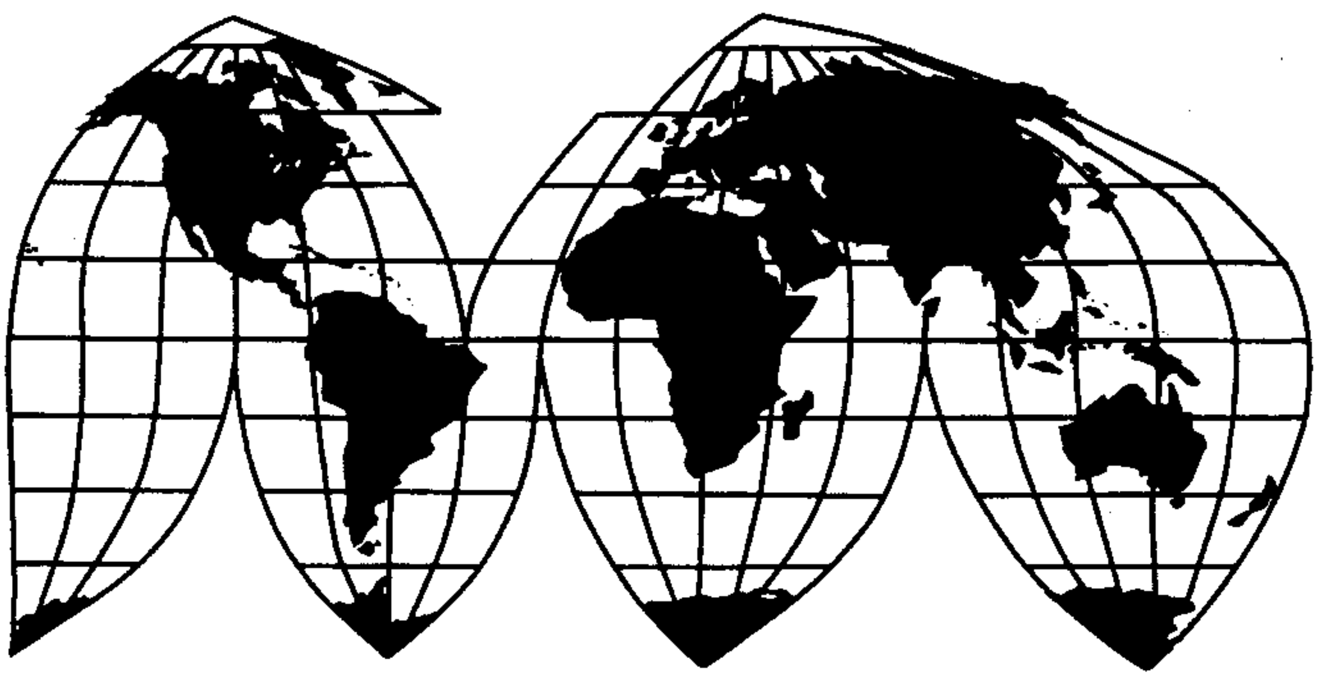
STEEL

Investigation No. TA-201-73

VOLUME III: INFORMATION OBTAINED IN THE INVESTIGATION
(STAINLESS STEEL PRODUCTS AND APPENDIXES)

Publication 3479 **December 2001**

U.S. International Trade Commission



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STAINLESS AND TOOL STEEL PRODUCTS

DESCRIPTION AND USES

The manufacture of stainless steel begins with the production of molten stainless steel in electric furnaces. The molten stainless steel is refined in an argon-oxygen-decarburization (AOD) furnace or a similar refining furnace. The first solid form of the steel produced in these facilities is either an ingot, bloom, billet, or slab. Ingots are rolled or forged into blooms, billets, or slabs. Slabs are used to produce flat-rolled products, including sheet, strip,[1] and plate,[2] while blooms and billets are used to produce long products, including bars and light shapes, wire rod, and seamless tubular products.

AOD refining facilities are usually not utilized in the production of other grades of steel.[3] Therefore, stainless steel slabs are produced by only a few steel companies that may also produce alloy steel or tool steel slabs using the same melting and casting equipment. Melt shops that produce stainless steel blooms and billets are generally of smaller scale than those used to produce stainless steel slabs and those used to produce carbon and alloy steel billets and blooms. Stainless steel bloom and billet melt shops often produce tool steel, specialized carbon and alloy steel, and a variety of nonsubject nickel-based and other alloys (often called "superalloys").

Stainless steel plate is produced either on a sheared plate mill (also called a discrete plate mill or a quarto plate mill) in which a relatively small slab, usually one that has been cut from a larger slab received from the slab casting facility, is rolled into a flat plate, or on a hot strip mill, which produces a plate in coil form which is later uncoiled, flattened, and cut to length.[4] Plate produced by these two methods has been referred to as "plate mill plate" or "discrete plate" and "CTL plate," respectively. Stainless steel plate is rolled on plate mills that are also used to produce carbon and alloy steel plate and/or tool steel plate. Finishing facilities for stainless steel plate are dedicated to the production of stainless steel. Hot strip mills used to produce CTL plate are also used to produce stainless steel sheet and strip. Alloy steel, specifically for electrical steel, is commonly rolled on the same hot strip mills as stainless steel, and some stainless steel is rolled on hot strip mills that are primarily used for the production of carbon steel sheet. Some of the mills also produce plate of other materials, such as titanium and superalloys.

Stainless steel wire rod, bars, and light shapes are rolled in bar mills. Rods are rolled on mills on which small bars are also rolled, and light shapes are rolled on larger mills. Although stainless steel rod, bar, and shapes are not usually produced by the same producers who produce carbon and alloy steel rod, bar, and shapes, a small number of producers of carbon steel light shapes produce stainless steel light shapes.[5] Large bars are also produced by forging, utilizing facilities that are also used to produce other nonsubject products. Tool steel and superalloys are commonly produced on the rolling facilities used for stainless steel. Finishing facilities are generally more specialized, with facilities used for stainless steel generally not used for other products.

Stainless steel tubular products, both welded and seamless, are generally produced on equipment dedicated to the production of stainless steel. Welded stainless steel tubular products are produced from

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[1] Stainless steel sheet and strip are not subject to this investigation.

[2] Stainless steel plate in coil form is not subject to this investigation.

[3] For example, AK Steel Corp. and Allegheny Ludlum Corp. both produce silicon electrical steel slabs on the same melting and casting facilities as those used for stainless steel. Allegheny Ludlum Corp. also produces stainless steel slabs through an agreement with Bethlehem Steel Corp. on equipment also used by Bethlehem Steel Corp. for the production of carbon and alloy steel slabs.

[4] Slabs are also rolled on hot strip mills to produce nonsubject stainless steel sheet, strip, and plate in coil form.

[5] *** have indicated in their questionnaire responses that they produce both carbon and stainless steel bar and light shape products. *** has also recently begun production of stainless steel bar and light shape products.

hot-rolled sheet or from plate, usually CTL plate, although for very large diameters CTL plate may not be available and plate mill plate would be used. Seamless tubular products are produced from billets.

Stainless steel wire is produced by drawing stainless steel wire rods. Stainless steel rope, cable, stranded wire, and wire cloth are produced from stainless steel wire.

SLABS/INGOTS

Slabs, blooms, billets, and ingots ("slabs/ingots") are the most common forms of semi-finished stainless steel. Following the production of molten steel with the desired properties, the stainless steel is cast into a form that can enter the rolling process. Two principle methods of casting are used, ingot teeming and continuous casting. To produce continuous cast products, molten steel is poured into the top of a continuous casting machine, which has a mold with an open bottom. A solid slab, bloom, or billet is slowly withdrawn from the bottom of the mold. To produce ingots, molten steel is poured into cast iron ingot molds and allowed to cool. Following solidification, the ingots are removed from the molds and placed in furnaces to allow the temperature to be equalized throughout the ingot before rolling. Ingots are then rolled into semifinished shapes similar to those produced by continuous casting.

This category includes other products of solid section that have not been further worked than primary hot-rolling or roughly shaped by forging, including tube rounds. All of these semi-finished stainless steel products are used in the production of downstream products. Slabs/ingots are provided for in the following *HTS* subheadings: 7218.10.0000, 7218.91.0015, 7218.91.0030, 7218.91.0060, 7218.99.0015, 7218.99.0030, 7218.99.0045, 7218.99.0060, and 7218.99.0090.

PLATE

The production of stainless steel CTL plate ("plate") is commonly achieved by the uncoiling of flat-rolled stainless steel and cutting it to a desired length. It may be of any shape (rectangular, circular, or other) and be produced by rolling on a sheared-plate mill or by flattening and cutting to length from a coiled plate. It may be perforated, corrugated, or polished; subjected to heat-treatment; and descaled or pickled. Plate in coil form is included if under 600 mm in width and 4.75 mm or more in thickness. Plate is used primarily for the fabrication of storage tanks, process vessels, and equipment in the chemical, dairy, restaurant, pulp and paper, pharmaceutical, and other industries where the corrosion resistance, heat resistance, or ease of maintenance of stainless steel is needed. Plate is provided for in the following *HTS* subheadings: 7219.21.0005, 7219.21.0020, 7219.21.0040, 7219.21.0060, 7219.22.0005, 7219.22.0015, 7219.22.0020, 7219.22.0025, 7219.22.0035, 7219.22.0040, 7219.22.0045, 7219.22.0070, 7219.22.0075, 7219.22.0080, 7219.31.0050, and 7220.11.0000.

BAR

Stainless steel bars ("bar") are articles of stainless steel in straight lengths having a uniform solid cross-section in the shape of circles, segments of circles, ovals, rectangles, squares, triangles, or other convex polygons. Also included are angles, shapes, and sections (such as U, I, or H sections) not further worked than hot-rolled, hot-drawn, or extruded and concrete rebar, which has indentations, ribs, grooves, or other deformations produced during the rolling process.

Bar is used in a wide variety of applications where its corrosion resistance, heat resistance, and/or appearance are desired. A nonexhaustive list of end users includes the aerospace industry, automotive industry, chemical processing industry, dairy industry, food processing industry, pharmaceutical equipment, marine applications, and pump and connectors for fluid handling systems. Bar is provided for in the following *HTS* subheadings: 7221.00.0045, 7222.11.0005, 7222.11.0050, 7222.19.0005, 7222.19.0050, 7222.20.0005, 7222.20.0045, 7222.20.0075, 7222.30.0000, 7222.40.3025, 7222.40.3045, 7222.40.3065, 7222.40.3085, and 7222.40.6000.

ROD

Stainless steel rod ("rod") is an intermediate stainless steel product that is produced in a wide variety of sizes and grades. In the industry, rod usually refers to the smallest round sections of steel that can be produced by the hot-rolling process. As an intermediate product, most rod is further drawn into stainless steel wire. Other fabricators machine rod into various downstream products, including, but not limited to, industrial fasteners, springs, medical and dental instruments, automotive parts, and welding electrodes. Rod is provided for in the following *HTS* subheadings: 7221.00.00.05, 7221.00.00.15, 7221.00.00.30, and 7221.00.00.75.

TOOL

Tool steel ("tool") has properties of high hardness and strength often at elevated temperatures. It is used to produce cutting and forming tools such as dies, molds, blades, punches, and surface areas of machinery. This investigation includes tool steel in all product forms. Tool steel is provided for in the following *HTS* subheadings: 7224.10.0045, 7224.90.0015, 7224.90.0025, 7224.90.0035, 7225.20.0000, 7225.30.1000, 7225.30.5060, 7225.40.1090, 7225.40.5060, 7225.50.1060, 7226.20.0000, 7226.91.0500, 7226.91.1560, 7226.91.2560, 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, and 7229.10.0000.

WIRE

Stainless steel wire ("wire") is produced by drawing stainless steel rods through a die or a series of dies, thereby reducing the diameter of the rod and creating wire. Wire is used in the chemical, petroleum, medical instruments, paper-pulp, and food processing industries as well as in the production of household appliances, nails, and staples. Wire is provided for in the following *HTS* subheadings: 7223.00.1015, 7223.00.1030, 7223.00.1045, 7223.00.1060, 7223.00.1075, 7223.00.5000, and 7223.00.9000.

CLOTH

Woven cloth of stainless steel wire ("cloth") is an article of stainless steel in which wire is interwoven to produce a fabric. This product is produced in flat sheets or rolls and is used to produce screens and belts needed in environments that require the corrosion or heat resistance of stainless steel. Cloth is provided for in the following *HTS* subheadings: 7314.14.1000, 7314.14.2000, 7314.14.3000, 7314.14.6000, and 7314.14.9000.

ROPE

Stainless steel rope ("rope") includes stranded wire (two or more wires twisted closely together), ropes, cables, and cordage which are not electrically insulated. Wire strand is two or more wires twisted together precisely around a center so that all the wires in the strand can move in unison in order to equally distribute load and bending stresses. Stranding machines unreel individual wires and lay them together spirally around the center to make a strand. Wire rope is essentially produced by duplicating the stranding process using wire strands instead of individual wires. Wire strands are wound together spirally around a center to produce the rope. Rope is used in applications in alkaline or acidic environments found in chemical and food-processing industries and where cleanliness and corrosion resistance are important. It is also used in marine, *e.g.*, lifelines and rigging on yachts, and aircraft applications. Rope is provided for in the following *HTS* subheadings: 7312.10.1030, 7312.10.1050, 7312.10.1070, 7312.10.6030, and 7312.10.6060.

SEAMLESS TUBULAR

Stainless steel seamless tubular products ("seamless tubular") have no joint, whether welded or not, along the longitudinal axis of the product and may be formed by several methods, including hot-rolling, hot-extrusion, deep drawing of a disc, forging, and casting. Several hot-rolling processes are typically used, including piercing, or rolling on a mandrel or a plug. The corrosion resistance of stainless steel allows these seamless tubular products greater tolerance to temperature, pressure, and corrosiveness than tubular products manufactured with carbon steel. Seamless tubular products are used in the chemical, energy, dairy, restaurant, pulp and paper, pharmaceutical, and other industries where the corrosion resistance, heat resistance, or ease of maintenance of stainless steel is needed. Seamless tubular products are provided for in the following *HTS* subheadings: 7304.41.3005, 7304.41.3015, 7304.41.3045, 7304.41.6005, 7304.41.6015, 7304.41.6045, 7304.49.0005, 7304.49.0015, 7304.49.0045, and 7304.49.0060.

WELDED TUBULAR

Stainless steel welded tubular products ("welded tubular") are produced by bending flat-rolled steel products to form a hollow product with overlapping or abutting seams. The seam is then generally fastened together by welding, although clipping, riveting, and forging are also used to fasten a seam. The seam may run either longitudinally or spirally along the length of the product. The corrosion resistance of stainless steel allows these welded tubular products greater tolerance to temperature, pressure, and corrosiveness than tubular products manufactured with carbon steel. Welded tubular products are used in pharmaceutical production lines, petrochemical stock lines, automotive paint lines, and other various processing lines such as those in breweries, paper mills, and general food facilities. Welded tubular products are provided for in the following *HTS* subheadings: 7306.40.1010, 7306.40.1015, 7306.40.1090, 7306.40.5005, 7306.40.5015, 7306.40.5040, 7306.40.5042, 7306.40.5044, 7306.40.5062, 7306.40.5064, 7306.40.5080, 7306.40.5085, 7306.40.5090, and 7306.60.7030.

FITTINGS

Flanges and fittings of stainless steel ("fittings") are generally used for connecting the bores of two or more pipes or tubes together, or for connecting a pipe or tube to some other apparatus, or for closing the tube aperture. As with the other stainless tubular products, the presence of chromium and, generally, other alloying elements in the steel allows these products greater tolerance to temperature, pressure, and corrosiveness than tubular products manufactured with carbon steel. Fittings are provided for in the following *HTS* subheadings: 7307.21.1000, 7307.21.5000, 7307.22.1000, 7307.22.5000, 7307.23.0000, 7307.29.0030, and 7307.29.0090.

U.S. PRODUCERS

Domestic producers of stainless and tool steel products that provided a response to the Commission's producers' questionnaire in this investigation are listed, by products, in table STAINLESS-1. The aggregate quantities of these producers' commercial shipments are estimated to account for the following percentages of the totals for each product category listed:[6] slabs/ingots (45-274 percent); plate (71-127 percent); bar (69-82 percent); rod (86-103 percent); tool (64-92 percent); wire (137-180 percent); seamless tubular (58-97 percent); and welded tubular (66-115 percent).[7]

Table STAINLESS-1
Stainless products: U.S. producers and 2000 production, by product

* * * * * * *

POSITIONS ON RELIEF

The Commission's questionnaire asked U.S. producers to indicate their position with regard to the granting of import relief for each of the eleven stainless product categories. The number of U.S. producers indicating their positions on relief are presented in table STAINLESS-2.

Table STAINLESS-2
Positions on relief

Product category	Support	Oppose	No position	No response	Total
Slabs/ingots	6	4	1	0	11
Plate	6	0	1	1	8
Bar	11	3	1	2	17
Rod	4	0	0	1	5
Tool	6	5	1	1	13
Wire	17	1	6	3	27
Cloth	***	***	***	***	***
Rope	4	0	0	0	4
Seamless tubular	0	5	0	0	5
Welded tubular	8	1	0	2	11
Fittings	13	1	3	0	17

Source: Compiled from data submitted in response to Commission questionnaires.

[6] The coverage figures are calculated based on publicly available data for 1996-2000 (as available) from AISI, U.S. Census BureauMA33B, and the *Preston Pipe Report*.

[7] An estimate of coverage for cloth, rope, and fittings is not presented because there are no publicly available data on those products.

QUESTION OF INCREASED IMPORTS

Data concerning U.S. imports of all stainless and tool steel products are presented in figure STAINLESS-1 and table STAINLESS-3. Data concerning U.S. imports of slabs/ingots, plate, bar, rod, tool, wire, cloth, rope, seamless tubular, welded tubular, and fittings are presented in tables STAINLESS-4 through STAINLESS-14 (data presented in table STAINLESS-3 are the sum of data presented in tables STAINLESS-4 through STAINLESS-14). Import data presented are for Canada, Mexico, and all other sources combined.[8]

Imports from Canada were among the top five sources of imports during the 1998-2000 period[9] for the following stainless and tool steel products: (1) slabs/ingots; (2) bar; (3) tool steel; (4) rope; (5) seamless tubular; (6) welded tubular; and (7) fittings. Imports from Mexico were among the top five sources of imports during the 1998-2000 period for the following stainless and tool steel products: (1) woven cloth; (2) rope; and (3) welded tubular. Imports from Canada or Mexico were not among the top five import sources for the following stainless and tool steel products: (1) CTL plate; (2) rod; and (3) wire. A complete listing of import data concerning this investigation, by individual country, may be accessed at the Commission's website (*www.usitc.gov*).

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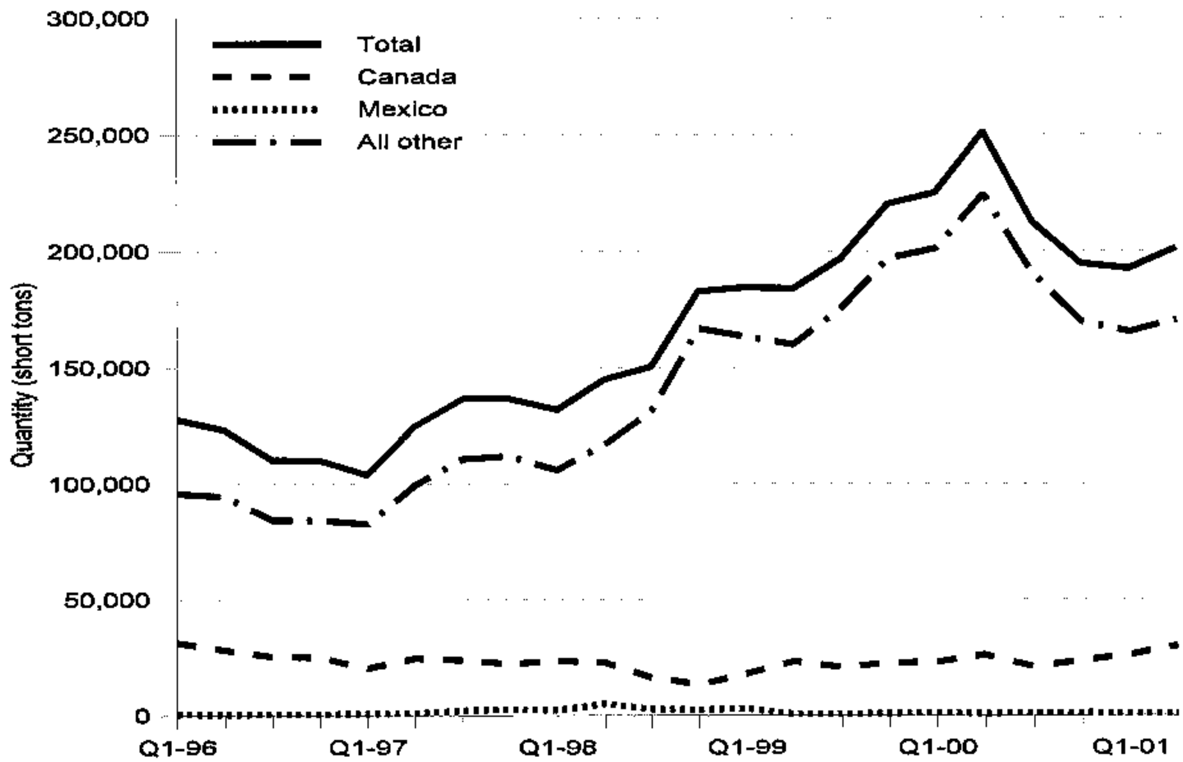
[8] Import data are overstated to the extent that basket *HTS* categories include products that were excluded from the scope of the investigation in the President's request.

[9] Imports from Canada or Mexico were determined to be in the top five during the 1998-2000 period if annual import data showed Canada or Mexico in the top five sources of imports for a given product for one or more of the years during the period.

Figure STAINLESS-1
Total stainless: U.S. imports from all sources, Canada, Mexico, and all other sources, by quarters, January 1996-June 2001



Source: Official Commerce statistics.

Table STAINLESS-3
Total stainless: U.S. imports, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
				Quantity (*tons*)			
Canada	110,212	90,971	76,339	84,993	93,839	49,146	56,241
Mexico	2,178	6,469	12,587	5,056	3,936	1,760	1,651
All other sources	358,619	404,392	521,259	695,310	785,833	425,474	335,890
Total	471,009	501,832	610,186	785,360	883,608	476,381	393,782
				Value[1] (*$1,000*)			
Canada	272,587	225,360	197,843	202,525	247,630	128,667	133,491
Mexico	9,462	14,988	19,497	25,313	32,993	17,744	18,239
All other sources	1,260,190	1,253,406	1,308,223	1,330,880	1,732,154	911,485	732,624
Total	1,542,240	1,493,755	1,525,563	1,558,718	2,012,776	1,057,896	884,354
				Unit value (*dollars per ton*)			
Canada	2,473	2,477	2,592	2,383	2,639	2,618	2,374
Mexico	4,344	2,317	1,549	5,006	8,383	10,081	11,049
All other sources	3,514	3,099	2,510	1,914	2,204	2,142	2,181
Average	3,274	2,977	2,500	1,985	2,278	2,221	2,246
				Share of quantity (*percent*)			
Canada	23.4	18.1	12.5	10.8	10.6	10.3	14.3
Mexico	0.5	1.3	2.1	0.6	0.4	0.4	0.4
All other sources	76.1	80.6	85.4	88.5	88.9	89.3	85.3
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Share of value (*percent*)			
Canada	17.7	15.1	13.0	13.0	12.3	12.2	15.1
Mexico	0.6	1.0	1.3	1.6	1.6	1.7	2.1
All other sources	81.7	83.9	85.8	85.4	86.1	86.2	82.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Ratio to U.S. production (*percent*)			
Canada	5.8	4.4	4.0	3.8	4.4	4.0	6.3
Mexico	0.1	0.3	0.7	0.2	0.2	0.1	0.2
All other sources	18.9	19.4	27.5	31.4	36.5	34.6	37.5
Total	24.9	24.0	32.1	35.4	41.1	38.7	44.0

[1] Landed, duty-paid.

Source: Compiled from official Commerce statistics.

Table STAINLESS-4
Slabs/ingots: U.S. imports, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
				Quantity (*tons*)			
Canada	66,210	42,155	34,710	36,092	44,829	22,589	31,879
Mexico	0	0	22	215	108	60	0
All other sources	46,212	41,595	144,350	308,817	298,953	161,698	119,443
Total	112,422	83,749	179,082	345,125	343,890	184,347	151,323
				Value[1] (*$1,000*)			
Canada	114,963	63,936	49,603	45,118	69,605	36,477	40,599
Mexico	0	0	30	327	116	68	0
All other sources	84,287	71,503	157,103	290,836	380,399	205,803	121,764
Total	199,250	135,439	206,735	336,282	450,119	242,348	162,363
				Unit value (*dollars per ton*)			
Canada	1,736	1,517	1,429	1,250	1,553	1,615	1,274
Mexico	(2)	(2)	1,358	1,521	1,072	1,135	(2)
All other sources	1,824	1,719	1,088	942	1,272	1,273	1,019
Average	1,772	1,617	1,154	974	1,309	1,315	1,073
				Share of quantity (*percent*)			
Canada	58.9	50.3	19.4	10.5	13.0	12.3	21.1
Mexico	0.0	0.0	0.0	0.1	0.0	0.0	0.0
All other sources	41.1	49.7	80.6	89.5	86.9	87.7	78.9
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Share of value (*percent*)			
Canada	57.7	47.2	24.0	13.4	15.5	15.1	25.0
Mexico	0.0	0.0	0.0	0.1	0.0	0.0	0.0
All other sources	42.3	52.8	76.0	86.5	84.5	84.9	75.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Ratio to U.S. production (*percent*)			
Canada	5.4	3.1	2.9	2.4	3.1	2.7	5.5
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.0
All other sources	3.8	3.0	11.9	20.4	20.4	19.1	20.6
Total	9.2	6.1	14.7	22.7	23.5	21.8	26.1

[1] Landed, duty-paid.
[2] Not applicable.

Source: Compiled from official Commerce statistics.

Table STAINLESS-5
Plate: U.S. imports, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June	
						2000	2001
Quantity (*tons*)							
Canada	400	601	181	1,989	1,101	770	215
Mexico	23	0	0	2	0	0	0
All other sources	18,900	27,164	26,767	38,219	42,714	28,116	17,475
Total	19,323	27,764	26,948	40,210	43,815	28,886	17,690
Value[1] (*$1,000*)							
Canada	844	1,076	553	2,840	2,086	1,423	346
Mexico	42	0	0	4	0	0	0
All other sources	51,137	56,612	52,617	65,083	84,961	54,588	31,760
Total	52,022	57,688	53,170	67,927	87,048	56,012	32,106
Unit value (*dollars per ton*)							
Canada	2,109	1,791	3,058	1,427	1,895	1,847	1,613
Mexico	1,831	(2)	(2)	2,347	(2)	(2)	(2)
All other sources	2,706	2,084	1,966	1,703	1,989	1,942	1,817
Average	2,692	2,078	1,973	1,689	1,987	1,939	1,815
Share of quantity (*percent*)							
Canada	2.1	2.2	0.7	4.9	2.5	2.7	1.2
Mexico	0.1	0.0	0.0	0.0	0.0	0.0	0.0
All other sources	97.8	97.8	99.3	95.0	97.5	97.3	98.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Share of value (*percent*)							
Canada	1.6	1.9	1.0	4.2	2.4	2.5	1.1
Mexico	0.1	0.0	0.0	0.0	0.0	0.0	0.0
All other sources	98.3	98.1	99.0	95.8	97.6	97.5	98.9
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Ratio to U.S. production (*percent*)							
Canada	0.3	0.5	0.1	1.7	0.9	1.1	0.3
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.0
All other sources	15.4	20.7	22.0	32.1	34.7	41.7	25.6
Total	15.7	21.2	22.1	33.8	35.6	42.8	25.9

[1] Landed, duty-paid.
[2] Not applicable.

Source: Compiled from official Commerce statistics.

Table STAINLESS-6
Bar: U.S. imports, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
				Quantity (*tons*)			
Canada	16,209	17,378	13,071	14,176	19,247	9,588	11,545
Mexico	293	340	142	74	161	116	51
All other sources	81,426	97,280	97,552	92,341	131,184	73,738	57,584
Total	97,928	114,999	110,765	106,591	150,592	83,443	69,179
				Value[1] (*$1,000*)			
Canada	39,872	43,360	35,963	32,794	42,119	21,394	25,750
Mexico	730	624	248	117	313	234	92
All other sources	250,458	262,532	248,724	204,223	302,546	163,573	141,963
Total	291,060	306,516	284,934	237,133	344,977	185,200	167,804
				Unit value (*dollars per ton*)			
Canada	2,460	2,495	2,751	2,313	2,188	2,231	2,230
Mexico	2,491	1,832	1,747	1,583	1,944	2,008	1,817
All other sources	3,076	2,699	2,550	2,212	2,306	2,218	2,465
Average	2,972	2,665	2,572	2,225	2,291	2,219	2,426
				Share of quantity (*percent*)			
Canada	16.6	15.1	11.8	13.3	12.8	11.5	16.7
Mexico	0.3	0.3	0.1	0.1	0.1	0.1	0.1
All other sources	83.1	84.6	88.1	86.6	87.1	88.4	83.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Share of value (*percent*)			
Canada	13.7	14.1	12.6	13.8	12.2	11.6	15.3
Mexico	0.3	0.2	0.1	0.0	0.1	0.1	0.1
All other sources	86.1	85.7	87.3	86.1	87.7	88.3	84.6
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Ratio to U.S. production (*percent*)			
Canada	8.6	9.7	7.5	8.6	10.7	10.1	14.1
Mexico	0.2	0.2	0.1	0.0	0.1	0.1	0.1
All other sources	43.1	54.1	55.7	56.2	73.3	77.7	70.4
Total	51.8	64.0	63.2	64.8	84.1	87.9	84.6

[1] Landed, duty-paid.

Source: Compiled from official Commerce statistics.

Table STAINLESS-7
Rod: U.S. imports, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
				Quantity (*tons*)			
Canada	44	2	1	6	42	27	0
Mexico	0	0	0	48	0	0	0
All other sources	60,459	78,262	61,438	65,829	82,302	45,620	31,365
Total	60,503	78,264	61,439	65,882	82,344	45,647	31,365
				Value[1] (*$1,000*)			
Canada	135	7	6	35	178	135	0
Mexico	0	0	0	76	0	0	0
All other sources	146,689	163,572	127,831	113,388	153,397	81,104	59,625
Total	146,824	163,579	127,837	113,500	153,575	81,239	59,625
				Unit value (*dollars per ton*)			
Canada	3,088	3,619	11,126	5,730	4,265	4,969	(2)
Mexico	(2)	(2)	(2)	1,602	(2)	(2)	(2)
All other sources	2,426	2,090	2,081	1,722	1,864	1,778	1,901
Average	2,427	2,090	2,081	1,723	1,865	1,780	1,901
				Share of quantity (*percent*)			
Canada	0.1	0.0	0.0	0.0	0.1	0.1	0.0
Mexico	0.0	0.0	0.0	0.1	0.0	0.0	0.0
All other sources	99.9	100.0	100.0	99.9	99.9	99.9	100.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Share of value (*percent*)			
Canada	0.1	0.0	0.0	0.0	0.1	0.2	0.0
Mexico	0.0	0.0	0.0	0.1	0.0	0.0	0.0
All other sources	99.9	100.0	100.0	99.9	99.9	99.8	100.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Ratio to U.S. production (*percent*)			
Canada	***	***	***	***	***	***	***
Mexico	***	***	***	***	***	***	***
All other sources	***	***	***	***	***	***	***
Total	***	***	***	***	***	***	***

[1] Landed, duty-paid.
[2] Not applicable.

Source: Compiled from official Commerce statistics.

Table STAINLESS-8
Tool: U.S. imports, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
				Quantity (*tons*)			
Canada	11,578	13,644	12,651	13,497	10,080	6,353	3,283
Mexico	61	78	1,944	2,240	72	23	0
All other sources	52,139	57,912	65,334	66,110	76,398	34,750	40,150
Total	63,779	71,633	79,930	81,847	86,550	41,126	43,433
				Value[1] (*$1,000*)			
Canada	17,044	19,003	18,483	18,084	14,246	8,922	4,793
Mexico	31	42	590	353	31	12	0
All other sources	138,182	142,355	153,883	157,316	163,304	77,459	82,371
Total	155,257	161,399	172,955	175,753	177,581	86,393	87,164
				Unit value (*dollars per ton*)			
Canada	1,472	1,393	1,461	1,340	1,413	1,404	1,460
Mexico	510	536	303	157	427	529	(2)
All other sources	2,650	2,458	2,355	2,380	2,138	2,229	2,052
Average	2,434	2,253	2,164	2,147	2,052	2,101	2,007
				Share of quantity (*percent*)			
Canada	18.2	19.0	15.8	16.5	11.6	15.4	7.6
Mexico	0.1	0.1	2.4	2.7	0.1	0.1	0.0
All other sources	81.8	80.8	81.7	80.8	88.3	84.5	92.4
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Share of value (*percent*)			
Canada	11.0	11.8	10.7	10.3	8.0	10.3	5.5
Mexico	0.0	0.0	0.3	0.2	0.0	0.0	0.0
All other sources	89.0	88.2	89.0	89.5	92.0	89.7	94.5
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Ratio to U.S. production (*percent*)			
Canada	22.3	24.6	25.9	21.3	18.9	20.3	15.6
Mexico	0.1	0.1	4.0	3.5	0.1	0.1	0.0
All other sources	100.2	104.3	133.9	104.1	143.5	111.1	190.7
Total	122.6	129.0	163.9	128.9	162.6	131.5	206.3

[1] Landed, duty-paid.
[2] Not applicable.

