,348
India -----:	20,173 :	11,846 :	1,431 :	1,091
Sweden -----:	23,510 :	23,653 :	1,249 :	2,490
Turkey -----:	14,568 :	6,678 :	0 :	0
Algeria -----:	5,957 :	2,531 :	20 :	242
Israel -----:	6,218 :	4,759 :	8 :	1,147
All others-----:	48,029 :	17,951 :	3,489 :	405
Total-----:	579,331	457,048	45,927	35,593
Grand total-----:	1,948,867	1,496,901	155,578	118,998

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

2/ Less than 0.5 short ton.

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

Table 20. Total, carbon and certain 1/ alloy steel products: U.S. imports for consumption, by principal sources, 1988, 1989, and by specified periods, 1989 and 1990

Item	1988	1989	January	
			1989	1990
	Quantity (short tons)			
VRA countries:				
Australia -----	282,061	274,550	29,098	29,210
Austria -----	134,200	82,507	2,539	6,550
Brazil -----	1,468,033	1,382,924	162,693	151,761
Czechoslovakia -----	37,280	25,660	0	145
East Germany -----	92,234	55,867	1,296	9,585
EC countries-----	6,147,884	5,530,746	613,486	393,040
Finland -----	204,209	213,588	32,381	27,666
Hungary -----	30,094	28,420	3,569	0
Japan -----	4,277,647	3,602,047	349,566	249,044
Mexico -----	478,207	451,951	20,582	64,775
Peoples Rep of China -----	68,735	61,850	3,237	6,114
Poland -----	89,325	72,268	2,934	1,162
Romania -----	102,530	49,436	52	1,656
Republic of South Africa -----	1,693	756	103	0
Korea, Republic of -----	1,560,497	1,178,972	125,550	111,848
Trinidad and Tobago -----	31,380	48,028	280	12,584
Venezuela -----	169,376	173,574	6,496	10,218
Yugoslavia -----	12,734	8,219	667	1,199
Total-----	15,188,119	13,241,363	1,354,529	1,076,557
Other countries:				
Canada -----	3,373,766	3,159,739	328,573	273,749
Argentina -----	557,969	227,661	10,281	15,958
Sweden -----	522,294	212,323	23,409	20,567
Turkey -----	307,985	211,804	17,455	18,417
Taiwan -----	243,886	159,725	19,161	17,496
India -----	99,714	104,994	4,327	16,726
Norway -----	181,502	90,181	19,138	2,664
Singapore -----	153,163	78,598	4,950	10,134
New Zealand -----	88,979	78,564	9,612	18,199
Indonesia -----	281,142	69,342	9,416	1,534
All others-----	512,272	191,835	26,289	8,805
Total-----	6,322,672	4,584,766	472,611	404,249
Grand total-----	21,510,791	17,826,129	1,827,140	1,480,806

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, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January		
			1989	1990	
	Value (thousand dollars)				
VRA countries:					
Australia -----:	118,320	126,499	13,924	6,475	
Austria -----:	70,268	52,952	2,712	4,811	
Brazil -----:	451,458	455,362	55,435	36,369	
Czechoslovakia -----:	11,986	8,844	0	55	
East Germany -----:	31,334	18,908	433	3,439	
EC countries-----:	2,702,007	2,591,992	270,437	190,448	
Finland -----:	81,482	83,209	13,144	7,369	
Hungary -----:	8,600	9,155	1,135	0	
Japan -----:	2,386,680	2,160,017	202,668	162,677	
Mexico -----:	220,745	216,702	11,121	26,771	
Peoples Rep of China -----:	27,385	34,364	1,642	3,207	
Poland -----:	29,711	25,514	1,068	438	
Romania -----:	36,033	17,347	36	634	
Republic of South Africa -----:	1,487	590	84	0	
Korea, Republic of -----:	743,129	604,322	59,241	58,921	
Trinidad and Tobago -----:	8,400	14,695	462	3,562	
Venezuela -----:	53,667	61,595	2,452	4,312	
Yugoslavia -----:	5,925	3,419	224	512	
Total-----:	6,988,617	6,485,486	636,218	510,000	
Other countries:					
Canada -----:	1,593,962	1,559,576	161,246	128,990	
Argentina -----:	221,780	109,850	4,368	7,948	
Sweden -----:	221,486	141,425	14,305	13,343	
Turkey -----:	93,038	65,996	5,644	5,312	
Taiwan -----:	109,041	90,727	9,972	10,055	
India -----:	42,731	42,851	2,033	6,306	
Norway -----:	55,371	33,914	5,433	1,734	
Singapore -----:	50,360	31,647	2,230	3,798	
New Zealand -----:	35,993	41,302	4,646	8,013	
Indonesia -----:	81,687	24,707	3,702	632	
All others-----:	192,526	89,098	11,565	5,245	
Total-----:	2,697,975	2,231,093	225,144	191,376	
Grand total-----:	9,686,592	8,716,579	861,362	701,376	

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 1988, 1989, and by specified periods, 1989 and 1990

Item	January			
	1988	1989	1989	1990
	Quantity (short tons)			
VRA countries:				
Australia -----:	0 :	0 :	0 :	0
Austria -----:	73 :	0 :	0 :	0
Brazil -----:	1,683 :	0 :	0 :	0
Czechoslovakia -----:	0 :	0 :	0 :	0
East Germany -----:	0 :	0 :	0 :	0
EC countries-----:	10,624 :	13,995 :	3,990 :	43
Finland -----:	0 :	0 :	0 :	0
Hungary -----:	0 :	0 :	0 :	0
Japan -----:	1,935 :	698 :	264 :	0
Mexico -----:	0 :	176 :	0 :	38
Peoples Rep of China -----:	0 :	0 :	0 :	0
Poland -----:	74 :	293 :	0 :	0
Romania -----:	0 :	0 :	0 :	0
Republic of South Africa -----:	0 :	0 :	0 :	0
Korea, Republic of -----:	0 :	0 :	0 :	0
Trinidad and Tobago -----:	0 :	0 :	0 :	0
Venezuela -----:	0 :	0 :	0 :	0
Yugoslavia -----:	0 :	0 :	0 :	0
Total-----:	14,389 :	15,162 :	4,254 :	81
Other countries:				
Canada -----:	33,527 :	36,556 :	3,572 :	2,693
Sweden -----:	14,491 :	10,403 :	896 :	699
Taiwan -----:	0 :	1/ :	0 :	1/
Israel -----:	0 :	1/ :	0 :	0
Total-----:	48,018 :	46,959 :	4,468 :	3,392
Grand total-----:	62,407 :	62,121 :	8,722 :	3,473

See footnote(s) at end of table.

Table 21.--Stainless semifinished steel: U.S. imports for consumption, by specified sources 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January	
			1989	1990
	Value (thousand dollars)			
VRA countries:				
Australia -----:	0 :	0 :	0 :	0
Austria -----:	234 :	0 :	0 :	0
Brazil -----:	542 :	0 :	0 :	0
Czechoslovakia -----:	0 :	0 :	0 :	0
East Germany -----:	0 :	0 :	0 :	0
EC countries-----:	13,120 :	12,572 :	2,693 :	105
Finland -----:	0 :	0 :	0 :	0
Hungary -----:	0 :	0 :	0 :	0
Japan -----:	2,906 :	1,413 :	507 :	0
Mexico -----:	0 :	448 :	0 :	120
Peoples Rep of China -----:	0 :	0 :	0 :	0
Poland -----:	102 :	532 :	0 :	0
Romania -----:	0 :	0 :	0 :	0
Republic of South Africa ----:	0 :	0 :	0 :	0
Korea, Republic of -----:	0 :	0 :	0 :	0
Trinidad and Tobago -----:	0 :	0 :	0 :	0
Venezuela -----:	0 :	0 :	0 :	0
Yugoslavia -----:	0 :	0 :	0 :	0
Total-----:	16,904 :	14,965 :	3,200 :	225
Other countries:				
Canada -----:	52,871 :	68,918 :	6,098 :	4,066
Sweden -----:	23,240 :	23,075 :	1,755 :	1,349
Taiwan -----:	0 :	16 :	0 :	8
Israel -----:	0 :	5 :	0 :	0
Hong Kong -----:	0 :	2 :	0 :	0
Total-----:	76,111 :	92,016 :	7,853 :	5,423
Grand total-----:	93,015 :	106,981 :	11,053 :	5,648

1/ Less than 0.5 short ton.

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

Table 22.--Stainless steel plate: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990

Item	1988	1989	January	
			1989	1990
	Quantity (short tons)			
VRA countries:				
Australia -----:	0 :	0 :	0 :	0
Austria -----:	249 :	197 :	11 :	6
Brazil -----:	0 :	0 :	0 :	0
Czechoslovakia -----:	0 :	0 :	0 :	0
East Germany -----:	0 :	0 :	0 :	0
EC countries-----:	7,364 :	12,024 :	1,167 :	869
Finland -----:	2,730 :	1,746 :	77 :	370
Hungary -----:	0 :	0 :	0 :	0
Japan -----:	2,225 :	1,542 :	194 :	287
Mexico -----:	0 :	4 :	4 :	0
Peoples Rep of China -----:	0 :	0 :	0 :	0
Poland -----:	0 :	0 :	0 :	0
Romania -----:	0 :	0 :	0 :	0
Republic of South Africa ----:	0 :	0 :	0 :	0
Korea, Republic of -----:	125 :	10 :	5 :	0
Trinidad and Tobago -----:	0 :	0 :	0 :	0
Venezuela -----:	0 :	0 :	0 :	0
Yugoslavia -----:	0 :	0 :	0 :	0
Total-----:	12,693 :	15,523 :	1,458 :	1,532
Other countries:				
Sweden -----:	2,779 :	2,014 :	152 :	107
Canada -----:	371 :	177 :	103 :	4
Anguilla -----:	5 :	0 :	0 :	0
Total-----:	3,155 :	2,191 :	255 :	111
Grand total-----:	15,848 :	17,714 :	1,713 :	1,643

Table 22.--Stainless steel plate: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January	
			1989	1990
	Value (thousand dollars)			
VRA countries:				
Australia -----:	0 :	0 :	0 :	0
Austria -----:	953 :	915 :	34 :	32
Brazil -----:	0 :	0 :	0 :	0
Czechoslovakia -----:	0 :	0 :	0 :	0
East Germany -----:	0 :	0 :	0 :	0
EC countries-----:	15,635 :	35,694 :	2,990 :	1,991
Finland -----:	6,147 :	4,883 :	226 :	912
Hungary -----:	0 :	0 :	0 :	0
Japan -----:	4,514 :	4,544 :	535 :	766
Mexico -----:	0 :	3 :	3 :	0
Peoples Rep of China -----:	0 :	0 :	0 :	0
Poland -----:	0 :	0 :	0 :	0
Romania -----:	0 :	0 :	0 :	0
Republic of South Africa -----:	0 :	0 :	0 :	0
Korea, Republic of -----:	50 :	24 :	13 :	0
Trinidad and Tobago -----:	0 :	0 :	0 :	0
Venezuela -----:	0 :	0 :	0 :	0
Yugoslavia -----:	0 :	0 :	0 :	0
Total-----:	27,299 :	46,063 :	3,801 :	3,701
Other countries:				
Sweden -----:	6,775 :	5,970 :	346 :	335
Canada -----:	889 :	425 :	241 :	15
Anguilla -----:	9 :	0 :	0 :	0
Total-----:	7,673 :	6,395 :	587 :	350
Grand total-----:	34,972 :	52,458 :	4,388 :	4,051

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, 1988, 1989, and by specified periods, 1989 and 1990

Item	1988	1989	January	
			1989	1990
	Quantity (short tons)			
VRA countries:				
Australia -----	0 :	9 :	0 :	0
Austria -----	29 :	16 :	2 :	0
Brazil -----	313 :	0 :	0 :	28
Czechoslovakia -----	0 :	0 :	0 :	0
East Germany -----	0 :	0 :	0 :	0
EC countries-----	60,758 :	63,533 :	6,515 :	4,401
Finland -----	6,045 :	1,376 :	157 :	321
Hungary -----	0 :	0 :	0 :	0
Japan -----	22,393 :	45,776 :	3,906 :	3,913
Mexico -----	8,814 :	14,979 :	201 :	1,148
Peoples Rep of China -----	0 :	0 :	0 :	0
Poland -----	0 :	0 :	0 :	0
Romania -----	0 :	0 :	0 :	0
Republic of South Africa -----	0 :	0 :	0 :	0
Korea, Republic of -----	7,845 :	6,875 :	823 :	395
Trinidad and Tobago -----	0 :	0 :	0 :	0
Venezuela -----	5 :	0 :	0 :	40
Yugoslavia -----	0 :	0 :	0 :	0
Total-----	106,202 :	132,564 :	11,604 :	10,246
Other countries:				
Sweden -----	8,433 :	5,978 :	515 :	391
Canada -----	3,838 :	2,345 :	373 :	158
Taiwan -----	0 :	117 :	0 :	0
Singapore -----	0 :	4 :	0 :	0
Turkey -----	0 :	1/	0 :	0
Honduras -----	19 :	0 :	0 :	0
Peru -----	2 :	0 :	0 :	0
India -----	90 :	0 :	0 :	0
Total-----	12,382 :	8,444 :	888 :	549
Grand total-----	118,584 :	141,008 :	12,492 :	10,795

See footnote(s) at end of table.