Source: Compiled from official Commerce statistics.

Table STAINLESS-9
Wire: U.S. imports, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
				Quantity (*tons*)			
Canada	4,267	4,420	1,817	556	310	203	165
Mexico	(1)	2	51	1	2	(1)	57
All other sources	23,057	25,488	28,862	24,208	31,028	15,843	16,264
Total	27,324	29,910	30,730	24,766	31,340	16,046	16,486
				Value[2] (*$1,000*)			
Canada	19,626	19,210	7,751	1,915	982	528	461
Mexico	2	32	119	29	30	15	200
All other sources	100,796	106,226	114,702	87,585	114,745	55,631	56,919
Total	120,425	125,467	122,572	89,529	115,757	56,174	57,580
				Unit value (*dollars per ton*)			
Canada	4,599	4,346	4,265	3,443	3,164	2,602	2,788
Mexico	367,958	17,715	2,331	21,060	18,527	194,074	3,509
All other sources	4,372	4,168	3,974	3,618	3,698	3,511	3,500
Average	4,407	4,195	3,989	3,615	3,694	3,501	3,493
				Share of quantity (*percent*)			
Canada	15.6	14.8	5.9	2.2	1.0	1.3	1.0
Mexico	0.0	0.0	0.2	0.0	0.0	0.0	0.3
All other sources	84.4	85.2	93.9	97.7	99.0	98.7	98.7
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Share of value (*percent*)			
Canada	16.3	15.3	6.3	2.1	0.8	0.9	0.8
Mexico	0.0	0.0	0.1	0.0	0.0	0.0	0.3
All other sources	83.7	84.7	93.6	97.8	99.1	99.0	98.9
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Ratio to U.S. production (*percent*)			
Canada	5.0	4.6	1.9	0.5	0.3	0.4	0.4
Mexico	0.0	0.0	0.1	0.0	0.0	0.0	0.1
All other sources	27.0	26.7	29.9	23.4	29.1	27.9	37.5
Total	31.9	31.4	31.9	23.9	29.4	28.3	38.0

[1] Less than 1,000 pounds.
[2] Landed, duty-paid.

Source: Compiled from official Commerce statistics.

Table STAINLESS-10
Cloth: U.S. imports, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
				Quantity (*tons*)			
Canada	527	655	209	49	67	10	58
Mexico	2	2,631	6,968	164	122	52	38
All other sources	5,266	7,247	6,473	5,284	6,910	3,345	3,853
Total	5,794	10,532	13,649	5,497	7,099	3,407	3,949
				Value[1] (*$1,000*)			
Canada	5,344	6,302	2,163	885	516	178	169
Mexico	48	1,291	3,712	1,148	776	442	241
All other sources	70,628	77,367	60,457	47,235	59,941	28,232	34,361
Total	76,021	84,960	66,332	49,268	61,233	28,851	34,771
				Unit value (*dollars per ton*)			
Canada	10,138	9,628	10,347	17,961	7,676	18,356	2,909
Mexico	31,064	491	533	6,989	6,375	8,447	6,400
All other sources	13,413	10,676	9,340	8,940	8,675	8,439	8,917
Average	13,120	8,067	4,860	8,962	8,626	8,468	8,804
				Share of quantity (*percent*)			
Canada	9.1	6.2	1.5	0.9	0.9	0.3	1.5
Mexico	0.0	25.0	51.0	3.0	1.7	1.5	1.0
All other sources	90.9	68.8	47.4	96.1	97.3	98.2	97.6
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Share of value (*percent*)			
Canada	7.0	7.4	3.3	1.8	0.8	0.6	0.5
Mexico	0.1	1.5	5.6	2.3	1.3	1.5	0.7
All other sources	92.9	91.1	91.1	95.9	97.9	97.9	98.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Ratio to U.S. production (*percent*)			
Canada	***	***	***	***	***	***	***
Mexico	***	***	***	***	***	***	***
All other sources	***	***	***	***	***	***	***
Total	***	***	***	***	***	***	***

[1] Landed, duty-paid.

Source: Compiled from official Commerce statistics.

Table STAINLESS-11
Rope: U.S. imports, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
				Quantity (*tons*)			
Canada	123	164	66	81	538	165	274
Mexico	123	229	260	260	515	191	211
All other sources	6,077	4,399	9,230	8,035	8,365	5,252	4,080
Total	6,323	4,791	9,557	8,376	9,418	5,609	4,566
				Value[1] (*$1,000*)			
Canada	317	465	169	264	1,127	388	504
Mexico	853	1,505	1,618	1,243	1,388	456	1,105
All other sources	23,793	24,088	31,585	29,127	32,096	18,661	15,067
Total	24,964	26,057	33,372	30,634	34,611	19,504	16,677
				Unit value (*dollars per ton*)			
Canada	2,583	2,833	2,549	3,262	2,095	2,350	1,839
Mexico	6,942	6,584	6,212	4,775	2,695	2,379	5,235
All other sources	3,915	5,476	3,422	3,625	3,837	3,553	3,693
Average	3,948	5,438	3,492	3,657	3,675	3,478	3,653
				Share of quantity (*percent*)			
Canada	1.9	3.4	0.7	1.0	5.7	2.9	6.0
Mexico	1.9	4.8	2.7	3.1	5.5	3.4	4.6
All other sources	96.1	91.8	96.6	95.9	88.8	93.6	89.4
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Share of value (*percent*)			
Canada	1.3	1.8	0.5	0.9	3.3	2.0	3.0
Mexico	3.4	5.8	4.8	4.1	4.0	2.3	6.6
All other sources	95.3	92.4	94.6	95.1	92.7	95.7	90.3
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Ratio to U.S. production (*percent*)			
Canada	***	***	***	***	***	***	***
Mexico	***	***	***	***	***	***	***
All other sources	***	***	***	***	***	***	***
Total	***	***	***	***	***	***	***

[1] Landed, duty-paid.

Source: Compiled from official Commerce statistics.

Table STAINLESS-12
Seamless tubular: U.S. imports, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
				Quantity (*tons*)			
Canada	1,761	1,450	2,029	1,708	2,062	993	1,340
Mexico	2	0	1	12	141	3	96
All other sources	30,897	28,613	38,874	36,743	39,122	20,090	19,424
Total	32,660	30,063	40,904	38,462	41,326	21,086	20,859
				Value[1] (*$1,000*)			
Canada	22,733	15,951	19,908	17,540	23,428	10,970	15,670
Mexico	12	0	4	18	354	27	1,273
All other sources	190,659	146,011	168,353	141,615	151,458	75,697	78,794
Total	213,404	161,962	188,264	159,172	175,240	86,694	95,737
				Unit value (*dollars per ton*)			
Canada	12,911	11,004	9,811	10,271	11,361	11,052	11,695
Mexico	5,414	(2)	5,725	1,521	2,503	8,328	13,310
All other sources	6,171	5,103	4,331	3,854	3,871	3,768	4,057
Average	6,534	5,387	4,603	4,138	4,240	4,111	4,590
				Share of quantity (*percent*)			
Canada	5.4	4.8	5.0	4.4	5.0	4.7	6.4
Mexico	0.0	0.0	0.0	0.0	0.3	0.0	0.5
All other sources	94.6	95.2	95.0	95.5	94.7	95.3	93.1
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Share of value (*percent*)			
Canada	10.7	9.8	10.6	11.0	13.4	12.7	16.4
Mexico	0.0	0.0	0.0	0.0	0.2	0.0	1.3
All other sources	89.3	90.2	89.4	89.0	86.4	87.3	82.3
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Ratio to U.S. production (*percent*)			
Canada	14.6	10.9	15.7	16.3	13.7	11.0	17.5
Mexico	0.0	0.0	0.0	0.1	0.9	0.0	1.3
All other sources	257.0	215.8	300.4	351.2	260.4	222.5	254.1
Total	271.6	226.7	316.1	367.6	275.0	233.5	272.9

[1] Landed, duty-paid.
[2] Not applicable.

Source: Compiled from official Commerce statistics.

Table STAINLESS-13
Welded tubular: U.S. imports, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
				Quantity (*tons*)			
Canada	7,712	9,122	10,091	14,577	13,125	7,073	6,481
Mexico	1,188	1,948	2,097	486	939	369	417
All other sources	17,708	16,626	21,226	29,779	41,344	21,231	14,781
Total	26,608	27,696	33,414	44,843	55,408	28,673	21,679
				Value[1] (*$1,000*)			
Canada	35,137	37,862	42,402	57,223	56,476	29,247	28,172
Mexico	3,845	3,846	4,229	931	2,177	864	1,040
All other sources	58,939	44,992	46,729	61,157	104,123	51,629	36,111
Total	97,921	86,700	93,359	119,312	162,776	81,741	65,323
				Unit value (*dollars per ton*)			
Canada	4,556	4,151	4,202	3,925	4,303	4,135	4,347
Mexico	3,236	1,974	2,017	1,915	2,319	2,344	2,494
All other sources	3,328	2,706	2,201	2,054	2,518	2,432	2,443
Average	3,680	3,130	2,794	2,661	2,938	2,851	3,013
				Share of quantity (*percent*)			
Canada	29.0	32.9	30.2	32.5	23.7	24.7	29.9
Mexico	4.5	7.0	6.3	1.1	1.7	1.3	1.9
All other sources	66.6	60.0	63.5	66.4	74.6	74.0	68.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Share of value (*percent*)			
Canada	35.9	43.7	45.4	48.0	34.7	35.8	43.1
Mexico	3.9	4.4	4.5	0.8	1.3	1.1	1.6
All other sources	60.2	51.9	50.1	51.3	64.0	63.2	55.3
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Ratio to U.S. production (*percent*)			
Canada	8.9	7.5	9.0	11.3	11.6	10.4	12.6
Mexico	1.4	1.6	1.9	0.4	0.8	0.5	0.8
All other sources	20.4	13.7	19.0	23.1	36.4	31.2	28.7
Total	30.7	22.8	29.9	34.8	48.8	42.2	42.1

[1] Landed, duty-paid.

Source: Compiled from official Commerce statistics.

Table STAINLESS-14
Fittings: U.S. imports, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
				Quantity (*tons*)			
Canada	1,381	1,381	1,514	2,260	2,437	1,376	999
Mexico	487	1,241	1,103	1,554	1,876	945	782
All other sources	16,477	19,807	21,151	19,947	27,513	15,790	11,470
Total	18,345	22,430	23,768	23,761	31,826	18,112	13,252
				Value[1] (*$1,000*)			
Canada	16,571	18,190	20,843	25,828	36,866	19,006	17,027
Mexico	3,900	7,649	8,948	21,067	27,809	15,627	14,288
All other sources	144,621	158,148	146,241	133,314	185,184	99,107	73,889
Total	165,092	183,986	176,032	180,208	249,858	133,739	105,203
				Unit value (*dollars per ton*)			
Canada	12,000	13,168	13,768	11,429	15,129	13,815	17,036
Mexico	8,012	6,162	8,113	13,554	14,824	16,528	18,279
All other sources	8,777	7,984	6,914	6,683	6,731	6,276	6,442
Average	8,999	8,203	7,406	7,584	7,851	7,384	7,939
				Share of quantity (*percent*)			
Canada	7.5	6.2	6.4	9.5	7.7	7.6	7.5
Mexico	2.7	5.5	4.6	6.5	5.9	5.2	5.9
All other sources	89.8	88.3	89.0	83.9	86.4	87.2	86.6
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Share of value (*percent*)			
Canada	10.0	9.9	11.8	14.3	14.8	14.2	16.2
Mexico	2.4	4.2	5.1	11.7	11.1	11.7	13.6
All other sources	87.6	86.0	83.1	74.0	74.1	74.1	70.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
				Ratio to U.S. production (*percent*)			
Canada	***	***	***	***	***	***	***
Mexico	***	***	***	***	***	***	***
All other sources	***	***	***	***	***	***	***
Total	***	***	***	***	***	***	***

[1] Landed, duty-paid.

Source: Compiled from official Commerce statistics.

QUESTION OF SERIOUS INJURY

TRADE AND EMPLOYMENT

Trade and employment data on all stainless and tool steel products provided by U.S. producers are presented in table STAINLESS-15. Trade and employment data concerning slabs/ingots, plate, bar, rod, tool, wire, cloth, rope, seamless tubular, welded tubular, and fittings are presented in tables STAINLESS-16 through STAINLESS-26, respectively (data presented in table STAINLESS-15 are the sum of data presented in tables STAINLESS-16 through STAINLESS-26).[10]

[10] Significant double-counting issues arise for some of the items presented in table STAINLESS-15 because they were calculated by summing the data reported for each of the subordinate product categories. Parties were asked to comment on the best technique to minimize the double-counting problem in their posthearing briefs. However, they offered no techniques to resolve any double-counting other than making their arguments on the basis of subordinate categories or aggregations of sub-categories.

Table STAINLESS-15
Total stainless: U.S. producers' capacity, production, shipments, inventories, and employment data, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June	
						2000	2001
				Quantity (*tons*)			
Capacity	2,585,296	2,605,407	2,595,590	2,901,164	2,963,416	1,502,830	1,521,445
Production	1,894,140	2,089,348	1,898,100	2,216,578	2,151,058	1,229,378	895,262
Internal consumption	1,244,195	1,282,832	1,231,745	1,319,165	1,407,846	832,142	543,261
U.S. commercial shipments	627,640	724,936	667,839	845,279	741,710	405,661	338,623
U.S. shipments	1,871,834	2,007,768	1,899,584	2,164,444	2,149,556	1,237,803	881,885
Export shipments	54,980	71,830	42,078	26,368	27,282	14,728	14,578
Total shipments	1,926,814	2,079,598	1,941,662	2,190,812	2,176,838	1,252,531	896,463
Ending inventories	168,985	201,352	195,442	220,952	201,326	214,057	178,233
				Value (*$1,000*)			
Internal consumption	1,908,461	1,834,605	1,623,871	1,419,821	1,790,370	1,022,806	644,706
U.S. commercial shipments	2,216,481	2,216,876	1,940,615	1,915,529	2,067,667	1,114,560	921,793
U.S. shipments	4,124,942	4,051,481	3,564,486	3,335,350	3,858,037	2,137,366	1,566,499
Export shipments	122,471	147,580	107,654	82,561	101,924	55,075	53,236
Total shipments	4,247,413	4,199,061	3,672,140	3,417,911	3,959,961	2,192,441	1,619,735
				Unit value (*dollars per ton*)			
Internal consumption	1,534	1,430	1,318	1,076	1,272	1,229	1,187
U.S. commercial shipments	3,540	3,065	2,912	2,269	2,792	2,752	2,727
U.S. shipments	2,205	2,019	1,878	1,542	1,796	1,728	1,778
Export shipments	2,227	2,055	2,558	3,131	3,736	3,739	3,652
Total shipments	2,206	2,021	1,893	1,561	1,820	1,751	1,808
				Ratios and shares (*percent*)			
Capacity utilization	71.9	78.4	71.6	74.9	71.3	80.5	57.5
U.S. shipments to distributors	37.6	38.8	40.9	32.5	30.1	31.1	33.8
U.S. shipments to end users	62.4	61.2	59.1	67.5	69.9	68.9	66.2
Inventories/total shipments	8.8	9.7	10.1	10.1	9.2	8.5	9.9
				Employment data			
PRWs (*number*)	8,496	8,596	8,067	7,737	7,866	7,954	7,279
Hours worked (*1,000*)	17,911	18,341	16,839	16,235	16,651	8,695	7,301
Wages paid (*$1,000*)	326,430	337,574	310,157	307,791	313,688	169,069	136,987
Hourly wages	$18.65	$18.84	$18.85	$19.25	$19.12	$19.72	$19.06
Productivity (*tons/1,000 hours*)	72.0	78.4	74.4	89.2	88.5	96.4	85.0
Unit labor costs (*per ton*)	$253.48	$235.00	$248.05	$212.81	$213.10	$201.94	$220.77

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-16

Slabs/ingots: U.S. producers' capacity, production, shipments, inventories, and employment data, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
				Quantity (*tons*)			
Capacity	1,542,538	1,541,538	1,506,980	1,725,300	1,760,400	890,700	887,720
Production	1,222,320	1,368,041	1,216,302	1,517,287	1,461,922	846,586	580,415
Internal consumption	1,107,197	1,137,555	1,093,343	1,183,766	1,278,690	761,686	486,519
U.S. commercial shipments	116,193	176,434	146,713	312,973	208,858	112,957	88,454
U.S. shipments	1,223,390	1,313,989	1,240,056	1,496,739	1,487,548	874,643	574,973
Export shipments	34,269	45,394	18,022	2,984	1,992	1,534	584
Total shipments	1,257,659	1,359,383	1,258,078	1,499,723	1,489,540	876,177	575,557
Ending inventories	36,741	45,389	23,580	41,044	13,389	42,419	18,121
				Value (*$1,000*)			
Internal consumption	1,434,123	1,343,494	1,164,748	1,014,331	1,371,559	802,411	457,570
U.S. commercial shipments	186,647	248,724	181,114	328,068	284,930	159,391	101,265
U.S. shipments	1,620,770	1,592,218	1,345,862	1,342,399	1,656,489	961,802	558,835
Export shipments	39,487	49,311	17,360	2,652	3,396	1,950	1,147
Total shipments	1,660,257	1,641,529	1,363,222	1,345,051	1,659,885	963,752	559,982
				Unit value (*dollars per ton*)			
Internal consumption	1,295	1,181	1,065	857	1,073	1,053	940
U.S. commercial shipments	1,606	1,410	1,234	1,048	1,364	1,411	1,145
U.S. shipments	1,325	1,212	1,085	897	1,114	1,100	972
Export shipments	1,152	1,086	963	889	1,705	1,271	1,964
Total shipments	1,320	1,208	1,084	897	1,114	1,100	973
				Ratios and shares (*percent*)			
Capacity utilization	77.6	86.4	78.7	85.9	81.4	93.4	63.8
U.S. shipments to distributors	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.S. shipments to end users	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Inventories/total shipments	2.9	3.3	1.9	2.7	0.9	2.4	1.6
				Employment data			
PRWs (*number*)	310	354	285	329	374	396	339
Hours worked (*1,000*)	557	640	429	584	692	370	286
Wages paid (*$1,000*)	14,071	16,373	11,080	17,331	20,504	11,035	8,557
Hourly wages	$25.25	$25.58	$25.82	$29.68	$29.63	$29.81	$29.92
Productivity (*tons/1,000 hours*)	1,117.2	1,133.5	1,349.3	1,295.2	1,147.2	1,243.3	1,091.0
Unit labor costs (*per ton*)	$22.60	$22.57	$19.14	$22.91	$25.83	$23.98	$27.43

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-17
Plate: U.S. producers' capacity, production, shipments, inventories, and employment data, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
				Quantity (*tons*)			
Capacity	220,938	198,892	209,915	226,915	222,915	121,457	121,457
Production	122,876	131,115	121,864	118,955	123,103	67,475	68,221
Internal consumption	4,753	2,658	1,071	1,179	784	364	702
U.S. commercial shipments	110,764	118,814	114,442	112,456	112,581	60,366	58,061
U.S. shipments	115,517	121,472	115,513	113,635	113,365	60,730	58,763
Export shipments	6,480	6,292	7,329	6,916	7,000	3,384	5,389
Total shipments	121,997	127,764	122,842	120,551	120,365	64,114	64,152
Ending inventories	21,238	24,666	23,688	22,374	24,850	25,093	30,344
				Value (*$1,000*)			
Internal consumption	12,243	6,697	2,305	2,312	1,717	858	1,499
U.S. commercial shipments	333,566	320,169	274,304	246,114	287,802	154,938	140,334
U.S. shipments	345,809	326,866	276,609	248,426	289,519	155,796	141,833
Export shipments	18,467	17,179	15,870	12,011	17,112	7,999	10,074
Total shipments	364,276	344,045	292,479	260,437	306,631	163,795	151,907
				Unit value (*dollars per ton*)			
Internal consumption	2,576	2,520	2,152	1,961	2,191	2,357	2,135
U.S. commercial shipments	3,012	2,695	2,397	2,189	2,556	2,567	2,417
U.S. shipments	2,994	2,691	2,395	2,186	2,554	2,565	2,414
Export shipments	2,850	2,730	2,165	1,737	2,445	2,364	1,869
Total shipments	2,986	2,693	2,381	2,160	2,548	2,555	2,368
				Ratios and shares (*percent*)			
Capacity utilization	55.3	64.8	57.2	51.8	54.4	55.1	54.5
U.S. shipments to distributors	84.9	78.1	76.6	75.3	73.4	72.6	71.8
U.S. shipments to end users	15.1	21.9	23.4	24.7	26.6	27.4	28.2
Inventories/total shipments	17.4	19.3	19.3	18.6	20.6	19.6	23.7
				Employment data			
PRWs (*number*)	840	806	795	731	743	746	709
Hours worked (*1,000*)	1,826	1,841	1,658	1,663	1,574	778	610
Wages paid (*$1,000*)	31,690	32,178	28,848	33,380	25,751	15,187	11,080
Hourly wages	$22.35	$22.69	$22.71	$23.51	$19.42	$23.22	$22.43
Productivity (*tons/1,000 hours*)	66.9	70.0	72.4	70.7	77.1	85.9	108.6
Unit labor costs (*per ton*)	$261.61	$252.13	$244.11	$288.64	$215.00	$230.87	$168.17

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-18
Bar: U.S. producers' capacity, production, shipments, inventories, and employment data, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
	Quantity (*tons*)						
Capacity	298,852	298,627	299,217	312,097	315,397	156,849	160,249
Production	189,073	179,664	175,171	164,376	179,090	94,890	81,750
Internal consumption	45,433	52,281	51,358	49,706	50,404	27,812	22,096
U.S. commercial shipments	133,239	127,113	118,157	109,155	123,178	65,066	62,090
U.S. shipments	178,672	179,394	169,515	158,861	173,582	92,878	84,186
Export shipments	5,767	5,672	6,390	6,062	7,413	3,742	3,193
Total shipments	184,439	185,066	175,905	164,923	180,995	96,620	87,379
Ending inventories	26,423	20,637	21,130	21,302	19,392	19,435	14,894
	Value (*$1,000*)						
Internal consumption	178,556	196,890	184,742	172,428	190,118	99,692	86,433
U.S. commercial shipments	536,848	464,730	417,523	327,906	417,649	213,323	215,179
U.S. shipments	715,404	661,620	602,265	500,334	607,767	313,015	301,612
Export shipments	21,178	24,447	27,191	26,239	35,583	20,477	18,890
Total shipments	736,582	686,067	629,456	526,573	643,350	333,492	320,502
	Unit value (*dollars per ton*)						
Internal consumption	3,930	3,766	3,597	3,469	3,772	3,585	3,912
U.S. commercial shipments	4,029	3,656	3,534	3,004	3,391	3,279	3,466
U.S. shipments	4,004	3,688	3,553	3,150	3,501	3,370	3,583
Export shipments	3,672	4,310	4,255	4,328	4,800	5,472	5,916
Total shipments	3,994	3,707	3,578	3,193	3,555	3,452	3,668
	Ratios and shares (*percent*)						
Capacity utilization	63.0	59.8	57.8	52.1	55.8	59.5	49.6
U.S. shipments to distributors	50.7	47.8	49.0	46.5	47.5	47.7	51.1
U.S. shipments to end users	49.3	52.2	51.0	53.5	52.5	52.3	48.9
Inventories/total shipments	14.3	11.2	12.0	12.9	10.7	10.1	8.5
	Employment data						
PRWs (*number*)	2,297	2,214	2,125	1,854	1,941	1,901	1,793
Hours worked (*1,000*)	5,078	4,921	4,646	3,976	4,208	2,141	1,871
Wages paid (*$1,000*)	107,684	108,453	102,278	88,163	96,777	50,330	42,009
Hourly wages	$21.21	$22.04	$22.01	$22.17	$23.00	$23.51	$22.45
Productivity (*tons/1,000 hours*)	37.1	36.3	37.2	40.9	41.8	43.6	42.5
Unit labor costs (*per ton*)	$571.88	$606.99	$591.55	$542.69	$549.94	$539.10	$528.88
Source: Compiled from data submitted in response to Commission questionnaires.							

Table STAINLESS-19
Rod: U.S. producers' capacity, production, shipments, inventories, and employment data, 1996-2000, January-June 2000, and January-June 2001

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Table STAINLESS-20
Tool: U.S. producers' capacity, production, shipments, inventories, and employment data, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
				Quantity (*tons*)			
Capacity	75,206	75,206	79,684	90,163	91,263	45,632	46,432
Production	52,020	55,523	48,782	63,476	53,242	31,285	21,058
Internal consumption	8,285	9,987	10,673	14,095	12,592	6,818	5,113
U.S. commercial shipments	43,399	44,892	38,807	43,091	41,055	23,243	16,652
U.S. shipments	51,684	54,879	49,480	57,186	53,647	30,061	21,765
Export shipments	292	682	726	772	1,496	761	759
Total shipments	51,976	55,561	50,206	57,958	55,143	30,822	22,524
Ending inventories	16,059	15,841	14,202	19,457	17,932	20,787	16,744
				Value (*$1,000*)			
Internal consumption	51,940	59,449	66,292	68,997	61,263	32,956	28,569
U.S. commercial shipments	188,454	196,612	169,312	165,039	161,728	87,762	67,133
U.S. shipments	240,394	256,061	235,604	234,036	222,991	120,718	95,702
Export shipments	2,109	4,416	4,385	4,533	6,869	3,577	3,916
Total shipments	242,503	260,477	239,989	238,569	229,860	124,295	99,618
				Unit value (*dollars per ton*)			
Internal consumption	6,269	5,953	6,211	4,895	4,865	4,834	5,588
U.S. commercial shipments	4,342	4,380	4,363	3,830	3,939	3,776	4,032
U.S. shipments	4,651	4,666	4,762	4,093	4,157	4,016	4,397
Export shipments	7,219	6,475	6,037	5,869	4,592	4,696	5,159
Total shipments	4,666	4,688	4,780	4,116	4,168	4,033	4,423
				Ratios and shares (*percent*)			
Capacity utilization	63.8	66.8	56.4	66.6	54.5	63.9	42.5
U.S. shipments to distributors	55.1	54.9	52.2	55.8	54.1	56.9	52.3
U.S. shipments to end users	44.9	45.1	47.8	44.2	45.9	43.1	47.7
Inventories/total shipments	30.9	28.5	28.3	33.6	32.5	33.7	37.2
				Employment data			
PRWs (*number*)	671	645	647	723	722	762	608
Hours worked (*1,000*)	1,409	1,382	1,376	1,584	1,636	930	731
Wages paid (*$1,000*)	31,201	32,784	29,331	34,648	33,713	20,624	14,169
Hourly wages	$22.15	$23.73	$21.31	$21.87	$20.61	$22.17	$19.37
Productivity (*tons/1,000 hours*)	34.1	36.4	32.6	37.9	30.4	31.3	27.0
Unit labor costs (*per ton*)	$650.35	$652.63	$652.86	$577.03	$678.18	$707.68	$718.62

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-21
Wire: U.S. producers' capacity, production, shipments, inventories, and employment data, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
Quantity (*tons*)							
Capacity	139,524	142,461	138,280	151,695	157,242	78,810	77,580
Production	85,551	95,305	96,413	103,484	106,457	56,698	43,347
Internal consumption	469	1,414	1,138	1,227	2,196	1,014	653
U.S. commercial shipments	83,359	92,843	93,309	100,984	102,556	54,952	43,280
U.S. shipments	83,828	94,257	94,447	102,211	104,752	55,966	43,933
Export shipments	1,359	1,382	1,378	1,277	1,607	887	791
Total shipments	85,187	95,639	95,825	103,488	106,359	56,853	44,724
Ending inventories	31,218	50,464	67,415	66,688	71,313	50,589	46,271
Value (*$1,000*)							
Internal consumption	2,553	4,365	3,675	3,596	5,322	2,531	2,188
U.S. commercial shipments	317,650	330,465	318,825	300,701	306,733	163,721	131,140
U.S. shipments	320,203	334,830	322,500	304,297	312,055	166,252	133,328
Export shipments	6,630	6,824	6,574	6,229	7,126	3,741	3,217
Total shipments	326,833	341,654	329,074	310,526	319,181	169,993	136,545
Unit value (*dollars per ton*)							
Internal consumption	5,443	3,087	3,229	2,931	2,423	2,496	3,351
U.S. commercial shipments	3,811	3,559	3,417	2,978	2,991	2,979	3,030
U.S. shipments	3,820	3,552	3,415	2,977	2,979	2,971	3,035
Export shipments	4,876	4,937	4,771	4,878	4,434	4,217	4,067
Total shipments	3,837	3,572	3,434	3,001	3,001	2,990	3,053
Ratios and shares (*percent*)							
Capacity utilization	61.3	66.6	69.3	67.8	67.2	71.4	55.4
U.S. shipments to distributors	20.0	19.8	21.4	20.2	20.4	20.8	18.7
U.S. shipments to end users	80.0	80.2	78.6	79.8	79.6	79.2	81.3
Inventories/total shipments	36.6	52.8	70.4	64.4	67.0	44.5	51.7
Employment data							
PRWs (*number*)	1,119	1,097	1,056	1,022	1,017	1,021	935
Hours worked (*1,000*)	2,332	2,310	2,184	2,133	2,124	1,094	930
Wages paid (*$1,000*)	34,996	35,357	33,242	31,191	30,480	15,787	13,593
Hourly wages	$15.01	$15.30	$15.22	$14.62	$14.35	$14.42	$14.62
Productivity (*tons/1,000 hours*)	36.7	41.1	43.9	48.2	49.7	51.4	46.2
Unit labor costs (*per ton*)	$409.07	$372.63	$346.95	$303.30	$288.49	$280.43	$316.19

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-22
Cloth: U.S. producers' capacity, production, shipments, inventories, and employment data, 1996-2000, January-June 2000, and January-June 2001

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Table STAINLESS-23
Rope: U.S. producers' capacity, production, shipments, inventories, and employment data, 1996-2000, January-June 2000, and January-June 2001

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Table STAINLESS-24
Seamless tubular: U.S. producers' capacity, production, shipments, inventories, and employment data, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
	Quantity (*tons*)						
Capacity	17,582	19,506	20,587	22,709	27,913	14,102	14,680
Production	12,023	13,262	12,940	10,462	15,025	9,031	7,645
Internal consumption	0	0	0	0	129	23	359
U.S. commercial shipments	9,897	10,636	9,911	7,526	10,939	5,721	3,842
U.S. shipments	9,897	10,636	9,911	7,526	11,068	5,744	4,201
Export shipments	2,006	2,439	2,945	2,799	3,018	1,569	1,651
Total shipments	11,903	13,075	12,856	10,325	14,086	7,313	5,852
Ending inventories	469	547	552	606	1,747	2,479	2,793
	Value (*$1,000*)						
Internal consumption	0	0	0	0	503	90	1,316
U.S. commercial shipments	76,607	73,596	68,356	48,474	77,335	39,732	30,236
U.S. shipments	76,607	73,596	68,356	48,474	77,838	39,822	31,552
Export shipments	14,269	15,104	16,773	14,514	14,809	7,513	7,967
Total shipments	90,876	88,700	85,129	62,988	92,647	47,335	39,519
	Unit value (*dollars per ton*)						
Internal consumption	(1)	(1)	(1)	(1)	3,899	3,913	3,666
U.S. commercial shipments	7,740	6,920	6,897	6,441	7,070	6,945	7,870
U.S. shipments	7,740	6,920	6,897	6,441	7,033	6,933	7,511
Export shipments	7,113	6,193	5,695	5,185	4,907	4,788	4,826
Total shipments	7,635	6,784	6,622	6,101	6,577	6,473	6,753
	Ratios and shares (*percent*)						
Capacity utilization	68.4	68.0	62.9	46.1	53.8	64.0	52.1
U.S. shipments to distributors	58.3	65.6	53.9	54.7	52.7	61.1	60.2
U.S. shipments to end users	41.7	34.4	46.1	45.3	47.3	38.9	39.8
Inventories/total shipments	3.9	4.2	4.3	5.9	12.4	16.9	23.9
	Employment data						
PRWs (*number*)	255	250	233	194	272	265	260
Hours worked (*1,000*)	508	522	482	389	586	311	264
Wages paid (*$1,000*)	7,444	7,597	7,495	6,485	9,480	4,700	4,244
Hourly wages	$14.65	$14.55	$15.55	$16.67	$16.18	$15.11	$16.08
Productivity (*tons/1,000 hours*)	23.7	25.4	26.8	26.9	25.6	29.0	29.0
Unit labor costs (*per ton*)	$619.15	$572.84	$579.21	$619.86	$630.95	$520.43	$555.13

[1] Not applicable.