Table 23.--Stainless steel sheet and strip: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January		
			1989	1990	
	Value (thousand dollars)				
VRA countries:					
Australia -----:	0 :	12 :	0 :	0	
Austria -----:	136 :	79 :	11 :	0	
Brazil -----:	480 :	0 :	0 :	43	
Czechoslovakia -----:	0 :	0 :	0 :	0	
East Germany -----:	0 :	0 :	0 :	0	
EC countries-----:	122,326 :	139,075 :	13,591 :	9,031	
Finland -----:	13,459 :	3,850 :	456 :	589	
Hungary -----:	0 :	0 :	0 :	0	
Japan -----:	50,112 :	95,801 :	7,538 :	8,129	
Mexico -----:	16,454 :	33,470 :	287 :	2,782	
Peoples Rep of China -----:	0 :	0 :	0 :	0	
Poland -----:	0 :	0 :	0 :	0	
Romania -----:	0 :	0 :	0 :	0	
Republic of South Africa -----:	0 :	0 :	0 :	0	
Korea, Republic of -----:	17,343 :	16,561 :	1,998 :	656	
Trinidad and Tobago -----:	0 :	0 :	0 :	0	
Venezuela -----:	21 :	0 :	0 :	20	
Yugoslavia -----:	0 :	0 :	0 :	0	
Total-----:	220,331 :	288,848 :	23,881 :	21,250	
Other countries:					
Sweden -----:	24,684 :	21,183 :	1,783 :	1,498	
Canada -----:	9,552 :	7,330 :	1,104 :	373	
Taiwan -----:	0 :	95 :	0 :	0	
Singapore -----:	0 :	17 :	0 :	0	
Turkey -----:	0 :	3 :	0 :	0	
Honduras -----:	35 :	0 :	0 :	0	
Peru -----:	26 :	0 :	0 :	0	
India -----:	172 :	0 :	0 :	0	
Total-----:	34,469 :	28,628 :	2,887 :	1,871	
Grand total-----:	254,800 :	317,476 :	26,768 :	23,121	

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, 1988, 1989, and by specified periods, 1989 and 1990

Item	1988	1989	January	
			1989	1990
	Quantity (short tons)			
VRA countries:				
Australia -----:	0 :	0 :	0 :	0
Austria -----:	183 :	200 :	21 :	6
Brazil -----:	3,827 :	4,497 :	534 :	325
Czechoslovakia -----:	0 :	0 :	0 :	0
East Germany -----:	0 :	0 :	0 :	0
EC countries-----:	12,705 :	10,400 :	817 :	1,293
Finland -----:	0 :	0 :	0 :	0
Hungary -----:	0 :	0 :	0 :	0
Japan -----:	16,715 :	20,286 :	1,729 :	1,759
Mexico -----:	49 :	18 :	0 :	0
Peoples Rep of China -----:	2 :	7 :	0 :	0
Poland -----:	0 :	0 :	0 :	0
Romania -----:	18 :	15 :	0 :	0
Republic of South Africa -----:	0 :	0 :	0 :	0
Korea, Republic of -----:	1,604 :	3,165 :	596 :	184
Trinidad and Tobago -----:	0 :	0 :	0 :	0
Venezuela -----:	0 :	0 :	0 :	0
Yugoslavia -----:	0 :	0 :	0 :	0
Total-----:	35,103 :	38,588 :	3,697 :	3,567
Other countries:				
Sweden -----:	3,708 :	2,727 :	260 :	178
Canada -----:	1,641 :	1,711 :	138 :	180
India -----:	224 :	214 :	42 :	131
Argentina -----:	0 :	93 :	49 :	14
Taiwan -----:	49 :	59 :	0 :	0
Switzerland -----:	1/ :	13 :	1/ :	0
Jordan -----:	0 :	10 :	0 :	0
Indonesia -----:	0 :	2 :	2 :	0
Singapore -----:	0 :	1/ :	0 :	0
Israel -----:	0 :	1/ :	0 :	0
All others-----:	1/ :	0 :	0 :	0
Total-----:	5,622 :	4,829 :	491 :	503
Grand total-----:	40,725 :	43,417 :	4,188 :	4,070

See footnote(s) at end of table.

Table 24.--Stainless steel bars and shapes: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January	
			1989	1990
	Value (thousand dollars)			
VRA countries:				
Australia -----:	0 :	0 :	0 :	0
Austria -----:	412 :	527 :	48 :	13
Brazil -----:	5,743 :	10,550 :	1,502 :	953
Czechoslovakia -----:	0 :	0 :	0 :	0
East Germany -----:	0 :	0 :	0 :	0
EC countries-----:	29,888 :	30,443 :	2,508 :	3,409
Finland -----:	0 :	0 :	0 :	0
Hungary -----:	0 :	0 :	0 :	0
Japan -----:	40,671 :	63,821 :	5,121 :	5,198
Mexico -----:	163 :	33 :	0 :	0
Peoples Rep of China -----:	40 :	32 :	0 :	0
Poland -----:	0 :	0 :	0 :	0
Romania -----:	30 :	27 :	0 :	0
Republic of South Africa -----:	0 :	0 :	0 :	0
Korea, Republic of -----:	3,389 :	9,017 :	1,704 :	437
Trinidad and Tobago -----:	0 :	0 :	0 :	0
Venezuela -----:	0 :	0 :	0 :	0
Yugoslavia -----:	0 :	0 :	0 :	0
Total-----:	80,336 :	114,450 :	10,883 :	10,010
Other countries:				
Sweden -----:	8,981 :	8,819 :	809 :	504
Canada -----:	3,608 :	4,540 :	385 :	467
India -----:	420 :	509 :	90 :	378
Argentina -----:	0 :	169 :	87 :	28
Taiwan -----:	162 :	166 :	0 :	0
Switzerland -----:	1 :	92 :	1 :	0
Jordan -----:	0 :	41 :	0 :	0
Indonesia -----:	0 :	53 :	53 :	0
Singapore -----:	0 :	2 :	0 :	0
Israel -----:	0 :	4 :	0 :	0
All others-----:	3 :	0 :	0 :	0
Total-----:	13,175 :	14,395 :	1,425 :	1,377
Grand total-----:	93,511 :	128,845 :	12,308 :	11,387

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, 1988, 1989, and by specified periods, 1989 and 1990

Item	1988	1989	January		1990
	1989	1989	1989	1989	
	Quantity (short tons)				
VRA countries:					
Australia -----:	0 :	0 :	0 :	0 :	0
Austria -----:	49 :	88 :	0 :	0 :	0
Brazil -----:	964 :	809 :	0 :	0 :	0
Czechoslovakia -----:	0 :	0 :	0 :	0 :	0
East Germany -----:	0 :	0 :	0 :	0 :	0
EC countries-----:	8,877 :	10,582 :	1,156 :	1,001	
Finland -----:	0 :	0 :	0 :	0 :	0
Hungary -----:	0 :	0 :	0 :	0 :	0
Japan -----:	5,483 :	6,087 :	510 :	664	
Mexico -----:	0 :	0 :	0 :	0 :	0
Peoples Rep of China -----:	0 :	0 :	0 :	0 :	0
Poland -----:	0 :	0 :	0 :	0 :	0
Romania -----:	0 :	0 :	0 :	0 :	0
Republic of South Africa -----:	0 :	0 :	0 :	0 :	0
Korea, Republic of -----:	375 :	336 :	37 :	54	
Trinidad and Tobago -----:	138 :	0 :	0 :	0 :	0
Venezuela -----:	0 :	0 :	0 :	0 :	0
Yugoslavia -----:	17 :	0 :	0 :	0 :	0
Total-----:	15,903 :	17,902 :	1,703 :	1,719	
Other countries:					
Sweden -----:	3,159 :	3,497 :	304 :	448	
Canada -----:	1/ :	284 :	0 :	17	
Argentina -----:	0 :	15 :	0 :	0	
Taiwan -----:	148 :	0 :	0 :	0 :	0
Total-----:	3,307 :	3,796 :	304 :	465	
Grand total-----:	19,210 :	21,698 :	2,007 :	2,184	

See footnote(s) at end of table.

Table 25.--Stainless steel wire rod: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January	
			1989	1990
	Value (thousand dollars)			
VRA countries:				
Australia -----:	0 :	0 :	0 :	0
Austria -----:	68 :	129 :	0 :	0
Brazil -----:	1,543 :	1,991 :	0 :	0
Czechoslovakia -----:	0 :	0 :	0 :	0
East Germany -----:	0 :	0 :	0 :	0
EC countries-----:	23,039 :	30,861 :	3,054 :	2,379
Finland -----:	0 :	0 :	0 :	0
Hungary -----:	0 :	0 :	0 :	0
Japan -----:	11,611 :	16,226 :	1,416 :	1,543
Mexico -----:	0 :	0 :	0 :	0
Peoples Rep of China -----:	0 :	0 :	0 :	0
Poland -----:	0 :	0 :	0 :	0
Romania -----:	0 :	0 :	0 :	0
Republic of South Africa -----:	0 :	0 :	0 :	0
Korea, Republic of -----:	552 :	796 :	88 :	122
Trinidad and Tobago -----:	202 :	0 :	0 :	0
Venezuela -----:	0 :	0 :	0 :	0
Yugoslavia -----:	22 :	0 :	0 :	0
Total-----:	37,037 :	50,003 :	4,558 :	4,044
Other countries:				
Sweden -----:	7,916 :	11,170 :	978 :	1,313
Canada -----:	2 :	787 :	0 :	57
Argentina -----:	0 :	26 :	0 :	0
Taiwan -----:	328 :	0 :	0 :	0
Total-----:	8,246 :	11,983 :	978 :	1,370
Grand total-----:	45,283 :	61,986 :	5,536 :	5,414

1/ Less than 0.5 short ton.

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

Table 26.--Stainless steel wire: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990

Item	1988	1989	January		
			1989	1990	
	Quantity (short tons)				
VRA countries:					
Australia -----	1/	1/	1/	0	0
Austria -----	25	105	0	0	0
Brazil -----	156	849	22	24	
Czechoslovakia -----	0	0	0	0	
East Germany -----	0	0	0	0	
EC countries-----	8,101	7,542	767	541	
Finland -----	0	7	0	0	
Hungary -----	0	0	0	0	
Japan -----	4,719	4,796	687	331	
Mexico -----	1	6	0	0	
Peoples Rep of China -----	0	0	0	0	
Poland -----	0	0	0	0	
Romania -----	0	0	0	0	
Republic of South Africa -----	0	0	0	0	
Korea, Republic of -----	986	759	121	38	
Trinidad and Tobago -----	0	0	0	0	
Venezuela -----	3	0	0	0	
Yugoslavia -----	0	3	0	0	
Total-----	13,991	14,067	1,597	934	
Other countries:					
Sweden -----	2,685	2,493	301	181	
Canada -----	2,277	2,355	182	297	
Taiwan -----	1,221	1,099	36	74	
India -----	209	896	44	184	
Switzerland -----	268	337	19	1/	
Thailand -----	0	71	0	0	
Singapore -----	1/	1/	0	1/	
Hong Kong -----	0	1/	0	0	
Total-----	6,660	7,251	582	736	
Grand total-----	20,651	21,318	2,179	1,670	

See footnote(s) at end of table.

Table 26.--Stainless steel wire: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January	
			1989	1990
	Value (thousand dollars)			
VRA countries:				
Australia -----:	39 :	81 :	13 :	0
Austria -----:	117 :	516 :	0 :	0
Brazil -----:	304 :	2,069 :	69 :	107
Czechoslovakia -----:	0 :	0 :	0 :	0
East Germany -----:	0 :	0 :	0 :	0
EC countries-----:	24,922 :	28,620 :	2,747 :	2,023
Finland -----:	0 :	58 :	0 :	0
Hungary -----:	0 :	0 :	0 :	0
Japan -----:	18,705 :	20,748 :	2,530 :	1,431
Mexico -----:	6 :	3 :	0 :	0
Peoples Rep of China -----:	0 :	0 :	0 :	0
Poland -----:	0 :	0 :	0 :	0
Romania -----:	0 :	0 :	0 :	0
Republic of South Africa -----:	0 :	0 :	0 :	0
Korea, Republic of -----:	3,044 :	3,042 :	478 :	148
Trinidad and Tobago -----:	0 :	0 :	0 :	0
Venezuela -----:	11 :	0 :	0 :	0
Yugoslavia -----:	0 :	4 :	0 :	0
Total-----:	47,148 :	55,141 :	5,837 :	3,709
Other countries:				
Sweden -----:	12,922 :	13,952 :	1,842 :	1,064
Canada -----:	9,650 :	12,604 :	992 :	1,472
Taiwan -----:	3,824 :	3,834 :	157 :	275
India -----:	414 :	2,432 :	101 :	520
Switzerland -----:	1,254 :	1,590 :	74 :	2
Thailand -----:	0 :	274 :	0 :	0
Singapore -----:	5 :	9 :	0 :	4
Hong Kong -----:	0 :	4 :	0 :	0
Total-----:	28,069 :	34,699 :	3,166 :	3,337
Grand total-----:	75,217 :	89,840 :	9,003 :	7,046

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, 1988, 1989, and by specified periods, 1989 and 1990

Item	1988	1989	January	
			1989	1990
	Quantity (short tons)			
VRA countries:				
Australia -----:	23 :	0 :	0 :	0
Austria -----:	756 :	664 :	104 :	52
Brazil -----:	0 :	12 :	0 :	0
Czechoslovakia -----:	0 :	0 :	0 :	0
East Germany -----:	0 :	0 :	0 :	0
EC countries-----:	7,081 :	11,955 :	1,166 :	1,991
Finland -----:	1/ :	0 :	0 :	0
Hungary -----:	0 :	0 :	0 :	0
Japan -----:	8,365 :	9,327 :	930 :	842
Mexico -----:	950 :	346 :	0 :	20
Peoples Rep of China -----:	0 :	4 :	4 :	0
Poland -----:	0 :	0 :	0 :	0
Romania -----:	0 :	0 :	0 :	0
Republic of South Africa -----:	0 :	1/ :	0 :	0
Korea, Republic of -----:	392 :	684 :	72 :	60
Trinidad and Tobago -----:	0 :	0 :	0 :	0
Venezuela -----:	0 :	0 :	0 :	0
Yugoslavia -----:	0 :	0 :	0 :	0
Total-----:	17,567 :	22,992 :	2,276 :	2,965
Other countries:				
Canada -----:	6,925 :	6,241 :	692 :	475
Sweden -----:	5,253 :	4,208 :	235 :	279
Taiwan -----:	6,809 :	3,135 :	184 :	794
Thailand -----:	188 :	332 :	66 :	0
Singapore -----:	0 :	315 :	0 :	80
Switzerland -----:	1 :	16 :	5 :	1/
Malaysia -----:	0 :	13 :	0 :	0
India -----:	4 :	5 :	0 :	0
Norway -----:	0 :	1/ :	0 :	0
Israel -----:	4 :	1/ :	0 :	0
All others-----:	1/ :	0 :	0 :	0
Total-----:	19,184 :	14,265 :	1,182 :	1,628
Grand total-----:	36,751 :	37,257 :	3,458 :	4,593

See footnote(s) at end of table.