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-25
Welded tubular: U.S. producers' capacity, production, shipments, inventories, and employment data, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
				Quantity (*tons*)			
Capacity	137,369	177,339	188,418	193,554	206,487	102,774	110,774
Production	86,658	121,214	111,813	128,983	113,430	67,956	51,441
Internal consumption	1,311	3,490	2,805	3,432	3,808	1,925	1,623
U.S. commercial shipments	84,801	107,623	103,459	116,419	103,542	61,196	50,255
U.S. shipments	86,112	111,113	106,264	119,851	107,350	63,121	51,878
Export shipments	2,989	7,535	3,699	4,616	4,032	2,408	1,671
Total shipments	89,101	118,648	109,963	124,467	111,382	65,529	53,549
Ending inventories	31,301	37,562	39,564	44,057	47,326	47,251	44,583
				Value (*$1,000*)			
Internal consumption	531	5,470	4,030	6,920	7,438	3,343	3,036
U.S. commercial shipments	339,106	361,055	316,656	325,866	358,227	200,984	162,585
U.S. shipments	339,637	366,525	320,686	332,786	365,665	204,327	165,621
Export shipments	12,201	21,395	11,359	11,934	12,924	7,681	5,320
Total shipments	351,838	387,920	332,045	344,720	378,589	212,008	170,941
				Unit value (*dollars per ton*)			
Internal consumption	405	1,567	1,437	2,016	1,953	1,737	1,871
U.S. commercial shipments	3,999	3,355	3,061	2,799	3,460	3,284	3,235
U.S. shipments	3,944	3,299	3,018	2,777	3,406	3,237	3,193
Export shipments	4,082	2,839	3,071	2,585	3,205	3,190	3,184
Total shipments	3,949	3,270	3,020	2,770	3,399	3,235	3,192
				Ratios and shares (*percent*)			
Capacity utilization	63.1	68.4	59.3	66.6	54.9	66.1	46.4
U.S. shipments to distributors	81.0	84.1	83.2	83.0	81.4	82.8	80.5
U.S. shipments to end users	19.0	15.9	16.8	17.0	18.6	17.2	19.5
Inventories/total shipments	35.1	31.7	36.0	35.4	42.5	36.1	41.6
				Employment data			
PRWs (*number*)	1,095	1,259	1,122	1,228	1,223	1,243	1,156
Hours worked (*1,000*)	2,232	2,645	2,394	2,490	2,587	1,388	1,126
Wages paid (*$1,000*)	30,475	33,257	31,833	33,576	35,671	19,259	16,257
Hourly wages	$13.65	$12.57	$13.30	$13.48	$13.79	$13.88	$14.44
Productivity (*tons/1,000 hours*)	38.8	45.8	46.7	51.8	43.8	49.0	45.7
Unit labor costs (*per ton*)	$351.67	$274.37	$284.70	$260.31	$314.48	$283.40	$316.02

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-26
Fittings: U.S. producers' capacity, production, shipments, inventories, and employment data, 1996-2000, January-June 2000, and January-June 2001

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FINANCIAL

Financial data on all stainless and tool steel products provided by U.S. producers are presented in table STAINLESS-27. Financial data concerning slabs/ingots, plate, bar, rod, tool, wire, cloth, rope, seamless tubular, welded tubular, and fittings are presented in tables STAINLESS-28 through STAINLESS-38, respectively (data presented in table STAINLESS-27 are the sum of data presented in tables STAINLESS-28 through STAINLESS-38).[11]

[11] Unit values were computed for those producers providing quantities and values. Unit values for raw materials, direct labor, and other factory costs were computed for those producers providing the detail of COGS. Significant double-counting issues arise for some of the items presented in table STAINLESS-27 because they were calculated by summing the data reported for each of the subordinate product categories. Parties were asked to comment on the best technique to minimize the double-counting problem in their posthearing briefs. However, they offered no techniques to resolve any double-counting other than making their arguments on the basis of subordinate categories or aggregations of sub-categories.

Table STAINLESS-27
Total stainless: Results of operations of U.S. producers, fiscal years 1996-2000, January-June 2000, and January-June 2001

Item	Fiscal year					January-June	
	1996	1997	1998	1999	2000	2000	2001
	Quantity (*tons*)						
Net commercial sales	723,463	814,873	720,103	882,483	749,561	417,910	353,133
	Value (*$1,000*)						
Net commercial sales	2,547,435	2,515,899	2,146,283	2,159,756	2,252,210	1,223,975	1,015,791
COGS	2,186,338	2,180,455	1,897,377	1,930,562	1,995,809	1,067,942	942,271
Gross profit	361,097	335,444	248,906	229,194	256,402	156,033	73,520
SG&A expenses	184,857	191,645	186,713	180,405	189,422	92,904	89,828
Operating income or (loss)	176,240	143,799	62,193	48,789	66,980	63,129	(16,308)
Interest expense	38,171	39,958	31,274	36,438	45,140	21,932	20,662
Other (income)/expenses, net	12,863	6,031	4,889	10,456	10,522	1,772	5,461
Net income or (loss)	125,206	97,810	26,030	1,895	11,318	39,425	(42,431)
Depreciation/amortization	73,413	79,042	80,345	84,773	86,157	44,742	44,549
Cash flow	198,619	176,852	106,375	86,668	97,475	84,167	2,118
Capital expenditures	126,656	125,889	202,093	137,014	72,530	51,759	30,914
R&D expenses	8,623	10,511	9,429	9,635	9,076	4,633	4,267
	Ratio to net commercial sales (*percent*)						
COGS	85.8	86.7	88.4	89.4	88.6	87.3	92.8
Gross profit	14.2	13.3	11.6	10.6	11.4	12.7	7.2
SG&A expenses	7.3	7.6	8.7	8.4	8.4	7.6	8.8
Operating income or (loss)	6.9	5.7	2.9	2.3	3.0	5.2	(1.6)
Net income or (loss)	4.9	3.9	1.2	0.1	0.5	3.2	(4.2)
	Unit value (*dollars per ton*)						
Net commercial sales	3,505	3,070	2,961	2,433	2,990	2,915	2,862
COGS total	3,010	2,663	2,620	2,177	2,651	2,544	2,657
Raw materials	1,687	1,469	1,373	1,171	1,462	1,448	1,363
Direct labor	353	316	331	273	314	307	323
Other factory costs	1,033	940	967	743	909	812	999
Gross profit	495	407	341	256	339	370	205
SG&A expenses	253	233	256	202	250	220	252
Operating income or (loss)	242	175	85	54	89	150	(47)
Source: Compiled from data submitted in response to Commission questionnaires.							

Table STAINLESS-28
Slabs/ingots: Results of operations of U.S. producers, fiscal years 1996-2000, January-June 2000, and January-June 2001

Item	Fiscal year					January-June	
	1996	1997	1998	1999	2000	2000	2001
	Quantity (*tons*)						
Net commercial sales	150,744	220,469	164,924	315,770	210,929	114,091	88,538
	Value (*$1,000*)						
Net commercial sales	227,463	295,940	199,259	330,266	288,712	160,540	101,412
COGS	206,922	278,495	188,477	297,621	255,830	144,065	96,370
Gross profit	20,541	17,445	10,782	32,645	32,882	16,475	5,042
SG&A expenses	8,359	6,062	7,324	13,010	14,603	7,083	7,220
Operating income or (loss)	12,182	11,383	3,458	19,635	18,279	9,392	(2,178)
Interest expense	3,484	4,812	2,989	4,066	4,324	2,110	1,927
Other (income)/expenses, net	3,369	674	(1,515)	(1,911)	(1,407)	(790)	(228)
Net income or (loss)	5,329	5,897	1,984	17,480	15,362	8,072	(3,877)
Depreciation/amortization	3,170	3,798	3,008	5,759	5,873	2,947	3,714
Cash flow	8,499	9,695	4,992	23,239	21,235	11,019	(163)
Capital expenditures	3,539	3,904	9,409	6,223	5,309	2,747	835
R&D expenses	710	961	839	1,315	1,230	595	616
	Ratio to net commercial sales (*percent*)						
COGS	91.0	94.1	94.6	90.1	88.6	89.7	95.0
Gross profit	9.0	5.9	5.4	9.9	11.4	10.3	5.0
SG&A expenses	3.7	2.0	3.7	3.9	5.1	4.4	7.1
Operating income or (loss)	5.4	3.8	1.7	5.9	6.3	5.9	(2.1)
Net income or (loss)	2.3	2.0	1.0	5.3	5.3	5.0	(3.8)
	Unit value (*dollars per ton*)						
Net commercial sales	1,509	1,342	1,208	1,046	1,369	1,407	1,145
COGS total	1,373	1,263	1,143	943	1,213	1,263	1,088
Raw materials	939	856	749	662	880	912	657
Direct labor	50	47	48	72	61	63	78
Other factory costs	413	378	345	184	284	281	328
Gross profit	136	79	65	103	156	144	57
SG&A expenses	55	27	44	41	69	62	82
Operating income or (loss)	81	52	21	62	87	82	(25)
	Number of firms reporting						
Operating losses	3	4	5	4	3	2	4
Data	11	11	10	10	10	9	9

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-29
Plate: Results of operations of U.S. producers, fiscal years 1996-2000, January-June 2000, and January-June 2001

Item	Fiscal year					January-June	
	1996	1997	1998	1999	2000	2000	2001
	Quantity (*tons*)						
Net commercial sales	117,637	129,102	121,953	122,490	119,989	64,110	64,152
	Value (*$1,000*)						
Net commercial sales	348,699	349,000	288,550	265,712	309,516	166,359	149,547
COGS	296,139	303,986	261,435	238,129	272,277	146,109	137,150
Gross profit	52,560	45,014	27,115	27,583	37,240	20,250	12,397
SG&A expenses	21,048	19,696	23,564	20,290	21,907	11,243	11,378
Operating income or (loss)	31,512	25,318	3,551	7,293	15,333	9,007	1,019
Interest (income)/expense, net	835	221	107	(389)	(214)	(72)	(208)
Other (income)/expenses, net	(198)	(244)	(87)	(267)	(76)	4	28
Net income or (loss)	30,875	25,341	3,531	7,949	15,623	9,075	1,199
Depreciation/amortization	8,196	8,368	8,642	7,568	8,778	4,702	5,052
Cash flow	39,071	33,709	12,173	15,517	24,401	13,777	6,251
Capital expenditures	10,304	6,916	3,630	2,164	2,655	863	2,208
R&D expenses	0	500	0	35	63	32	32
	Ratio to net commercial sales (*percent*)						
COGS	84.9	87.1	90.6	89.6	88.0	87.8	91.7
Gross profit	15.1	12.9	9.4	10.4	12.0	12.2	8.3
SG&A expenses	6.0	5.6	8.2	7.6	7.1	6.8	7.6
Operating income or (loss)	9.0	7.3	1.2	2.7	5.0	5.4	0.7
Net income or (loss)	8.9	7.3	1.2	3.0	5.0	5.5	0.8
	Unit value (*dollars per ton*)						
Net commercial sales	2,964	2,703	2,366	2,169	2,580	2,595	2,331
COGS total	2,517	2,355	2,144	1,944	2,269	2,279	2,138
Raw materials	1,666	1,569	1,308	1,109	1,415	1,402	1,279
Direct labor	273	234	241	268	287	320	259
Other factory costs	598	571	614	584	586	581	612
Gross profit	447	349	222	225	310	316	193
SG&A expenses	179	153	193	166	183	175	177
Operating income or (loss)	268	196	29	60	128	140	16
	Number of firms reporting						
Operating losses	1	0	2	2	1	1	3
Data	6	6	6	6	6	6	6

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-30
Bar: Results of operations of U.S. producers, fiscal years 1996-2000, January-June 2000, and January-June 2001

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Table STAINLESS-31
Rod: Results of operations of U.S. producers, fiscal years 1996-2000, January-June 2000, and January-June 2001

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Table STAINLESS-32
Tool: Results of operations of U.S. producers, fiscal years 1996-2000, January-June 2000, and January-June 2001

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Table STAINLESS-33
Wire: Results of operations of U.S. producers, fiscal years 1996-2000, January-June 2000, and January-June 2001

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Table STAINLESS-34
Cloth: Results of operations of U.S. producers, fiscal years 1996-2000, January-June 2000, and January-June 2001

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Table STAINLESS-35
Rope: Results of operations of U.S. producers, fiscal years 1996-2000, January-June 2000, and January-June 2001

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Table STAINLESS-36
Seamless tubular: Results of operations of U.S. producers, fiscal years 1996-2000, January-June 2000, and January-June 2001

Item	Fiscal year					January-June	
	1996	1997	1998	1999	2000	2000	2001
	Quantity (*tons*)						
Net commercial sales	11,903	13,072	12,856	10,325	14,086	7,313	5,852
	Value (*$1,000*)						
Net commercial sales	90,876	88,700	85,129	62,988	92,647	47,335	39,519
COGS	80,257	79,540	73,805	57,227	83,629	41,928	37,565
Gross profit	10,619	9,160	11,324	5,761	9,018	5,407	1,954
SG&A expenses	3,993	3,955	3,981	3,631	4,674	2,370	2,543
Operating income or (loss)	6,626	5,205	7,343	2,130	4,344	3,037	(589)
Interest expense	1,101	761	639	537	815	445	375
Other (income)/expenses, net	(75)	236	466	515	128	8	253
Net income or (loss)	5,600	4,208	6,238	1,078	3,401	2,584	(1,217)
Depreciation/amortization	5,290	5,409	5,542	5,428	6,003	2,959	3,356
Cash flow	10,890	9,617	11,780	6,506	9,404	5,543	2,139
Capital expenditures	1,861	1,586	2,923	2,689	8,145	3,805	1,965
R&D expenses	0	20	50	30	50	25	30
	Ratio to net commercial sales (*percent*)						
COGS	88.3	89.7	86.7	90.9	90.3	88.6	95.1
Gross profit	11.7	10.3	13.3	9.1	9.7	11.4	4.9
SG&A expenses	4.4	4.5	4.7	5.8	5.0	5.0	6.4
Operating income or (loss)	7.3	5.9	8.6	3.4	4.7	6.4	(1.5)
Net income or (loss)	6.2	4.7	7.3	1.7	3.7	5.5	(3.1)
	Unit value (*dollars per ton*)						
Net commercial sales	7,635	6,785	6,622	6,101	6,577	6,473	6,753
COGS total	6,743	6,085	5,741	5,543	5,937	5,733	6,419
Raw materials	4,398	3,935	3,654	3,197	3,532	3,448	3,513
Direct labor	1,140	1,068	1,082	1,065	1,046	997	1,076
Other factory costs	1,204	1,082	1,005	1,281	1,360	1,288	1,830
Gross profit	892	701	881	558	640	739	334
SG&A expenses	335	303	310	352	332	324	435
Operating income or (loss)	557	398	571	206	308	415	(101)
	Number of firms reporting						
Operating losses	1	1	0	2	2	1	3
Data	4	4	4	4	5	5	5

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-37
Welded tubular: Results of operations of U.S. producers, fiscal years 1996-2000, January-June 2000, and January-June 2001

Item	Fiscal year					January-June	
	1996	1997	1998	1999	2000	2000	2001
	Quantity (*tons*)						
Net commercial sales	93,593	101,956	98,058	108,648	92,338	54,411	47,684
	Value (*$1,000*)						
Net commercial sales	368,803	349,207	300,017	316,635	336,900	191,792	156,649
COGS	308,748	292,800	269,133	272,361	287,152	157,463	143,944
Gross profit	60,055	56,407	30,884	44,274	49,748	34,329	12,705
SG&A expenses	34,843	34,044	37,550	37,438	35,008	20,067	16,255
Operating income or (loss)	25,212	22,363	(6,666)	6,836	14,740	14,262	(3,550)
Interest expense	6,627	6,669	6,179	7,850	10,111	4,673	4,331
Other (income)/expenses, net	3,044	2,516	2,773	4,507	5,674	2,179	2,582
Net income or (loss)	15,541	13,178	(15,618)	(5,521)	(1,045)	7,410	(10,463)
Depreciation/amortization	7,867	8,100	7,657	10,072	10,661	5,455	5,496
Cash flow	23,408	21,278	(7,961)	4,551	9,616	12,865	(4,967)
Capital expenditures	14,354	5,963	25,003	25,681	12,207	6,007	3,173
R&D expenses	0	0	0	0	303	0	0
	Ratio to net commercial sales (*percent*)						
COGS	83.7	83.8	89.7	86.0	85.2	82.1	91.9
Gross profit	16.3	16.2	10.3	14.0	14.8	17.9	8.1
SG&A expenses	9.4	9.7	12.5	11.8	10.4	10.5	10.4
Operating income or (loss)	6.8	6.4	(2.2)	2.2	4.4	7.4	(2.3)
Net income or (loss)	4.2	3.8	(5.2)	(1.7)	(0.3)	3.9	(6.7)
	Unit value (*dollars per ton*)						
Net commercial sales	3,940	3,425	3,060	2,914	3,649	3,525	3,285
COGS total	3,299	2,872	2,745	2,507	3,110	2,894	3,019
Raw materials	2,377	1,989	1,833	1,609	2,054	1,897	1,930
Direct labor	335	309	318	306	361	341	337
Other factory costs	410	410	406	386	436	408	455
Gross profit	642	553	315	407	539	631	266
SG&A expenses	372	334	383	345	379	369	341
Operating income or (loss)	269	219	(68)	63	160	262	(74)
	Number of firms reporting						
Operating losses	1	1	5	5	3	3	5
Data	8	8	9	10	10	10	10
Source: Compiled from data submitted in response to Commission questionnaires.							

Table STAINLESS-38
Fittings: Results of operations of U.S. producers, fiscal years 1996-2000, January-June 2000, and January-June 2001

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QUESTION OF THREAT OF SERIOUS INJURY

FOREIGN PRODUCER DATA

Total Stainless

The Commission requested information from foreign producers concerning their production, capacity, shipments, and inventories of all stainless and tool steel products. These data are presented for all non-U.S. countries, Canada, and Mexico in tables STAINLESS-39 through STAINLESS-41, respectively (data presented in table STAINLESS-39 are the sum of data for subordinate product categories presented in tables STAINLESS-42, 44, 45, 47, 48, 50, 53, 55, 56, 58, and 61; data presented in table STAINLESS-40 are similarly the sum of data presented in tables STAINLESS-43, 46, 49, 51, 54, 57, and 59; and data presented in table STAINLESS-41 are the sum of data presented in tables STAINLESS-52, 60, and 62).[12]

[12] Significant double-counting issues arise for some of the items presented in tables STAINLESS-39-41 because they were calculated by summing the data reported for each of the subordinate product categories. Parties were asked to comment on the best technique to minimize the double-counting problem in their posthearing briefs. However, they offered no techniques to resolve any double-counting other than making their arguments on the basis of subordinate categories or aggregations of sub-categories.

Table STAINLESS-39
Total stainless: All non-U.S. countries' production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Projections 2001	Projections 2002
					Quantity (*tons*)				
Production	10,351,708	11,282,315	11,198,747	10,822,720	11,805,503	6,149,456	6,013,199	10,966,814	11,687,491
Shipments: Internal consumption	4,915,306	5,209,234	5,082,428	4,992,722	5,434,801	2,805,003	2,790,004	4,210,219	4,445,598
Home market	2,724,506	3,165,959	3,153,751	3,109,812	3,378,494	1,708,734	1,792,459	3,337,814	3,363,981
Exports to– United States	423,400	372,688	412,996	443,274	560,603	303,597	272,636	496,835	482,678
All other	2,231,024	2,524,270	2,582,089	2,193,624	2,605,825	1,411,232	1,328,492	2,447,439	2,608,122
Total exports	2,654,424	2,896,957	2,995,085	2,636,899	3,166,428	1,714,830	1,601,127	2,944,274	3,090,800
Total shipments	10,294,235	11,272,150	11,231,264	10,739,433	11,979,723	6,228,566	6,183,591	10,492,307	10,900,380
Ending inventories	613,477	665,728	701,180	870,437	820,342	841,415	731,128	607,571	631,563
					Ratios and shares (*percent*)				
Inventories/total shipments	6.0	5.9	6.2	8.1	6.8	6.8	5.9	5.8	5.8
Share of total shipments: Internal consumption	47.7	46.2	45.3	46.5	45.4	45.0	45.1	40.1	40.8
Home market	26.5	28.1	28.1	29.0	28.2	27.4	29.0	31.8	30.9
Exports to– United States	4.1	3.3	3.7	4.1	4.7	4.9	4.4	4.7	4.4
All other	21.7	22.4	23.0	20.4	21.8	22.7	21.5	23.3	23.9
Total exports	25.8	25.7	26.7	24.6	26.4	27.5	25.9	28.1	28.4

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-40
Total stainless: Canada's production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Projections 2001	Projections 2002
					Quantity (*tons*)				
Production	129,515	111,505	103,975	107,021	120,495	64,131	68,323	119,856	125,649
Shipments: Internal consumption	1,027	687	560	658	427	264	506	1,014	1,055
Home market	22,394	27,831	27,573	34,989	32,381	17,806	14,545	31,164	32,664
Exports to– United States	92,678	75,663	68,485	65,895	78,997	41,188	51,021	82,216	83,208
All other	14,785	6,532	6,051	6,348	7,231	3,929	3,694	7,791	8,836
Total exports	107,463	82,195	74,536	72,243	86,228	45,118	54,715	90,007	92,044
Total shipments	130,884	110,713	102,669	107,890	119,036	63,188	69,766	122,185	125,763
Ending inventories	7,793	9,458	11,989	11,093	12,534	11,956	11,153	10,395	10,295
					Ratios and shares (*percent*)				
Inventories/total shipments	6.0	8.5	11.7	10.3	10.5	9.5	8.0	8.5	8.2
Share of total shipments: Internal consumption	0.8	0.6	0.5	0.6	0.4	0.4	0.7	0.8	0.8
Home market	17.1	25.1	26.9	32.4	27.2	28.2	20.8	25.5	26.0
Exports to– United States	70.8	68.3	66.7	61.1	66.4	65.2	73.1	67.3	66.2
All other	11.3	5.9	5.9	5.9	6.1	6.2	5.3	6.4	7.0
Total exports	82.1	74.2	72.6	67.0	72.4	71.4	78.4	73.7	73.2

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-41
Total stainless: Mexico's production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Projections 2001	Projections 2002
					Quantity (*tons*)				
Production	114,896	141,435	159,026	209,409	237,117	116,307	103,063	216,722	256,553
Shipments: Internal consumption	10	38	78	89	88	45	44	90	90
Home market	101,323	115,709	145,656	191,428	207,715	98,516	96,898	201,682	228,756
Exports to– United States	13,991	14,752	13,535	16,718	17,134	9,951	7,872	19,461	23,755
All other	745	1,213	1,598	1,724	1,524	681	653	1,894	3,070
Total exports	14,736	15,965	15,133	18,442	18,658	10,632	8,525	21,355	26,825
Total shipments	116,069	131,712	160,867	209,959	226,461	109,193	105,467	223,127	255,671
Ending inventories	5,732	15,437	13,168	12,618	23,274	19,732	20,870	16,976	17,549
					Ratios and shares (*percent*)				
Inventories/total shipments	4.9	11.7	8.2	6.0	10.3	9.0	9.9	7.6	6.9
Share of total shipments: Internal consumption	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Home market	87.3	87.9	90.5	91.2	91.7	90.2	91.9	90.4	89.5
Exports to– United States	12.1	11.2	8.4	8.0	7.6	9.1	7.5	8.7	9.3
All other	0.6	0.9	1.0	0.8	0.7	0.6	0.6	0.8	1.2
Total exports	12.7	12.1	9.4	8.8	8.2	9.7	8.1	9.6	10.5

Source: Compiled from data submitted in response to Commission questionnaires.

Slabs/Ingots

The Commission requested information from foreign producers concerning their production, capacity, shipments, and inventories of slabs and ingots. These data are presented for all non-U.S. countries and Canada in tables STAINLESS-42 and STAINLESS-43, respectively. The Commission received no useable data from foreign producers in Mexico.

Table STAINLESS-42
Slabs/ingots: All non-U.S. countries' capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Projections 2001	Projections 2002
					Quantity (*tons*)				
Capacity	6,148,950	6,367,779	6,468,188	6,674,147	6,915,074	3,481,143	3,535,419	6,322,372	6,476,695
Production	5,302,605	5,593,795	5,444,224	5,413,337	6,046,066	3,180,788	3,063,653	5,399,714	5,887,041
Shipments: Internal consumption	4,845,832	5,133,376	4,979,264	4,903,470	5,318,085	2,744,699	2,728,436	4,099,342	4,330,238
Home market	163,520	187,907	164,714	211,580	246,117	133,257	115,627	222,116	236,666
Exports to– United States	99,686	74,918	92,903	134,006	189,247	108,795	83,123	138,160	139,420
All other	170,096	198,078	171,145	148,857	233,444	130,043	118,769	274,392	363,637
Total exports	269,782	272,996	264,048	282,863	422,691	238,838	201,892	412,552	503,057
Total shipments	5,279,135	5,594,278	5,408,026	5,397,913	5,986,893	3,116,794	3,045,955	4,734,010	5,069,961
Ending inventories	169,433	160,339	144,138	144,237	190,141	187,983	199,060	183,716	190,161
					Ratios and shares (*percent*)				
Capacity utilization	82.4	84.9	81.1	76.7	82.6	85.4	81.6	79.6	83.5
Inventories/total shipments	3.2	2.9	2.7	2.7	3.2	3.0	3.3	3.9	3.8
Share of total shipments: Internal consumption	91.8	91.8	92.1	90.8	88.8	88.1	89.6	86.6	85.4
Home market	3.1	3.4	3.0	3.9	4.1	4.3	3.8	4.7	4.7
Exports to– United States	1.9	1.3	1.7	2.5	3.2	3.5	2.7	2.9	2.7
All other	3.2	3.5	3.2	2.8	3.9	4.2	3.9	5.8	7.2
Total exports	5.1	4.9	4.9	5.2	7.1	7.7	6.6	8.7	9.9

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-43
Slabs/ingots: Canada's capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

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Plate

The Commission requested information from foreign producers concerning their production, capacity, shipments, and inventories of plate products. These data are presented for all non-U.S. countries in table STAINLESS-44. The Commission received no useable data from foreign producers in Canada or Mexico.

Table STAINLESS-44
Plate: All non-U.S. countries' capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Projections 2001	Projections 2002
					Quantity (*tons*)				
Capacity	5,009,993	2,376,056	2,326,662	2,314,604	2,321,702	1,174,744	1,181,450	2,253,866	2,264,451
Production	1,796,550	1,981,922	1,831,641	1,623,335	1,882,726	940,023	959,175	1,834,428	1,829,718
Shipments: Internal consumption	4,844	5,747	6,362	5,674	8,779	3,892	5,412	10,219	10,470
Home market	1,123,282	1,391,723	1,335,143	1,207,070	1,350,619	641,233	727,322	1,446,255	1,445,354
Exports to– United States	88,696	24,428	66,764	31,538	58,031	21,824	6,694	46,768	47,989
All other	415,769	594,681	497,222	420,555	512,251	274,647	225,726	381,531	397,950
Total exports	504,465	619,109	563,985	452,093	570,282	296,471	232,420	428,299	445,939
Total shipments	1,632,591	2,016,578	1,905,490	1,664,837	1,929,680	941,596	965,154	1,884,774	1,901,763
Ending inventories	52,953	85,011	80,144	101,563	111,770	135,032	135,416	128,113	141,796
					Ratios and shares (*percent*)				
Capacity utilization	35.8	83.3	78.5	69.9	80.8	79.6	81.0	81.2	80.6
Inventories/total shipments	3.2	4.2	4.2	6.1	5.8	7.2	7.0	6.8	7.5
Share of total shipments: Internal consumption	0.3	0.3	0.3	0.3	0.5	0.4	0.6	0.5	0.6
Home market	68.8	69.0	70.1	72.5	70.0	68.1	75.4	76.7	76.0
Exports to– United States	5.4	1.2	3.5	1.9	3.0	2.3	0.7	2.5	2.5
All other	25.5	29.5	26.1	25.3	26.5	29.2	23.4	20.2	20.9
Total exports	30.9	30.7	29.6	27.2	29.6	31.5	24.1	22.7	23.4

Source: Compiled from data submitted in response to Commission questionnaires.

Bar

The Commission requested information from foreign producers concerning their production, capacity, shipments, and inventories of bar. These data are presented for all non-U.S. countries and Canada in tables STAINLESS-45 and STAINLESS-46, respectively. The Commission received no useable data from foreign producers in Mexico.

Table STAINLESS-45
Bar: All non-U.S. countries' capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Projections 2001	Projections 2002
	Quantity (*tons*)								
Capacity	978,619	1,012,021	1,033,118	1,050,682	1,081,960	547,933	556,400	1,097,208	1,107,923
Production	726,324	813,875	851,009	812,209	943,424	489,509	501,404	938,542	956,855
Shipments: Internal consumption	6,284	4,833	8,747	7,918	8,831	3,784	4,933	9,228	9,322
Home market	347,241	367,725	375,173	362,121	416,759	213,368	257,879	390,143	400,352
Exports to– United States	68,816	81,571	70,472	75,594	90,965	49,956	48,592	84,909	83,436
All other	301,213	356,400	401,656	375,955	433,749	238,534	247,108	439,076	446,003
Total exports	370,029	437,971	472,128	451,549	524,714	288,490	295,700	523,985	529,439
Total shipments	723,554	810,529	856,048	821,588	950,304	505,642	558,512	923,356	939,113
Ending inventories	88,744	97,372	103,831	110,275	114,886	99,692	96,389	95,752	91,033
	Ratios and shares (*percent*)								
Capacity utilization	74.2	80.3	82.3	77.2	87.1	89.2	90.0	85.4	86.2
Inventories/total shipments	12.3	12.0	12.1	13.4	12.1	9.9	8.6	10.4	9.7
Share of total shipments: Internal consumption	0.9	0.6	1.0	1.0	0.9	0.7	0.9	1.0	1.0
Home market	48.0	45.4	43.8	44.1	43.9	42.2	46.2	42.3	42.6
Exports to– United States	9.5	10.1	8.2	9.2	9.6	9.9	8.7	9.2	8.9
All other	41.6	44.0	46.9	45.8	45.6	47.2	44.2	47.6	47.5
Total exports	51.1	54.0	55.2	55.0	55.2	57.1	52.9	56.7	56.4

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-46
Bar: Canada's capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

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Rod

The Commission requested information from foreign producers concerning their production, capacity, shipments, and inventories of rod. These data are presented for all non-U.S. countries in table STAINLESS-47. The Commission received no useable data from foreign producers in Canada or Mexico.

Table STAINLESS-47
Rod: All non-U.S. countries' capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Projections 2001	Projections 2002
					Quantity (*tons*)				
Capacity	976,296	1,031,864	1,020,468	1,062,074	1,137,622	650,264	597,114	977,536	1,071,578
Production	691,680	863,830	836,957	885,967	959,140	517,434	490,830	714,394	767,382
Shipments: Internal consumption	44,288	50,909	59,931	58,983	78,062	40,086	40,252	69,552	72,673
Home market	345,749	404,268	413,585	392,581	434,401	228,399	233,923	348,983	314,739
Exports to– United States	51,849	68,050	45,989	58,197	62,298	36,590	25,876	34,657	33,729
All other	248,284	330,492	339,354	387,489	411,103	226,841	209,134	342,655	382,358
Total exports	300,133	398,542	385,343	445,686	473,401	263,431	235,010	377,312	416,087
Total shipments	690,170	853,719	858,859	897,250	985,864	531,916	509,185	795,847	803,499
Ending inventories	79,436	57,923	49,062	43,817	54,272	47,746	52,668	40,498	39,815
					Ratios and shares (*percent*)				
Capacity utilization	70.8	83.7	82.0	83.4	84.3	79.6	82.2	73.1	71.6
Inventories/total shipments	11.5	6.8	5.7	4.9	5.5	4.5	5.2	5.1	5.0
Share of total shipments: Internal consumption	6.4	6.0	7.0	6.6	7.9	7.5	7.9	8.7	9.0
Home market	50.1	47.4	48.2	43.8	44.1	42.9	45.9	43.9	39.2
Exports to– United States	7.5	8.0	5.4	6.5	6.3	6.9	5.1	4.4	4.2
All other	36.0	38.7	39.5	43.2	41.7	42.6	41.1	43.1	47.6
Total exports	43.5	46.7	44.9	49.7	48.0	49.5	46.2	47.4	51.8

Source: Compiled from data submitted in response to Commission questionnaires.