Table 27.--Stainless steel pipe and tube: U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January		
			1989	1990	
	Value (thousand dollars)				
VRA countries:					
Australia -----:	135	0	0	0	0
Austria -----:	4,157	5,246	749	422	
Brazil -----:	0	54	0	0	
Czechoslovakia -----:	0	0	0	0	
East Germany -----:	0	0	0	0	
EC countries-----:	27,461	45,286	5,684	2,834	
Finland -----:	1	0	0	0	
Hungary -----:	0	0	0	0	
Japan -----:	31,923	52,918	4,652	5,322	
Mexico -----:	2,891	1,195	0	90	
Peoples Rep of China -----:	0	12	12	0	
Poland -----:	0	0	0	0	
Romania -----:	0	0	0	0	
Republic of South Africa -----:	0	4	0	0	
Korea, Republic of -----:	1,255	2,570	153	228	
Trinidad and Tobago -----:	0	0	0	0	
Venezuela -----:	0	0	0	0	
Yugoslavia -----:	0	0	0	0	
Total-----:	67,823	107,285	11,250	8,896	
Other countries:					
Canada -----:	24,048	30,786	3,190	2,461	
Sweden -----:	22,285	22,758	1,036	1,481	
Taiwan -----:	21,308	12,587	704	2,938	
Thailand -----:	458	874	145	0	
Singapore -----:	0	1,060	0	258	
Switzerland -----:	177	212	38	18	
Malaysia -----:	0	45	0	0	
India -----:	17	20	0	0	
Norway -----:	0	7	0	0	
Israel -----:	77	3	0	0	
All others-----:	2	0	0	0	
Total-----:	68,372	68,352	5,113	7,156	
Grand total-----:	136,195	175,637	16,363	16,052	

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, 1988, 1989, and by specified periods, 1989 and 1990

Item	1988	1989	January	
			1989	1990
	Quantity (short tons)			
VRA countries:				
Australia -----:	0 :	18 :	0 :	0
Austria -----:	2,538 :	2,709 :	253 :	269
Brazil -----:	1,920 :	2,052 :	332 :	221
Czechoslovakia -----:	21 :	33 :	0 :	0
East Germany -----:	4 :	0 :	0 :	0
EC countries-----:	12,825 :	16,254 :	2,610 :	1,449
Finland -----:	5 :	0 :	0 :	0
Hungary -----:	0 :	0 :	0 :	0
Japan -----:	4,416 :	5,543 :	425 :	288
Mexico -----:	346 :	137 :	35 :	0
Peoples Rep of China -----:	103 :	167 :	0 :	0
Poland -----:	249 :	225 :	60 :	85
Romania -----:	0 :	0 :	0 :	0
Republic of South Africa -----:	0 :	0 :	0 :	0
Korea, Republic of -----:	779 :	1,167 :	52 :	51
Trinidad and Tobago -----:	0 :	0 :	0 :	0
Venezuela -----:	0 :	68 :	0 :	0
Yugoslavia -----:	0 :	0 :	0 :	0
Total-----:	23,206 :	28,373 :	3,767 :	2,363
Other countries:				
Sweden -----:	12,254 :	10,867 :	826 :	507
Canada -----:	8,573 :	8,963 :	610 :	576
Argentina -----:	42 :	98 :	32 :	0
Soviet Union -----:	0 :	10 :	0 :	0
Israel -----:	0 :	1/ :	0 :	0
India -----:	19 :	1/ :	1/ :	0
Switzerland -----:	1/ :	1/ :	0 :	0
Total-----:	20,888 :	19,938 :	1,468 :	1,083
Grand total-----:	44,094 :	48,311 :	5,235 :	3,446

See footnote(s) at end of table.

Table 28.--Alloy tool steel (all forms): U.S. imports for consumption, by specified sources, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January	
			1989	1990
	Value (thousand dollars)			
VRA countries:				
Australia -----:	0 :	41 :	0 :	0
Austria -----:	6,561 :	7,507 :	595 :	767
Brazil -----:	3,560 :	3,481 :	590 :	548
Czechoslovakia -----:	33 :	46 :	0 :	0
East Germany -----:	6 :	0 :	0 :	0
EC countries-----:	23,213 :	31,615 :	3,623 :	2,980
Finland -----:	15 :	0 :	0 :	0
Hungary -----:	0 :	0 :	0 :	0
Japan -----:	14,883 :	11,142 :	506 :	977
Mexico -----:	434 :	183 :	70 :	0
Peoples Rep of China -----:	149 :	219 :	0 :	0
Poland -----:	468 :	567 :	115 :	285
Romania -----:	0 :	0 :	0 :	0
Republic of South Africa -----:	0 :	0 :	0 :	0
Korea, Republic of -----:	1,303 :	1,979 :	91 :	109
Trinidad and Tobago -----:	0 :	0 :	0 :	0
Venezuela -----:	0 :	86 :	0 :	0
Yugoslavia -----:	0 :	0 :	0 :	0
Total-----:	50,625 :	56,866 :	5,590 :	5,666
Other countries:				
Sweden -----:	30,589 :	30,000 :	1,906 :	1,251
Canada -----:	12,019 :	12,883 :	914 :	992
Argentina -----:	65 :	165 :	50 :	0
Soviet Union -----:	0 :	8 :	0 :	0
Israel -----:	0 :	10 :	0 :	0
India -----:	16 :	4 :	4 :	0
Switzerland -----:	2 :	1 :	0 :	0
Total-----:	42,691 :	43,071 :	2,874 :	2,243
Grand total-----:	93,316 :	99,937 :	8,464 :	7,909

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, 1988, 1989, and by specified periods, 1989 and 1990

Item	1988	1989	January		
			1989	1990	
	Quantity (short tons)				
VRA countries:					
Australia -----:	24 :	28 :	1/		0
Austria -----:	3,901 :	3,979 :	391 :	334	
Brazil -----:	8,863 :	8,218 :	888 :	598	
Czechoslovakia -----:	21 :	33 :	0 :	0	
East Germany -----:	4 :	0 :	0 :	0	
EC countries-----:	128,336 :	146,285 :	18,188 :	11,588	
Finland -----:	8,780 :	3,128 :	234 :	692	
Hungary -----:	0 :	0 :	0 :	0	
Japan -----:	66,251 :	94,055 :	8,646 :	8,084	
Mexico -----:	10,160 :	15,666 :	240 :	1,206	
Peoples Rep of China -----:	106 :	178 :	4 :	0	
Poland -----:	323 :	518 :	60 :	85	
Romania -----:	18 :	15 :	0 :	0	
Republic of South Africa -----:	0 :	1/ :	0 :	0	
Korea, Republic of -----:	12,105 :	12,998 :	1,706 :	781	
Trinidad and Tobago -----:	138 :	0 :	0 :	0	
Venezuela -----:	7 :	68 :	0 :	40	
Yugoslavia -----:	17 :	3 :	0 :	0	
Total-----:	239,054 :	285,187 :	30,357 :	23,408	
Other countries:					
Canada -----:	57,153 :	58,631 :	5,670 :	4,400	
Sweden -----:	52,761 :	42,184 :	3,488 :	2,789	
Taiwan -----:	8,227 :	4,411 :	221 :	869	
India -----:	546 :	1,116 :	86 :	315	
Thailand -----:	188 :	403 :	66 :	0	
Switzerland -----:	270 :	366 :	24 :	1/	
Singapore -----:	1/ :	320 :	0 :	80	
Argentina -----:	42 :	206 :	81 :	14	
Malaysia -----:	0 :	13 :	0 :	0	
Soviet Union -----:	0 :	10 :	0 :	0	
All others-----:	31 :	14 :	2 :	0	
Total-----:	119,488 :	107,674 :	9,638 :	8,467	
Grand total-----:	358,542 :	392,861 :	39,995 :	31,875	

See footnote(s) at end of table.

Table 29.--Total, stainless and alloy tool steel products: U.S. imports for consumption, by principal sources, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January	
			1989	1990
	Value (thousand dollars)			
VRA countries:				
Australia -----:	174	133	13	0
Austria -----:	12,639	14,919	1,437	1,233
Brazil -----:	12,173	18,144	2,160	1,651
Czechoslovakia -----:	33	46	0	0
East Germany -----:	6	0	0	0
EC countries-----:	279,603	354,166	36,891	24,751
Finland -----:	19,623	8,791	682	1,500
Hungary -----:	0	0	0	0
Japan -----:	175,325	266,614	22,804	23,366
Mexico -----:	19,948	35,334	360	2,992
Peoples Rep of China -----:	189	263	12	0
Poland -----:	570	1,099	115	285
Romania -----:	30	27	0	0
Republic of South Africa -----:	0	4	0	0
Korea, Republic of -----:	26,936	33,988	4,524	1,700
Trinidad and Tobago -----:	202	0	0	0
Venezuela -----:	32	86	0	20
Yugoslavia -----:	22	4	0	0
Total-----:	547,505	733,618	68,998	57,498
Other countries:				
Canada -----:	112,639	138,273	12,924	9,902
Sweden -----:	137,391	136,926	10,456	8,796
Taiwan -----:	25,622	16,698	861	3,221
India -----:	1,039	2,965	195	898
Thailand -----:	458	1,148	145	0
Switzerland -----:	1,434	1,895	113	20
Singapore -----:	5	1,088	0	262
Argentina -----:	65	360	137	28
Malaysia -----:	0	45	0	0
Soviet Union -----:	0	8	0	0
All others-----:	152	132	53	0
Total-----:	278,805	299,538	24,884	23,127
Grand total-----:	826,310	1,033,156	93,882	80,625

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, 1988, 1989, and 1990, and by specified periods, 1989 and 1990
 (Per short ton)

Item	January		
	1988	1989	1990
Carbon and certain alloy 1/ steel:			
Semi-finished 2/	259	271	220
Plate	405	400	393
Sheet and strip:			
Hot rolled	364	378	368
Cold rolled	509	546	586
Galvanized	552	587	587
Tin Plate	567	613	627
Tin free	542	574	587
Other coated	590	616	625
Average, sheet and strip	481	511	525
Bar:			
Hot finished	406	454	433
Cold finished	598	658	629
Reinforcing	262	308	288
Light shapes	382	349	347
Average, bar	396	445	415
Wire rod	347	374	372
Wire—	691	734	717
Wire products	659	928	780
Structural shapes and units:			
Heavy structural	376	377	383
Fabricated structural	939	1,129	1,015
Average, structural	436	452	436
Rails and related products—	383	471	512
Pipe and tube:			
Oil country tubular goods—	730	743	708
Line pipe	529	563	583
Mechanical pipe	675	787	691
Structural pipe	507	563	564
Pressure tubing	793	1,021	842
Other (incl. standard)	487	520	501
Average, pipe and tube	600	615	604
Average, carbon and certain alloy 1/ steel—	450	489	471
			474

See footnotes at end of table.

Table 30.--Steel mill products and certain fabricated steel products: Unit value of U.S. imports for consumption, 1988, 1989, and 1990 and by specified periods, 1989 and 1990
 (Per short ton)

Item	1988		January	
	1989	1990	1989	1990
Stainless and alloy tool steel:				
Semifinished 2/	1,490		1,722	1,267
Plate	2,207		2,962	2,565
Sheet and strip:				
Sheet	2,067		2,084	1,970
Strip	3,331		3,219	2,898
Average, sheet and strip	2,149		2,251	2,143
Bars and shapes:				
Wire rod	2,296		2,968	2,940
Wire	2,357		2,857	2,759
Pipe and tube	3,642		4,214	4,133
Alloy tool steel (all forms)	3,706		4,716	4,732
Average, stainless and alloy steel	2,116		2,069	1,616
Average, stainless and alloy steel	2,306		2,630	2,347
Average, stainless and alloy steel				2,530

^{1/} Including alloy steel other than stainless or tool steel.