Tool

The Commission requested information from foreign producers concerning their production, capacity, shipments, and inventories of tool steel products. These data are presented for all non-U.S. countries and Canada in tables STAINLESS-48 and STAINLESS-49, respectively. The Commission received no useable data from foreign producers in Mexico.

Table STAINLESS-48
Tool: All non-U.S. countries' capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Projections 2001	Projections 2002
	Quantity (*tons*)								
Capacity	682,129	666,880	700,430	691,930	1,114,030	413,108	370,019	691,832	700,922
Production	565,630	579,305	620,647	579,851	636,286	327,883	330,708	645,260	659,025
Shipments: Internal consumption	1,271	1,063	1,768	1,628	2,298	1,464	1,493	2,252	2,117
Home market	268,813	282,782	277,954	259,370	271,394	140,962	135,551	253,408	259,820
Exports to– United States	45,883	51,676	54,639	60,046	59,697	33,338	29,208	58,955	60,848
All other	255,579	257,508	288,798	272,954	318,897	165,055	180,822	330,979	334,141
Total exports	301,462	309,184	343,437	333,000	378,594	198,393	210,030	389,934	394,989
Total shipments	571,546	593,029	623,159	593,998	652,286	340,819	347,074	645,594	656,926
Ending inventories	87,408	68,829	81,121	72,493	73,565	61,329	61,547	58,996	58,586
	Ratios and shares (*percent*)								
Capacity utilization	82.4	86.1	87.6	83.2	56.5	78.7	88.2	88.9	89.7
Inventories/total shipments	15.3	11.6	13.0	12.2	11.3	9.0	8.9	9.1	8.9
Share of total shipments: Internal consumption	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.3	0.3
Home market	47.0	47.7	44.6	43.7	41.6	41.4	39.1	39.3	39.6
Exports to– United States	8.0	8.7	8.8	10.1	9.2	9.8	8.4	9.1	9.3
All other	44.7	43.4	46.3	46.0	48.9	48.4	52.1	51.3	50.9
Total exports	52.7	52.1	55.1	56.1	58.0	58.2	60.5	60.4	60.1

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-49
Tool: Canada's capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

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Wire

The Commission requested information from foreign producers concerning their production, capacity, shipments, and inventories of wire. These data are presented for all non-U.S. countries, Canada, and Mexico in tables STAINLESS-50 through STAINLESS-52, respectively.

Table STAINLESS-50
Wire: All non-U.S. countries' capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Projections 2001	Projections 2002
	Quantity (*tons*)								
Capacity	197,230	220,506	230,294	242,842	251,462	136,873	140,538	274,013	286,572
Production	168,981	200,667	196,626	208,426	235,927	122,883	120,392	233,033	249,211
Shipments: Internal consumption	5,635	6,512	8,231	7,422	8,792	4,451	4,052	8,351	8,153
Home market	87,417	102,239	87,458	101,065	109,918	57,126	55,822	100,345	106,884
Exports to-- United States	14,280	16,129	16,957	15,285	17,164	9,197	9,267	17,755	18,380
All other	69,236	88,844	93,829	96,461	109,078	57,867	58,940	103,714	115,294
Total exports	83,516	104,973	110,786	111,746	126,242	67,064	68,207	121,469	133,674
Total shipments	176,568	213,724	206,475	220,233	244,952	128,641	128,081	230,165	248,711
Ending inventories	16,267	17,004	17,957	16,515	19,066	16,627	17,663	15,980	16,167
	Ratios and shares (*percent*)								
Capacity utilization	85.7	91.0	85.4	85.8	93.8	89.8	85.7	85.0	87.0
Inventories/total shipments	9.2	8.0	8.7	7.5	7.8	6.5	6.9	6.9	6.5
Share of total shipments: Internal consumption	3.2	3.0	4.0	3.4	3.6	3.5	3.2	3.6	3.3
Home market	49.5	47.8	42.4	45.9	44.9	44.4	43.6	43.6	43.0
Exports to-- United States	8.1	7.5	8.2	6.9	7.0	7.1	7.2	7.7	7.4
All other	39.2	41.6	45.4	43.8	44.5	45.0	46.0	45.1	46.4
Total exports	47.3	49.1	53.7	50.7	51.5	52.1	53.3	52.8	53.7

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-51
Wire: Canada's capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

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Table STAINLESS-52
Wire: Mexico's capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

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Cloth

The Commission requested information from foreign producers concerning their production, capacity, shipments, and inventories of cloth. These data are presented for all non-U.S. countries and Canada in tables STAINLESS-53 and STAINLESS-54, respectively. The Commission received no useable data from foreign producers in Mexico.

Table STAINLESS-53
Cloth: All non-U.S. countries' capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

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Table STAINLESS-54
Cloth: Canada's capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

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Rope

The Commission requested information from foreign producers concerning their production, capacity, shipments, and inventories of rope. These data are presented for all non-U.S. countries in table STAINLESS-55. The Commission received no useable data from foreign producers in Canada or Mexico.

Table STAINLESS-55
Rope: All non-U.S. countries' capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

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Seamless Tubular

The Commission requested information from foreign producers concerning their production, capacity, shipments, and inventories of seamless tubular products. These data are presented for all non-U.S. countries and Canada in tables STAINLESS-56 and STAINLESS-57, respectively. The Commission received no useable data from foreign producers in Mexico.

Table STAINLESS-56
Seamless tubular: All non-U.S. countries' capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Projections 2001	Projections 2002
					Quantity (*tons*)				
Capacity	356,508	359,427	357,240	355,824	356,714	175,401	183,126	371,010	378,911
Production	283,424	312,322	328,024	245,248	264,999	131,640	158,708	312,329	343,184
Shipments: Internal consumption	5,063	4,518	5,771	5,087	7,101	3,968	3,968	8,267	9,370
Home market	133,520	142,157	127,288	81,215	70,189	34,896	50,124	93,608	106,058
Exports to– United States	23,448	22,037	30,178	26,204	38,739	18,790	24,812	44,311	44,755
All other	238,910	141,132	163,071	135,531	146,696	73,059	76,910	168,306	173,954
Total exports	262,358	163,169	193,248	161,735	185,435	91,849	101,722	212,618	218,710
Total shipments	400,941	309,844	326,307	248,037	262,726	130,712	155,814	314,492	334,137
Ending inventories	11,119	13,569	15,304	12,522	14,406	12,730	12,051	18,244	12,351
					Ratios and shares (*percent*)				
Capacity utilization	79.5	86.9	91.8	68.9	74.3	75.1	86.7	84.2	90.6
Inventories/total shipments	2.8	4.4	4.7	5.0	5.5	4.9	3.9	5.8	3.7
Share of total shipments: Internal consumption	1.3	1.5	1.8	2.1	2.7	3.0	2.5	2.6	2.8
Home market	33.3	45.9	39.0	32.7	26.7	26.7	32.2	29.8	31.7
Exports to– United States	5.8	7.1	9.2	10.6	14.7	14.4	15.9	14.1	13.4
All other	59.6	45.5	50.0	54.6	55.8	55.9	49.4	53.5	52.1
Total exports	65.4	52.7	59.2	65.2	70.6	70.3	65.3	67.6	65.5

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-57
Seamless tubular: Canada's capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

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Welded Tubular

The Commission requested information from foreign producers concerning their production, capacity, shipments, and inventories of welded tubular products. These data are presented for all non-U.S. countries, Canada, and Mexico in tables STAINLESS-58 through STAINLESS-60, respectively.

Table STAINLESS-58
Welded tubular: All non-U.S. countries' capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Projections 2001	Projections 2002
					Quantity (*tons*)				
Capacity	1,062,948	1,143,961	1,275,535	1,246,064	973,477	479,381	558,568	1,092,987	1,183,578
Production	784,602	901,021	1,054,122	1,015,588	797,631	419,182	369,794	852,391	957,477
Shipments: Internal consumption	1,998	2,174	12,254	2,442	2,793	2,601	1,092	2,270	2,490
Home market	241,332	272,215	359,412	480,581	464,619	252,299	208,856	468,416	479,530
Exports to– United States	24,998	27,257	27,960	33,858	35,569	19,982	41,777	64,680	47,001
All other	519,101	542,745	612,137	339,197	423,893	236,654	202,380	389,075	376,152
Total exports	544,099	570,002	640,097	373,055	459,462	256,636	244,157	453,755	423,153
Total shipments	787,429	844,391	1,011,763	856,078	926,874	511,536	454,105	924,441	905,173
Ending inventories	104,894	162,474	205,635	365,258	238,299	276,523	152,805	62,537	78,021
					Ratios and shares (*percent*)				
Capacity utilization	73.8	78.8	82.6	81.5	81.9	87.4	66.2	78.0	80.9
Inventories/total shipments	13.3	19.2	20.3	42.7	25.7	27.0	16.8	6.8	8.6
Share of total shipments: Internal consumption	0.3	0.3	1.2	0.3	0.3	0.5	0.2	0.2	0.3
Home market	30.6	32.2	35.5	56.1	50.1	49.3	46.0	50.7	53.0
Exports to– United States	3.2	3.2	2.8	4.0	3.8	3.9	9.2	7.0	5.2
All other	65.9	64.3	60.5	39.6	45.7	46.3	44.6	42.1	41.6
Total exports	69.1	67.5	63.3	43.6	49.6	50.2	53.8	49.1	46.7

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-59
Welded tubular: Canada's capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Projections 2001	Projections 2002
					Quantity (*tons*)				
Capacity	17,000	17,000	20,100	20,100	26,700	13,350	13,350	26,700	26,700
Production	10,021	13,470	17,383	21,172	19,192	11,229	8,567	17,810	19,000
Shipments: Internal consumption	0	0	0	0	0	0	0	0	0
Home market	4,345	5,907	7,442	8,591	7,962	4,718	3,555	7,082	7,470
Exports to– United States	6,436	7,826	9,332	13,077	11,658	6,384	5,624	11,194	11,600
All other	125	151	222	120	95	45	35	50	30
Total exports	6,561	7,977	9,554	13,197	11,753	6,429	5,659	11,244	11,630
Total shipments	10,906	13,884	16,996	21,788	19,715	11,147	9,214	18,326	19,100
Ending inventories	3,456	3,990	5,597	4,981	4,459	5,064	3,812	3,993	3,893
					Ratios and shares (*percent*)				
Capacity utilization	58.9	79.2	86.5	105.3	71.9	84.1	64.2	66.7	71.2
Inventories/total shipments	31.7	28.7	32.9	22.9	22.6	22.7	20.7	21.8	20.4
Share of total shipments: Internal consumption	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Home market	39.8	42.5	43.8	39.4	40.4	42.3	38.6	38.6	39.1
Exports to– United States	59.0	56.4	54.9	60.0	59.1	57.3	61.0	61.1	60.7
All other	1.1	1.1	1.3	0.6	0.5	0.4	0.4	0.3	0.2
Total exports	60.2	57.5	56.2	60.6	59.6	57.7	61.4	61.4	60.9

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-60
Welded tubular: Mexico's capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

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Fittings

The Commission requested information from foreign producers concerning their production, capacity, shipments, and inventories of fittings. These data are presented for all non-U.S. countries and Mexico in tables STAINLESS-61 and STAINLESS-62, respectively. The Commission received no useable data from foreign producers in Canada.

Table STAINLESS-61
Fittings: All non-U.S. countries' capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

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Table STAINLESS-62
Fittings: Mexico's capacity, production, shipments, and inventories, 1996-2000, January-June 2000, January-June 2001, and projected 2001-02

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IMPORTERS' INVENTORIES

The Commission requested information from importers concerning their end-of-period inventories of all stainless and tool steel products. End-of-period inventory data for imported product from all sources are presented for stainless and tool steel products in table STAINLESS-63.

Table STAINLESS-63
U.S. importers' inventories, by products, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
				Quantity (*tons*)			
Slabs/ingots	2,335	2,030	1,983	1,947	1,739	1,690	2,353
Plate	1,903	2,015	3,743	4,862	5,229	5,944	3,608
Bar	8,298	9,193	10,613	10,850	17,264	16,349	18,252
Rod	5,573	10,354	9,359	8,722	9,527	8,585	9,496
Tool	11,588	11,911	13,932	16,621	18,772	19,257	20,630
Wire	5,147	1,725	1,595	27,850	17,028	25,734	17,477
Cloth	31,490	31,637	31,740	36,390	48,811	30,237	26,113
Rope	315	511	681	693	800	747	965
Seamless tubular	2,267	2086.0	2,264	2,233	2,981	2,213	2,758
Welded tubular	556	1077.0	1,925	3,376	6,096	4,668	4,401
Fittings	1,785	2406.9	2,436	2,693	3,666	3,314	3,110
Total	71,257	74,946	80,270	116,238	131,913	118,737	109,164
				Ratio to reporting firms' U.S. shipments of imports (*percent*)			
Slabs/ingots	5.3	6.1	3.2	4.1	2.1	1.9	3.4
Plate	12.7	12.5	21.8	17.2	24.6	24.8	20.9
Bar	22.4	18.3	21.6	17.8	21.8	18.7	27.2
Rod	10.7	16.2	17.4	15.4	15.0	10.8	20.2
Tool	30.1	24.7	28.3	31.5	36.5	30.2	40.7
Wire	27.9	10.6	10.5	152.7	73.3	102.8	88.2
Cloth	6.2	6.3	6.3	7.2	9.7	5.8	4.9
Rope	29.3	36.1	38.8	24.3	27.0	20.3	25.5
Seamless tubular	11.6	10.4	7.4	7.9	10.1	7.0	8.7
Welded tubular	3.5	6.8	9.1	13.1	20.8	16.5	15.5
Fittings	36.7	42.5	44.7	37.4	40.5	30.5	48.9
Total	9.5	9.7	9.9	14.0	14.7	12.3	12.5

Source: Compiled from data submitted in response to Commission questionnaires.

QUESTION OF THE CAUSAL RELATIONSHIP BETWEEN THE ALLEGED INJURY/THREAT AND IMPORTS

U.S. CONSUMPTION AND MARKET SHARES

Data on apparent U.S. consumption and market shares of all stainless and tool steel products based on U.S. producers' shipments and U.S. imports are presented in table STAINLESS-64.[13] These data are presented for slabs/ingots, plate, bar, rod, tool, wire, cloth, rope, seamless tubular, welded tubular, and fittings in tables STAINLESS-65 through STAINLESS-75, respectively.

Table STAINLESS-64
Total stainless: U.S. consumption and market shares, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June	
						2000	2001
U.S. consumption (*tons*)	2,342,844	2,509,600	2,509,770	2,949,804	3,033,164	1,714,183	1,275,666
U.S. consumption (*$1,000*)	5,667,182	5,545,236	5,090,049	4,894,067	5,870,814	3,195,262	2,450,853
U.S. market share based on quantity (*percent*)							
U.S. producers' shipments	79.9	80.0	75.7	73.4	70.9	72.2	69.1
Canada	4.7	3.6	3.0	2.9	3.1	2.9	4.4
Mexico	0.1	0.3	0.5	0.2	0.1	0.1	0.1
All other sources	15.3	16.1	20.8	23.6	25.9	24.8	26.3
Total imports	20.1	20.0	24.3	26.6	29.1	27.8	30.9
U.S. market share based on value (*percent*)							
U.S. producers' shipments	72.8	73.1	70.0	68.2	65.7	66.9	63.9
Canada	4.8	4.1	3.9	4.1	4.2	4.0	5.4
Mexico	0.2	0.3	0.4	0.5	0.6	0.6	0.7
All other sources	22.2	22.6	25.7	27.2	29.5	28.5	29.9
Total imports	27.2	26.9	30.0	31.8	34.3	33.1	36.1

Source: Compiled from data submitted in response to Commission questionnaires and official Commerce statistics.

[13] Significant double-counting issues arise for the consumption data presented in table STAINLESS-64 because they were calculated by summing the data reported for each of the subordinate product categories. Parties were asked to comment on the best technique to minimize the double-counting problem in their posthearing briefs. However, they offered no techniques to resolve any double-counting other than making their arguments on the basis of subordinate categories or aggregations of sub-categories.

Table STAINLESS-65
Slabs/ingots: U.S. consumption and market shares, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
U.S. consumption (*tons*)	1,335,812	1,397,738	1,419,138	1,841,864	1,831,438	1,058,990	726,296
U.S. consumption (*$1,000*)	1,820,020	1,727,657	1,552,597	1,678,681	2,106,608	1,204,150	721,198
U.S. market share based on quantity (*percent*)							
U.S. producers' shipments	91.6	94.0	87.4	81.3	81.2	82.6	79.2
Canada	5.0	3.0	2.4	2.0	2.4	2.1	4.4
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.0
All other sources	3.5	3.0	10.2	16.8	16.3	15.3	16.4
Total imports	8.4	6.0	12.6	18.7	18.8	17.4	20.8
U.S. market share based on value (*percent*)							
U.S. producers' shipments	89.1	92.2	86.7	80.0	78.6	79.9	77.5
Canada	6.3	3.7	3.2	2.7	3.3	3.0	5.6
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.0
All other sources	4.6	4.1	10.1	17.3	18.1	17.1	16.9
Total imports	10.9	7.8	13.3	20.0	21.4	20.1	22.5

Source: Compiled from data submitted in response to Commission questionnaires and official Commerce statistics.

Table STAINLESS-66
Plate: U.S. consumption and market shares, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
U.S. consumption (*tons*)	134,840	149,236	142,461	153,845	157,180	89,616	76,453
U.S. consumption (*$1,000*)	397,831	384,554	329,779	316,353	376,567	211,808	173,939
U.S. market share based on quantity (*percent*)							
U.S. producers' shipments	85.7	81.4	81.1	73.9	72.1	67.8	76.9
Canada	0.3	0.4	0.1	1.3	0.7	0.9	0.3
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.0
All other sources	14.0	18.2	18.8	24.8	27.2	31.4	22.9
Total imports	14.3	18.6	18.9	26.1	27.9	32.2	23.1
U.S. market share based on value (*percent*)							
U.S. producers' shipments	86.9	85.0	83.9	78.5	76.9	73.6	81.5
Canada	0.2	0.3	0.2	0.9	0.6	0.7	0.2
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.0
All other sources	12.9	14.7	16.0	20.6	22.6	25.8	18.3
Total imports	13.1	15.0	16.1	21.5	23.1	26.4	18.5

Source: Compiled from data submitted in response to Commission questionnaires and official Commerce statistics.

Table STAINLESS-67

Bar: U.S. consumption and market shares, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
U.S. consumption (*tons*)	276,600	294,392	280,280	265,452	324,173	176,320	153,366
U.S. consumption (*$1,000*)	1,006,464	968,136	887,199	737,467	952,744	498,215	469,416
U.S. market share based on quantity (*percent*)							
U.S. producers' shipments	64.6	60.9	60.5	59.8	53.5	52.7	54.9
Canada	5.9	5.9	4.7	5.3	5.9	5.4	7.5
Mexico	0.1	0.1	0.1	0.0	0.0	0.1	0.0
All other sources	29.4	33.0	34.8	34.8	40.5	41.8	37.5
Total imports	35.4	39.1	39.5	40.2	46.5	47.3	45.1
U.S. market share based on value (*percent*)							
U.S. producers' shipments	71.1	68.3	67.9	67.8	63.8	62.8	64.3
Canada	4.0	4.5	4.1	4.4	4.4	4.3	5.5
Mexico	0.1	0.1	0.0	0.0	0.0	0.0	0.0
All other sources	24.9	27.1	28.0	27.7	31.8	32.8	30.2
Total imports	28.9	31.7	32.1	32.2	36.2	37.2	35.7

Source: Compiled from data submitted in response to Commission questionnaires and official Commerce statistics.

Table STAINLESS-68

Rod: U.S. consumption and market shares, 1996-2000, January-June 2000, and January-June 2001

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Table STAINLESS-69
Tool: U.S. consumption and market shares, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
U.S. consumption (*tons*)	115,463	126,512	129,410	139,033	140,197	71,187	65,198
U.S. consumption (*$1,000*)	395,651	417,460	408,559	409,789	400,572	207,111	182,866
U.S. market share based on quantity (*percent*)							
U.S. producers' shipments	44.8	43.4	38.2	41.1	38.3	42.2	33.4
Canada	10.0	10.8	9.8	9.7	7.2	8.9	5.0
Mexico	0.1	0.1	1.5	1.6	0.1	0.0	0.0
All other sources	45.2	45.8	50.5	47.5	54.5	48.8	61.6
Total imports	55.2	56.6	61.8	58.9	61.7	57.8	66.6
U.S. market share based on value (*percent*)							
U.S. producers' shipments	60.8	61.3	57.7	57.1	55.7	58.3	52.3
Canada	4.3	4.6	4.5	4.4	3.6	4.3	2.6
Mexico	0.0	0.0	0.1	0.1	0.0	0.0	0.0
All other sources	34.9	34.1	37.7	38.4	40.8	37.4	45.0
Total imports	39.2	38.7	42.3	42.9	44.3	41.7	47.7

Source: Compiled from data submitted in response to Commission questionnaires and official Commerce statistics.

Table STAINLESS-70
Wire: U.S. consumption and market shares, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
U.S. consumption (*tons*)	111,152	124,167	125,177	126,977	136,092	72,012	60,419
U.S. consumption (*$1,000*)	440,628	460,297	445,072	393,826	427,812	222,426	190,908
U.S. market share based on quantity (*percent*)							
U.S. producers' shipments	75.4	75.9	75.5	80.5	77.0	77.7	72.7
Canada	3.8	3.6	1.5	0.4	0.2	0.3	0.3
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.1
All other sources	20.7	20.5	23.1	19.1	22.8	22.0	26.9
Total imports	24.6	24.1	24.5	19.5	23.0	22.3	27.3
U.S. market share based on value (*percent*)							
U.S. producers' shipments	72.7	72.7	72.5	77.3	72.9	74.7	69.8
Canada	4.5	4.2	1.7	0.5	0.2	0.2	0.2
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.1
All other sources	22.9	23.1	25.8	22.2	26.8	25.0	29.8
Total imports	27.3	27.3	27.5	22.7	27.1	25.3	30.2

Source: Compiled from data submitted in response to Commission questionnaires and official Commerce statistics.

Table STAINLESS-71
Cloth: U.S. consumption and market shares, 1996-2000, January-June 2000, and January-June 2001

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Table STAINLESS-72
Rope: U.S. consumption and market shares, 1996-2000, January-June 2000, and January-June 2001

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Table STAINLESS-73
Seamless tubular: U.S. consumption and market shares, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
U.S. consumption (*tons*)	42,557	40,699	50,815	45,988	52,394	26,830	25,060
U.S. consumption (*$1,000*)	290,011	235,558	256,620	207,646	253,078	126,516	127,289
U.S. market share based on quantity (*percent*)							
U.S. producers' shipments	23.3	26.1	19.5	16.4	21.1	21.4	16.8
Canada	4.1	3.6	4.0	3.7	3.9	3.7	5.3
Mexico	0.0	0.0	0.0	0.0	0.3	0.0	0.4
All other sources	72.6	70.3	76.5	79.9	74.7	74.9	77.5
Total imports	76.7	73.9	80.5	83.6	78.9	78.6	83.2
U.S. market share based on value (*percent*)							
U.S. producers' shipments	26.4	31.2	26.6	23.3	30.8	31.5	24.8
Canada	7.8	6.8	7.8	8.4	9.3	8.7	12.3
Mexico	0.0	0.0	0.0	0.0	0.1	0.0	1.0
All other sources	65.7	62.0	65.6	68.2	59.8	59.8	61.9
Total imports	73.6	68.8	73.4	76.7	69.2	68.5	75.2

Source: Compiled from data submitted in response to Commission questionnaires and official Commerce statistics.

Table STAINLESS-74

Welded tubular: U.S. consumption and market shares, 1996-2000, January-June 2000, and January-June 2001

Item	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
U.S. consumption (*tons*)	112,720	138,809	139,678	164,694	162,758	91,794	73,557
U.S. consumption (*$1,000*)	437,558	453,225	414,045	452,097	528,441	286,068	230,944
U.S. market share based on quantity (*percent*)							
U.S. producers' shipments	76.4	80.0	76.1	72.8	66.0	68.8	70.5
Canada	6.8	6.6	7.2	8.9	8.1	7.7	8.8
Mexico	1.1	1.4	1.5	0.3	0.6	0.4	0.6
All other sources	15.7	12.0	15.2	18.1	25.4	23.1	20.1
Total imports	23.6	20.0	23.9	27.2	34.0	31.2	29.5
U.S. market share based on value (*percent*)							
U.S. producers' shipments	77.6	80.9	77.5	73.6	69.2	71.4	71.7
Canada	8.0	8.4	10.2	12.7	10.7	10.2	12.2
Mexico	0.9	0.8	1.0	0.2	0.4	0.3	0.5
All other sources	13.5	9.9	11.3	13.5	19.7	18.0	15.6
Total imports	22.4	19.1	22.5	26.4	30.8	28.6	28.3

Source: Compiled from data submitted in response to Commission questionnaires and official Commerce statistics.

Table STAINLESS-75

Fittings: U.S. consumption and market shares, 1996-2000, January-June 2000, and January-June 2001

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PRICES AND RELATED INFORMATION

Supply-Related Information on U.S. Producers

Based on available information, U.S. stainless and tool steel producers are likely to respond to changes in demand with moderate to large changes in the quantity of shipments of U.S.-produced stainless products to the U.S. market. The main factors contributing to the degree of responsiveness of supply are unused capacity utilization and the existence of inventories. U.S. producers' year 2000 capacity utilization, export shipments as a percentage of total shipments, and inventories as a percentage of total shipments are shown by stainless steel product category in table STAINLESS-76.

Industry Capacity

Reported 2000 capacity utilization rates were highest for stainless steel slabs/ingots (81.4 percent), wire (67.2 percent), and cloth (*** percent). Capacity utilization rates for the rest of the stainless product categories were *** percent in 2000. These data indicate that U.S. producers have some unused capacity with which they could increase production of stainless products in the event of price changes in the U.S. market.

Alternate Markets

Available data indicate that, for most stainless product categories, exports accounted for a small portion of total shipments in 2000. For seamless tubular products, exports as a percentage of total shipments were 16.0 percent in 2000. For all other stainless product categories, exports as a percentage of total shipments were *** percent in 2000. Thus, for most stainless product categories, U.S. producers are not likely to be able to shift significant amount of stainless products from alternative markets to the U.S. market in the event of price changes.

Table STAINLESS-76
Stainless products: U.S. producers' year 2000 capacity utilization, export shipments as a percentage of total shipments, and inventories as a percentage of total shipments, by product

Product	Capacity utilization (*percent*)	Exports/total shipments (*percent*)	Inventories/total shipments (*percent*)
Slabs/ingots	81.4	0.2	0.9
Plate	54.4	5.6	20.6
Bar	55.8	5.5	10.7
Rod	***	***	***
Tool	54.5	3.0	32.5
Wire	67.2	2.2	67.0
Cloth	***	***	***
Rope	***	***	***
Seamless tubular	53.8	16.0	12.4
Welded tubular	54.9	3.4	42.5
Fittings	***	***	***

Source: Compiled from data submitted in response to Commission questionnaires.

Inventory Levels

U.S. producers' inventories of stainless products in 2000 varied widely depending on the product category. As a ratio to total shipments, inventories of plate, tool, wire, rope, welded tubular, and fittings were all *** percent in 2000. These data indicate that U.S. producers have some ability to use inventories as a means of increasing shipments of stainless products to the U.S. market.

Short Supply

Purchasers were asked to report if certain grades/types/sizes of stainless products were unavailable or in short supply from domestic sources. Purchasers of stainless semifinished products cited shortages of products such as billet and 300 mm thick continuous cast slabs. Purchasers of plate cited shortages of products such as floor plate, 302 HQ w/copper plate, 304 LN plate, DC53 plate, and hot-rolled A&P plate wider than 60 inches. Purchasers of bar cited shortages of products such as rebar, 410Q&T/420Q&T round bar, angle, bar under 1.5 inch diameter, proprietary products of grades 303, 304, and 416, and DC53 round bars. Several purchasers of rod maintained that there is only one domestic supplier of all grades/types/sizes of rod. Purchasers of tool steel products cited shortages of products such as high speed tool steel, cross-rolled tool steel plate, ultra-clean tool steels for plastic injection mold applications, hot-rolled O-1, A-1, and S-7 tool steel, and rolled tool steel rounds. Purchasers of stainless steel wire cited shortages of products such as 440C grade wire, nickel-coated spring wire, type 304 nail wire, high-speed steel shaped wire, 410 large diameter copper coated wire, and 420F wire of diameter 0.009-0.062 inches. ***. Purchasers of seamless tubular cited shortages of large diameter hot-finished seamless pipe. ***.

Subject Import Supply

Based on available information, foreign stainless producers are likely to respond to changes in demand with moderate to large changes in the quantity of shipments of stainless products to the U.S. market. The main factors contributing to the degree of responsiveness of supply are unused capacity utilization and the existence of inventories. Foreign producers' year 2000 capacity utilization, export shipments as a percentage of total shipments, and inventories as a percentage of total shipments are shown by stainless product category in tables STAINLESS-77 through STAINLESS-79.

All sources

Non-U.S. producers' capacity utilization rates for most of the stainless products were greater than *** percent in 2000. Capacity utilization rates for tool (56.5 percent) and cloth (*** percent) were the lowest. Non-U.S. producers' inventories relative to total shipments were generally less than 10 percent in 2000. Non-U.S. producers' inventories of welded tubular products accounted for the highest share of total shipments, at 25.7 percent. In 2000, non-U.S. producers' exports to the U.S. relative to total shipments were generally *** percent. The main exceptions to this rule were cloth (*** percent) and rope (*** percent). These data indicate that non-U.S. producers will be able to respond somewhat with increased supply to the U.S. market in the event of price changes.

Canada

Canadian producers' capacity utilization rates were highest for tool (*** percent) and wire (*** percent). Capacity utilization rates were between *** percent for the remaining products, except for slabs/ingots which had a capacity utilization rate of *** percent. Canadian producers' inventories relative to total shipments varied between *** percent for seamless tubular products and *** percent for welded tubular products in 2000. Canadian producers shipped a large share of their production to the United States, with exports to the United States/total shipments ratios ranging from *** in 2000. These data indicate that Canadian producers will be able to respond somewhat with increased supply to the U.S. market in the event of price changes.

Mexico

Mexican producers reported year 2000 stainless steel production and shipment data for two products: welded tubular products and fittings. Reported capacity utilization rates were *** percent for both of these products. Mexican producers of welded tubular products reported relatively low export and inventory ratios, whereas Mexican producers of fittings reported relatively high export and inventory ratios for 2000. These data indicate that Mexican producers will be able to respond somewhat with increased supply to the U.S. market in the event of price changes.

Table STAINLESS-77
Stainless products: Non-U.S. producers' year 2000 capacity utilization, exports to the United States as a percentage of total shipments, and inventories as a percentage of total shipments, by product

Product	Capacity utilization (*percent*)	Exports to the U.S./total shipments (*percent*)	Inventories/total shipments (*percent*)
Slabs/ingots	82.6	3.2	3.2
Plate	80.8	3.0	5.8
Bar	87.1	9.6	12.1
Rod	84.3	6.3	5.5
Tool	56.5	9.2	11.3
Wire	93.8	7.0	7.8
Cloth	***	***	***
Rope	***	***	***
Seamless tubular	74.3	14.7	5.5
Welded tubular	81.9	3.8	25.7
Fittings	***	***	***

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-78
Stainless products: Canadian producers' year 2000 capacity utilization, exports to the United States as a percentage of total shipments, and inventories as a percentage of total shipments, by product

Product	Capacity utilization (*percent*)	Exports to the U.S. /total shipments (*percent*)	Inventories/total shipments (*percent*)
Slabs/ingots	***	***	***
Plate	-	-	-
Bar	***	***	***
Rod	-	-	-
Tool	***	***	***
Wire	***	***	***
Cloth	***	***	***
Rope	-	-	-
Seamless tubular	***	***	***
Welded tubular	71.9	59.1	22.6
Fittings	-	-	-
Source: Compiled from data submitted in response to Commission questionnaires.			

Table STAINLESS-79
Stainless products: Mexican producers' year 2000 capacity, capacity utilization, exports to the United States as a percentage of total shipments, and inventories as a percentage of total shipments, by stainless product

Product	Capacity utilization (*percent*)	Exports to the U.S./total shipments (*percent*)	Inventories/total shipments (*percent*)
Slabs/ingots	-	-	-
Plate	-	-	-
Bar	-	-	-
Rod	-	-	-
Tool	-	-	-
Wire	-	-	-
Cloth	-	-	-
Rope	-	-	-
Seamless tubular	-	-	-
Welded tubular	***	***	***
Fittings	***	***	***
Source: Compiled from data submitted in response to Commission questionnaires.			

U.S. Demand

Based on available information, the overall demand for stainless products will change moderately in response to changes in the price of stainless products. The main factor contributing to this low degree of price sensitivity is the lack of available substitute products.