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

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

Table 31.-- Steel mill products and certain fabricated steel products: U.S. imports for consumption of specified products and imports as a percent of major product groupings, 1988, 1989, and by specified periods, 1989 and 1990

Item	1988	1989	January			
			1989	1990		
Quantity (short tons)						
Carbon and certain alloy 3/ steel:						
Semifinished 2/						
Ingots-----	103,282	25,863	688	158		
Blooms and billets-----	581,907	504,638	99,010	20,553		
Slabs and sheet bars-----	2,097,383	1,605,189	66,374	224,839		
Total-----	2,782,572	2,135,690	166,072	245,549		
Plate:						
Carbon-----	1,750,917	1,312,364	171,117	101,083		
Alloy-----	106,172	107,032	9,391	8,755		
Total-----	1,857,090	1,419,396	180,508	109,837		
Sheet and strip:						
Hot rolled:						
Sheet-----	2,199,268	1,835,755	209,855	135,536		
Strip-----	49,553	110,452	11,702	8,423		
Cold rolled:						
Black plate-----	145,166	144,642	13,872	11,673		
Electrical-----	64,684	85,328	11,133	5,666		
Other sheet-----	2,011,242	1,701,183	160,792	106,019		
Other strip-----	126,534	112,196	10,803	11,283		
Galvanized-----	1,948,811	1,625,227	124,926	155,216		
Tin plate-----	294,552	337,330	30,813	24,587		
Tin free-----	97,460	114,902	9,933	12,070		
Other coated-----	248,111	235,827	29,297	15,070		
Total-----	7,185,380	6,302,844	613,125	485,544		
Bar:						
Hot rolled:						
Carbon-----	476,951	525,944	53,358	48,350		
Alloy-----	186,902	238,912	23,746	17,453		
Cold rolled:						
Carbon-----	161,345	118,180	12,830	7,846		
Alloy-----	52,093	46,608	4,595	3,814		
Reinforcing-----	357,253	233,733	32,392	11,109		
Light structural shapes-----	126,568	100,927	13,807	7,293		
Total-----	1,361,113	1,264,305	140,728	95,865		

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, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	1989	1990
	January			
Quantity (short tons)				
Wire rod and related products:				
Wire rod:				
Carbon-----	1,355,951	1,085,797	107,242	105,366
Alloy-----	118,672	42,620	3,818	1,451
Wire:				
Carbon-----	486,699	432,369	40,220	37,488
Alloy-----	33,028	40,615	3,078	4,280
Wire products:				
Nails-----	364,748	384,737	32,961	36,205
Barbed wire-----	15,538	12,440	1,524	1,454
Wire fencing-----	12,052	60,907	5,038	3,936
Bale ties-----	1,849	955	234	138
Wire strand-----	88,300	161,751	10,100	14,837
Wire rope-----	77,564	82,812	7,782	5,576
Milliners wire-----	12,400	0	0	1/
Total-----	2,566,801	2,305,004	211,996	210,731
Structurals:				
Heavy-----	1,955,762	1,477,782	200,843	84,786
Fabricated-----	232,705	162,579	18,740	12,724
Total-----	2,188,467	1,640,361	219,582	97,510
Rails and related products:				
Rails-----	260,006	244,236	26,540	23,284
Joint bars and tie plates-----	8,487	14,023	572	485
Track spikes-----	205	5,853	804	370
Wheels and axles-----	50,734	58,873	9,462	2,651
Total-----	319,432	322,985	37,377	26,790
Pipes and tubes:				
Oil country tubular goods-----	1,032,296	429,448	46,137	30,214
Line pipe-----	507,914	526,983	45,822	40,171
Mechanical pipe-----	382,270	281,056	44,074	17,517
Structural pipe-----	278,870	323,918	37,026	29,236
Pressure tubing-----	52,100	44,944	7,264	3,825
Other (including standard)-----	996,487	829,195	77,429	88,017
Total-----	3,249,937	2,435,544	257,752	208,979

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, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January	
			1989	1990
:	:	:	:	:
Quantity (short tons)				
:				
Stainless and alloy tool steel:				
Stainless:				
Semifinished:				
Ingots-----:	3,877	191	8	0
Blooms and billets-----:	40,772	42,268	4,912	2,853
Slabs and sheet bars-----:	17,758	19,663	3,803	621
Total-----:	62,407	62,121	8,723	3,473
Plate-----:	15,847	17,713	1,711	1,642
Sheet and strip:				
Sheet:				
Hot rolled-----:	7,331	8,070	1,390	380
Cold rolled-----:	103,577	112,191	8,776	8,531
Strip-----:	7,676	20,748	2,328	1,885
Total-----:	118,584	141,009	12,493	10,795
Bars and shapes-----:	40,724	43,417	4,187	4,070
Wire rod-----:	19,210	21,698	2,006	2,183
Wire-----:	20,653	21,319	2,178	1,670
Pipe and tube-----:	36,752	37,258	3,458	4,594
Alloy tool steel (all forms):				
Semifinished 2/-----:	4,408	1,005	0	15
Bars-----:	28,867	1,576	97	22
Other-----:	10,820	45,732	5,140	3,409
Total-----:	44,095	48,313	5,237	3,446
:	:	:	:	:

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, 1988, 1989, and by specified periods, 1989 and 1990

Item	1988	1989	1989	1990
	:	:	:	:
January				

Carbon and certain alloy 3/ steel:				
Semifinished 2/				
Ingots-----	3.71	1.21	0.41	0.06
Blooms and billets-----	20.91	23.63	59.62	8.37
Slabs and sheet bars-----	75.38	75.16	39.97	91.57
Total-----	100.00	100.00	100.00	100.00
Plate:				
Carbon-----	94.28	92.46	94.80	92.03
Alloy-----	5.72	7.54	5.20	7.97
Total-----	100.00	100.00	100.00	100.00
Sheet and strip:				
Hot rolled:				
Sheet-----	30.61	29.13	34.23	27.91
Strip-----	0.69	1.75	1.91	1.73
Cold rolled:				
Black plate-----	2.02	2.29	2.26	2.40
Electrical-----	0.90	1.35	1.82	1.17
Other sheet-----	27.99	26.99	26.23	21.84
Other strip-----	1.76	1.78	1.76	2.32
Galvanized-----	27.12	25.79	20.38	31.97
Tin plate-----	4.10	5.35	5.03	5.06
Tin free-----	1.36	1.82	1.62	2.49
Other coated-----	3.45	3.74	4.78	3.10
Total-----	100.00	100.00	100.00	100.00
Bar:				
Hot rolled:				
Carbon-----	35.04	41.60	37.92	50.44
Alloy-----	13.73	18.90	16.87	18.21
Cold rolled:				
Carbon-----	11.85	9.35	9.12	8.18
Alloy-----	3.83	3.69	3.27	3.98
Reinforcing-----	26.25	18.49	23.02	11.59
Light structural shapes-----	9.30	7.98	9.81	7.61
Total-----	100.00	100.00	100.00	100.00

See footnotes at end of table.

Table 31.-- Steel mill products and certain fabricated steel products: U.S. imports for consumption of specified products and imports as a percent of major product groupings, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	January			
			1989	1990		
: Share of product group totals (percent)						

Wire rod and related products:						
Wire rod:						
Carbon-----	52.83	47.11	50.59	50.00		
Alloy-----	4.62	1.85	1.80	0.69		
Wire:						
Carbon-----	18.96	18.76	18.97	17.79		
Alloy-----	1.29	1.76	1.45	2.03		
Wire products:						
Nails-----	14.21	16.69	15.55	17.18		
Barbed wire-----	0.61	0.54	0.72	0.69		
Wire fencing-----	0.47	2.64	2.38	1.87		
Bale ties-----	0.07	0.04	0.11	0.07		
Wire strand-----	3.44	7.02	4.76	7.04		
Wire rope-----	3.02	3.59	3.67	2.65		
Milliners wire-----	0.48	0.00	0.00	1/		
Total -----	100.00	100.00	100.00	100.00		
Structurals:						
Heavy -----	89.37	90.09	91.47	86.95		
Fabricated -----	10.63	9.91	8.53	13.05		
Total -----	100.00	100.00	100.00	100.00		
Rails and related products:						
Rails -----	81.40	75.62	71.01	86.91		
Joint bars and tie plates-----	2.66	4.34	1.53	1.81		
Track spikes-----	0.06	1.81	2.15	1.38		
Wheels and axles-----	15.88	18.23	25.31	9.90		
Total -----	100.00	100.00	100.00	100.00		
Pipes and tubes:						
Oil country tubular goods -----	31.76	17.63	17.90	14.46		
Line pipe-----	15.63	21.64	17.78	19.22		
Mechanical pipe-----	11.76	11.54	17.10	8.38		
Structural pipe-----	8.58	13.30	14.37	13.99		
Pressure tubing-----	1.60	1.85	2.82	1.83		
Other (including standard)-----	30.66	34.05	30.04	42.12		
Total -----	100.00	100.00	100.00	100.00		
:-----	:-----	:-----	:-----	:-----		

See footnotes at end of table.

Table 31.-- Steel mill products and certain fabricated steel products: U.S. imports for consumption of specified products and imports as a percent of major product groupings, 1988, 1989, and by specified periods, 1989 and 1990--Continued

Item	1988	1989	1989	1990
	January			
Stainless and alloy tool steel:				
Stainless:				
Semifinished:				
Ingots-----:	6.21	0.31	0.09	0.01
Blooms and billets-----:	65.33	68.04	56.31	82.13
Slabs and sheet bars-----:	28.45	31.65	43.59	17.87
Total-----:	100.00	100.00	100.00	100.00
Plate-----:	100.00	100.00	100.01	100.02
Sheet and strip:				
Sheet:				
Hot rolled-----:	6.18	5.72	11.12	3.52
Cold rolled-----:	87.34	79.56	70.25	79.03
Strip-----:	6.47	14.71	18.63	17.46
Total-----:	100.00	100.00	100.00	100.00
Bars and shapes-----:	100.00	100.00	99.99	100.00
Wire rod-----:	100.00	100.00	100.01	100.01
Wire-----:	100.00	100.00	99.99	99.99
Pipe and tube-----:	100.00	100.00	100.00	99.99
Alloy tool steel (all forms):				
Semifinished 2/-----:	10.00	2.08	0.00	0.43
Bars-----:	65.47	3.26	1.84	0.65
Other-----:	24.54	94.66	98.16	98.92
Total-----:	100.00	100.00	100.00	100.00

1/ Milliners wire is included in total wire products.

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

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

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

Table 32.—Steel mill products and certain fabricated steel products:
U.S. imports for consumption, by customs areas, 1988, 1989, and 1990
specified periods, 1989 and 1990

(Short tons)

Item	January		
	1988	1989	1990
Atlantic Coast	4,743,215	3,511,002	546,778
Great Lakes-Canadian border	6,342,613	5,688,359	364,331
Gulf Coast-Mexican border	5,938,464	4,561,998	506,204
Off-shore	403,506	371,810	41,720
Pacific Coast	4,441,267	4,085,806	408,101
Total	21,869,065	18,218,976	1,867,133
			1,512,679

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, 1988, 1989, and by specified periods, 1989 and 1990
 (Short tons)

Item	January			1988	1989	1990
	1988	1989	1990			
Carbon and certain alloy 1/						
steel:						
Semifinished 2/—						
Plate—	471,964	323,401	72,254	13,109		
Sheet and strip—	331,537	216,546	38,110	17,837		
Bars and certain shapes—	1,771,637	1,281,884	222,160	138,458		
Bars and certain shapes—	220,708	1,155,134	223,065	11,760		
Hire rod—	297,606	215,013	27,936	17,197		
Wire—	108,357	88,009	8,030	7,445		
Wire products—	220,011	237,679	20,414	24,027		
Structural shapes and units—	602,240	458,130	71,280	26,064		
Rails and related products—	36,885	35,669	2,465	579		
Pipe and tube—	523,784	360,606	60,635	36,128		
Total—	4,585,229	3,352,071	526,349	290,604		
Stainless and alloy tool steel:						
Stainless steel:						
Semifinished 2/—						
Plate—	24,249	14,669	4,753	—		
Sheet and strip—	6,134	8,900	628	701		
Bars and certain shapes—	45,874	47,531	5,591	4,809		
Bars and certain shapes—	22,371	22,418	2,447	1,570		
Wire rod—	13,526	16,289	1,653	1,487		
Wire—	10,593	11,848	1,081	757		
Pipe and tube—	12,391	14,468	1,178	2,586		
Tool steel (all forms)—	22,848	22,807	3,092	2,115		
Total—	157,986	158,931	20,930	14,739		
Grand Total—	4,743,215	3,511,002	546,778	305,344		

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, 1988, 1989, and 1990, and by specified periods, 1989 and 1990
(Short tons)

Item	1988	1989	January			62
			1989	1990	1990	
Carbon and certain alloy 1/						
Steel:						
Semifinished 2/-						
Plate	414,978	393,604				
Sheet and strip	723,681	551,017				
Bars and certain shapes	2,396,464	2,145,556				
Wire rod	625,771	650,140				
Wire	545,070	466,968				
Wire products	253,271	230,319				
Structural shapes and units	83,750	106,485				
Rails and related products	522,623	375,682				
Pipe and tube	179,981	161,932				
Total	6,233,970	5,574,539				
Stainless and alloy tool steel:						
Stainless steel:						
Semifinished 2/-						
Plate	34,966	36,980				
Sheet and strip	33,246	26,652				
Bars and certain shapes	33,923	35,814				
Wire rod	4,098	4,337				
Wire	661	822				
Pipe and tube	6,053	5,832				
Tool steel (all forms)	7,833	7,190				
Total	17,866	20,192				
Grand Total	6,342,613	5,688,359				
						299,218

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, 1988, 1989, and by specified periods, 1989 and 1990
(Short tons)

Item	January		
	1988	1989	1990
Carbon and certain alloy 1/ steel:			
Semifinished 2/—	1,061,770	684,289	66,110
Plate	567,644	439,139	52,229
Sheet and strip	1,558,244	1,316,891	153,073
Bars and certain shapes	1,377,056	1,157,610	32,005
Hire rod	349,946	220,248	24,016
Hire	64,524	61,675	5,310
Hire products	105,823	138,125	9,252
Structural shapes and units	493,074	323,672	53,803
Rails and related products	64,016	81,408	15,722
Pipe and tube	1,493,874	1,070,870	90,627
Total	5,895,942	4,493,927	502,147
Stainless and alloy tool steel:			
Semifinished 2/—	3,131	10,462	397
Plate	3,233	6,000	639
Sheet and strip	16,038	30,376	878
Bars and certain shapes	6,668	7,646	662
Hire rod	1,220	1,735	102
Hire	606	1,164	196
Pipe and tube	10,896	11,123	1,235
Tool steel (all forms)	42,523	1,585	1,38
Total	5,938,664	4,561,998	506,204
Grand Total			402,303

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 areas, 1988, 1989, and by specified periods, 1989 and 1990
(Short tons)

Item	January		
	1988	1989	1990
Carbon and certain alloy 1/			
Steel:			
Semifinished 2/			
Plate	13,306	0	0
Sheet and strip	72,445	77,155	10,405
Bars and certain shapes	157,820	169,928	19,662
Wire rod	16,953	5,174	9,693
Wire	14,739	11,407	1,648
Wire products	10,190	6,070	422
Structural shapes and units	21,786	28,269	426
Rails and related products	88	333	294
Pipe and tube	93,829	66,215	12
Total	401,758	370,535	9,929
Stainless and alloy tool steel:			
Stainless steel:			
Semifinished 2/			
Plate	0	0	0
Sheet and strip	3/	1	0
Bars and certain shapes	0	151	0
Wire rod	15	2	2
Wire	0	0	0
Pipe and tube	1,690	810	0
Tool steel (all forms)	42	18	7
Total	1,748	295	6
Grand Total	403,506	371,810	19
			36
			26,569

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

2/ Semifinished steel includes ingots, blooms, billets, slabs, and steel bars.
3/ Less than 0.5 short tons.

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

Table 37.--Steel mill products and certain fabricated steel products: U.S. imports, for consumption through the Pacific Coast customs area, 1988, 1989, and 1990, and by specified periods, 1989 and 1990
 (Short tons)

Item	January		
	1988	1989	1990
Carbon and certain alloy 1/ steel			
Semifinished 2/	833,859	734,396	21,348
Plate	220,352	204,710	57,870
Sheet and strip	1,386,590	1,481,358	132,354
Bars and certain shapes	1,219,758	1,131,492	19,559
Hire rod	265,048	221,015	17,210
Hire	78,336	81,573	5,662
Hire products	152,677	215,263	19,788
Structural shapes and units	548,943	454,608	60,501
Rails and related products	38,461	43,644	2,798
Pipe and tube	649,871	647,017	65,646
Total	4,393,893	4,035,056	402,735
Stainless and alloy tool steel:			
Stainless steel:			
Semifinished 2/	61	10	0
Plate	3,233	2,159	255
Sheet and strip	22,749	27,136	3,137
Bars and certain shapes	7,573	9,015	903
Hire rod	3,803	2,852	211
Hire	1,711	1,685	300
Pipe and tube	5,590	4,459	274
Tool steel (all forms)	2,653	3,433	286
Total	47,373	30,749	3,366
Grand Total	4,441,267	4,085,306	408,101
			479,246

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

**Request Letter From the Honorable Dan Rostenkowski, Chairman
of the Committee on Ways and Means,
U.S. House of Representatives**

ONE HUNDRED FIRST CONGRESS
DAN ROSTENKOWSKI, ILLINOIS, CHAIRMAN
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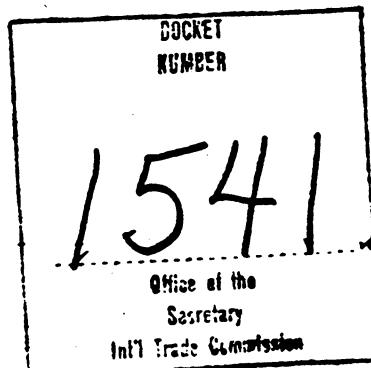
ROBERT J. LEONARD, CHIEF COUNSEL AND STAFF DIRECTOR

PHILLIP D. MOSELEY, MINORITY CHIEF OF STAFF

COMMITTEE ON WAYS AND MEANS

U.S. HOUSE OF REPRESENTATIVES
WASHINGTON, DC 20515

November 27, 1989



The Honorable Anne Brundale
Chairman
U.S. International Trade Commission
500 E Street, S.W.
Washington, D.C. 20436

Dear Madam Chairman:

The Committee on Ways and Means hereby requests the United States International Trade Commission to continue providing monthly monitoring reports on the status of the steel industry through the period ending March 31, 1992. These reports should generally follow the format of, and contain the same type of information as, the reports which the Commission has been providing under investigation no. 332-226. As you know, the purpose of these reports has been to provide the Committee with factual information for use in overseeing the implementation of the steel voluntary restraint (VRA) program. The original VRA program, and therefore our request for monthly reports, was for the period ending September 30, 1989.

In light of the fact that President Bush has authorized the negotiation of transitional VRA's for an additional two-and-one-half years, and the Congress enacted legislation to provide for the enforcement of VRA's until March 31, 1992, the Committee on Ways and Means would like to continue receiving the monthly steel reports for the duration of the transitional VRA's.

Thank you for your cooperation in this matter.

Sincerely yours,

Dan Rostenkowski
Chairman



A handwritten signature in black ink, appearing to read "Dan Rostenkowski". Below the signature, the name "Dan Rostenkowski" is printed in a smaller, sans-serif font, followed by "Chairman" in a slightly smaller font.

DR/jn

6:1d 9 DEC 69

GEN

Appendix B

**Notice of Continuation of Investigation No. 332-226 in the
Federal Register**

the order, *viz.*, a previous denial of entry, no longer existed.

This action is taken under the authority of section 337 of the Tariff Act of 1930 (19 U.S.C. 1337). The provisions of 19 CFR 211.57(b) with respect to serving notice on all former parties to Inv. No. 337-TA-278 and allowing a period of 30 days for the filing of answers were waived by the Commission in accordance with 19 CFR 201.4(b).

By order of the Commission.

Issued: December 28, 1989.

Kenneth R. Mason,
Secretary.

[FR Doc. 90-197 Filed 1-3-90; 8:45 am]

BILLING CODE 7020-02-04

[Investigation No. 701-TA-301
(Preliminary)]

Plastic Tubing Corrugators From Canada

Determination

On the basis of the record¹ developed in the subject investigation, the Commission determines,² pursuant to section 703(a) of the Tariff Act of 1930 (19 U.S.C. 1871b(a)), that there is no reasonable indication that an industry in the United States is materially injured, or is threatened with material injury, or the establishment of an industry in the United States is materially retarded, by reason of imports from Canada of plastic tubing corrugators, provided for in subheadings 8477.30.00 and 8477.40.00 of the Harmonized Tariff Schedule of the United States (formerly provided for in items 678.3535 and 678.3545 of the Tariff Schedules of the United States), that are alleged to be subsidized by the Government of Canada.

Background

On November 7, 1989, a petition was filed with the Commission and the Department of Commerce by Cullom Machine Tool & Die, Inc., Cleveland, TN, alleging that an industry in the United States is materially injured by reason of subsidized imports of plastic tubing corrugators and apparatus therefrom from Canada. Accordingly, effective November 7, 1989, the Commission instituted preliminary countervailing duty investigation No. 701-TA-301 (Preliminary).

Notice of the institution of the Commission's investigation and of a

public conference to be held in connection therewith was given by posting copies of the notice in the Office of the Secretary, U.S. International Trade Commission, Washington, DC, and by publishing the notice in the Federal Register of November 15, 1989 (54 F.R. 47583). The conference was held in Washington, DC, on November 28, 1989, and all persons who requested the opportunity were permitted to appear in person or by counsel.

The Commission transmitted its determination in this investigation to the Secretary of Commerce on December 22, 1989. The views of the Commission are contained in USITC publication 2246 (December 1989), entitled "Plastic Tubing Corrugators from Canada: Determination of the Commission in Investigation No. 701-TA-301 (Preliminary) Under the Tariff Act of 1930, Together With the Information Obtained in the Investigation."

By order of the Commission.

Issued: December 28, 1989.

[FR Doc. 90-203 Filed 1-3-90; 8:45 am]

BILLING CODE 7020-02-04

[332-226]

Monthly Reports on the Status of the Steel Industry

AGENCY: United States International Trade Commission.

ACTION: Continuation of investigation and monthly reports.

FOR FURTHER INFORMATION CONTACT: Mr. Robert Mascola (202-252-1428), Minerals and Metals Division, U.S. International Trade Commission, Washington, DC 20436.

Background

As requested in a letter received on December 6, 1989, from the Chairman, Committee on Ways and Means, U.S. House of Representatives, the Commission will continue investigation No. 332-226, and will furnish to the Committee monthly reports on the status of the steel industry through March 31, 1992. This coincides with the President's program of transitional voluntary restraint agreements (VRAs).

As requested by the Committee, the reports will continue to follow the format of, and contain the same type of information as, the reports which the Commission has heretofore provided. The reports will provide historic and current year-to-date data for the industry as a whole on items such as production, employment, shipments, trade, and financial performance.

With respect to trade, information on imports of major carbon and specialty steel products (such as plate and wire) will be provided on a country-by-country basis or regional basis for each of the countries or regions subject to VRAs, and for other major suppliers. The data will show how imports of semifinished steel and other steel products relate to overall VRA limits.

In addition, information on market penetration in major products will be provided, as will information which will track imports into five major U.S. customs regions. Finally, the report will provide data on the unit values of imported steel.

Notice of institution of the investigation and of the initial series of reports was published in the Federal Register on April 23, 1988 (51 FR 15390).

Hearing impaired individuals are advised that information on this matter can be obtained by contacting our TDD terminal on (202) 252-1810

By order of the Commission.

Issued: December 29, 1989.

Kenneth R. Mason,
Secretary.

[FR Doc. 90-195 Filed 1-3-90; 8:45 am]

BILLING CODE 7020-02-04

[Investigation No. 337-TA-290]

Certain Wire Electrical Discharge Machining Apparatus and Components Thereof; Commission Decision Not To Review an Initial Determination Terminating Two Respondents on the Basis of a Consent Order; Issuance of Consent Order

AGENCY: U.S. International Trade Commission.

ACTION: Notice.

SUMMARY: Notice is hereby given that the U.S. International Trade Commission has determined not to review an initial determination (ID) (Order No. 8) issued by the presiding administrative law judge (ALJ) granting a joint motion for termination of the investigation with respect to respondents Maruka Machinery Co., Ltd. and Maruka Machinery Corporation of America.

FOR FURTHER INFORMATION CONTACT: Craig L. McKee, Esq., Office of the General Counsel, U.S. International Trade Commission, 500 E Street, SW., Washington, DC 20436, telephone 202-252-1117. Hearing-impaired individuals are advised that information on this matter can be obtained by contacting the Commission TDD terminal on 202-252-1810.

¹ The record is defined in § 207.2(h) of the Commission's Rules of Practice and Procedure (19 CFR 207.2(h)).

² Chairman Brunsdale and Vice Chairman Case dissenting.

Appendix C

USTR 12 December 1989 Press Release on Results of Negotiations

OFFICE OF THE UNITED STATES
TRADE REPRESENTATIVE
EXECUTIVE OFFICE OF THE PRESIDENT
WASHINGTON
20506

FOR IMMEDIATE RELEASE
December 12, 1989

89-69
Contact: Torie Clarke
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(202) 395-3230

AMBASSADOR HILLS ANNOUNCES RESULTS OF
STEEL NEGOTIATIONS

The U.S. Trade Representative Carla A. Hills announced today the results of negotiations under the President's Steel Trade Liberalization Program announced July 25, 1989. This Program has resulted in the successful negotiation of bilateral agreements with all major steel trading countries to open their markets and eliminate the major government subsidies that distort competition. The United States has also entered into Voluntary Restraint Arrangements (VRAs) with 16 countries and the European Community, extending for a transitional period of two and one-half years an import restraint program begun in 1984. These VRAs will terminate, pursuant to the President's program, on March 31, 1992.

"The bilateral agreements restricting trade distorting practices are the cornerstone of the President's program to seek a consensus to address the causes rather than the symptoms affecting world trade in steel," Hills said. "These agreements include commitments by countries to prohibit subsidies for steel

production as well as to keep markets open for steel. They also incorporate a binding arbitration mechanism that will provide quick and effective remedies if countries violate those commitments."

Bilateral agreements (called "Bilateral Consensus Agreements") have been concluded with the European Community, Japan, South Korea, Brazil, Mexico, Australia, and Trinidad and Tobago. These countries account for more than 90 percent of steel imports from countries included in the VRA Program. Negotiations are continuing on bilateral consensus agreements with several additional countries, including: Austria, Finland, and Yugoslavia.