Demand Characteristics

The stainless category encompasses a wide variety of products, including semifinished products, plate, bar, rod, wire, cloth, rope, seamless tubular, welded tubular, and fittings. Even within each of these narrower categories, there are a wide variety of products differentiated by size, shape, etc. Given the wide variety of products included within the stainless category, there are also a wide variety of end uses for these products.

Demand Trends

Seventy-two of 159 responding purchasers reported that demand for their final products incorporating stainless products has changed since January 1, 1996. Of the 72 purchasers that reported demand changes, 32 reported that demand for their final products had increased, 21 reported that demand for their final products had decreased, and 19 did not report directions of the demand change. The 32 purchasers that reported demand increases cited factors such as increased popularity of metallic mesh; increased state and federal spending on water treatment plants; increased injector and related business; growth in general manufacturing, the automotive market, and the market in general; increased demand in the power generation market; increased expenditures for state road, highway, and bridge repairs; and improved marketing. The 21 purchasers that reported demand decreases cited factors such as the slowing U.S. economy, declining automotive sales, fewer refineries or power projects in the United States, and shifts to alternative products. Some purchasers also cited increased imports, which would only affect demand for domestically produced stainless products.

Figures STAINLESS-2 through STAINLESS-5 show trends in apparent consumption for the 11 stainless product categories. For most categories, U.S. consumption fluctuated upward during 1996-2000, then fell in 2001.

Substitute Products

One hundred eighty-six of 211 responding purchasers reported that there are no other products that could be substituted for stainless products in their end uses. The 25 purchasers that reported that substitutes are available cited products such as galvanized wire, cable, and rope; alloy, aluminum, and titanium bar; alloy products such as Monel, Incolloy, and Alloy 20; high-tech plastics and polymers; carbon steel products; and galvanized nails, glue, and other fasteners.

Figure STAINLESS-2
Indexes of U.S. apparent consumption of slab/ingot, plate, and bar, by year, 1996-2001

* * * * * * *

Figure STAINLESS-3
Indexes of U.S. apparent consumption of rod, tool steel, and wire, by year, 1996-2001

* * * * * * *

Figure STAINLESS-4
Indexes of U.S. apparent consumption of cloth, rope, and seamless tubular products, by year, 1996-2001

* * * * * * *

Figure STAINLESS-5
Indexes of U.S. apparent consumption of welded tubular products and fittings, by year, 1996-2001

* * * * * * *

Cost Share

Because there are a large number of end uses for stainless products, the percentage of the cost of the end product accounted for by the stainless products varies widely. Purchasers were asked to report the end uses for which they purchased stainless products as a component part and to report the percentage of the total cost accounted for by the stainless products. Purchasers reported cost shares of 1 percent or less for products such as battery components, metal stamping tools, conveyer parts, fuel injectors, steam turbines, automotive parts, medical components, and fasteners. At the other end of the spectrum, purchasers reported cost shares of 100 percent for products such as wire, rope, redraw hollows, oil well screens, pipe, die components, rivets, steam turbine blades, press punch dies, wire cloth, bar, cold-rolled coils, and several other intermediate products.

Substitutability of Domestic and Imported Stainless Products

The degree of substitution between domestic and imported stainless products depends upon relative prices, quality (*e.g.*, grade standards, reliability of supply, defect rates, etc.) and conditions of sale (*e.g.*, price discounts/rebates, lead times between order and delivery dates, payment terms, product service, etc.). Based on available data, staff believes that although there are some differences in the U.S. produced and imported stainless products, there is a high degree of substitution between them.

U.S. Purchasers[14]

The Commission received responses from approximately 246 purchasers of stainless products. As seen in table STAINLESS-80, the Commission received responses from firms reporting purchases of each of the 11 stainless products covered by this investigation.[15] These firms were fairly evenly divided into the categories of distributor, end user, and other (table STAINLESS-81).

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[14] Questionnaires were sent to purchasers of all stainless products. Unless otherwise noted, each purchaser's reply is only counted once throughout this section, even if the firm reported purchasing more than one stainless product.

[15] Many purchasers reported buying more than one of the listed products so the total number of firms reporting purchases of each listed product will be greater than the total number of firms that responded to the questionnaire.

Table STAINLESS-80
Stainless products: Number of firms reporting purchases of domestic and imported products, by products

Product	Number of firms reporting--	
	Purchases of domestic product	Purchases of imported product
Slabs/ingots	15	14
Plate	47	23
Bar	74	55
Rod	42	39
Tool	38	22
Wire	55	56
Cloth	10	12
Rope	10	11
Seamless tubular	52	42
Welded tubular	44	28
Fittings	33	28

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-81
Stainless products: Types of purchasers reporting information

Type of firm	Number of firms reporting
Distributor	78
End user	107
Other[1]	55

[1] Other includes firms such as re-rollers, steel fabricators, wire drawers, job shops (specialty fastener manufacturer), and redraw mills.

Source: Compiled from data submitted in response to Commission questionnaires.

Over the period examined, many of the responding firms reported making changes in their purchasing patterns. Firms that reported increasing their purchases of stainless products from certain sources reported doing so because of lower and/or decreasing prices, changes in exchange rates, improvements in quality and/or availability, corporate acquisition, and overall demand growth for the products in which stainless products are used. Reasons why purchasers reported decreasing purchases of stainless products from certain sources during the period include existence of antidumping duty and countervailing duty orders, non-competitive prices, unreliable delivery, lower sales of products which use stainless products, and inability of producers to meet specifications.

Purchasers of stainless products reported variations in their purchasing frequency during the period examined. On average, most firms reported buying stainless products on a weekly or monthly basis. However, some firms reported that they made purchases as often as every day, while others stated that their purchases were much less frequent and often on an "as-needed" basis. The country of origin of stainless products purchased appears to be more important to the responding purchasers than it is to their customers. Of the 241 firms that responded to the question of whether or not their firm was aware of the country of origin of the product, 140 (58 percent) firms stated "always." In addition, 76 firms reported that they are "usually" aware of the source of the stainless products. On the other hand, customers of the responding purchasers generally were less likely to be aware of the country of origin of the product, with only about 26 percent (47 of 182) reporting "always." The largest number of purchasers (66 of 172) reported that their customers were "sometimes" aware of the source of the stainless products.

Lead Times

Purchasers reported lead times of 1 day to 8 months, with many purchasers reporting lead times of between 2 to 6 weeks for stainless products. At the request of U.S. producers, the Commission asked purchasers to report if average lead times for domestic and imported stainless products had changed since January 1, 1996. While some firms reported that lead times were either longer or shorter, the majority reported that lead times had not changed over that period.

Factors Affecting Purchasing Decisions

As shown in table STAINLESS-82, quality is very important to purchasers of stainless products as over 61 percent of responding purchasers (148 of 241) ranked it as the number one factor used in their purchasing decisions. Price is also considered important, with about 16 percent of responding purchasers (38 of 241) noting it as the most important factor and about 39 percent of responding firms ranking it as the second most important factor.

Table STAINLESS-82
Stainless products: Ranking of factors used in purchasing decisions as reported by purchasers

Factor	Number of firms reporting		
	Number 1 factor	Number 2 factor	Number 3 factor
Price	38	93	77
Quality	148	39	19
Availability	15	44	44
Delivery	2	19	41
Other[1]	38	42	54

[1] Other includes meeting specifications, prearranged contracts, chemical composition, product line, traditional supplier, reliability, service, extension of credit, and lead times.

Source: Compiled from data submitted in response to Commission questionnaires.

With regard to quality, purchasers were asked to define the characteristics that they consider when determining the quality of a supplier's stainless product. While reported characteristics varied among the responding firms, in general purchasers reported that they defined quality in terms of the ability to meet specifications, chemistry, product consistency, surface condition, uniformity, ISO certification, gauge, tightness of weave (for woven cloth), metallurgy testing, and reputation of supplier.

Because quality is an important consideration for purchasers of stainless products, many firms reported that they require suppliers to be certified or prequalified with respect to quality. Of the 242 firms responding to this question, 190 stated that they required some form of certification. Moreover, of those 190 firms, 163 reported that they require certification on 100 percent of their purchases of stainless products. However, there appear to be differences in the level of certification required. For example, some purchasers reported that they do not have requirements beyond making sure that the product meets AISI, ASTM, ASME, or ISO standards. Other purchasers reported that they require test material for trial runs and audits of suppliers. Qualification can occur as quickly as 1 day and can take as long as 6 to 12 months.

Purchasers were also asked to report if any suppliers, domestic or foreign, ever failed in their attempt to qualify stainless products. The majority of firms (179 of 237) reported no, while the remaining 58 firms reported that certain suppliers had failed to qualify. Of those 58 firms, 21 cited U.S. producers as those failing to qualify. Thirty-six purchasers noted specific foreign suppliers that also failed to qualify involving product from Canada, China, Germany, India, Japan, Korea, Russia, Sweden, Taiwan, Thailand, Taiwan, and the United Kingdom. Reasons given for failure to qualify include quality problems, unavailability of certain grades/sizes/products, late shipments, and delivery problems.

As noted earlier, price is important in purchasing decisions for stainless producers. In addition to it being cited as an important factor in purchasing decisions, most purchasers also noted that they either usually or sometimes buy the product at the lowest available price. In response to the question of how often they purchase the lowest priced stainless product offered, 9 purchasers said "always," 114 said "usually," 101 said "sometimes," and 18 said "never."

As stated earlier, availability is also an important consideration in purchasing decisions for stainless products. Purchasers were asked if certain grades/types/sizes of stainless products were available from only a single source. Of the 236 firms that responded to this question, the majority (142 or 60 percent) responded in the negative, while 94 firms stated that there were some products that were unavailable or in short supply in the U.S. market. Stainless products cited by those 94 firms include angle, seamless pipe, certain sizes of woven wire seamless tubing, billets, forgings, solid hexagonal bar, and rod.

Comparisons of Domestic Products and Subject Imports

For stainless products, purchasers tended to indicate familiarity with a fairly wide variety of countries' stainless products. Of the responding firms, 182 of 194 purchasers stated that domestically produced stainless products and imports from all countries besides Canada and Mexico that were manufactured to the same grade and specification were generally used in the same applications. One hundred fifty-four of 165 purchasers indicated that this was true for imports from Canada and 141 of 155 purchasers reported that this was true for imports from Mexico. For purchasers who stated that imported and domestically produced stainless products were not generally used in the same applications, reasons cited included quality issues and unavailability of certain grades/sizes.

In general, most of the responding purchasers reported that neither they nor their customers specifically order stainless products from one country in particular over other possible sources of supply. Of the 235 firms that answered this question, 141 purchasers stated that they had not ordered stainless products specifically from a particular country. The remaining 94 firms reported that they had specifically ordered from one country; reasons given include quality, availability, price, ability to meet specifications, delivery, credit terms, customer request for domestic product, consistency, and continuity of supply.

While price was reported by many purchasers to be an important factor in purchasing decisions, 176 purchasers reported that they had purchased stainless products from one source even though a comparable product was available at a lower price from another source. Reasons cited include availability, delivery, customer requirements, quality, lead time for delivery, order size, reliability, long-term supplier, mill cooperation, service, existing contracts, and Buy American preferences.

Purchasers were asked to rate the importance of certain factors as being "very important," "somewhat important," or "not important." Furthermore, purchasers were asked to compare the U.S.-produced stainless products to (1) imports from Canada, (2) imports from Mexico, and (3) imports from all non-NAFTA countries based on these same factors. The responses from purchasers are shown in table STAINLESS-83. As can be seen from the table, most responding purchasers reported that the domestic and Canadian products were comparable with regard to the cited factors. With regard to imports from Mexico, in most cases a majority of purchasers reported more differences between the two products. For example, more purchasers reported that the U.S. product was superior to the Mexican product with regard to availability, delivery time, price, and reliability of supply than those purchasers that rated the two products as comparable. For imports from non-NAFTA countries, purchasers generally reported that the imported and the domestic products were comparable with regard to the factors. However, many responding purchasers reported some differences. In particular, a relatively large number of purchasers reported that the U.S. product was superior to the imported product with regard to availability, delivery time, and technical support.

Several parties that oppose import relief maintain that a significant percentage of the subject imports do not compete with domestic product. Parties that oppose import relief for the domestic producers of seamless tubular products maintain that 25 percent of hot-finished seamless tubular imports from Japan, and 15 to 25 percent of all other hot-finished seamless tubular imports, were of products not produced in the United States.[16] These parties also cite a number of seamless stainless steel tubular products that they claim the domestic industry does not produce.[17] Parties that oppose import relief for the domestic tool steel producers argue that there is no significant direct competition between U.S.-produced tool steel and the vast majority of imported tool steel. These parties maintain that U.S. tool steel is dominated by sophisticated products used in the automotive, major appliances, and capital goods industries.[18] Parties in opposition also cite a number of tool steel products that they claim the domestic industry does not produce.[19] Parties that oppose import relief for the domestic bar producers maintain that Carpenter Technology Corp. is the only domestic producer that produces a full range of bar products, which raises monopoly issues.[20] Parties that oppose import relief for the domestic fittings producers maintain that a significant proportion of imported fittings cannot compete in the important "approved" segment of the market. Parties in opposition state that this is true for major portions of the petrochemical and nuclear energy industries.[21] Parties that oppose import relief for the domestic wire producers maintain that the U.S. industry is unable to provide a sufficient supply of important high-quality wire products.[22] Parties that oppose import relief for the domestic bar producers argue that the domestic industry produces very little free-machining steel, large diameter rod, and special quality oil field equipment steel.[23] Parties that oppose import relief for the domestic cloth producers maintain that cloth with a mesh count of more than 90 individual steel wires per inch of fabric is not produced in the United States in sufficient quantities to meet demand.[24] Parties that oppose import relief for the domestic producers of stainless steel semifinished products argue that there are no qualified U.S. producers of

[16] Japanese tubular respondents, prehearing brief, p. 28.

[17] *Id.* at annex A.

[18] Tool steel respondents, prehearing brief, p. 29.

[19] *Id.*, pp. 29-35.

[20] EUROFER's prehearing brief, volume 3, p. 17.

[21] Association of European Quality Flange Producers' prehearing brief, p. 34.

[22] Joint stainless steel wire respondents' prehearing brief, pp. 30-34.

[23] Saarstahl AG's prehearing brief, pp. 1-3.

[24] GKD USA's prehearing brief, p. 1.

stainless steel billet.[25] Parties that oppose import relief for the domestic rope producers maintain that there are rope products that are unavailable from U.S. domestic producers.[26]

Table STAINLESS-83
Stainless products: Average purchase factor ratings and reported comparisons between U.S., Canadian, Mexican, and non-NAFTA products

Factor	Average importance score[1]	U.S. vs. Canada[2]			U.S. vs. Mexico[2]			U.S. vs non-NAFTA imports[2]		
		S	C	I	S	C	I	S	C	I
Availability	2.8	5	23	2	8	7	4	35	65	26
Delivery terms	2.3	2	29	0	7	8	4	29	80	15
Delivery time	2.7	4	25	2	9	4	5	57	50	17
Discounts offered	2.1	3	24	2	4	8	6	13	84	25
Lowest price	2.5	10	15	6	9	3	7	18	38	67
Minimum quantity requirements	2.2	3	24	4	5	12	1	25	85	15
Packaging	2.2	0	31	0	3	15	0	14	98	13
Product consistency	2.9	3	28	0	6	10	2	9	92	22
Product quality	3.0	4	26	1	6	9	3	10	87	26
Product range	2.3	5	25	1	8	8	3	17	75	33
Reliability of supply	2.9	7	21	3	9	4	4	22	75	28
Technical support	2.4	5	25	1	8	8	2	33	75	17
Transportation network	2.0	2	28	0	7	10	2	29	88	8
U.S. transportation costs	2.1	2	27	1	7	11	0	23	90	10

[1] 3 = very important, 2 = somewhat important, 1 = not important.
[2] S = U.S. superior, C = products comparable, I = U.S. inferior.

Source: Compiled from data submitted in response to Commission questionnaires.

Elasticity Estimates

This section discusses the elasticity estimates that will be used in the economic analysis concerning any remedy options.

U.S. Supply Elasticity

The domestic supply elasticity for stainless products measures the sensitivity of the quantity supplied by U.S. producers to changes in the U.S. market price of stainless products. The elasticity of domestic supply depends on several factors, including the level of excess capacity, the ease with which producers can alter capacity, producers' ability to shift production to other products, the existence of inventories, and the availability of alternate markets for U.S.-produced stainless products. Analysis of

[25] PEXCO, Altx, and Salem Steel Corp.'s prehearing brief, p. 1.

[26] Korean Iron and Steel Association's prehearing brief, p. 20.

these factors earlier indicates that the U.S. industry is likely to be able to increase or decrease shipments to the U.S. market; an estimate in the range of 4 to 8 is suggested.[27]

U.S. Demand Elasticity

The U.S. demand elasticity for stainless products measures the sensitivity of the overall quantity demanded to a change in the U.S. market price of stainless products. This estimate depends on factors discussed earlier such as the existence of substitute products and the component share of stainless products in the production of downstream products. Based on available information, the aggregate demand for stainless products is likely to be inelastic; a range of -0.25 to -0.75 is suggested.

Substitution Elasticity

The elasticity of substitution depends upon the extent of product differentiation between the domestic and imported products.[28] Product differentiation, in turn, depends upon such factors as quality and conditions of sale. Based on available information, the elasticity of substitution between U.S.-produced and imported stainless products is likely to be in the range of 3 to 5.

Factors Affecting Prices

Raw Material Costs

Raw material costs are highly dependent upon the price of nickel and other alloys necessary to produce stainless steel. Nickel prices are shown in figure STAINLESS-6. Nickel prices generally fell during 1996-98, increased to a high of $4.72 per pound in the third quarter of 2000, then generally fell during the rest of the period. Nickel prices were 30.7 percent lower at the end of the period than they were at the beginning. At the September 28, 2001 hearing, Richard Lane of Allegheny Ludlum Corp. testified that "The surcharge on the nickel and chromium mechanism has been in place for quite a number of years, certainly for the entire period that is referenced here, 1996 through the present. Basically price has fluctuated with the cost of many of these commodities. There is a trigger mechanism established wherein if nickel reaches a certain level it triggers a surcharge to be imposed. If it falls below a level, then the surcharge is non-existent."[29] [30] James MacMahon of Premiere Pipe & Tube Group, Inc. testified that "I think chrome has been a non issue through the period. There have been no chrome surcharges. I think that leading up to late 1999, the fourth quarter of 1999, the nickel surcharge

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[27] The domestic elasticity of supply for slabs/ingots is likely to be in the lower end of this range due to relatively low levels of excess capacity, low exports/total shipments, and low inventories/total shipments ratios. The domestic elasticities of supply for tool, rope, welded tubular products, and fittings are likely to be in the higher end of this range due to relatively high levels of excess capacity and inventories/total shipments ratios.

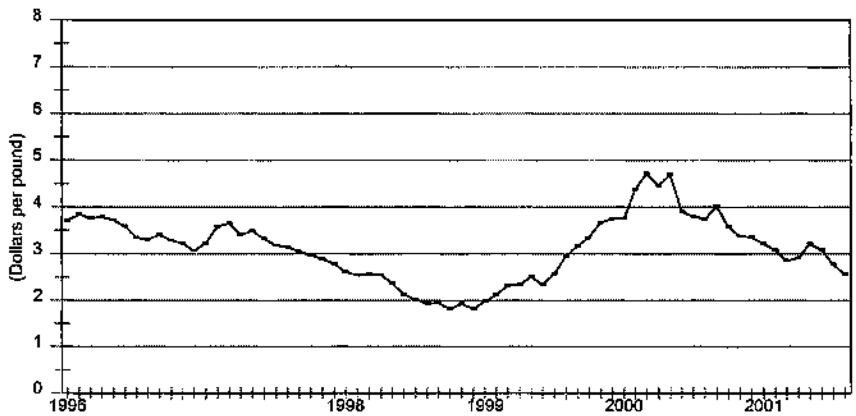
[28] The substitution elasticity measures the responsiveness of the relative U.S. consumption levels of the subject imports and U.S. like products to changes in their relative prices. This reflects how easily purchasers switch from the U.S. product to the subject products (or vice versa) when prices change.

[29] Hearing transcript, p. 2,280.

[30] *** explained that their nickel surcharge is based on a nickel trigger price of $*** per pound. To calculate the nickel surcharge, first subtract the nickel trigger price from the current nickel price. Next, multiply this result by *** to account for nickel yield loss. Finally, multiply this result by the minimum ASTM nickel percentage for the appropriate grade of stainless steel. Telephone conversation with ***, October 10, 2001.

was negligible, and then it went up rather quickly through about May of 2000 and now has been in a reversing trend."[31]

Figure STAINLESS-6
Nickel: Monthly U.S. prices, January 1996-August 2001



Source: Cathode New York Dealer prices from U.S. Geological Survey, *Mineral Industry Surveys*.

Transportation Costs to the U.S. Market

Transportation costs for stainless products from all import sources (based on 1996-June 2001 import data) to the United States (excluding U.S. inland costs) are estimated to be 4.1 percent of the customs value of the stainless products.[32]

U.S. Inland Transportation Costs

Purchasers provided estimates of U.S. inland transportation costs for stainless products as a share of the total delivered cost of stainless products. Delivery costs varied within a range of about 1 to 30 percent, with a majority of purchasers reporting that these delivery costs were between 2 and 5 percent.

[31] Hearing transcript, p. 2,281.

[32] This estimate is derived from the official U.S. import data by subtracting the customs value and duties from the c.i.f value, and represents the transportation and other charges on imports. This estimate includes all of the *HTS* numbers within the stainless product category. The transportation costs vary for the products within the stainless product category and range from 2.9 percent for fittings to 5.7 percent for tool steel.

Pricing Methods and Sales Terms

Of the responding firms, 121 purchasers reported that all of their purchases were on a spot basis, while 25 reported that 100 percent of their purchases were on a contract basis. The rest of the purchasers reported some mix of contract and spot pricing. Reported data show that the length of contracts can vary from 60 days to 3-5 years, with renegotiation generally only coming at the end of a contract. Sixty-four purchasers reported that they generally have contracts of at least one year in length. Seventy-two purchasers reported that their contracts fixed both price and quantity, and about 64 percent of firms reported that contracts did not contain meet-or-release clauses. Few purchasers reported price premiums for sub-minimum shipments.

Price Data

The Commission requested producers and importers to submit quarterly sales value and quantity data for their sales of the following 11 stainless products during the period January 1996 to June 2001:

Product 23.--Grade 304L billets, 4 inch to 6 inch square.

Product 24.--Stainless steel plate not in coils, grade AISI 304L, 0.25-0.375 inch (6.35-9.52 mm) thickness, inclusive; width 96 inches, 240 random length.

Product 25A.--Stainless steel bar, grade 304/304L, 1 inch diameter, annealed, cold-finished, round shape.

Product 25B.--Stainless steel bar, grade 304, hot-rolled, annealed and descaled stainless steel, 90-degree angle, 2 inch x 2 inch x 1/4 inch.

Product 26.--Grade AISI 304 wire rod, 5.5 mm (0.217 inch) diameter, hot-rolled, annealed and pickled.

Product 27.--Tool steel H13 spherodized anneal R.T., 6-8 inches round x 12/14 foot random lengths.

Product 28.--Grade 302 HQ cold-heading stainless steel wire round wire, 0.099 to 0.127 inch (2.515 to 3.226 mm) in diameter, annealed.

Product 29.--Stainless steel woven wire cloth, 18-8 or type 304, 10 x 10 mesh, plain weave, 0.025 inch wire diameter.

Product 30.--Stainless steel wire rope, 1/8 inch 7 x 19.

Product 31.--Cold-finished tube, ASTM A-213, grade 304/304L, 3/4 inch outside diameter by 0.049 inch average wall thickness.

Product 32.--Welded seamless pipe, ASTM A-312, schedule 40, grade AISI 304/304L, 1 inch through 2 inch outside diameter.

Product 33.--Stainless steel butt-weld pipe fittings; finished 90 degree long-radius elbows, welded 2 inch nominal outside diameter grade 316/316L dual-certified.

In general, the price data submitted by U.S. producers and importers accounted for only very small shares of the U.S. shipments of the stainless product categories for which price data were requested. Price data coverage for domestic and imported Canadian, Mexican, and all other country stainless products, by product category, are shown in percent of shipments in the tabulation below. Reported prices are shown in tables STAINLESS-84-95 and figures STAINLESS-7-18.

Product	United States	Canada	Mexico	All other
Slabs/ingot	***	***	***	***
Plate	3.1	(2)	(2)	6.8
Bar	1.4	0.1	(2)	1.6
Rod	3.4	(2)	(2)	19.9
Tool	1.5	0.1	(2)	0.6
Wire	0.4	(2)	(2)	3.9
Cloth	(2)	1.0	(2)	0.4
Rope	18.9	(2)	(2)	7.8
Seamless tubular	0.4	(2)	(2)	0.1
Welded tubular	3.3	1.5	(2)	5.5
Fittings	0.3	(2)	(1)	0.1

[1] Less than 0.05 percent.
[2] No data reported.

Table STAINLESS-84
Slabs/ingots: Weighted-average price and quantity data for U.S.-produced and imported product 23 from Canada, Mexico, and non-NAFTA countries and margins of under/(overselling), by quarters, January 1996-June 2001

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Table STAINLESS-85
Plate: Weighted-average price and quantity data for U.S.-produced and imported product 24[1] from Canada, Mexico, and non-NAFTA countries and margins of under/(overselling), by quarters, January 1996-June 2001

Period	United States		Canada			Mexico			Non-NAFTA imports		
	Price (per ton)	Quantity (tons)	Price (per ton)	Qty (tons)	Margin (percent)	Price (per ton)	Qty (tons)	Margin (percent)	Price (per ton)	Qty (tons)	Margin (percent)
1996:											
Jan.-Mar.	$***	***	(2)	(2)	(2)	(2)	(2)	(2)	$***	***	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
1997:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
1998:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
1999:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Apr.-June	1,654.92	1,130	(2)	(2)	(2)	(2)	(2)	(2)	1,828.36	629	-10.5
July-Sept.	1,684.01	941	(2)	(2)	(2)	(2)	(2)	(2)	1,831.78	398	-8.8
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	1,736.53	740	***
2000:											
Jan.-Mar.	2,133.28	1,265	(2)	(2)	(2)	(2)	(2)	(2)	1,773.18	584	16.9
Apr.-June	2,285.55	965	(2)	(2)	(2)	(2)	(2)	(2)	1,901.10	391	16.8
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	1,827.42	375	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	1,977.19	309	***
2001:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	1,766.86	372	***
Apr.-June	1,909.77	747	(2)	(2)	(2)	(2)	(2)	(2)	1,737.34	316	9.0

[1] Stainless steel plate not in coils, grade AISI 304L, 0.25-0.375 inch (6.35-9.52 mm) thickness, inclusive; width 96 inches, 240 random length.
[2] Price and quantity data not reported. Margin not applicable.

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-86

Bar: Weighted-average price and quantity data for U.S.-produced and imported product 25A[1] from Canada, Mexico, and non-NAFTA countries and margins of under/(overselling), by quarters, January 1996-June 2001

Period	United States		Canada			Mexico			Non-NAFTA imports		
	Price (*per ton*)	Quantity (*tons*)	Price (*per ton*)	Qty (*tons*)	Margin (*percent*)	Price (*per ton*)	Qty (*tons*)	Margin (*percent*)	Price (*per ton*)	Qty (*tons*)	Margin (*percent*)
1996:											
Jan.-Mar.	$2,997.94	113	$***	***	***	(2)	(2)	(2)	$***	***	***
Apr.-June	***	***	***	***	***	(2)	(2)	(2)	***	***	***
July-Sept.	***	***	***	***	***	(2)	(2)	(2)	2,236.11	10	***
Oct.-Dec.	***	***	***	***	***	(2)	(2)	(2)	2,792.89	8	***
1997:											
Jan.-Mar.	***	***	***	***	***	(2)	(2)	(2)	***	***	***
Apr.-June	***	***	***	***	***	(2)	(2)	(2)	***	***	***
July-Sept.	***	***	***	***	***	(2)	(2)	(2)	2,300.56	39	***
Oct.-Dec.	***	***	***	***	***	(2)	(2)	(2)	2,308.77	153	***
1998:											
Jan.-Mar.	***	***	***	***	***	(2)	(2)	(2)	2,079.49	99	***
Apr.-June	***	***	***	***	***	(2)	(2)	(2)	1,837.61	71	***
July-Sept.	***	***	***	***	***	(2)	(2)	(2)	1,896.31	13	***
Oct.-Dec.	***	***	***	***	***	(2)	(2)	(2)	2,096.05	41	***
1999:											
Jan.-Mar.	***	***	***	***	***	(2)	(2)	(2)	1,740.36	458	***
Apr.-June	***	***	***	***	***	(2)	(2)	(2)	1,699.43	438	***
July-Sept.	***	***	***	***	***	(2)	(2)	(2)	1,699.47	380	***
Oct.-Dec.	***	***	***	***	***	(2)	(2)	(2)	1,768.87	494	***
2000:											
Jan.-Mar.	***	***	***	***	***	(2)	(2)	(2)	1,593.48	714	***
Apr.-June	***	***	***	***	***	(2)	(2)	(2)	1,277.59	1,499	***
July-Sept.	***	***	***	***	***	(2)	(2)	(2)	1,907.79	374	***
Oct.-Dec.	***	***	***	***	***	(2)	(2)	(2)	1,851.62	266	***
2001:											
Jan.-Mar.	***	***	***	***	***	(2)	(2)	(2)	2,523.08	234	***
Apr.-June	***	***	***	***	***	(2)	(2)	(2)	2,087.40	367	***

[1] Stainless steel bar, grade 304/304L, 1 inch diameter, annealed, cold-finished, round shape.
[2] Price and quantity data not reported. Margin not applicable.

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-87

Bar: Weighted-average price and quantity data for U.S.-produced and imported product 25B[1] from Canada, Mexico, and non-NAFTA countries and margins of under/(overselling), by quarters, January 1996-June 2001

Period	United States		Canada			Mexico			Non-NAFTA Imports		
	Price (*per ton*)	Quantity (*tons*)	Price (*per ton*)	Qty (*tons*)	Margin (*percent*)	Price (*per ton*)	Qty (*tons*)	Margin (*percent*)	Price (*per ton*)	Qty (*tons*)	Margin (*percent*)
1996:											
Jan.-Mar.	$***	***	(2)	(2)	(2)	(2)	(2)	(2)	$2,747.16	116	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	2,548.26	149	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
1997:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	2,446.63	84	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	2,176.79	165	***
1998:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	2,152.59	41	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
1999:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
2000:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
2001:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***

[1] Stainless steel bar, grade 304, hot-rolled, annealed and descaled stainless steel, 90-degree angle, 2 inch x 2 inch x 1/4inch.
[2] Price and quantity data not reported. Margin not applicable.

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-88
Rod: Weighted-average price and quantity data for U.S.-produced and imported product 26[1] from Canada, Mexico, and non-NAFTA countries and margins of under/(overselling), by quarters, January 1996-June 2001

Period	United States		Canada			Mexico			Non-NAFTA imports		
	Price (*per ton*)	Quantity (*tons*)	Price (*per ton*)	Qty (*tons*)	Margin (*percent*)	Price (*per ton*)	Qty (*tons*)	Margin (*percent*)	Price (*per ton*)	Qty (*tons*)	Margin (*percent*)
1996:											
Jan.-Mar.	$***	***	(2)	(2)	(2)	(2)	(2)	(2)	$2,458.72	1,553	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	2,277.81	2,835	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	2,183.82	2,757	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	2,099.37	3,168	***
1997:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	2,061.52	3,734	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	2,109.08	3,095	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	2,115.17	3,691	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	2,137.96	5,127	***
1998:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	2,012.44	2,563	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	2,034.02	2,421	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	1,910.73	2,860	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	1,720.74	3,074	***
1999:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	1,493.40	3,605	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	1,509.05	3,918	***
July-Sept.	$***	***	(2)	(2)	(2)	(2)	(2)	(2)	1,548.26	4,642	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	1,522.15	3,906	***
2000:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	1,627.38	5,489	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	1,579.67	6,586	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	1,890.96	3,237	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	1,926.91	2,266	***
2001:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	1,748.23	2,749	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	1,676.42	2,337	***

[1] Grade AISI 304 wire rod, 5.5 mm (0.217 inch) diameter, hot-rolled, annealed and pickled.
[2] Price and quantity data not reported. Margin not applicable.