The bilateral consensus agreements include prohibitions against a broad range of government supports for the steel industry, including export and domestic subsidies. In addition, countries have committed to open their markets through the elimination of non-tariff measures, including the phase-out of all quota programs, and, in some cases, further tariff reductions. Moreover, they have agreed to work in the on-going Uruguay Round of Multilateral Trade Negotiations toward the establishment of agreed rules of fair play prohibiting steel subsidies, as well as further reduction and elimination of tariffs.

"The United States now will work aggressively to incorporate into the Uruguay Round the strong rules and prohibitions contained in the bilateral consensus agreements," Hills said. "With the cooperation that our trading partners have already shown, we believe that these agreements will be the building blocks for progress in the Round on eliminating trade distorting subsidies and opening markets. Accordingly, these agreements enhance the prospects for completing these aspects of the Uruguay Round on schedule by December 1990."

In addition, Ambassador Hills announced that negotiations are completed with the European Community and the other 16 countries that have Voluntary Restraint Arrangements. Negotiations for VRAs have been completed with Australia, Austria, Brazil, Czechoslovakia, East Germany, the European Community, Finland, Hungary, Japan, South Korea, Mexico, the Peoples Republic of China, Poland, Romania, Trinidad and Tobago, Venezuela, and Yugoslavia.

"In renegotiating voluntary restraint arrangements, we and other countries have recognized the need to provide a transition to a free market for both foreign and domestic producers, while we implement an international consensus to eliminate trade distorting practices. Furthermore, the renewed VRAs have been successful in balancing both the needs of steel producers and

consumers for adequate supplies of steel mill products," Ambassador Hills said.

President Bush announced his program on July 25, 1989. At that time, he directed the U.S. Trade Representative to negotiate VRAs at an overall restraint level of 18.4 percent. In order to provide incentives for countries to eliminate trade distorting practices and in order to respond to concerns of steel consumers for adequate supplies of raw materials, the President authorized up to an additional one percent import penetration annually that would be available to countries that enter into bilateral consensus agreements.

As a result of the negotiations, the restraint levels for steel mill products will increase to a 19.10 percent share of domestic consumption in the first year of the new VRA program. This includes the incentives awarded to countries that reached bilateral consensus agreements. Additional increases in restraint levels have been authorized for subsequent years for countries that have entered into such bilateral agreements. Furthermore, renegotiation of VRAs resulted in some redistribution of restraint levels among countries to ensure that those ceilings are better utilized. In addition, the renegotiated VRAs will permit greater quantities of semifinished steel and specialty steel to be imported. The short supply

mechanism also has been improved to provide determinations within 30 days, and in some cases 15 days, of the filing of short supply petitions.

The extension of VRAs for two and one-half years should provide U.S. steel producers sufficient time for the industry to complete their modernization. In renegotiating the VRAs, USTR paid particular attention to sensitive sectors, such as oil country tubular goods, where market conditions have deteriorated.

The "Steel Trade Liberalization Program Implementation Act," H.R. 3275, passed the full House of Representatives October 3, 1989 and similar legislation was passed by the Senate on November 22, 1989. The President will sign the legislation into law this week.

"I greatly appreciate the bipartisan support that the Senate and the House of Representatives have shown for the Program," Hills stated. "This law demonstrates the commitment of both the Administration and Congress to end trade distorting practices in steel and to return to a free, open and truly competitive global market for steel."

STEEL TRADE LIBERALIZATION PROGRAM

Fact Sheet

United States Trade Representative Carla A. Hills announced today the results of negotiations over the past few months under the President's Steel Trade Liberalization Program, established on July 25, 1989. Negotiations have been successful in achieving:

- o Bilateral consensus agreements with the major market-oriented countries to remove trade distorting practices; and,
- o An extension of Voluntary Restraint Arrangements (VRAs) with all countries with previous VRAs, except South Africa.

Bilateral Consensus Agreements

Bilateral consensus agreements were concluded with most of the major steel trading countries -- the European Economic Community, Japan, South Korea, Brazil, and Mexico -- as well as with Australia, and Trinidad and Tobago. The bilateral agreements concluded thus far account for over 90 percent of the steel imports from VRA countries. Negotiations also are continuing with other market oriented countries on bilateral consensus agreements.

Bilateral consensus agreements are the first step in the President's program to negotiate an international consensus to eliminate trade distorting practices in the steel sector. With the conclusion of these bilateral consensus agreements, the United States will focus its efforts on incorporating the obligations and disciplines in the GATT through the Uruguay Round of Multilateral Trade Negotiations. Those negotiations are scheduled to be completed by December 1990.

Although each bilateral agreement varies, they incorporate the following general obligations and disciplines:

- o A prohibition against future subsidies and other forms of government supports specifically provided to the steel industry.
- o A prohibition against the establishment or reinstatement of any non-tariff measure.
- o Commitments to eliminate subsidies and to reduce and eliminate tariffs within the Uruguay Round.

- o A dispute settlement provision involving binding arbitration when a violation of the agreement occurs. Remedies include increases or decreases in restraint levels and additional duties.

Details of individual agreements will be available once negotiations are concluded with remaining countries.

Renegotiation of Voluntary Restraint Arrangements (VRAs)

Negotiations on the extension of VRAs have been completed with Australia, Austria, Brazil, Czechoslovakia, East Germany, the European Community, Finland, Hungary, Japan, South Korea, Mexico, the Peoples Republic of China, Poland, Romania, Trinidad and Tobago, Venezuela, and Yugoslavia. All Voluntary Restraint Arrangements terminate on March 31, 1992.

The President established an overall restraint level ceiling for VRA countries of 18.4 percent import penetration plus an additional one percent bonus as an incentive for the bilateral consensus agreements. The overall negotiated restraint level for all VRA countries is 19.1 percent for the first year and 20.1 percent for 1991, which includes allocation of some of the incentive to those countries that entered into bilateral consensus agreements. The remainder of the incentive will be available for other countries that negotiate bilateral consensus agreements and for supporting U.S. efforts on steel in the Uruguay Round. Individual restraint levels are listed in the attached table. Additional data will be available once final agreements with all countries have been formally executed.

In renegotiating voluntary restraint arrangements, the concerns of steel consumers were taken into account. In addition to increases in restraint levels resulting from countries accepting bilateral consensus agreements, the negotiations reallocated restraint levels from non-users to users. For example, Japan's overall restraint level declined, reflecting low shipments in recent years, and that of the EC remained roughly the same. Conversely, restraint levels were increased for Mexico and South Korea which more fully utilized their restraint levels. Furthermore, overall restraint levels were increased for certain products of concern to steel consumers, such as semi-finished steel and specialty steel.

The needs of producers were also taken into account. The VRAs will provide two and one-half years for the U.S. domestic steel industry to continue its modernization program. In addition, overall restraint levels for oil country tubular goods were decreased in recognition of the adverse market conditions for that product.

Appendix D

**Definitions of Certain Terms, and Descriptions of the Products
Subject to the Investigation**

DEFINITIONS

1. Steel.--An alloy of iron and carbon which is malleable as first cast and which contains by weight 2 percent or less of carbon. Steel may contain other elements, but iron must predominate, by weight, over each of the other elements.

2. Carbon steel.--Steel, other than chromium, which contains by weight 2 percent or less of carbon, and in which none of the elements listed below meets or exceeds the quantity, by weight, respectively indicated:

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

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

(i) Stainless steel.--Any alloy steel which contains by weight 1.2 percent or less of carbon and 10.5 percent or more of chromium, with or without other elements.

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

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

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

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

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

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

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

9. Semifinished products include:

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

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

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

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

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

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

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

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

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

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

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

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

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

(i) Plates.--Flat rolled products with a thickness equal to or exceeding 4.75 mm. Plates are included in AISI product group No. 6

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

(B) Alloy plate; provided for in items 7225.30.3000, 7225.40.1015, 7225.40.3000, 7225.50.6000, 7226.91.5000 of the HTS.

(C) Stainless steel plate; provided for in items 7219.11.0000, 7219.12.0000, 7219.12.0030, 7219.12.0060, 7219.12.0080, 7219.21.0000, 7219.22.0000, 7219.31.0010, 7220.11.0000 of the HTS.

(ii) Sheets and strip.--Flat rolled products less than 4.75 mm in thickness. Sheet has a width equal to or exceeding 600 mm; strip width is less than 600 mm (but at least 10 times the thickness). Sheets and strip are included in AISI product group Nos. 28, 29, 29A, 30, 31, 32, 33A, 33B, 34, 325, 36, and 37. For the purposes of this investigation, sheets and strip are classified as follows:

(A) Hot-rolled carbon and alloy sheet; provided for in items 7208.13.1000, 7208.13.5000, 7208.14.1000, 7208.14.5000, 7208.23.1000, 7208.23.5030, 7208.23.5090, 7208.24.1000, 7208.24.5030, 7208.24.5090, 7208.34.1000, 7208.34.5000, 7208.35.1000, 7208.35.5000, 7208.44.0000, 7208.45.0000, 7225.30.5030, 7225.40.5030, 7225.30.7000, 7225.40.7000, 7225.91.1030 of the HTS.

(B) Hot-rolled carbon and alloy strip; provided for in items 7211.19.1000, 7211.19.5000, 7211.29.1000, 7211.29.3000, 7211.29.5000, 7211.29.7030, 7211.29.7060, 7211.29.7090, 7226.91.3030, 7226.91.7000, 7226.91.8000 of the HTS.

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

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

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

(c) Other sheet; provided for in items 7209.11.0000, 7209.12.0030, 7209.12.0090, 7209.13.0030, 7209.13.0090, 7209.14.0030, 7209.14.0090, 7209.21.0000, 7209.22.0000, 7209.23.0000, 7209.24.5000, 7209.31.0000, 7209.32.0000, 7209.33.0000, 7209.34.0000, 7209.41.0000, 7209.42.0000, 7209.43.0000, 7209.44.0000, 7210.70.3000, 7225.50.1030, 7225.50.7000, 7225.50.8000 of the HTS.

(d) Other strip; provided for in items 7211.30.1030, 7211.30.1090, 7211.30.3000, 7211.30.5000, 7211.41.1000, 7211.41.3030, 7211.41.3090, 7211.41.5000, 7211.41.7030, 7211.41.7060, 7211.41.7090, 7211.49.1030, 7211.49.1090, 7211.49.3000, 7211.49.5030, 7211.49.5060, 7211.49.5090, 7212.40.1000, 7212.40.5000, 7226.92.1030, 7226.92.3030, 7226.92.5000, 7226.92.7000, 7226.92.8000, 7226.99.0000 of the HTS.

(D) Galvanized sheet and strip; provided for in items 7210.31.0000, 7210.39.0000, 7210.41.0000, 7210.49.0030, 7210.49.0090, 7210.70.6030, 7210.70.6060, 7212.21.0000, 7212.29.0000, 7212.30.1030, 7212.30.1090, 7212.30.3000, 7212.30.5000 of the HTS.

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

(F) Tin free; provided for in item 7210.50.0000 of the HTS.

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

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

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

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

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

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

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

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

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

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

(iii) Cold-formed carbon bars; provided for in items 7215.10.0000, 7215.20.0000, 7215.30.0000, 7215.40.0000 7215.90.3000, 7215.90.5000 of the HTS, and included in AISI product group No. 16.

(iv) Cold-formed alloy bars; provided for in items 7228.20.5000, 7228.50.5000, 7228.60.8000 of the HTS, and included in AISI product group No. 16.

(v) Reinforcing carbon and certain alloy steel bars; which are hot-rolled steel bars, of solid cross section, having deformations of various patterns on their surfaces; provided for in items 7213.10.0000, 7214.20.0000 of the HTS, and included in AISI product group No. 15.

(vi) Light structural shapes; which are bar-size light shapes having a cross-sectional dimension of less than 7.62 cm provided for in items 7216.10.0010, 7216.10.0050, 7216.21.0000, 7216.22.0000, 7228.70.3060, 7228.70.3080 of the HTS, and included in AISI product group No. 14A.

(vii) Stainless steel bars and shapes; provided for in items 7221.00.0060, 7221.00.0080, 7222.10.0000, 7222.20.0030, 7222.20.0060, 7222.30.0000, 7222.40.3060, 7222.40.3080 of the HTS.

12. Wire rod and related products include:

(i) Wire rods.--Coiled, semifinished, hot-rolled products of solid cross section, approximately round in cross section, not under 14mm nor over 19mm in diameter. Wire rods are included in AISI product group No. 3.

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

(A) Carbon steel wire rod; provided for in items 7213.31.3000, 7213.31.6000, 7213.39.0030, 7213.39.0090, 7213.41.3000, 7213.41.6000, 7213.49.0030, 7213.49.0090, 7213.50.0020, 7213.50.0040, 7213.50.0080 of the HTS.

(B) Alloy steel wire rod; provided for in items 7227.90.1030, 7227.90.2030, 7228.30.2000, 7228.50.1010, 7228.60.1030 of the HTS.

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

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

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

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

(B) Alloy steel wire; provided for in items 7229.20.0000, 7229.90.1000, 7229.90.5015, 7229.90.5030, 7229.90.5050, 7229.90.9000 of the HTS.

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

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

(A) Nails and brads, spikes, staples, and tacks are fasteners, of one piece construction, made of round wire, and not including thumb tacks, staples in strip form, corrugated fasteners, glaziers' points, hook nails, ring nails, or fasteners suitable for use in power-actuated hand tools; as provided for in items 7317.00.1000, 7317.00.5505, 7317.00.5510, 7317.00.5520, 7317.00.5530, 7317.00.5540, 7317.00.5550, 7317.00.5560, 7317.00.5570, 7317.00.5580, 7317.00.5590, 7317.00.7500, 8305.20.0000 of the HTS. Nails and staples, are included in AISI product group No. 51 (pt.).

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

(C) Wire expanded metal, grill and fencing include whether or not galvanized wholly of round wire with a maximum cross-sectional diameter of 3 mm or more, having a mesh size of 100 cm³ or more, whether or not such wire is covered with plastics; as provided for in items 7314.20.0000, 7314.30.1000, 7314.30.5000, 7314.41.0000, 7314.42.0000, 7314.49.3000, 7314.49.6000, 7314.50.0000 of the HTS. The products are included in AISI product group No. 50.

(D) Baling wire and ties, with or without buckles or fastenings and whether or not coated with paint or other substance; as provided for in item 7326.20.0010 of the HTS and included in AISI product group No. 53.

(E) Wire strand is two or more wires which together constitute one of the parts which are twisted together to form rope, cord, or cordage, suitable for fencing purposes, not fitted with fittings, not made up into articles, not of brass plated wire, not covered with nonmetallic material, as provided for in items 7312.10.1030, 7312.10.1050, 7312.10.1060, 7312.10.1070, 7312.10.3005, 7312.10.3015, 7312.10.3020, 7312.10.3065, 7312.10.3075, 7312.10.3080, 7312.10.3090 of the HTS. Wire strand is included in AISI product group No. 41.

(F) Wire ropes, cables, and cordage are products made by the twisting of a number of wire strands and are not covered with nonmetallic material, not fitted with fittings, not made up into articles, and, if valued 13 cents or more per pound, not of brass plated wire; as provided for in items 7312.10.6000, 7312.10.9030, 7312.10.9060, 7312.10.9090 of the HTS. Wire ropes, cables, and cordage are included in AISI product group No. 47.

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

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

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

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

(i) Rails are hot-rolled steel products, whether punched or not punched, weighing not less than 8 pounds per yard, with cross-sectional shapes intended for carrying wheel loads in railroad, railway, and crane runway applications; as provided for in items 7302.10.10, 7302.10.1015, 7302.10.1020, 7302.10.1025, 7302.10.1035, 7302.10.1040, 7302.10.1045, 7302.10.0055, 7302.10.1060, 7302.10.1065, 7302.10.1075, 7302.10.1080, 7302.10.5000, 7302.10.5020, 7302.10.5040, 7302.10.5060 of the HTS. Rails are included in AISI product group Nos. 7, 8 and 41.

(ii) Joint bars are hot-rolled steel products, usually punched or slotted, designed to connect the ends of adjacent rails in track; tie plates are hot-rolled steel products which are punched to provide holes for spikes and have one or two shoulder sections as rail guides and are used to support rails in track, to maintain track gauge, and protect the ties; all the foregoing, as provided for in items 7302.20.0000, 7302.30.0000, 7302.40.0000, 7302.90.0000 of the HTS. Joint bars and tie plates are included in AISI product group Nos. 9 and 42.

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

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

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

(i) Oil country tubular goods, provided for in items 7304.20.1000, 7304.20.2000, 7304.20.3000, 7304.20.4000, 7304.20.5010, 7304.20.5050, 7304.20.6010, 7304.20.6050, 7304.20.7000, 7304.20.8000, 7305.20.2000, 7305.20.4000, 7305.20.6000, 7305.20.8000, 7306.20.1030, 7306.20.1090, 7306.20.2000, 7306.20.3000, 7306.20.4000, 7306.20.6010, 7306.20.6050, 7306.20.8010, 7306.20.8050 of the HTS. Oil country tubular goods are included in AISI product group No. 19.

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

(iii) Mechanical pipe; provided for in items 7304.31.3000, 7304.31.6050, 7304.39.0050, 7304.39.0075, 7304.51.0000, 7304.51.5090, 7304.59.1000, 7304.59.6000, 7304.59.8000, 7304.90.5000, 7304.90.7000, 7306.30.1000, 7306.30.5015, 7306.30.5020, 7306.30.5035, 7306.3.5060, 7306.30.5075, 7306.50.1000, 7306.50.5030, 7306.50.5050, 7306.50.5070, 7306.60.5000, 7306.60.7000 of the HTS. Mechanical pipe is included in AISI product group 21A.

(iv) Structural pipe; provided for in items 7304.90.1000, 7304.90.3000, 7305.31.2000, 7305.31.4000, 7305.31.6000, 7306.30.3000, 7306.50.3000, 7306.60.1000, 7306.60.3000 of the HTS. Structural pipe is included in AISI product category 22A.

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

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

(vii) Other, including standard; provided for in items 7304.39.0010, 7304.39.0015, 7304.39.0025, 7304.39.0030, 7304.39.0040, 7304.39.0060, 7304.39.0070, 7304.39.0090, 7305.39.1000, 7305.39.5000, 7305.90.1000, 7305.90.5000, 7306.30.5025, 7306.30.5028, 7306.30.5030, 7306.30.5032, 7306.30.5040, 7306.30.5050, 7306.30.5055, 7306.30.5065, 7306.30.5070, 7306.30.5080, 7306.30.5085, 7306.30.5090, 7306.90.1000, 7306.90.5000 of the HTS. Other, including standard pipe is included in AISI product categories 18, 21E and 22B.

16. Alloy tool steel (all forms) provided for in items 7224.10.0030, 7224.90.0010, 7224.90.0020, 7224.90.0030, 7225.20.0000, 7225.30.1000, 7225.30.5060, 7225.40.1090, 7225.40.5060, 7225.50.1060, 7226.20.0000, 7226.91.1060, 7226.91.3060, 7226.92.1060, 7226.92.3060, 7227.10.0000, 7227.90.1060, 7227.90.2060, 7228.10.0010, 7228.10.0030, 7228.10.0060, 7228.30.4000, 7228.30.6000, 7228.50.1020, 7228.50.1040, 7228.50.1060, 7228.50.1080, 7228.60.1060, 7229.10.0000 of the HTS.

Alloy tool steel is included in AISI product group No. 17. Please refer to Notes section on page xi for further explanation.

Appendix E

December VRA Signatories' Ceilings Tables Based on Apparent
Consumption Forecasts of DRI (as available)

A U S T R I A

February 1990 Forecast of Initial Period U.S. Apparent Consumption of
 Arrangement Products Subject to Export Licensing
 Reflects Initial Period of Fifteen Months
 (Metric Tons)

Categories	Apparent Consumption Forecast for		Unadjusted		Flexibility	Actual to Forecasted Apparent Consumption Adjustment	Adjusted Initial Period Export
	Initial Period	Arrangement	Initial Period	Initial			
				(1,000s)	I.P.	Ceiling**	Adjustments
Flat Rolled Products	62,548	0.30%	187,643	+++	+++	+++	187,643
Stainless Bar	NA	***	312	+++	+++	+++	312
Stainless Rod	NA	***	312	+++	+++	+++	312
OCTG	1,571	1.40%	21,991	+++	+++	+++	21,991
Other Pipe and Tube	5,839	0.30%	17,518	+++	+++	+++	17,518
Other Steel Products	37,420	0.11%	41,162	+++	+++	+++	41,162
Alloy Tool Steel	97	4.00%	3,860	+++	+++	+++	3,860

* Initial Period Apparent Consumption is defined as follows:

((.25 * Forecasted 1989 Apparent Consumption) + (Forecasted 1990 Apparent Consumption))

** Minimum unadjusted ceiling for Alloy Tool Steel is 3,000 metric tons.

*** Export ceilings are fixed tonnages.

+++ Not yet available

EUROPEAN COMMUNITIES

February 1990 Forecast of Initial Period U.S. Apparent Consumption of
 Arrangement Products Subject to Export Licensing
 Reflects Initial Period of Fifteen Months*
 (Metric Tons)

Categories	Apparent Consumption Forecast for Initial Period		Unadjusted Initial Period Ceiling	Flexibility Adjustments	Actual to Forecasted Apparent Consumption Adjustment	Adjusted Initial Period Export Ceiling
	Arrangement	I.P.				
	(1,000s)**					
Semi-Finished Products	107,707	0.76%	818,571	+++	+++	818,571
Slab	NA	***	753,086	+++	NA	753,086
Plate	6,322	7.13%	450,741	+++	+++	450,741
Hot Rolled Sheet	18,428	7.29%	1,343,401	+++	+++	1,343,401
Cold Rolled Sheet	15,183	5.94%	901,885	+++	+++	901,885
Black Plate	455	12.84%	58,454	+++	+++	58,454
Cold Rolled Strip	744	5.34%	39,703	+++	+++	39,703
Electrical Sheet and Strip	560	4.98%	27,876	+++	+++	27,876
Stainless Plate	133	5.89%	7,834	+++	+++	7,834
Stainless Sheet and Strip	1,254	5.94%	74,488	+++	+++	74,488
Tin Plate	3,262	2.96%	96,548	+++	+++	96,548
Tin-Free Steel	1,086	4.22%	45,829	+++	+++	45,829
Other Coated Flat Rolled Products	15,121	4.51%	681,968	+++	+++	681,968
Electrogalvanized	NA	***	170,492	+++	NA	170,492
Rebar	5,992	0.09%	5,393	+++	+++	5,393
Hot Finished Bar	7,361	3.09%	227,447	+++	+++	227,447
Cold Finished Bar	1,647	6.63%	109,196	+++	+++	109,196
Stainless Bar	164	7.40%	12,136	+++	+++	12,136
Carbon Wire Rod	5,763	5.70%	328,477	+++	+++	328,477
Stainless Wire Rod	69	13.16%	9,015	+++	+++	9,015
Alloy Wire Rod	206	19.68%	40,492	+++	+++	40,492
Bar Shapes Under 80mm	1,546	2.48%	38,347	+++	+++	38,347
Structurals	7,021	14.15%	993,411	+++	+++	993,411
Sheet Piling	410	23.70%	97,212	+++	+++	97,212
Fabricated Structurals	NA	****	20,683	+++	NA	20,683
Stainless Wire	48	15.34%	7,287	+++	+++	7,287
Wire Strand	NA	****	62,250	+++	NA	62,250
Wire Rope	NA	****	12,250	+++	NA	12,250
Carbon/Alloy Wire	NA	****	228,250	+++	NA	228,250
Wire Products	NA	****	31,875	+++	NA	31,875
Rails	702	9.26%	65,028	+++	+++	65,028
Rail Products	NA	****	4,875	+++	NA	4,875
Total Pipe and Tube	7,410	8.82%	653,562	+++	+++	653,562
OCTG	1,571	9.00%	141,368	+++	+++	141,368
Alloy Tool Steel	97	11.02%	10,634	+++	+++	10,634
Other Specialty Steel	NA	****	15,125	+++	NA	15,125

* Initial Period Apparent Consumption is defined as follows:

((.25 * Forecasted 1989 Apparent Consumption) + (Forecasted 1990 Apparent Consumption))

** For the Semi-finished Products category, Total Basic Steel Mill Products is used.

*** Subcategory ceiling is a fixed percentage of the larger category.

**** Export ceilings are fixed tonnages.

+++ Not yet available

NA Not Applicable

J A P A N

February 1990 Forecast of Initial Period U.S. Apparent Consumption of
 Arrangement Products Subject to Export Licensing
 Reflects Initial Period of Fifteen Months*
 (Metric Tons)

Categories	Apparent Consumption Forecast for Initial Period		Unadjusted		Actual to Forecasted Apparent Consumption Adjustment	Adjusted Initial Period Export Ceiling
	(1,000s)**	I.P.	Initial Arrangement	Initial Ceiling		
	Flexibility	Adjustments				
Semi-Finished Steel	107,707	0.088%	94,782	+++	+++	94,782
Plate	6,455	0.990%	63,902	+++	+++	63,902
Sheet and Strip	56,093	5.730%	3,214,115	+++	+++	3,214,115
Cold Rolled Sheet and Strip	16,382	4.590%	751,934	+++	+++	751,934
Coated Sheet and Strip	15,121	11.690%	1,767,674	+++	+++	1,767,674
Electrogalvanized	2,714	16.390%	444,866	+++	+++	444,866
Electrical Sheet and Strip	560	6.670%	37,335	+++	+++	37,335
Tin Plate	3,262	5.790%	188,855	+++	+++	188,855
Tin-Free Steel	1,086	6.620%	71,893	+++	+++	71,893
Bar	15,000	0.600%	89,999	+++	+++	89,999
Cold Finished	1,647	2.000%	32,940	+++	+++	32,940
Stainless Bar	164	10.470%	17,171	+++	+++	17,171
Wire Rod and Wire Products	8,039	6.030%	484,752	+++	+++	484,752
Wire Rod	5,969	5.930%	353,932	+++	+++	353,932
Stainless Rod	69	10.440%	7,151	+++	+++	7,151
Structural Shapes	9,964	7.110%	708,405	+++	+++	708,405
Rail and Rail Products	987	9.560%	94,309	+++	+++	94,309
Fabricated Structural	NA	***	50,453	+++	NA	50,453
Welded H-Beams	NA	***	30,000	+++	NA	30,000
Pipe and Tube	7,410	8.650%	640,965	+++	+++	640,965
OCTG	1,571	9.660%	151,734	+++	+++	151,734
Line Pipe	1,886	15.520%	292,630	+++	+++	292,630
Structural Pipe	564	12.000%	67,620	+++	+++	67,620
Alloy Tool Steel	97	5.890%	5,684	+++	+++	5,684