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-89
Tool: Weighted-average price and quantity data for U.S.-produced and imported product 27 from Canada, Mexico, and non-NAFTA countries and margins of under/(overselling), by quarters, January 1996-June 2001

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Table STAINLESS-90

Wire: Weighted-average price and quantity data for U.S.-produced and imported product 28[1] from Canada, Mexico, and non-NAFTA countries and margins of under/(overselling), by quarters, January 1996-June 2001

Period	United States		Canada			Mexico			Non-NAFTA imports		
	Price (*per lb*)	Quantity (*lbs*)	Price (per *lb*)	Qty (*lbs*)	Margin (*percent*)	Price (*per lb*)	Qty (*lbs*)	Margin (*percent*)	Price (*per lb*)	Qty (*lbs*)	Margin (*percent*)
1996:											
Jan.-Mar.	$2.41	259,186	(2)	(2)	(2)	(2)	(2)	(2)	$2.22	309,562	8.0
Apr.-June	2.37	271,656	(2)	(2)	(2)	(2)	(2)	(2)	2.16	315,747	8.6
July-Sept.	2.29	250,824	(2)	(2)	(2)	(2)	(2)	(2)	2.03	312,644	11.4
Oct.-Dec.	2.28	233,137	(2)	(2)	(2)	(2)	(2)	(2)	2.36	258,476	-3.5
1997:											
Jan.-Mar.	2.37	275,525	(2)	(2)	(2)	(2)	(2)	(2)	1.89	443,917	20.3
Apr.-June	2.33	258,438	(2)	(2)	(2)	(2)	(2)	(2)	1.73	556,876	25.5
July-Sept.	2.38	201,334	(2)	(2)	(2)	(2)	(2)	(2)	2.21	355,334	7.2
Oct.-Dec.	2.28	229,115	(2)	(2)	(2)	(2)	(2)	(2)	1.82	483,739	20.3
1998:											
Jan.-Mar.	2.29	234,284	(2)	(2)	(2)	(2)	(2)	(2)	1.76	562,858	23.2
Apr.-June	2.34	187,175	(2)	(2)	(2)	(2)	(2)	(2)	1.59	583,369	32.1
July-Sept.	2.32	156,179	(2)	(2)	(2)	(2)	(2)	(2)	1.71	608,888	26.5
Oct.-Dec.	2.22	139,857	(2)	(2)	(2)	(2)	(2)	(2)	1.60	320,983	28.0
1999:											
Jan.-Mar.	2.20	212,836	(2)	(2)	(2)	(2)	(2)	(2)	2.01	1,303,826	8.6
Apr.-June	2.10	183,903	(2)	(2)	(2)	(2)	(2)	(2)	1.97	673,422	6.5
July-Sept.	2.13	171,140	(2)	(2)	(2)	(2)	(2)	(2)	1.60	552,792	24.6
Oct.-Dec.	2.11	172,032	(2)	(2)	(2)	(2)	(2)	(2)	1.96	424,747	7.2
2000:											
Jan.-Mar.	2.27	228,698	(2)	(2)	(2)	(2)	(2)	(2)	1.57	1,440,862	30.9
Apr.-June	2.35	181,644	(2)	(2)	(2)	(2)	(2)	(2)	2.16	674,367	7.9
July-Sept.	2.28	154,499	(2)	(2)	(2)	(2)	(2)	(2)	2.16	356,831	5.4
Oct.-Dec.	2.31	153,368	(2)	(2)	(2)	(2)	(2)	(2)	2.05	342,964	11.2
2001:											
Jan.-Mar.	2.22	148,307	(2)	(2)	(2)	(2)	(2)	(2)	2.05	542,235	7.7
Apr.-June	2.03	130,658	(2)	(2)	(2)	(2)	(2)	(2)	2.45	242,671	-20.8

[1] Grade 302 HQ cold-heading stainless steel wire round wire, 0.099 to 0.127 inch (2.515 to 3.226 mm) in diameter, annealed.
[2] Price and quantity data not reported. Margin not applicable.

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-91

Cloth: Weighted-average price and quantity data for U.S.-produced and imported product 29[1] from Canada, Mexico, and non-NAFTA countries and margins of under/(overselling), by quarters, January 1996-June 2001

Period	United States		Canada			Mexico			Non-NAFTA imports		
	Price *(per lb)*	Quantity *(lbs)*	Price *(per lb)*	Qty *(lbs)*	Margin *(percent)*	Price *(per lb)*	Qty *(lbs)*	Margin *(percent)*	Price *(per lb)*	Qty *(lbs)*	Margin *(percent)*
1996:											
Jan.-Mar.	(2)	(2)	$***	***	(2)	(2)	(2)	(2)	$***	***	(2)
Apr.-June	(2)	(2)	***	***	(2)	(2)	(2)	(2)	***	***	(2)
July-Sept.	(2)	(2)	***	***	(2)	(2)	(2)	(2)	***	***	(2)
Oct.-Dec.	(2)	(2)	***	***	(2)	(2)	(2)	(2)	***	***	(2)
1997:											
Jan.-Mar.	(2)	(2)	***	***	(2)	(2)	(2)	(2)	***	***	(2)
Apr.-June	(2)	(2)	***	***	(2)	(2)	(2)	(2)	2.19	28,950	(2)
July-Sept.	(2)	(2)	***	***	(2)	(2)	(2)	(2)	***	***	(2)
Oct.-Dec.	(2)	(2)	***	***	(2)	(2)	(2)	(2)	2.20	7,630	(2)
1998:											
Jan.-Mar.	(2)	(2)	***	***	(2)	(2)	(2)	(2)	2.17	2,480	(2)
Apr.-June	(2)	(2)	***	***	(2)	(2)	(2)	(2)	2.27	4,260	(2)
July-Sept.	(2)	(2)	***	***	(2)	(2)	(2)	(2)	1.73	4,960	(2)
Oct.-Dec.	(2)	(2)	***	***	(2)	(2)	(2)	(2)	1.69	7,560	(2)
1999:											
Jan.-Mar.	(2)	(2)	***	***	(2)	(2)	(2)	(2)	1.30	5,250	(2)
Apr.-June	(2)	(2)	***	***	(2)	(2)	(2)	(2)	***	***	(2)
July-Sept.	(2)	(2)	***	***	(2)	(2)	(2)	(2)	1.48	17,720	(2)
Oct.-Dec.	(2)	(2)	***	***	(2)	(2)	(2)	(2)	1.53	19,080	(2)
2000:											
Jan.-Mar.	(2)	(2)	***	***	(2)	(2)	(2)	(2)	1.55	25,400	(2)
Apr.-June	(2)	(2)	***	***	(2)	(2)	(2)	(2)	***	***	(2)
July-Sept.	(2)	(2)	***	***	(2)	(2)	(2)	(2)	1.66	6,950	(2)
Oct.-Dec.	(2)	(2)	***	***	(2)	(2)	(2)	(2)	***	***	(2)
2001:											
Jan.-Mar.	(2)	(2)	***	***	(2)	(2)	(2)	(2)	1.82	26,350	(2)
Apr.-June	(2)	(2)	***	***	(2)	(2)	(2)	(2)	(2)	(2)	(2)

[1] Stainless steel woven wire cloth, 18-8 or type 304, 10 x 10 mesh, plain weave, 0.025 inch wire diameter.
[2] Price and quantity data not reported. Margin not applicable.

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-92

Rope: Weighted-average price and quantity data for U.S.-produced and imported product 30[1] from Canada, Mexico, and non-NAFTA countries and margins of under/(overselling), by quarters, January 1996-June 2001

Period	United States		Canada			Mexico			Non-NAFTA imports		
	Price (*$/100 ft*)	Quantity (*100 ft*)	Price (*$/100 ft*)	Qty (*100 ft*)	Margin (*percent*)	Price (*$/100 ft*)	Qty (*100 ft*)	Margin (*percent*)	Price (*$/100 ft*)	Qty (*100 ft*)	Margin (*percent*)
1996:											
Jan.-Mar.	$***	***	(2)	(2)	(2)	(2)	(2)	(2)	$***	***	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	9.55	5,009	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	11.47	7,961	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	10.06	6,012	***
1997:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	12.36	1,830	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	10.38	6,940	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	11.09	8,674	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	10.87	8,752	***
1998:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	10.58	9,719	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	10.91	8,658	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	10.32	17,201	***
Oct.-Dec.	34.85	897	(2)	(2)	(2)	(2)	(2)	(2)	9.92	16,222	71.5
1999:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	10.61	7,677	***
Apr.-June	30.44	1,817	(2)	(2)	(2)	(2)	(2)	(2)	9.85	14,175	67.6
July-Sept.	30.58	1,647	(2)	(2)	(2)	(2)	(2)	(2)	9.59	11,649	68.6
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	9.70	14,879	***
2000:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	9.87	16,189	***
Apr.-June	28.68	2,256	(2)	(2)	(2)	(2)	(2)	(2)	10.73	8,000	62.6
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	10.36	10,906	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	10.30	9,448	***
2001:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	9.72	15,102	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	10.31	11,272	***

[1] Stainless steel wire rope, 1/8 inch 7 x 19.
[2] Price and quantity data not reported. Margin not applicable.

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-93

Seamless tubular: Weighted-average price and quantity data for U.S.-produced and imported product 31[1] from Canada, Mexico, and non-NAFTA countries and margins of under/(overselling), by quarters, January 1996-June 2001

Period	United States		Canada			Mexico			Non-NAFTA imports		
	Price (per ton)	Quantity (tons)	Price (per ton)	Qty (tons)	Margin (percent)	Price (per ton)	Qty (tons)	Margin (percent)	Price (per ton)	Qty (tons)	Margin (percent)
1996:											
Jan.-Mar.	$***	***	(2)	(2)	(2)	(2)	(2)	(2)	$***	***	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
1997:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
1998:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
1999:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
2000:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
July-Sept.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Oct.-Dec.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	7,443.54	4	***
2001:											
Jan.-Mar.	***	***	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Apr.-June	***	***	(2)	(2)	(2)	(2)	(2)	(2)	7,300.26	4	***

[1] Cold-finished tube, ASTM A-213, grade 304/304L, 3/4 inch outside diameter by 0.049 inch average wall thickness.
[2] Price and quantity data not reported. Margin not applicable.

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-94
Welded tubular: Weighted-average price and quantity data for U.S.-produced and imported product 32[1] from Canada, Mexico, and non-NAFTA countries and margins of under/(overselling), by quarters, January 1996-June 2001

Period	United States		Canada			Mexico			Non-NAFTA imports		
	Price (*per ton*)	Quantity (*tons*)	Price (*per ton*)	Qty (*tons*)	Margin (*percent*)	Price (*per ton*)	Qty (*tons*)	Margin (*percent*)	Price (*per ton*)	Qty (*tons*)	Margin (*percent*)
1996:											
Jan.-Mar.	$3,437.91	704	$***	***	***	(2)	(2)	(2)	$3,642.04	441	-5.9
Apr.-June	3,040.13	794	***	***	***	(2)	(2)	(2)	3,761.29	214	-23.7
July-Sept.	3,078.08	739	***	***	***	(2)	(2)	(2)	3,178.46	344	-3.3
Oct.-Dec.	2,851.23	726	***	***	***	(2)	(2)	(2)	3,397.31	256	-19.2
1997:											
Jan.-Mar.	3,080.92	744	***	***	***	(2)	(2)	(2)	3,709.22	185	-20.4
Apr.-June	2,750.15	1,009	***	***	***	(2)	(2)	(2)	3,085.96	312	-12.2
July-Sept.	2,635.30	954	***	***	***	(2)	(2)	(2)	2,911.41	487	-10.5
Oct.-Dec.	2,451.48	911	***	***	***	(2)	(2)	(2)	2,228.36	290	9.1
1998:											
Jan.-Mar.	2,505.59	943	***	***	***	(2)	(2)	(2)	2,493.38	388	0.5
Apr.-June	2,235.37	1,097	***	***	***	(2)	(2)	(2)	2,442.59	325	-9.3
July-Sept.	2,164.37	958	***	***	***	(2)	(2)	(2)	2,367.72	408	-9.4
Oct.-Dec.	2,032.10	903	***	***	***	(2)	(2)	(2)	2,088.23	293	-2.8
1999:											
Jan.-Mar.	1,843.52	1,153	***	***	***	(2)	(2)	(2)	1,999.09	274	-8.4
Apr.-June	1,964.08	877	***	***	***	(2)	(2)	(2)	2,803.41	293	-42.7
July-Sept.	1,995.55	984	***	***	***	(2)	(2)	(2)	1,859.01	400	6.8
Oct.-Dec.	2,117.06	1,117	***	***	***	(2)	(2)	(2)	2,096.56	328	1.0
2000:											
Jan.-Mar.	2,277.57	780	***	***	***	(2)	(2)	(2)	2,166.76	368	4.9
Apr.-June	2,513.99	878	***	***	***	(2)	(2)	(2)	2,655.01	261	-5.6
July-Sept.	2,510.79	616	***	***	***	(2)	(2)	(2)	2,651.44	528	-5.6
Oct.-Dec.	2,458.44	541	***	***	***	(2)	(2)	(2)	2,794.29	374	-13.7
2001:											
Jan.-Mar.	2,409.93	752	***	***	***	(2)	(2)	(2)	2,036.10	425	15.5
Apr.-June	2,313.69	662	***	***	***	(2)	(2)	(2)	1,886.69	547	18.5

[1] Welded seamless pipe, ASTM A-312, Schedule 40, grade AISI 304/304L,1 inch through 2 inch outside diameter.
[2] Price and quantity data not reported. Margin not applicable.

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-95
Fittings: Weighted-average price and quantity data for U.S.-produced and imported product 33[1] from Canada, Mexico, and non-NAFTA countries and margins of under/(overselling), by quarters, January 1996-June 2001

Period	United States		Canada			Mexico			Non-NAFTA imports		
	Price *(per unit)*	Quantity *(units)*	Price *(per unit)*	Qty *(units)*	Margin *(percent)*	Price *(per unit)*	Qty *(units)*	Margin *(percent)*	Price *(per unit)*	Qty *(units)*	Margin *(percent)*
1996:											
Jan.-Mar.	$9.78	9,676	(2)	(2)	(2)	(2)	(2)	(2)	$***	***	***
Apr.-June	9.44	7,705	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
July-Sept.	9.02	13,651	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Oct.-Dec.	8.02	12,064	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
1997:											
Jan.-Mar.	7.97	11,525	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Apr.-June	7.58	11,534	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
July-Sept.	7.62	10,588	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Oct.-Dec.	7.48	11,488	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
1998:											
Jan.-Mar.	7.15	9,882	(2)	(2)	(2)	$***	***	***	***	***	***
Apr.-June	6.58	10,803	(2)	(2)	(2)	***	***	***	***	***	***
July-Sept.	6.70	7,907	(2)	(2)	(2)	***	***	***	***	***	***
Oct.-Dec.	6.19	7,164	(2)	(2)	(2)	***	***	***	***	***	***
1999:											
Jan.-Mar.	5.72	10,349	(2)	(2)	(2)	***	***	***	***	***	***
Apr.-June	5.21	9,021	(2)	(2)	(2)	***	***	***	***	***	***
July-Sept.	5.32	9,487	(2)	(2)	(2)	***	***	***	***	***	***
Oct.-Dec.	5.91	9,567	(2)	(2)	(2)	***	***	***	***	***	***
2000:											
Jan.-Mar.	6.97	8,787	(2)	(2)	(2)	***	***	***	***	***	***
Apr.-June	7.58	4,555	(2)	(2)	(2)	***	***	***	***	***	***
July-Sept.	7.51	4,742	(2)	(2)	(2)	***	***	***	***	***	***
Oct.-Dec.	7.15	5,528	(2)	(2)	(2)	***	***	***	***	***	***
2001:											
Jan.-Mar.	6.48	6,958	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***
Apr.-June	5.98	7,003	(2)	(2)	(2)	(2)	(2)	(2)	***	***	***

[1] Stainless steel butt-weld pipe fittings; finished 90 degree long-radius elbows, welded 2 inch nominal outside diameter, grade 316/316L dual-certified.
[2] Price and quantity data not reported. Margin not applicable.

Source: Compiled from data submitted in response to Commission questionnaires.

Figure STAINLESS-7
Slabs/ingots: Weighted-average f.o.b. prices for U.S.-produced and imported product 23 from Canada and non-NAFTA countries, by quarters, January 1996-June 2001

*   *   *   *   *   *   *

Figure STAINLESS-8
Plate: Weighted-average f.o.b. prices for U.S.-produced and imported product 24 from non-NAFTA countries, by quarters, January 1996-June 2001

*   *   *   *   *   *   *

Figure STAINLESS-9
Bar: Weighted-average f.o.b. prices for U.S.-produced and imported product 25A from Canada and non-NAFTA countries, by quarters, January 1996-June 2001

*   *   *   *   *   *   *

Figure STAINLESS-10
Bar: Weighted-average f.o.b. prices for U.S.-produced and imported product 25B from non-NAFTA countries, by quarters, January 1996-June 2001

*   *   *   *   *   *   *

Figure STAINLESS-11
Rod: Weighted-average f.o.b. prices for U.S.-produced and imported product 26 from non-NAFTA countries, by quarters, January 1996-June 2001

*   *   *   *   *   *   *

Figure STAINLESS-12
Tool: Weighted-average f.o.b. prices for U.S.-produced and imported product 27 from Canada and non-NAFTA countries, by quarters, January 1996-June 2001

*   *   *   *   *   *   *

Figure STAINLESS-13
Wire: Weighted-average f.o.b. prices for U.S.-produced and imported product 28 from non-NAFTA countries, by quarters, January 1996-June 2001

Figure STAINLESS-14
Cloth: Weighted-average f.o.b. prices for imported product 29 from Canada and non-NAFTA countries, by quarters, January 1996-June 2001

*   *   *   *   *   *   *

Figure STAINLESS-15
Rope: Weighted-average f.o.b. prices for U.S.-produced and imported product 30 from non-NAFTA countries, by quarters, January 1996-June 2001

*   *   *   *   *   *   *

Figure STAINLESS-16
Seamless tubular: Weighted-average f.o.b. prices for U.S.-produced and imported product 31 from non-NAFTA countries, by quarters, January 1996-June 2001

*   *   *   *   *   *   *

Figure STAINLESS-17
Welded tubular: Weighted-average f.o.b. prices for U.S.-produced and imported product 32 from Canada and non-NAFTA countries, by quarters, January 1996-June 2001

* * * * * * *

Figure STAINLESS-18
Fittings: Weighted-average f.o.b. prices for U.S.-produced and imported product 33 from Mexico and non-NAFTA countries, by quarters, January 1996-June 2001

* * * * * * *

Price Trends

Price trends are summarized below in table STAINLESS-96. For several of the domestic price series, prices generally fell during 1996-98 and the first half of 1999. Prices generally increased during the second half of 1999 through the first half of 2000, then fell during the rest of the period. In some cases the import price series were relatively correlated with the domestic price series (*i.e.*, bar, rod, wire, and welded tubular). Instances of underselling/overselling are summarized in tables STAINLESS-97-107.

Table STAINLESS-96
Overall trends in weighted-average prices for stainless products, by sources and by products, January 1996-June 2001

Product	United States	Imports from Canada	Imports from Mexico	Non-NAFTA Imports
	Percent change			
Slabs/ingots	-19.6	-28.9	-	-7.9
Plate	***	-	-	***
Bar	***	-37.7	-	***
Rod	-22.4	-	-	-31.8
Tool	-5.6	-3.8	-	-36.3
Wire	-15.8	-	-	10.4
Cloth	-	-19.9	-	***
Rope	-18.5	-	-	***
Seamless tubular	-18.2	-	-	***
Welded tubular	-32.7	-46.6	-	-48.2
Fittings	-38.9	-	2.0	-43.3
Source: Compiled from data submitted in response to Commission questionnaires.				

Table STAINLESS-97
Slabs/ingots: Summary of instances of underselling/overselling for imports from Canada, Mexico, and non-NAFTA countries, January 1996-June 2001

Country	Underselling		Overselling	
	Instances (*number*)	Range (*percent*)	Instances (*number*)	Range (*percent*)
Canada	21	21.1 - 41.5	-	-
Mexico	-	-	-	-
Non-NAFTA countries	18	18.7 - 48.7	2	1.4 - 5.2

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-98
Plate: Summary of instances of underselling/overselling for imports from Canada, Mexico, and non-NAFTA countries, January 1996-June 2001

Country	Underselling		Overselling	
	Instances (*number*)	Range (*percent*)	Instances (*number*)	Range (*percent*)
Canada	-	-	-	-
Mexico	-	-	-	-
Non-NAFTA countries	13	1.8 - 22.8	9	3.6 - 34.4

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-99
Bar: Summary of instances of underselling/overselling for imports from Canada, Mexico, and non-NAFTA countries, January 1996-June 2001

Country	Underselling		Overselling	
	Instances (*number*)	Range (*percent*)	Instances (*number*)	Range (*percent*)
Canada	7	3.0 - 15.7	3	6.7 - 26.2
Mexico	-	-	-	-
Non-NAFTA countries	40	0.1 - 51.8	3	0.1 - 9.6

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-100
Rod: Summary of instances of underselling/overselling for imports from Canada, Mexico, and non-NAFTA countries, January 1996-June 2001

Country	Underselling		Overselling	
	Instances (*number*)	Range (*percent*)	Instances (*number*)	Range (*percent*)
Canada	-	-	-	-
Mexico	-	-	-	-
Non-NAFTA countries	22	6.5 - 23.0	-	-

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-101
Tool: Summary of instances of underselling/overselling for imports from Canada, Mexico, and non-NAFTA countries, January 1996-June 2001

Country	Underselling		Overselling	
	Instances (*number*)	Range (*percent*)	Instances (*number*)	Range (*percent*)
Canada	11	0.1 - 29.2	-	-
Mexico	-	-	-	-
Non-NAFTA countries	9	2.3 - 16.5	13	0.2 - 49.5
Source: Compiled from data submitted in response to Commission questionnaires.				

Table STAINLESS-102
Wire: Summary of instances of underselling/overselling for imports from Canada, Mexico, and non-NAFTA countries, January 1996-June 2001

Country	Underselling		Overselling	
	Instances (*number*)	Range (*percent*)	Instances (*number*)	Range (*percent*)
Canada	-	-	-	-
Mexico	-	-	-	-
Non-NAFTA countries	20	5.4 - 32.1	2	3.5 - 20.8
Source: Compiled from data submitted in response to Commission questionnaires.				

Table STAINLESS-103
Cloth: Summary of instances of underselling/overselling for imports from Canada, Mexico, and non-NAFTA countries, January 1996-June 2001

Country	Underselling		Overselling	
	Instances (*number*)	Range (*percent*)	Instances (*number*)	Range (*percent*)
Canada	-	-	-	-
Mexico	-	-	-	-
Non-NAFTA countries	-	-	-	-
Source: Compiled from data submitted in response to Commission questionnaires.				

Table STAINLESS-104
Rope: Summary of instances of underselling/overselling for imports from Canada, Mexico, and non-NAFTA countries, January 1996-June 2001

Country	Underselling		Overselling	
	Instances (*number*)	Range (*percent*)	Instances (*number*)	Range (*percent*)
Canada	-	-	-	-
Mexico	-	-	-	-
Non-NAFTA countries	22	50.3 - 71.5	-	-
Source: Compiled from data submitted in response to Commission questionnaires.				

Table STAINLESS-105

Seamless tubular: Summary of instances of underselling/overselling for imports from Canada, Mexico, and non-NAFTA countries, January 1996-June 2001

Country	Underselling		Overselling	
	Instances (*number*)	Range (*percent*)	Instances (*number*)	Range (*percent*)
Canada	-	-	-	-
Mexico	-	-	-	-
Non-NAFTA countries	20	6.6 - 75.6	1	47.4

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-106

Welded tubular: Summary of instances of underselling/overselling for imports from Canada, Mexico, and non-NAFTA countries, January 1996-June 2001

Country	Underselling		Overselling	
	Instances (*number*)	Range (*percent*)	Instances (*number*)	Range (*percent*)
Canada	7	1.9 - 9.9	15	1.4 - 18.2
Mexico	-	-	-	-
Non-NAFTA countries	7	0.5 - 18.5	15	2.8 - 42.7

Source: Compiled from data submitted in response to Commission questionnaires.

Table STAINLESS-107

Fittings: Summary of instances of underselling/overselling for imports from Canada, Mexico, and non-NAFTA countries, January 1996-June 2001

Country	Underselling		Overselling	
	Instances (*number*)	Range (*percent*)	Instances (*number*)	Range (*percent*)
Canada	-	-	-	-
Mexico	12	36.7 - 51.8	-	-
Non-NAFTA countries	22	23.7 - 51.8	-	-

Source: Compiled from data submitted in response to Commission questionnaires.

FACTORS AFFECTING THE DOMESTIC INDUSTRY

The Commission requested information from U.S. producers regarding factors that are having an adverse impact on the operation of the domestic industry. The reported factors and number of U.S. producers indicating each are presented in table STAINLESS-108.

Table STAINLESS-108
U.S. producers' assessment of factors affecting the domestic industry

Slabs/ ingots	Plate	Bar	Rod	Tool	Wire	Cloth	Rope	Seamless tubular	Welded tubular	Fittings
Imports										
6	3	10	3	5	13	***	3	5	10	14
General economic turndown in the United States										
1		1	1	2	2	***	0	0	0	1
Strong U.S. dollar relative to other foreign currencies										
1	0	1	0	2	2	***	0	2	2	1
Asian financial crisis										
0	0	0	0	0	3	***	2	1	1	2
Inefficiencies of some U.S. producers										
0	0	0	1	0	0	***	0	0	0	0
Global steel overcapacity										
0	0	0	0	0	0	***	1	0	0	0
Increased Federal and State regulations and/or taxes										
1	0	1	1	2	0	***	0	1	0	0
Increased energy costs										
3	0	3	1	2	2	***	0	4	1	0
Increased labor costs										
1	0	1	0	2	0	***	0	0	0	0
Increasing raw material costs										
1	0	2	0	0	1	***	0	2	0	0
Labor strikes										
0	0	0	0	0	0	***	0	0	1	0
Oligopolistic U.S. market/little competition among U.S. producers										
0	0	0	0	0	1	***	0	0	0	0
Unavailability or difficulty of obtaining the product in the U.S. market										
1	0	0	0	0	1	***	0	1	0	0
Number of reported U.S. producers										
11	8	17	5	13	27	***	4	5	11	17

Source: Compiled from data submitted in response to Commission questionnaires.

COMPETITIVE EFFORTS AND PROPOSED ADJUSTMENTS

COMPETITIVE EFFORTS

In the Commission's questionnaire, U.S. producers were asked to report any efforts made by their firm to compete more effectively in the U.S. market for steel products. The reported efforts and number of U.S. producers reporting each are presented in table STAINLESS-109.

Table STAINLESS-109
U.S. producers' reported competitive efforts

Slabs/ ingots	Plate	Bar	Rod	Tool	Wire	Cloth	Rope	Seamless tubular	Welded tubular	Fittings
No reported efforts										
5	3	4	1	7	10	***	1	1	2	3
Additional capital investment										
5	5	8	2	7	13	***	1	4	6	12
Cost reductions										
0	1	0	0	1	1	***	0	2	2	2
Reduction in work force										
1	1	3	3	2	6	***	3	0	2	4
R&D										
0	0	1	1	0	1	***	0	0	0	1
Utilization of e-commerce to reduce transaction costs or increase sales										
1	1	2	1	0	1	***	0	0	0	0
Attained ISO certification										
1	1	2	0	0	1	***	1	0	0	1
Developed new or innovative product lines										
0	0	0	0	0	0	***	0	1	0	1
Increased employee training										
1	0	3	1	0	1	***	1	3	1	1
Increased productivity/speed in manufacturing process										
0	1	0	0	0	2	***	1	0	0	1
Chapter 11 bankruptcy protection										
1	0	2	1	1	1	***	0	0	0	0
Shutdown or relocation of manufacturing facilities										
0	1	2	1	1	2	***	1	0	2	1
Merger or industry consolidation										
1	2	3	1	0	1	***	1	0	1	1
Importation of low priced imports/use of foreign raw material										
0	0	1	0	0	1	***	1	0	0	1
Number of reported U.S. producers										
11	8	17	5	13	27	***	4	5	11	17

Source: Compiled from data submitted in response to Commission questionnaires.

PROPOSED ADJUSTMENTS

The Commission requested U.S. producers to indicate whether they would make any adjustments in their steel operations if they were to receive import relief that would permit them to compete more effectively with imports of steel products after such relief expires. The reported adjustments and number of U.S. producers indicating each are presented in table STAINLESS-110.

Table STAINLESS-110
U.S. producers' proposed adjustments

Slabs/ ingots	Plate	Bar	Rod	Tool	Wire	Cloth	Rope	Seamless tubular	Welded tubular	Fittings
No reported adjustments										
5	4	7	2	9	15	***	2	4	2	5
Additional capital investment										
6	4	7	1	5	8	***	1	2	9	11
Further cost reductions										
0	0	1	1	0	2	***	1	0	1	1
R&D										
0	0	1	0	0	0	***	0	0	1	0
Increase production										
0	0	0	0	0	1	***	0	0	0	0
Utilization of e-commerce to reduce transaction costs or increase sales										
0	1	0	0	0	0	***	0	0	1	3
Develop new or innovative product lines										
0	1	2	0	0	0	***	0	0	1	0
Increase employee training										
0	0	2	0	0	0	***	0	1	2	1
Increase employment										
0	1	0	0	0	0	***	0	0	1	0
Relocation or closing of facility										
0	0	0	0	0	0	***	0	0	0	1
Number of reported U.S. producers										
11	8	17	5	13	27	***	4	5	11	17

Source: Compiled from data submitted in response to Commission questionnaires.

APPENDIX A

FEDERAL REGISTER NOTICES

INTERNATIONAL TRADE COMMISSION

[Investigation No. TA–201–73]

Steel

AGENCY: United States International Trade Commission.

ACTION: Institution and scheduling of an investigation under section 202 of the Trade Act of 1974 (19 U.S.C. 2252) (the Act).

SUMMARY: Following receipt of a request from the United States Trade Representative on June 22, 2001, the Commission instituted investigation No. TA–201–73 under section 202 of the Act to determine whether certain steel products,[1] are being imported into the United States in such increased quantities as to be a substantial cause of serious injury, or the threat thereof, to the domestic industry producing an article like or directly competitive with the imported article.

For further information concerning the conduct of this investigation, hearing procedures, and rules of general application, consult the Commission's Rules of Practice and Procedure, part 201, subparts A through E (19 CFR part 201), and part 206, subparts A and B (19 CFR part 206).

EFFECTIVE DATE: June 22, 2001.

FOR FURTHER INFORMATION CONTACT: Vera Libeau (202–205–3176) for general procedural questions; Mary Messer (202–205–3193) for carbon and alloy flat products; D.J. Na (202–708–4727) for carbon and alloy long products; Christopher Cassise (202–708–5408) for carbon and alloy tubular products and fittings and specialty products, Office of Investigations, U.S. International Trade Commission, 500 E Street SW, Washington, DC 20436. Hearing-impaired persons can obtain information on this matter by contacting the Commission's TDD terminal on 202–205–1810. Persons with mobility impairments who will need special assistance in gaining access to the Commission should contact the Office of the Secretary at 202–205–2000. General information concerning the Commission may also be obtained by accessing its internet server (http://www.usitc.gov). The public record for this investigation may be viewed on the Commission's electronic docket (EDIS–ON–LINE) at http://dockets.usitc.gov/eol/public.

SUPPLEMENTARY INFORMATION:

Participation in the Investigation and Service List

Persons wishing to participate in the investigation as parties must file an entry of appearance with the Secretary to the Commission, as provided in section 201.11 of the Commission's rules, not later than 21 days after publication of this notice in the **Federal Register**. The Secretary will prepare a service list containing the names and addresses of all persons, or their representatives, who are parties to this investigation upon the expiration of the period for filing entries of appearance.

Limited Disclosure of Confidential Business Information (CBI) Under an Administrative Protective Order (APO) and CBI Service List

Pursuant to section 206.17 of the Commission's rules, the Secretary will make CBI gathered in this investigation available to authorized applicants under the APO issued in the investigation, provided that the application is made not later than 21 days after the publication of this notice in the **Federal Register**. A separate service list will be maintained by the Secretary for those parties authorized to receive CBI under the APO.

Hearings on Injury and Remedy

The Commission has scheduled a series of separate hearings in connection with the injury and remedy phases of this investigation. The hearings on injury will begin the week of September 17, 2001, at the U.S. International Trade Commission Building and will continue for additional days to be determined. Requests to appear at the hearings should be filed in writing with the Secretary to the Commission on or before August 22, 2001. Requests should identify the products to be addressed and the amount of time requested. The Commission intends to publish a notice no later than September 5, 2001 concerning specific dates for the hearings and the products that will be the subject of each hearing. All persons desiring to appear at the hearings and make oral presentations should attend a prehearing conference to be held at 9:30 a.m. on September 12, 2001 at the U.S. International Trade Commission Building. In the event that the Commission makes an affirmative injury determination or is equally divided on the question of injury in this investigation, hearings on the question of remedy will begin the week of November 5, 2001 and will continue for additional days to be determined. Requests to appear at these hearings should be filed in writing with the

[1] The request letter and the accompanying annexes listing the covered products by HTS categories are on the Commission's website (http://www.usitc.gov).