* Initial Period Apparent Consumption is defined as follows:

$$(.25 * \text{Forecasted 1989 Apparent Consumption}) + (\text{Forecasted 1990 Apparent Consumption})$$

** For the Semi-finished Products category, Total Basic Steel Mill Products is used.

*** Export ceilings are fixed tonnages.

+++ Not yet available

NA Not Applicable

M E X I C O

February 1990 Forecast of Initial Period U.S. Apparent Consumption of
 Arrangement Products Subject to Export Licensing
 Reflects Initial Period of Fifteen Months*
 (Metric Tons)

Categories	Apparent Consumption			Unadjusted	Flexibility	Actual to Forecasted	Adjusted Initial Period		
	Forecast for Initial Period	Arrangement			Adjustments	Apparent Consumption Adjustment			
		(1,000s)**#	I.P.						
Semi-Finished Steel	107,707	0.24%	258,496	+++	+++	+++	258,496		
C/A Flat Rolled	41,692	0.28%	116,736	+++	+++	+++	116,736		
C/A HR Sheet and Strip	18,428	0.23%	42,384	+++	+++	+++	42,384		
C/A CR Sheet and Strip	16,382	0.19%	31,126	+++	+++	+++	31,126		
Plate	6,322	0.70%	44,252	+++	+++	+++	44,252		
Stainless Flat Rolled	1,387	0.88%	12,206	+++	+++	+++	12,206		
Coated Flat Rolled	19,469	0.67%	130,442	+++	+++	+++	130,442		
Bar and Rod	21,201	0.99%	209,887	+++	+++	+++	209,887		
Carbon CF Bar	1,357	0.53%	7,193	+++	+++	+++	7,193		
Carbon Wire Rod	5,763	2.17%	125,052	+++	+++	+++	125,052		
Stainless Bar and Rod	233	0.03%	70	+++	+++	+++	70		
Angles, Shapes, Sections/Rail and Rail Products	9,964	0.72%	71,737	+++	+++	+++	71,737		
Wire and Wire Products	2,071	3.00%	62,115	+++	+++	+++	62,115		
Wire Rope	221	2.54%	5,601	+++	+++	+++	5,601		
Wire Strand	NA	***	2,000	+++	+++	NA	2,000		
Panels and Mesh	2,023	0.86%	17,398	+++	+++	+++	17,398		
Other Wire and Wire Products and Fence	2,023	1.82%	36,819	+++	+++	+++	36,819		
Pipe and Tube	7,410	2.55%	188,955	+++	+++	+++	188,955		
OCTG	1,571	2.00%	31,415	+++	+++	+++	31,415		
Line Pipe	1,886	3.64%	68,632	+++	+++	+++	68,632		
Standard Pipe	2,092	4.21%	88,052	+++	+++	+++	88,052		
Tool Steel	97	0.31%	299	+++	+++	+++	299		

* Initial Period Apparent Consumption is defined as follows:

$$((.25 * \text{Forecasted 1989 Apparent Consumption}) + (\text{Forecasted 1990 Apparent Consumption}))$$

** For the Semi-finished Products category, Total Basic Steel Mill Products is used.

*** Export ceiling is fixed tonnage.

For the Panels and Mesh and the Other Wire and Wire Products and Fence categories, Other Wire and Wire Products is used.

+++ Not yet available

NA Not Applicable

V E N E Z U E L A

February 1990 Forecast of Initial Period U.S. Apparent Consumption of
 Arrangement Products Subject to Export Licensing
 Reflects initial Period of Fifteen Months*
 (Metric Tons)

FEB 27 1990

Categories	Apparent Consumption		Unadjusted Initial Period Arrangement	Flexibility	Actual to Forecasted Apparent Consumption Adjustment	Adjusted Initial Period Export Ceiling			
	Forecast for Initial Period (1,000s)**	I.P.							
		Ceiling							
Carbon/Alloy Flat-Rolled and									
Stainless	43,079	0.223%	96,065	+++	+++	96,065			
Coated Flat-rolled	19,469	0.195%	37,965	+++	+++	37,965			
Bar and Rod	21,201	0.358%	75,899	+++	+++	75,899			
Carbon Wire Rod	5,763	-0.339%	19,536	+++	+++	19,536			
Rebar	5,992	0.754%	45,180	+++	+++	45,180			
Pipe & Tube	7,410	0.844%	62,540	+++	+++	62,540			
OCTG	1,571	0.000%	0	+++	+++	0			
Line	1,886	2.246%	42,348	+++	+++	42,348			
Standard	2,092	0.540%	11,294	+++	+++	11,294			
Other Steel Products	12,131	0.129%	15,648	+++	+++	15,648			
Semi-Finished	107,707	0.069%	74,318	+++	+++	74,318			

* Initial Period Apparent Consumption is defined as follows:

$$((.25 * \text{Forecasted 1989 Apparent Consumption}) + (\text{Forecasted 1990 Apparent Consumption}))$$

** For the Semi-finished Products category, Total Basic Steel Mill Products is used.

+++ Not yet available

INITIAL PERIOD EXPORT CEILINGS OF SELECTED COUNTRIES
QUANTITIES IN METRIC TONS

P O L A N D

PRODUCT CATEGORY	TONS
PLATE	37,500
STAINLESS BAR	0
STAINLESS ROD	0
WIRE ROD	12,500
STRUCTURALS	37,500
WIRE AND WIRE PRODUCTS	31,250
OCTG	0
OTHER PIPE & TUBE	12,500
ALL OTHER STEEL PRODUCTS	12,060
ALLOY TOOL STEEL	440
TOTAL	143,750

E A S T G E R M A N Y

PRODUCT CATEGORY	TONS
FLAT ROLLED PRODUCTS	67,500
STAINLESS BAR	0
STAINLESS ROD	0
WIRE ROD	25,000
OCTG	0
OTHER PIPE & TUBE	7,500
ALL OTHER STEEL PRODUCTS	12,500
ALLOY TOOL STEEL	0
TOTAL	112,500

Y U G O S L A V I A

PRODUCT CATEGORY	TONS
STAINLESS BAR	500
STAINLESS ROD	1,500
WIRE AND WIRE PRODUCTS	14,000
OCTG	0
OTHER PIPE AND TUBE	11,000
OTHER STEEL PRODUCTS	23,000
ALLOY TOOL STEEL	0
TOTAL	50,000

H U N G A R Y

PRODUCT CATEGORY	TONS
FLAT ROLLED PRODUCTS	41,250
STAINLESS BAR	250
STAINLESS ROD	250
OCTG	0
ALL OTHER STEEL PRODUCTS	8,125
ALLOY TOOL STEEL	125
TOTAL	50,000

MAR 15 1990

B R A Z I L

February 1990 Forecast of Initial Period U.S. Apparent Consumption of
 Arrangement Products Subject to Export Licensing
 Reflects Initial Period of Fifteen Months*
 (Metric Tons)

Categories	Apparent Consumption Forecast for Initial Period (1,000s)**	I.P.	Unadjusted Initial Period Arrangement Ceiling	Flexibility	Actual to Forecasted Apparent Consumption Adjustment	Adjusted Initial Period Export Ceiling
Semi-Finished Products	107,707	0.914%	984,440	+++	+++	984,440
Billets	NA	***	150,000	+++	NA	150,000
Plate	6,455	1.249%	80,620	+++	+++	80,620
Hot Rolled Sheet and Strip	18,428	1.061%	195,521	+++	+++	195,521
Cold Rolled Sheet and Strip	17,636	1.015%	179,005	+++	+++	179,005
Cold Rolled Strip	744	2.870%	21,338	+++	+++	21,338
Other Sheet and Strip	20,029	0.162%	32,447	+++	+++	32,447
Tin Plate	3,262	0.145%	4,730	+++	+++	4,730
Electrical Sheet and Strip	560	0.181%	1,013	+++	+++	1,013
Electrogalvanized Sheet	2,714	0.087%	2,361	+++	+++	2,361
C/A Hot Finished Bar	13,353	1.111%	148,349	+++	+++	148,349
C/A Cold Finished Bar	1,647	0.808%	13,308	+++	+++	13,308
C/A Wire Rod	5,969	1.690%	100,868	+++	+++	100,868
Angles, Shapes, Sections	9,261	0.389%	36,026	+++	+++	36,026
Structurals	7,431	0.160%	11,889	+++	+++	11,889
Rail Products	284	2.807%	7,979	+++	+++	7,979
Wire and Wire Products	2,023	1.739%	35,180	+++	+++	35,180
Wire Strand	NA	***	4,787	+++	NA	4,787
Wire Rope	221	0.585%	1,290	+++	+++	1,290
Rails	702	0.000%	0	+++	+++	0
OCTG	NA	***	2,000	+++	NA	2,000
Line Pipe	1,886	3.523%	66,426	+++	+++	66,426
Other Pipe and Tubes	3,954	1.635%	64,644	+++	+++	64,644
Standard Pipe	2,092	2.542%	53,166	+++	+++	53,166
Structural Pipe	564	0.908%	5,117	+++	+++	5,117
Mechanical Pipe	1,103	0.645%	7,116	+++	+++	7,116
Stainless and Pressure Pipe	189	0.941%	1,781	+++	+++	1,781
Specialty Products	377	2.671%	10,056	+++	+++	10,056
Stainless Bar	164	2.464%	4,041	+++	+++	4,041
Stainless Wire Rod and Wire	116	3.204%	3,717	+++	+++	3,717
Alloy Tool Steel	97	2.346%	2,264	+++	+++	2,264

* Initial Period Apparent Consumption is defined as follows:

$$(.25 * \text{Forecasted 1989 Apparent Consumption}) + (\text{Forecasted 1990 Apparent Consumption})$$

** For the Semi-finished Products category, Total Basic Steel Mill Products is used.

*** Export ceilings are fixed tonnages.

+++ Not yet available

NA Not Applicable

A U S T R A L I A

February 1990 Forecast of Initial Period U.S. Apparent Consumption of
 Arrangement Products Subject to Export Licensing
 Reflects Initial Period of Fifteen Months*
 (Metric Tons)

MAR 15 1990

Categories	Apparent Consumption Forecast for Initial Period		Unadjusted Initial Period Arrangement	Flexibility	Actual to Forecasted Apparent Consumption Adjustment	Adjusted Initial Period Export Ceiling
	(1,000s)**	I.P.				
	Ceiling	Adjustments				
Semi-Finished Steel	107,707	0.118%	127,094	+++	+++	127,094
Coated Flat Rolled	19,469	1.015%	197,610	+++	+++	197,610
Other Flat Rolled	43,079	0.113%	48,679	+++	+++	48,679
Pipe and Tube	7,410	0.300%	22,230	+++	+++	22,230
Other Finished Steel	33,331	0.089%	29,665	+++	+++	29,665

* Initial Period Apparent Consumption is defined as follows:

((.25 * Forecasted 1989 Apparent Consumption) + (Forecasted 1990 Apparent Consumption))

** For the Semi-finished Products category, Total Basic Steel Mill Products is used.

+++ Not yet available

MAR 15 1990

T R I N I D A D A N D T O B A G O

Product Category	Net Tons
Semi-Finished Steel	24,250
Bars and Rod	111,000
Wire Rod	80,000
All Other Steel Products	4,750
Total	140,000

FINLAND

February 1990 Forecast of Initial Period U.S. Apparent Consumption of
 Arrangement Products Subject to Export Licensing
 Reflects Initial Period of Fifteen Months*
 (Metric Tons)

MAR 23 1990

Categories	Apparent Consumption Forecast for Initial Period (1,000s)**		Unadjusted Initial Period		Flexibility Adjustments	Actual to Forecasted Apparent Consumption Adjustment	Adjusted Initial Period Export Ceiling
	Arrangement	I.P.	Ceiling	Period			
Semi-Finished	107,707	0.016%	17,233	+++	+++	+++	17,233
Carbon/Alloy Flat Rolled	41,692	0.442%	184,276	+++	+++	+++	184,276
Cold Rolled Sheet	15,639	0.114%	17,828	+++	+++	+++	17,828
Cold Rolled Strip	744	0.457%	3,398	+++	+++	+++	3,398
Stainless Flat Rolled	1,387	0.978%	13,565	+++	+++	+++	13,565
Coated Flat Rolled	19,469	0.130%	25,310	+++	+++	+++	25,310
Galvanized Sheet	13,449	0.130%	17,483	+++	+++	+++	17,483
Bar and Rod	21,201	0.037%	7,844	+++	+++	+++	7,844
Carbon Cold Finished Bar	1,357	0.010%	136	+++	+++	+++	136
Wire and Wire Products	2,071	0.024%	497	+++	+++	+++	497
Pipe and Tube	7,410	0.140%	10,374	+++	+++	+++	10,374
OCTG	1,571	0.200%	3,142	+++	+++	+++	3,142
Other Steel Products	10,060	0.012%	1,207	+++	+++	+++	1,207

* Initial Period Apparent Consumption is defined as follows:

$$((.25 * \text{Forecasted 1989 Apparent Consumption}) + (\text{Forecasted 1990 Apparent Consumption}))$$

** For the Semi-finished Products category, Total Basic Steel Mill Products is used.

+++ Not yet available