Secretary to the Commission on or before October 23, 2001. All persons desiring to appear at the hearings and make oral presentations should attend a prehearing conference to be held at 9:30 a.m. on October 30, 2001 at the U.S. International Trade Commission Building. Oral testimony and written materials to be submitted at the hearings are governed by sections 201.6(b)(2) and 201.13(f) of the Commission's rules. Parties must submit any request to present a portion of their hearing testimony *in camera* no later than 7 days prior to the dates of the hearings.

Written Submissions

Each party is encouraged to submit a prehearing brief to the Commission. The deadline for filing prehearing briefs on injury is September 10, 2001; that for filing prehearing briefs on remedy, including any commitments pursuant to 19 U.S.C. 2252(a)(6)(B), is October 29, 2001. Parties may also file posthearing briefs. The deadline for filing posthearing briefs on injury will be announced at the hearings; that for filing posthearing briefs on remedy will also be announced at the hearings. In addition, any person who has not entered an appearance as a party to the investigation may submit a written statement of information pertinent to the consideration of injury by a date to be announced at the hearings, and pertinent to the consideration of remedy also by a date to be announced at the hearings. All written submissions must conform with the provisions of section 201.8 of the Commission's rules; any submissions that contain confidential business information must also conform with the requirements of section 201.6 of the Commission's rules. The Commission's rules do not authorize filing of submissions with the Secretary by facsimile or electronic means.

In accordance with section 201.16(c) of the Commission's rules, each document filed by a party to the investigation must be served on all other parties to the investigation (as identified by the service list), and a certificate of service must be timely filed. The Secretary will not accept a document for filing without a certificate of service.

Authority: This investigation is being conducted under the authority of section 202 of the Trade Act of 1974; this notice is published pursuant to section 206.3 of the Commission's rules.

Issued: June 28, 2001.

By order of the Commission.

Donna R. Koehnke,

Secretary.

[FR Doc. 01–16779 Filed 7–2–01; 8:45 am]

BILLING CODE 7020–02–P

INTERNATIONAL TRADE COMMISSION

[Investigation No. TA–201–73]

Steel

AGENCY: United States International Trade Commission.

ACTION: Consolidation of Senate Finance Committee Resolution requesting a section 201 investigation with the investigation requested by the United States Trade Representative on June 22, 2001.

SUMMARY: On July 26, 2001, the Commission received a resolution adopted by the Committee on Finance of the United States Senate requesting that the Commission investigate certain steel imports under Section 201 of the Trade Act of 1974 (19 U.S.C. 2251). The resolution provides that the Committee shall promptly investigate whether certain steel products are being imported into the United States in such increased quantities as to be a substantial cause of serious injury, or the threat thereof, to each of the domestic industries identified in the resolution as manufacturing products that are like or directly competitive with the imported products. In its resolution, the Senate Finance Committee refers to the Commission's ongoing investigation No. TA–201–73, which was instituted June 22, 2001, following receipt of a request from the Office of the U.S. Trade Representative.

The Committee does not request a second investigation, a change in the scope of the present investigation, or any change in Commission procedures with respect to the current investigation. Instead, the Committee in Section 4 of the resolution states that, "in order to avoid hindering the important progress already made in the International Trade Commission's ongoing global safeguard investigation of certain steel products, the Commission is instructed to exercise its authority under section 603 of the Trade Act of 1974 to consolidate the investigation requested in this resolution with the investigation requested by the United States Trade Representative on June 22, 2001, in a manner that does not alter or delay the investigation schedule established pursuant to the earlier request."

Consistent with the Senate Finance Committee's resolution, we are consolidating the investigation requested by the Committee with the Commission's previously-instituted investigation No. TA–201–73.

For further information concerning the conduct of this investigation, hearing procedures, and rules of general application, consult the Commission's Rules of Practice and Procedure, part 201, subparts A through E (19 CFR part 201), and part 206, subparts A and B (19 CFR part 206).

EFFECTIVE DATE: July 26, 2001.

FOR FURTHER INFORMATION CONTACT: Vera Libeau (202–205–3176), Office of Investigations, U.S. International Trade Commission, 500 E Street SW., Washington, DC 20436. Hearing-impaired persons can obtain information on this matter by contacting the Commission's TDD terminal on 202–205–1810. Persons with mobility impairments who will need special assistance in gaining access to the Commission should contact the Office of the Secretary at 202–205–2000. General information concerning the Commission may also be obtained by accessing its internet server (http://www.usitc.gov). The public record for this investigation may be viewed on the Commission's electronic docket (EDIS–ON–LINE) at http://dockets.usitc.gov/eol/public.

Issued: August 16, 2001.

By order of the Commission.

Donna R. Koehnke,

Secretary.

[FR Doc. 01–21122 Filed 8–21–01; 8:45 am]

BILLING CODE 7020–02–U

INTERNATIONAL TRADE COMMISSION

[Investigation No. TA–201–73]

Steel; Correction

AGENCY: International Trade Commission.

ACTION: Correction notice for the subject investigation.

SUMMARY: On August 22, 2001, the Commission published in the **Federal Register** (66 FR 44158) notice of consolidation of an investigation on certain steel imports under section 201 of the Trade Act of 1974 (19 U.S.C. 2251) requested by the Committee on Finance of the United States Senate with the Commission's previously-instituted investigation No. TA–201–73. Accordingly, the Commission gives notice of a needed correction to the above mentioned notice. The wording "Committee" mentioned under the summary heading in the second sentence of the second paragraph should be "Commission."

EFFECTIVE DATE: August 22, 2001.

FOR FURTHER INFORMATION CONTACT: Vera Libeau (202–205–3176), Office of Investigations, U.S. International Trade Commission, 500 E Street SW., Washington, DC 20436. Hearing-impaired persons can obtain information on this matter by contacting the Commission's TDD terminal on 202–205–1810. Persons with mobility impairments who will need special assistance in gaining access to the Commission should contact the Office of the Secretary at 202–205–2000. General information concerning the Commission may also be obtained by accessing its internet server (http://www.usitc.gov).

The public record for this investigation may be viewed on the Commission's electronic docket (EDIS–ON–LINE) at http://dockets.usitc.gov/eol/public.

By order of the Commission.

Issued: August 22, 2001.

Donna R. Koehnke,

Secretary.

[FR Doc. 01–21640 Filed 8–27–01; 8:45 am]

BILLING CODE 7020–02–P

INTERNATIONAL TRADE COMMISSION

[Investigation No. TA-201-73]

Steel

AGENCY: United States International Trade Commission.

ACTION: Scheduling of public hearing in Merrillville, Indiana.

SUMMARY: The Commission hereby gives notice of the scheduling of a public hearing in Merrillville, Indiana, in connection with investigation No. TA-201-73, Steel, under section 202(b) of the Trade Act of 1974 ("Trade Act") (19 U.S.C. 2252(b)). The hearing will be held at the Radisson Hotel at Star Plaza (800 East 81st Avenue, Merrillville, Indiana 46410) on Friday, October 5, 2001, beginning at 9:00 a.m.

For further information concerning the conduct of this investigation, hearing procedures, and rules of general application, consult the Commission's rules of practice and procedure, part 201, subparts A through E (19 CFR part 201), and part 206, subparts A and B (19 CFR part 206).

EFFECTIVE DATE: August 28, 2001.

FOR FURTHER INFORMATION CONTACT: Vera Libeau (202-205-3176), Office of Investigations, U.S. International Trade Commission, 500 E Street SW., Washington, DC 20436. Hearing-impaired persons can obtain information on this matter by contacting the Commission's TDD terminal on 202-205-1810. Persons with mobility impairments who will need special assistance in gaining access to the hearing should contact the Office of the Secretary at 202-205-2000. Media should contact Peg O'Laughlin (202-205-1819), Office of External Relations. General information concerning the Commission may also be obtained by accessing its internet server (*http://www.usitc.gov*). The public record for this investigation may be viewed on the Commission's electronic docket (EDIS-ON-LINE) at *http://dockets.usitc.gov/eol/public*.

SUPPLEMENTARY INFORMATION:

Background.—Following receipt of a request from the United States Trade Representative on June 22, 2001, the Commission instituted investigation No. TA-201-73 to determine whether certain steel products [1] are being imported into the United States in such increased quantities as to be a substantial cause of serious injury, or the threat thereof, to the domestic industry producing an article like or directly competitive with the imported article.[2]

Hearings.—As noted in its notice of institution (July 3, 2001, 66 FR 35,267), the Commission will hold hearings in connection with this investigation beginning the week of September 17, 2001, at the U.S. International Trade Commission Building. The Commission intends to publish a notice by September 5, 2001, announcing the schedule of the Washington, DC hearings. In addition, the Commission has determined that it will hold an additional hearing on October 5, 2001, at the Radisson Hotel at Star Plaza (800 East 81st Avenue, Merrillville, Indiana 46410), beginning at 9:00 a.m. Requests to appear at this additional hearing and the names of witnesses should be filed in writing with the Secretary to the Commission, 500 E Street, SW., Washington, DC 20436, no later than 5:15 p.m., September 21, 2001. Persons testifying at the October 5th hearing are encouraged to file written statements before the hearing; the deadline for filing such statements (original and 14 copies) is October 1, 2001. If statements are submitted at the hearing, please provide at least 50 copies.

The purpose of the October 5th hearing is to receive testimony directly from persons who did not participate in the Washington, DC hearings and who have first-hand knowledge of certain issues as set forth below. The Commission requests that witnesses direct their presentations to the following issues: (1) The state of the domestic steel industry or industries (*e.g.*, employment levels, including unemployment or underemployment; worker training; level of commercial activity at productive facilities); (2) the influence of imports or other factors on the state of the domestic steel industry or industries; (3) the conditions of competition (*e.g.*, the business cycle, domestic demand); and (4) the similarities and differences between and among specific steel products with regard to physical characteristics, uses, manufacturing process, channels of distribution, and substitutability. Requests to appear at the hearing should identify the above-listed categories and the products to be addressed and the amount of time requested. After

[1] The June 22, 2001, request letter from the United States Trade Representative and the accompanying annexes listing the covered products by HTS categories are on the Commission's website (http://www.usitc.gov).

[2] On July 26, 2001, the Commission received a resolution from the Committee on Finance of the United States Senate for an investigation of the same scope. Pursuant to section 603 of the Trade Act, the Commission consolidated the investigation requested by the Committee with the ongoing investigation.

receiving these requests, Commission staff will notify participants of their time allotments. The Commission does not intend this hearing to serve as an opportunity for rebuttal to testimony presented at the Washington, DC hearings.

Oral testimony and written materials to be submitted at this public hearing are governed by §§ 201.6(b)(2) and 201.13(f) of the Commission's rules. In light of the nature of this hearing, the Commission makes no provision for *in camera* testimony or for filing pre-hearing and post-hearing briefs.

Authority: This investigation is being conducted under the authority of section 202 of the Trade Act of 1974; this notice is published pursuant to section 206.3 of the Commission's rules.

Issued: August 29, 2001.

By order of the Commission.

Donna R. Koehnke,

Secretary.

[FR Doc. 01–22185 Filed 9–4–01; 8:45 am]

BILLING CODE 7020–02–P

INTERNATIONAL TRADE COMMISSION

[Investigation No. TA–201–73]

Steel

AGENCY: United States International Trade Commission.

ACTION: Scheduling of public hearings for the injury phase of the investigation.

SUMMARY: In accordance with the Commission's notice of institution of investigation No. TA–201–73, Steel (66 FR 35267, July 3, 2001), this notice sets forth the schedule for the public hearings to be conducted during the injury phase of the Commission's investigation.

For further information concerning the conduct of this investigation, hearing procedures, and rules of general application, consult the Commission's Rules of Practice and Procedure, part 201, subparts A through E (19 CFR part 201), and part 206, subparts A and B (19 CFR part 206).

EFFECTIVE DATE: August 29, 2001.

FOR FURTHER INFORMATION CONTACT: Vera Libeau (202–205–3176), Office of Investigations, U.S. International Trade Commission, 500 E Street SW, Washington, DC 20436. Hearing-impaired persons can obtain information on this matter by contacting the Commission's TDD terminal on 202–205–1810. Persons with mobility impairments who will need special assistance in gaining access to the Commission should contact the Office of the Secretary at 202–205–2000. Media should contact Peg O'Laughlin (202–205–1819), Office of External Relations. General information concerning the Commission may also be obtained by accessing its internet server(*http://www.usitc.gov*).The public record for this investigation may be viewed on the Commission's electronic docket (EDIS-ON-LINE) at*http://dockets.usitc.gov/eol/public.*

SUPPLEMENTARY INFORMATION:

Background

Following receipt of a request from the United States Trade Representative on June 22, 2001, the Commission instituted investigation No. TA–201–73 under section 202 of the Trade Act of 1974 (19 U.S.C. 2252) to determine whether certain steel products [1] are being imported into the United States in such increased quantities as to be a substantial cause of serious injury, or the threat thereof, to the domestic industry producing an article like or directly competitive with the imported article.[2]

Hearings on Injury

The Commission has announced the following schedule of public hearings in connection with the injury phase of this investigation. The tabulation below shows the dates of the hearings, the starting times, the product(s) or issues to be addressed, the time allotted to the parties for their presentations, and the filing deadlines for the list of witnesses to appear at the hearings. Commission rule 201.13(d) will be strictly enforced.

Date of hearing	Starting time	Product(s)/issues to be addressed and time allocations	Deadline to file list of witnesses
Monday, September 17, 2001.	8:45 a.m.	—Congressional and Embassy presentations as requested	September 10.
		—Opening arguments—20 minutes: Parties in support of relief; 20 minutes: Parties in opposition to relief.	
	To be completed by 5 p.m..	—General arguments and issues common to product categories—90 minutes: Parties in support of relief;90 minutes: Parties in opposition to relief.	

Date of hearing	Starting time	Product(s)/issues to be addressed and time allocations	Deadline to file list of witnesses
Wednesday September 19, 2001.	9:15 a.m	—Congressional and Embassy presentations as requested	September 12.
		—Carbon and alloy flat—slabs.	
		—Carbon and alloy long—Ingots, billets, & blooms	
		45 minutes: Parties in support of relief	
		45 minutes: Parties in opposition to relief	
		—Carbon and alloy flat—Plate.	
		—Carbon and alloy flat—Hot-rolled sheet, strip, and coils	
		45 minutes: Parties in support of relief	
Thursday September 20, 2001.	9:15 a.m.	—Congressional and Embassy presentations as requested	September 12.
		—Carbon and alloy flat—Plate, continued	
		—Carbon and alloy flat—Hot-rolled sheet, strip, and coils, continued	
		45 minutes: Parties in opposition to relief	
		—Carbon and alloy flat—Cold-rolled sheet, strip, other than GOES.	

[1] The June 22, 2001, request letter from the United States Trade Representative and the accompanying annexes listing the covered products by HTS categories are on the Commission's website(*http://www.usitc.gov*).

[2] On July 26, 2001, the Commission received a resolution from the Committee on Finance of the United States Senate for an investigation of steel products with the same scope. Pursuant to section 603 of the Trade Act, the Commission consolidated the investigation requested by the Committee with the ongoing investigation.

Date of hearing	Starting time	Product(s)/issues to be addressed and time allocations	Deadline to file list of witnesses
Monday September 24, 2001.	9:15 a.m.	—Carbon and alloy flat—GOES. —Carbon and alloy flat—Corrosion-resistant and other coated sheet and strip. —Carbon and alloy flat-Tin mill products 90 minutes: Parties in support of relief 90 minutes: Parties in opposition to relief —Congressional and Embassy presentations as requested	September 17.
Tuesday September 25, 2001.	9:15 a.m.	—Carbon and alloy long—Hot-rolled bar and light shapes. —Carbon and alloy long—Cold-finished bar. —Carbon and alloy long—Rebar. —Carbon and alloy long—Rails and railway products. —Carbon and alloy long—Heavy structural shapes and sheet piling. —Carbon and alloy long—Fabricated structural units 90 minutes: Parties in support of relief 90 minutes: Parties in opposition to relief —Carbon and alloy long—Wire. —Carbon and alloy long—Strand, rope, cable, and cordage. —Carbon and alloy long—Nails, staples, and woven cloth. —Stainless and tool—Wire. —Stainless and tool—Cloth. —Stainless and tool—Rope 90 minutes: Parties in support of relief —Congressional and Embassy presentations as requested	September 17.
Friday September 28, 2001.	9:15a.m.	—Carbon and alloy long—Wire, continued. —Carbon and alloy long—Strand, rope, cable, and cordage, continued. —Carbon and alloy long—Nails, staples, and woven cloth, continued. —Stainless and tool—Wire, continued. —Stainless and tool—Cloth, continued. —Stainless and tool—Rope, continued 90 minutes: Parties in opposition to relief —Stainless and tool—Slabs/ingots. —Stainless and tool—Cut-to-length plate. —Stainless and tool—Bar and light shapes. —Stainless and tool—Rod. —Stainless and tool—Tool steel 90 minutes: Parties in support of relief 90 minutes: Parties in opposition to relief —Congressional and Embassy presentations as requested	September 21.
Monday October 1, 2001	9:15 a.m.	—Stainless and tool—Seamless tubular products. —Stainless and tool—Welded tubular products. —Stainless and tool—Flanges and fittings 75 minutes: Parties in support of relief 75 minutes: Parties in opposition to relief —Congressional and Embassy presentations as requested —Carbon and alloy tubular—Seamless. —Carbon and alloy tubular—Seamless OCTG. —Carbon and alloy tubular—Welded. —Carbon and alloy tubular—Welded OCTG. —Carbon and alloy tubular—Flanges, fittings, and tool joints 90 minutes: Parties in support of relief 90 minutes: Parties in opposition to relief	September 24.

Oral testimony and written materials to be submitted at the hearings are governed by sections 201.6(b)(2) and 201.13(f) of the Commission's rules. Parties must submit any request to present a portion of their hearing testimony *in camera* no later than 7 days prior to the dates of the hearings.

Written Submissions

Each party is encouraged to submit a prehearing brief to the Commission. Regardless of the product, the deadline for filing all prehearing briefs on injury is September 10, 2001. Parties may also file posthearing briefs. The deadlines for filing posthearing briefs on injury are as follows: September 27, 2001, for briefs regarding carbon and alloy flat products; October 2, 2001, for briefs presenting a summary of general arguments and common issues presented; October 2, 2001, for briefs regarding carbon and alloy long products; October 5, 2001, for briefs regarding stainless and tool steel products; and October 9, 2001, for briefs regarding carbon and alloy tubular products. In addition, any person who has not entered an appearance as a party to the investigation may submit a written statement of information pertinent to the consideration of injury by October 9, 2001. All written submissions must conform with the provisions of section 201.8 of the Commission's rules; any submissions that contain confidential business information must also conform with the requirements of section 201.6 of the Commission's rules. The Commission's rules do not authorize filing of submissions with the Secretary by facsimile or electronic means.

In accordance with section 201.16(c) of the Commission's rules, each document filed by a party to the investigation must be served on all other parties to the investigation (as identified by the service list), and a certificate of service must be timely filed. The Secretary will not accept a document for filing without a certificate of service.

Authority: This investigation is being conducted under the authority of section 202 of the Trade Act of 1974; this notice is published pursuant to section 206.3 of the Commission's rules.

Issued: August 29, 2001.

By order of the Commission.

Donna R. Koehnke,

Secretary.

[FR Doc. 01–22197 Filed 9–4–01; 8:45 am]

BILLING CODE 7020–02–P

INTERNATIONAL TRADE COMMISSION

[Investigation No. TA-201-73]

Steel

AGENCY: United States International Trade Commission.

ACTION: Change in scheduled date for posthearing briefs on injury.

SUMMARY: On September 5, 2001, the Commission published notice of the schedule for the public hearings to be conducted during the injury phase of investigation No. TA-201-73, Steel (66 FR 46469, September 5, 2001). That notice set September 27, 2001 as the deadline for posthearing briefs on injury regarding carbon and alloy flat products. The Commission has changed that deadline to 2 p.m. on September 28, 2001.

EFFECTIVE DATE: September 7, 2001.

FOR FURTHER INFORMATION CONTACT: Vera Libeau (202-205-3176), Office of Investigations, U.S. International Trade Commission, 500 E Street SW, Washington, DC 20436. Hearing-impaired persons can obtain information on this matter by contacting the Commission's TDD terminal on 202-205-1810. Persons with mobility impairments who will need special assistance in gaining access to the Commission should contact the Office of the Secretary at 202-205-2000. Media should contact Peg O'Laughlin (202-205-1819), Office of External Relations. General information concerning the Commission may also be obtained by accessing its internet server (*http://www.usitc.gov*). The public record for this investigation may be viewed on the Commission's electronic docket (EDIS-ON-LINE) at *http://dockets.usitc.gov/eol/public.*

Authority: This investigation is being conducted under the authority of section 202 of the Trade Act of 1974; this notice is published pursuant to section 206.3 of the Commission's rules.

Issued: September 7, 2001.

By order of the Commission.

Donna R. Koehnke,

Secretary.

[FR Doc. 01-22963 Filed 9-12-01; 8:45 am]

BILLING CODE 7020-02-P

INTERNATIONAL TRADE COMMISSION

[Investigation No. TA–201–73]

Steel

AGENCY: United States International Trade Commission.

ACTION: Scheduling of public hearings for the remedy phase of the investigation.

SUMMARY: This notice sets forth the schedule for the public hearings to be conducted during the remedy phase of the Commission's investigation. For further information concerning the conduct of this investigation, hearing procedures, and rules of general application, consult the Commission's Rules of Practice and Procedure, part 201, subparts A through E (19 CFR part 201), and part 206, subparts A and B (19 CFR part 206).

EFFECTIVE DATE: October 23, 2001.

FOR FURTHER INFORMATION CONTACT: Vera Libeau (202–205–3176), Office of Investigations, U.S. International Trade Commission, 500 E Street SW., Washington, DC 20436. Hearing-impaired persons can obtain information on this matter by contacting the Commission's TDD terminal on 202–205–1810. Persons with mobility impairments who will need special assistance in gaining access to the Commission should contact the Office of the Secretary at 202–205–2000. Media should contact Peg O'Laughlin (202–205–1819), Office of External Relations. General information concerning the Commission may also be obtained by accessing its internet server (*http://www.usitc.gov*). The public record for this investigation may be viewed on the Commission's electronic docket (EDIS–ON–LINE) at *http://dockets.usitc.gov/eol/public.*

SUPPLEMENTARY INFORMATION:

Background

Following receipt of a request from the United States Trade Representative on June 22, 2001, the Commission instituted investigation No. TA–201–73 under section 202 of the Trade Act of 1974 (19 U.S.C. 2252) to determine whether certain steel products[1] are being imported into the United States in such increased quantities as to be a substantial cause of serious injury, or the threat thereof, to the domestic industry producing an article like or directly competitive with the imported article.[2] On October 22, 2001, the

[1] The June 22, 2001, request letter from the United States Trade Representative and the accompanying annexes listing the covered products by HTS categories are on the Commission's website (*http://www.usitc.gov*).

[2] On July 26, 2001, the Commission received a resolution from the Committee on Finance of the United States Senate for an investigation of steel products with the same scope. Pursuant to section 603 of the Trade Act, the Commission consolidated the investigation requested by the Committee with the ongoing investigation.

Commission made an affirmative determination or was equally divided with respect to the products identified below.

Hearings on Remedy

The following tabulation shows the dates and starting times of the hearings to be held in connection with the remedy phase of this investigation, the product(s) or issues to be addressed, the time allotted to parties for their presentations, and the filing deadlines for the list of witnesses to appear at the hearings. Commission rule 201.13(d) will be strictly enforced.

Oral testimony and written materials to be submitted at the hearings are governed by sections 201.6(b)(2) and 201.13(f) of the Commission's rules. Parties must submit any request to present a portion of their hearing testimony *in camera* no later than 7 days prior to the dates of the hearings.

Written Submissions

Each party is encouraged to submit a prehearing brief to the Commission. Regardless of the product, the deadline for filing prehearing briefs on remedy is October 29, 2001. Parties may also file posthearing briefs. The deadlines for filing posthearing briefs on remedy are as follows: November 13, 2001, for briefs regarding products and issues addressed at the November 6 hearing; November 14, 2001, for briefs regarding products and issues addressed at the November 8 hearing; and November 15, 2001, for briefs regarding products and issues addressed at the November 9 hearing. In addition, any person who has not entered an appearance as a party to the investigation may submit a written statement of information pertinent to the consideration of remedy by November 15, 2001. All written submissions must conform with the provisions of section 201.8 of the Commission's rules; any submissions that contain confidential business information must also conform with the requirements of section 201.6 of the Commission's rules. The Commission's rules do not authorize filing of submissions with the Secretary by facsimile or electronic means.

Date of hearing	Starting time	Product(s)/issues to be addressed and time allocations	Deadline to file list of witnesses
Tuesday, November 6, 2001	9:30 a.m	Opening arguments 5 minutes: Parties in support of relief 5 minutes: Parties in opposition to relief Carbon and alloy steel slabs; plate; hot-rolled sheet, strip, and coils; cold-rolled sheet and strip other than grain-oriented electrical steel; corrosion-resistant and other coated sheet and strip; and tin mill products. 60 minutes: Parties in support of relief 60 minutes: Parties in opposition to relief.	November 1.
Thursday, November 8, 2001	9:30 a.m	Opening arguments 5 minutes: Parties in support of relief 5 minutes: Parties in opposition to relief Carbon and alloy steel hot-rolled bar and light shapes; cold-finished bar; and rebar. 45 minutes: Parties in support of relief 45 minutes: Parties in opposition to relief. Opening arguments 5 minutes: Parties in support of relief 5 minutes: Parties in opposition to relief. Carbon and alloy steel welded tubular products other than oil country tubular goods; and flanges, fittings, and tool joints. 45 minutes: Parties in support of relief 45 minutes: Parties in opposition to relief.	November 5.
Friday, November 9, 2001	9:30 a.m	Opening arguments 5 minutes: Parties in support of relief 5 minutes: Parties in opposition to relief Stainless steel bar and light shapes; stainless steel rod; tool steel; stainless steel wire; and stainless steel flanges and fittings. 60 minutes: Parties in support of relief 60 minutes: Parties in opposition to relief.	November 6.

In accordance with section 201.16(c) of the Commission's rules, each document filed by a party to the investigation must be served on all other parties to the investigation (as identified by the service list), and a certificate of service must be timely filed. The Secretary will not accept a document for filing without a certificate of service.

Authority: This investigation is being conducted under the authority of section 202 of the Trade Act of 1974; this notice is published pursuant to section 206.3 of the Commission's rules.

By order of the Commission.

Issued: October 24, 2001.

Donna R. Koehnke,

Secretary.

[FR Doc. 01–27133 Filed 10–25–01; 8:45 am]

BILLING CODE 7020–02–P

APPENDIX B

HEARING WITNESSES

CALENDAR OF PUBLIC HEARING

Those listed below appeared as witnesses at the United States International Trade Commission's hearing:

Subject: Steel (Injury Phase)

Investigation No.: TA-201-73

Date and Time: September 17, 2001 - 8:45 a.m.

This session was held in the Commission's Main Hearing Room, 500 E Street, SW, Washington, DC.

CONGRESSIONAL APPEARANCES:

The Honorable Robert C. Byrd, United States Senator, State of West Virginia
The Honorable John D. Rockefeller IV, United States Senator, State of West Virginia
The Honorable Evan Bayh, United States Senator, State of Indiana
The Honorable Peter J. Visclosky, U.S. Congressman, 1st District, State of Indiana
The Honorable Bob Ney, U.S. Congressman, 18th District, State of Ohio

GOVERNOR APPEARANCE:

The Honorable Bob Taft, Governor, State of Ohio

EMBASSY APPEARANCE:

Embassy of Mexico
Washington, DC

Javier Mancera, Minister, Trade Affairs and NAFTA

OPENING REMARKS:

Those in support of relief:

Robert E. Lighthizer, Skadden, Arps, Slate, Meagher & Flom LLP
Roger B. Schagrin, Schagrin Associates
Charles Owen Verrill, Jr., Wiley Rein & Fielding LLP
David A. Hartquist, Collier Shannon Scott, PLLC

Those in opposition to relief:

William H. Barringer, Willkie, Farr & Gallagher
Donald B. Cameron, Kaye Scholer LLP
Joseph W. Dorn, King & Spalding
William Silverman, Hunton & Williams

GENERAL ARGUMENTS AND ISSUES COMMON TO PRODUCT CATEGORIES:

IN SUPPORT OF RELIEF:

Stewart and Stewart
Washington, DC
on behalf of

United Steelworkers of America, AFL-CIO (USWA)

Leo W. Gerard, International President, USWA
George Becker, International President Emeritus, USWA
Lynn Williams, International President Emeritus, USWA
Carol Murphy, USWA, Local 404
Ike Gittlen, USWA, Local 1688
Russell Lovell, USWA, Local 63
Ron Vancheri, USWA, District 10
Paul Whitehead, General Counsel, USWA
William Klinefelter, Legislative and Political Director, USWA
Tom Conway, Secretary, Basic Steel Industry Conference, USWA
Stephen Herzenberg, Executive Director, The Keystone Research Center
Rebecca Woodings, Trade Consultant, Stewart and Stewart

Terence P. Stewart) – OF COUNSEL
Patrick McDonough)

Collier Shannon Scott, PLLC
Washington, DC
on behalf of

Allegheny Ludlum Corp.
AK Steel Corp.
Carpenter Technology Corp.
Crucible Specialty Metals
G.O. Carlson, Inc.
J&L Specialty Steel, Inc.
North American Stainless, Inc.
Slater Steels Corp., Specialty Alloys Division
Timken Latrose Steel Corp.

H.L. Kephart, President and CEO, G.O. Carlson, Inc., and Chairman, Specialty Steel Industry of North America
Patrick J. Magrath, Georgetown Economic Services

David A. Hartquist)
Laurence J. Lasoff) – OF COUNSEL
R. Alan Luberda)

Skadden, Arps, Slate, Meagher & Flom LLP
Washington, DC

and

Dewey Ballantine LLP
Washington, DC
on behalf of

Bethlehem Steel Corp.
United States Steel LLC
LTV Steel Co.
National Steel Corp.

William Noellert, Chief Economist, Dewey Ballantine LLP
Susan Hester, Economist, Dewey Ballantine LLP

Robert E. Lighthizer)
Alan Wm. Wolff)
Kevin M. Dempsey)
James C. Hecht) – OF COUNSEL
Michael Stein)
Jennifer Danner Riccardi)
Stephen P. Vaughn)
Stephen J. Narkin)

Skadden, Arps, Slate, Meagher & Flom LLP
Washington, DC
on behalf of

United States Steel LLC
Bethlehem Steel Corp.

Robert E. Lighthizer)
James C. Hecht) – OF COUNSEL
Stephen P. Vaughn)
Stephen J. Narkin)

Schagrin Associates
Washington, DC
on behalf of

The Committee of Pipe and Tube Imports
Minimill 201 Coalition
American Steel Pipe Division, American Cast Iron Pipe Co.
Alloy Stainless Products Co., Inc.
Anvil International, Inc.
Bitrek Corp.
Bristol Metals
Capitol Manufacturing Co.
Century Tube Corp.
Gallatin Steel Co.
Geneva Steel Co.
Hannibal Industries, Inc.
Independent Steelworkers Union
IPSCO Steel, Inc.
IPSCO Tubulars, Inc.
Koppel Steel Corp., a division of the NS Group
Laclede Steel
Leavitt Tube
LTV Copperweld
Lone Star Steel Co.
Maverick Tube Corp.
Newport Steel Corp., a division of the NS Group
North Star Steel Co.
Northwest Pipe Co.
Nucor Corp.
Phoenix Tube
Premiere Pipe & Tube Group, Inc. and its subsidiaries
Rouge Steel Co.
Searing Industries
Sharon Tube Co.
Steel Dynamics, Inc.
Stupp Corp.
Tex-Tube Co.
Vest, Inc.
Vision Metals
WCI Steel
Weirton Steel Corp.
Wheatland Tube Co.

Roger B. Schagrin) – OF COUNSEL

Wiley Rein & Fielding LLP
Washington, DC
on behalf of

Minimill 201 Coalition
Portec Rail Products, Inc.

Seth Kaplan, Economic Consultant, Charles River Associates

Charles Owen Verrill, Jr.	)
Alan H. Price	) – OF COUNSEL
Timothy C. Brightbill	)

Skadden, Arps, Slate, Meagher & Flom LLP
Washington, DC
on behalf of

United States Steel LLC
Bethlehem Steel Corp.

Robert E. Lighthizer	)
James C. Hecht	) – OF COUNSEL
Stephen P. Vaughn	)
Stephen J. Narkin	)

Harris, Ellsworth & Levin
Washington, DC
on behalf of

Domestic Steel Wire Rope Association

Jeffrey Levin	) – OF COUNSEL

IN OPPOSITION TO RELIEF:

JOINT RESPONDENTS:

Charles Blum, International Advisory Services (Washington representative of the European Confederation of Iron and Steel Industries ("EUROFER")
Donald B. Cameron, Kaye Scholer LLP (on behalf of certain Korean, European and Venezuelan respondents)
Julie C. Mendoza, Kaye Scholer LLP (on behalf of certain Korean, European and Venezuelan respondents)
Richard O. Cunningham, Steptoe & Johnson (on behalf of Corus Group plc)
William Barringer, Willkie Farr & Gallagher (on behalf of certain Japanese, Brazilian and Thai respondents)
James Durling, Willkie Farr & Gallagher (on behalf of certain Japanese, Brazilian, and Thai respondents)
Kenneth J. Pierce, Willkie, Farr & Gallagher (on behalf of certain Japanese, Brazilian, and Thai respondents)
Matthew R. Nicely, Willkie Farr & Gallagher (on behalf of certain Japanese, Brazilian, and Thai respondents)
Thomas Prusa, Rutgers University and Princeton University (on behalf of certain Japanese, Brazilian, and European respondents)
Matthew Mercurio, Economists, Inc. (joint respondents)
Steve Siwek, Economists, Inc. (joint respondents)
Henry McFarland, Economists, Inc. (joint respondents)
Laura Malowane, Economists, Inc. (joint respondents)
John Reilly, Nathan Associates, Inc. (on behalf of certain European respondents)

King & Spalding
Washington, DC
on behalf of

AK Steel Corp.
California Steel Industries, Inc.
Duferco Farrell Corp.
Oregon Steel Mills, Inc.

Paula Stern, President, The Stern Group, Washington, DC

Joseph W. Dorn) – OF COUNSEL

Hogan & Hartson LLP
Washington, DC
on behalf of

Consuming Industries Trade Action Coalition

William E. Sopko, President, Stamco Industries, Inc., Euclid, Ohio
John C. Kennedy, President and CEO, Autocam Corp., Grand Rapids, Michigan
Stuart Cheney, General Counsel, Autocam Corp., Grand Rapids, Michigan

Lewis E. Leibowitz) – OF COUNSEL

Hunton & Williams
Washington, DC
on behalf of

Major Canadian Respondents

William Silverman) – OF COUNSEL

Manatt Phelps & Phillips, LLP
Washington, DC

and

White & Case LLP
Washington, DC
on behalf of

Major Mexican Respondents

Jeffrey S. Neeley)
Walter J. Spak) – OF COUNSEL

Pepper Hamilton LLP
Washington, DC
on behalf of

Novolipetsk Iron & Steel Corp.

Gregory C. Dorris) – OF COUNSEL

CALENDAR OF PUBLIC HEARING

Those listed below appeared as witnesses at the United States International Trade Commission's hearing:

Subject: Steel (Injury Phase)

Investigation No.: TA-201-73

Date and Time: September 19, 2001 - 9:15 a.m.

This session was held in the Commission's Main Hearing Room, 500 E Street, SW, Washington, DC.

CONGRESSIONAL APPEARANCES:

The Honorable Ralph Regula, U.S. Congressman, 16th District, State of Ohio
Bill Richard, Chief of Staff on behalf of the Honorable James L. Oberstar, U.S. Congressman, 8th District, State of Minnesota
The Honorable Robert L. Ehrlich, Jr., U.S. Congressman, 20th District, State of Maryland
The Honorable Phil English, U.S. Congressman, 21st District, State of Pennsylvania

HOUSE OF COMMONS APPEARANCE:

The Honorable Tony Valeri, M.P. and Chair, Parliamentary Steel Caucus of Canada, Ottawa, Ontario, Canada

EMBASSY APPEARANCE:

Delegation of the European Commission
Washington, DC
on behalf of

European Union

Gerard Depayre, Deputy Ambassador, European Union

CARBON AND ALLOY SLABS, INGOTS, BILLETS, AND BLOOMS:

IN SUPPORT OF RELIEF:

Dewey Ballantine LLP
Washington, DC

and

Skadden, Arps, Slate, Meagher & Flom LLP
Washington, DC
on behalf of

Bethlehem Steel Corp.
United States Steel LLC
LTV Steel Co.
National Steel Corp.

Thomas Usher, Chairman and CEO, United States Steel LLC
Jerry Hausman, Professor, Massachusetts Institute of Technology
David Beinner, Senior Vice President Commercial, Bethlehem Steel Corp.
David Conrad, Manager, Bethlehem Steel Corp.
Stephen Szymanski, Manager, Sales and Service--Service Centers, United States Steel LLC
Michael Meyers, Marketing Director, Construction Sales, United States Steel LLC
Richard Fruehan, Professor, Carnegie Mellon University
Susan Hester, Economist, Dewey Ballantine LLP
Seth Kaplan, Vice President and Economist, Charles River Associates

Alan Wm. Wolff)
Robert E. Lighthizer)
Kevin M. Dempsey)
James C. Hecht) – OF COUNSEL
Michael H. Stein)
Stephen P. Vaughn)
Jennifer Danner Riccardi)
Stephen J. Narkin)

Schagrin Associates
Washington, DC
on behalf of

Minimill 201 Coalition
Gallatin Steel Co.
Geneva Steel Co.
IPSCO Steel, Inc.
Nucor Corp.
Rouge Steel Co.
Steel Dynamics, Inc.
WCI Steel
Weirton Steel Corp.
Independent Steel Workers Union

Daniel R. DiMicco, President and CEO, Nucor Corp.
Jerry A. Hausman, McDonald Professor of Economics, Massachusetts Institute of Technology

Roger B. Schagrin) – OF COUNSEL

Wiley, Rein & Fielding LLP
Washington, DC
on behalf of

Minimill 201 Coalition

Seth Kaplan, Vice President and Economist, Charles River Associates
Dan DiMicco, President and CEO, Nucor Corp.

Charles Owen Verrill, Jr.)
Alan H. Price) – OF COUNSEL

IN OPPOSITION TO RELIEF:

King & Spalding
Washington, DC
on behalf of

AK Steel Corp.
California Steel Industries, Inc.
Oregon Steel Mills, Inc.
Duferco Farrell Corp.

John Hritz, Executive Vice President, AK Steel Corp.
Ernie Rummler, Vice President, Manufacturing, Planning, and Steel Sourcing, AK Steel Corp.
Lourenco Goncalves, President and Chief Executive Officer, California Steel Industries, Inc.
Robert D. Miller, Treasurer, Duferco Farrell Corp.
Joe Corvin, President, Chief Executive Officer, and Director, Oregon Steel Mills, Inc.
Steven Rowan, Vice President, Materials and Transportation, Oregon Steel Mills, Inc.
Andrew Wechsler, Managing Director, LECG, LLC
Andrew Szamosszegi, Managing Consultant, LECG, LLC

Joseph W. Dorn)
Duane Layton) – OF COUNSEL

Willkie Farr & Gallagher
Washington, DC
on behalf of

W. Fergus Porter, President, Connecticut Steel

Willkie Farr & Gallagher
Washington, DC
on behalf of

Brazilian Iron and Steel Institute
Companhia Siderurgica de Tubarao, S.A.
Acos Mina Gerais, S.A.
Companhia Siderurgica Nacional
Companhia Siderurgica Paulista
Usinas Siderurgica de Minas Gerais

Gustavo Humberto Fontana Pinto, Sales General Manager, Companhia Siderurgica Tubarao, S.A.
Thomas J. Prusa, Professor, Rutgers University and Princeton University

William H. Barringer)
Christopher Dunn) – OF COUNSEL
Daniel L. Porter)

Wilmer, Cutler & Pickering
Washington, DC
on behalf of

BHP Steel (AIS) Pty, Ltd.
BHP Steel (JLA) Pty, Ltd.
BHP New Zealand Steel, Ltd.
BHP Steel Americas, Inc.

Lance Hockridge, President, BHP Steel
Brendan Lacey, Counsel, BHP Steel

John D. Greenwald)
John-Alex Romano) – OF COUNSEL
Leonard M. Shambon)

Kalik Lewin
Washington, DC
on behalf of

Azovstal Iron and Steel Works
Ilyich Iron and Steel Works

Martin J. Lewin) – OF COUNSEL

Kirkland & Ellis
Washington, DC
on behalf of

China Iron and Steel Association
China Chamber of Commerce of Metals, Minerals & Chemicals Importers and Exporters

Paul F. Brinkman) – OF COUNSEL

Kaye Scholer LLP
Washington, DC
on behalf of

Siderurgica del Turbio S.A. ("Sidetur")

Donald B. Cameron)
Julia C. Mendoza) – OF COUNSEL

Kalik Lewin
Washington, DC
on behalf of

ISTIL

Martin J. Lewin) – OF COUNSEL

Pepper Hamilton LLP
Washington, DC
on behalf of

Novolipetsk Iron & Steel Corp.

Andrei R. Petrossian, Deputy General Counsel, Novolipetsk Iron & Steel Corp.

Gregory C. Dorris) – OF COUNSEL

Cameron & Hornbostel LLP
Washington, DC
on behalf of

Stelco, Inc.

Donald K. Belch, Director of Government Relations, Stelco, Inc.

William K. Ince)
Yong Lee) – OF COUNSEL

Thompson Coburn LLP
Washington, DC
on behalf of

Ispat Mexicana, S.A. de C.V. ("Imexsa")

P.S. Venkataramanan, Vice President of Sales and Marketing, Imexsa

Murray J. Belman)
David M. Schwartz) – OF COUNSEL

CARBON AND ALLOY PLATE AND HOT-ROLLED SHEET, STRIP, AND COILS:

IN SUPPORT OF RELIEF:

Schagrin Associates
Washington, DC
on behalf of

Minimill 201 Coalition
Gallatin Steel
Geneva Steel
IPSCO Steel, Inc.
Nucor Corp.
Rouge Steel Co.
Steel Dynamics, Inc.
WCI Steel
Weirton Steel Corp.
Independent Steel Workers Union

John Tulloch, President, IPSCO Steel, Inc.
Carl L. Valdiserri, Chairman and CEO, Rouge Steel Co.
Keith Busse, President and CEO, Steel Dynamics, Inc.
Edward R. Caine, President and CEO, WCI Steel
John Walker, President and CEO, Weirton Steel Corp.

Roger B. Schagrin) – OF COUNSEL

Dewey Ballantine LLP
Washington, DC

and

Skadden, Arps, Slate, Meagher & Flom LLP
Washington, DC
on behalf of

Bethlehem Steel Corp.
United States Steel LLC
LTV Steel Co.
National Steel Corp.

Duane Dunham, Chairman and CEO, Bethlehem Steel Corp.
David Beinner, Senior Vice President Commercial, Bethlehem Steel Corp.
David Althoff, Vice President, Sales and Marketing, Automotive, LTV Steel Co.
Stephen Szymanski, Manager, Sales and Service--Service Centers, United States Steel LLC
Jerry Hausman, Professor, Massachusetts Institute of Technology
S.P. Kothari, Professor, MIT Sloan School of Business
Seth Kaplan, Vice President and Economist, Charles River Associates
Richard Fruehan, Professor, Carnegie Mellon University
David Conrad, Manager, Bethlehem Steel Corp.
Michael Meyers, Marketing Director, Construction Sales, United States Steel LLC
Susan Hester, Economist, Dewey Ballantine LLP
Ray Hartman, Economist, Lexecon

Alan Wm. Wolff	)	
Robert E. Lighthizer	)	
Kevin M. Dempsey	)	
James C. Hecht	)	– OF COUNSEL
Michael H. Stein	)	
Stephen P. Vaughn	)	
Jennifer Danner Riccardi	)	
Stephen J. Narkin	)	

CALENDAR OF PUBLIC HEARING

Those listed below appeared as witnesses at the United States International Trade Commission's hearing:

Subject:	Steel (Injury Phase)
Investigation No.:	TA-201-73
Date and Time:	September 20, 2001 - 9:15 a.m.

This session was held in the Commission's Main Hearing Room, 500 E Street, SW, Washington, DC.

CONGRESSIONAL APPEARANCES:

The Honorable Jerry F. Costello, U.S. Congressman, 12th District, State of Illinois
The Honorable John A. Boehner, U.S. Congressman, 8th District, State of Ohio
The Honorable Spencer T. Bachus, U.S. Congressman, 6th District, State of Alabama
The Honorable Ted Strickland, U.S. Congressman, 6th District, State of Ohio
The Honorable Mike Doyle, U.S. Congressman, 18th District, State of Pennsylvania
The Honorable Ray LaHood, U.S. Congressman, 18th District, State of Illinois
The Honorable Chris Cannon, U.S. Congressman, 3rd District, State of Utah
The Honorable Dennis J. Kucinich, U.S. Congressman, 10th District, State of Ohio
The Honorable Patrick J. Toomey, U.S. Congressman, 15th District, State of Pennsylvania
The Honorable Melissa A. Hart, U.S. Congresswoman, 4th District, State of Pennsylvania

GOVERNOR APPEARANCE:

The Honorable Tom Ridge, Governor, State of Pennsylvania

CARBON AND ALLOY PLATE AND HOT-ROLLED SHEET, STRIP, AND COILS:

IN OPPOSITION TO RELIEF:

Willkie Farr & Gallagher
Washington, DC
on behalf of

LPN Steel Plate Co., Ltd.
Pacific Pipe Co., Ltd.
Nakornthai Strip Mill Public Co., Ltd.
Saha Thai Steel Pipe Co., Ltd.
Sahaviraya Plate Mill Co., Ltd.
Sahaviraya Steel Industry Co., Ltd.
The Siam Industrial Wire Co., Ltd.
Siam Strip Mill Co., Ltd.
Siam United Steel Co., Ltd.
Thai Coated Sheet Co., Ltd.
Thai Cold Rolled Steel Co., Ltd.
COTCO-SV Eastern Steel Pipe Co., Ltd.
Thai German Products Public Co., Ltd.

Kenneth J. Pierce) – OF COUNSEL

Kaye Scholer LLP
Washington, DC
on behalf of

Korea Iron & Steel Association
European Confederation of Iron and Steel Industries ("EUROFER")

Thomas J. Prusa, Professor, Rutgers University and Princeton University

Donald B. Cameron)
Julie C. Mendoza) – OF COUNSEL
David Christy)

Steptoe & Johnson LLP
Washington, DC
on behalf of

Corus Group plc

Richard O. Cunningham)
Peter Lichtenbaum) – OF COUNSEL
Troy Cribb)

Powell, Goldstein, Frazer & Murphy LLP
Washington, DC
on behalf of

Steel Authority of India, Ltd.
Tata Iron and Steel Co.
Jindal Vijaynagar Steel, Ltd.
Jindal Iron and Steel Co., Ltd.
Essar Steel, Ltd.
Ispat Industries, Ltd.

Lawrence R. Walders) – OF COUNSEL

Kalik Lewin
Washington, DC
on behalf of

Azovstal Iron and Steel Works
Ilyich Iron and Steel Works

Martin J. Lewin) – OF COUNSEL

deKeiffer & Horgan
Washington, DC
on behalf of

European Confederation of Iron and Steel Industries ("EUROFER")

Bruce Malashevich, Economic Consulting Services

J. Kevin Horgan) – OF COUNSEL

deKeiffer & Horgan
Washington, DC
on behalf of

Saarstahl AG
Saarstahl, Inc.
AG der Dillinger Huttenwerke
GTS Industries S.A.

J. Kevin Horgan) – OF COUNSEL

Charles Blum, International Advisory Services
on behalf of

European Confederation of Iron and Steel Industries ("EUROFER")

O'Melveny & Myers LLP
Washington, DC
on behalf of

South African Iron and Steel Institute

Kristin H. Mowry) – OF COUNSEL

Hunton & Williams
Washington, DC
on behalf of

SSAB Oxelosund AB
SSAB Tunnplat AB

Ralf Norden, President, SSAB Hardox Corp.

William Silverman) – OF COUNSEL

Manatt Phelps & Phillips, LLP
Washington, DC
on behalf of

Altos Hormos de Mexico, S.A. de C.V. ("AHMSA")
DeAcero, S.A. de C.V.
Hylsamex S.A. de C.V. ("Hylsamex")

Daniel Riojas de la Garza, AHMSA
Juan Castillo Ramirez, AHMSA
Rafael Rubio Perez, Assistant Vice President, Economic Affairs, Hylsamex

Jeffrey S. Neeley)
Christine H.T. Yang) – OF COUNSEL

Kirkland & Ellis
Washington, DC
on behalf of

China Iron and Steel Association
China Chamber of Commerce of Metals, Minerals & Chemicals Importers and Exporters

Paul F. Brinkman) – OF COUNSEL

Law Offices of David L. Simon
Washington, DC
on behalf of

Eregli Demir ve Celik
PT Krakatau Steel

David L. Simon) – OF COUNSEL

Willkie Farr & Gallagher
Washington, DC
on behalf of

Nippon Steel Corp.
NKK Corp.
Kawasaki Steel Corp.
Sumitomo Metal Industries, Ltd.
Kobe Steel, Ltd.
Nisshin Steel Co., Ltd.
The Japan Iron and Steel Exporters' Association

Daniel L. Porter) – OF COUNSEL

Steptoe & Johnson LLP
Washington, DC
on behalf of

Corus Group plc

Kenneth R. Button, Economic Consulting Services

Richard O. Cunningham)
Peter Lichtenbaum) – OF COUNSEL

Hogan & Hartson LLP
Washington, DC
on behalf of

Algoma Steel, Inc.
Dofasco, Inc.
Ispat Sidbec, Inc.
Stelco, Inc.

Robert Clark, General Supervisor of Operations, Accounting, Algoma Steel, Inc.
Dennis Martin, Manager, Trade Relations & Market Data, Dofasco, Inc.
Donald Belch, Director, Government Relations, Stelco, Inc.

Mark S. McConnell)
Robert D. Tyler) – OF COUNSEL

Pepper Hamilton LLP
Washington, DC
on behalf of

Novolipetsk Iron & Steel Corp.

Andrei R. Petrossian, Deputy General Counsel, Novolipetsk Iron & Steel Corp.

Gregory C. Dorris) – OF COUNSEL

NON-PARTY:

Sonneberg and Anderson
Washington, DC
on behalf of

Eveready Battery Co.

Mr. Al J. Dilis, Eveready Battery Co.

Stephen P. Sonnenberg)
M. Jason Cunningham) – OF COUNSEL

CARBON AND ALLOY COLD-ROLLED SHEET, STRIP OTHER THAN GOES, GOES, CORROSION-RESISTANT AND OTHER COATED SHEET AND STRIP, AND TIN MILL PRODUCTS:

IN SUPPORT OF RELIEF:

Dewey Ballantine LLP
Washington, DC

and

Skadden, Arps, Slate, Meagher & Flom LLP
Washington, DC
on behalf of

Bethlehem Steel Corp.
United States Steel LLC
LTV Steel Co.
National Steel Corp.

William Bricker, Chairman, President, and CEO, LTV Steel Co.
David Beinner, Senior Vice President Commercial, Bethlehem Steel Corp.
David Althoff, Vice President, Sales and Marketing, Automotive, LTV Steel Co.
Michael Meyers, Marketing Director, Construction Sales, United States Steel LLC
S.P. Kothari, Professor, MIT Sloan School of Business
Seth Kaplan, Vice President and Economist, Charles River Associates
Richard Fruehan, Professor, Carnegie Mellon University
David Conrad, Manager, Bethlehem Steel Corp.
Stephen Szymanski, Manager of Sales, United States Steel LLC
William Noellert, Chief Economist, Dewey Ballantine LLP
Susan Hester, Economist, Dewey Ballantine LLP
Ray Hartman, Economist, Lexecon

Alan Wm. Wolff)
Robert E. Lighthizer)
Kevin M. Dempsey)
John J. Mangan)
James C. Hecht) – OF COUNSEL
Michael H. Stein)
Stephen P. Vaughn)
Jennifer Danner Riccardi)
Stephen J. Narkin)

Schagrin Associates
Washington, DC
on behalf of

Minimill 201 Coalition
Gallatin Steel
Geneva Steel
IPSCO Steel, Inc.
Nucor Corp.
Rouge Steel
Steel Dynamics, Inc.
WCI Steel
Weirton Steel Corp.
Independent Steel Workers Union

John S. Brinzo, Chairman and CEO, Cleveland-Cliffs, Inc.
David N. Deinzer, President and CEO, Denman and Davis
Ken Johnsen, President and CEO, Geneva Steel
Frank Calandra, President, Jennmar
William Hudson, Vice President, Flat-Rolled Purchasing, Metals USA
Rick Campbell, Sales Manager, Nucor Steel - Hickman
Chris Stock, Manager of Sales, Flat-Rolled Division, Steel Dynamics, Inc.
John Nolan, Vice President, Steel Dynamics, Inc.
Robert W. Johns, Director of Marketing, Sheet Mill Group, Nucor Corp.

Roger B. Schagrin) – OF COUNSEL

Adduci, Mastriani & Schaumberg, LLP
Washington, DC
on behalf of

Association of Cold-Rolled Strip Steel Producers

Mark Hinman, Vice President, Rome Strip Steel, and President, Association of Cold-Rolled Strip Steel Producers
Edward J. Ryan, Executive Vice President, Thompson Steel Strip Corp., and Vice President and Treasurer, Association of Cold-Rolled Strip Steel Producers
Bruce Kinney, President, Blair Strip Steel Co., and Member, Board of the Association of Cold-Rolled Strip Steel Producers

Barbara A. Murphy)
Mark R. Leventhal) – OF COUNSEL

Thompson Coburn LLP
Washington, DC
on behalf of

Ispat Inland

Peter Southwick, President, Ispat Inland
Steve Rogers, Vice President, Sales and Marketing, Ispat Inland
Roger Hickey, Economist, Chicago Partners LLP

Murray J. Belman) – OF COUNSEL
David M. Schwartz)

IN OPPOSITION TO RELIEF:

Akin, Gump, Strauss, Hauer & Feld, LLP
Washington, DC
on behalf of

Can Manufacturers' Coalition

Marc Seanor, Director of Steel Purchasing, Packaging Operation, Ball Corp.
Edward Vesey, Senior Vice President for Procurement, Crown Cork & Seal Co.
Robert F. Hall, Director of Purchasing, United States Can Co.
Jeffrey M. O'Connell, Vice President and Treasurer, BWAY Corp.

Valerie A. Slater) – OF COUNSEL
Wendy E. Kamenshine)

Willkie Farr & Gallagher
Washington, DC
on behalf of

LPN Steel Plate Co., Ltd.
Pacific Pipe Co., Ltd.
Nakornthai Strip Mill Public Co., Ltd.
Saha Thai Steel Pipe Co., Ltd.
Sahaviraya Plate Mill Co., Ltd.
Sahaviraya Steel Industry Co., Ltd.
The Siam Industrial Wire Co., Ltd.
Siam Strip Mill Co., Ltd.
Siam United Steel Co., Ltd.
Thai Coated Sheet Co., Ltd.
Thai Cold Rolled Steel Co., Ltd.
COTCO-SV Eastern Steel Pipe Co., Ltd.
Thai German Products Public Co., Ltd.

Matt Mercurio, Economist, Economists, Inc.
Steve Siwek, Economist, Economists, Inc.

Kenneth J. Pierce)
Matthew R. Nicely) – OF COUNSEL
Julia K. Eppard)

Law Offices of David L. Simon
Washington, DC
on behalf of

Eregli Demir ve Celik
PT Krakatau Steel

David L. Simon)
Calvin F. Van Ourkerk) – OF COUNSEL

Sharretts, Paley, Carter & Blauvelt, P.C.
Washington, DC
on behalf of

European Confederation of Iron and Steel Industries ("EUROFER")

John G. Reilly, Nathan Associates, Inc.

Gail T. Cummins) – OF COUNSEL

Kaye Scholer LLP
Washington, DC
on behalf of

Korea Iron & Steel Association

Donald B. Cameron)
Julie C. Mendoza) – OF COUNSEL

Willkie Farr & Gallagher
Washington, DC
on behalf of

Nippon Steel Corp.
NKK Corp.
Kawasaki Steel Corp.
Sumitomo Metal Industries, Ltd.
Kobe Steel, Ltd.
Nisshin Steel Co., Ltd.
The Japan Iron and Steel Exporters' Association
Brazilian Iron and Steel Institute
Companhia Siderurgica de Tubarao, S.A.
Acos Mina Gerais, S.A.
Companhia Siderurgica Nacional
Companhia Siderurgica Paulista
Usinas Siderurgica de Minas Gerais

Thomas J. Prusa, Professor, Rutgers University and Princeton University
John G. Reilly, Nathan Associates, Inc.

Daniel L. Porter)
James P. Durling) – OF COUNSEL
Matthew R. Nicely)

Wilmer, Cutler & Pickering
Washington, DC
on behalf of

BHP Steel (AIS) Pty, Ltd.
BHP New Zealand Steel, Ltd.
BHP Steel Americas, Inc.

Leonard M. Shambon) – OF COUNSEL

Dickstein Shapiro Morin & Oshinsky LLP
Washington, DC
on behalf of

Istanbul Metal and Minerals Exporters' Association
Borcelik Celik Sanayi ve Ticaret A.S.

Arthur J. Lafave, III) – OF COUNSEL

Powell, Goldstein, Frazer & Murphy LLP
Washington, DC
on behalf of

Steel Authority of India, Ltd.
Tata Iron and Steel Co.
Jindal Vijaynagar Steel, Ltd.
Jindal Iron and Steel Co., Ltd.
Essar Steel, Ltd.
Ispat Industries, Ltd.

Lawrence R. Walders) – OF COUNSEL

White & Case LLP
Washington, DC
on behalf of

Duferco Steel, Inc.
Duferco Steel Processing (Pty), Ltd.

Walter J. Spak) – OF COUNSEL

O'Melveny & Myers LLP
Washington, DC
on behalf of

South African Iron and Steel Institute

Gary N. Horlick)
Kristin H. Mowry) – OF COUNSEL

Hogan & Hartson LLP
Washington, DC
on behalf of

Acciai Speciali Terni S.p.A.
EBG Gesellschaft fur Elektromagnetische Werkstoffe GmbH
UGO S.A.

Ulf H. Koller, General, Legal & Co. Affairs, Acciai Speciali Terni S.p.A.
Daniel J. Cannistra, Senior Manager, Andersen LLP
Merritt R. Blakeslee, Manager, Andersen LLP

Gibson, Dunn & Crutcher LLP
Washington, DC
on behalf of

Nippon Steel Corp.
Kawasaki Steel Corp.

Joseph H. Price)
Gracia M. Berg) – OF COUNSEL
Gregory C. Gerdes)
Brian Rohal)

Manatt Phelps & Phillips, LLP
Washington, DC
on behalf of

Altos Hornos de Mexico, S.A. de C.V.
DeAcero, S.A. de C.V.
Hylsamex S.A. de C.V.

Jeffrey S. Neeley) – OF COUNSEL
Christine H.T. Yang)

Kirkland & Ellis
Washington, DC
on behalf of

China Iron and Steel Association
China Chamber of Commerce of Metals, Minerals & Chemicals Importers and Exporters

Paul F. Brinkman) – OF COUNSEL

Barnes, Richardson & Colburn
Washington, DC
on behalf of

Association of Specialty Cold Rolled Strip Producers of Germany, Austria, and Sweden ("SAGA")

Karl S. Godde, Sales Manager, Kaltwalzwerk Brockhaus GmbH
Volker Lerch, VIce President, Marketing, J.N. Eberle & Cie. GmbH

Gunter von Conrad)
Stephen W. Brophy) – OF COUNSEL

Gibson, Dunn & Crutcher LLP
Washington, DC
on behalf of

Kawasaki Steel Corp.
Kobe Steel, Ltd.
Nippon Steel Corp.
NKK Corp.
Nisshin Steel Co., Ltd.
Sumitomo Metal Industries, Ltd.

Joseph H. Price)
Brian Rohal) – OF COUNSEL

White & Case LLP
Washington, DC
on behalf of

Industrias Monterrey, S.A. de C.V.
IMSA, Inc.
Zincacero, S.A. de C.V.

Hector Obeso Zunzungui, Vice President, Sales, IMSA, Inc.

Walter J. Spak)
Frank H. Morgan) – OF COUNSEL

Pepper Hamilton LLP
Washington, DC
on behalf of

Novolipetsk Iron & Steel Corp.

Andrei R. Petrossian, Deputy General Counsel, Novolipetsk Iron & Steel Corp.

Gregory C. Dorris) – OF COUNSEL

Hunton & William
Washington, DC
on behalf of

Sandvik Steel Co.

William Silverman	)
Douglas J. Heffner	) – OF COUNSEL
Gregory L. Kinzelman	)

Hunton & Williams
Washington, DC
on behalf of

Algoma Steel, Inc.
Dofasco, Inc.
Ispat Sidbec
Sorevco, Inc.
Stelco, Inc.

Dennis Martin, Manager, Trade Relations and Market Data, Dofasco, Inc.
Donald K. Belch, Director of Government Relations, Stelco, Inc.

William Silverman	)
Douglas J. Heffner	)
Jeffrey B. Hardie	) – OF COUNSEL
James R. Simoes	)
Douglas Dziak	)

Steptoe & Johnson LLP
Washington, DC
on behalf of

Corus Group plc

Richard O. Cunningham	)
Peter Lichtenbaum	) – OF COUNSEL
Troy Cribb	)

CALENDAR OF PUBLIC HEARING

Those listed below appeared as witnesses at the United States International Trade Commission's hearing:

Subject:	Steel (Injury Phase)
Investigation No.:	TA-201-73
Date and Time:	September 24, 2001 - 9:15 a.m.

This session was held in the Commission's Main Hearing Room, 500 E Street, SW, Washington, DC.

<u>CONGRESSIONAL APPEARANCES:</u>

The Honorable Robert F. Bennett, United States Senator, State of Utah
The Honorable George Allen, United States Senator, State of Virginia
The Honorable George W. Gekas, U.S. Congressman, 17th District, State of Pennsylvania
The Honorable James L. Oberstar, U.S. Congressman, 8th District, State of Minnesota
The Honorable Mike Pence, U.S. Congressman, 2nd District, State of Indiana

CARBON AND ALLOY HOT-ROLLED BAR AND LIGHT SHAPES, COLD-FINISHED BAR, REBAR, RAILS AND RAILWAY PRODUCTS, HEAVY STRUCTURAL SHAPES AND SHEET PILING, AND FABRICATED STRUCTURAL UNITS:

IN SUPPORT OF RELIEF:

Wiley Rein & Fielding LLP
Washington, DC
on behalf of

Minimill 201 Coalition
Portec Rail Products, Inc.

John Correnti, Chairman and CEO, Birmingham Steel Corp.
Dan DiMicco, President and CEO, Nucor Corp.
Jim Fritsch, Vice President, Strategic Planning, Commercial Metals Steel Group
Douglas Gunson, Manager-Corporate Counsel, Nucor Corp.
Robert Muhlham, Vice President, Material Procurement, Ameristeel
Mark Petitgoue, Sales Manager, Nucor-Yamato Steel
Jon Ruth, Executive Vice President Commercial (Cargill), North Star Steel
Clyde Selig, Steel Group President and COO, Commercial Metals Co.
Joe Stratman, Vice President and General Manager, Nucor-Yamato
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James Thompson, President (Cargill), North Star Steel
Tommy Valenta, Executive Vice President and COO, Steel, TXI
Paul Athens, President, Alpha Steel
Rick Cooper, President, W&W Steel
Eugene Grossi, Sr., President, Samuel Grossi & Sons
Joe Gnazzo, President, J. Allen Steel Co.
Richard Singer, President and COO, Metals USA
Martin Koch, President, Southwestern Suppliers
S.P. Kothari, Professor of Accounting, Massachusetts Institute of Technology
Seth Kaplan, Charles River Associates
Ray Hartman, Economist, Lexecon

Charles Owen Verrill, Jr.)
Alan H. Price) – OF COUNSEL
Timothy C. Brightbill)

Skadden, Arps, Slate, Meagher & Flom LLP
Washington, DC
on behalf of

Bethlehem Steel Corp.

Robert E. Watkins, Jr., Vice President, Planning, Pennsylvania Steel Technologies, a division of Bethlehem Steel Corp.
Kirkland H. Gibson, Vice President, Commercial, Pennsylvania Steel Technologies, a division of Bethlehem Steel Corp.

James C. Hecht)
Stephen P. Vaughn) – OF COUNSEL

King & Spalding
Washington, DC
on behalf of

Oregon Steel Mills, Inc.

Rob Simon, Vice President and General Manager, Rocky Mountain Steel Mills
Vince Cordova, Rail Product Metallurgist, Rocky Mountain Steel Mills

Joseph W. Dorn)
Christine E. Savage) – OF COUNSEL

King & Spalding
Washington, DC
on behalf of

Cold Finished Trade Coalition

Paul J. Darling, President and CEO, Corey Steel Co.
David Nelsen, President and CEO, Nelsen Steel Co.

Thomas R. Graham) – OF COUNSEL

Williams Mullen Clark & Dobbins
Washington, DC
on behalf of

American Institute of Steel Construction, Inc. ("AISC")
Fabricated Steel Trade Committee

Scott Blackburn, President, Nashoba Valley Structural Co., Inc.
Kenneth P. McCullough, President & CEO, Havens Steel
John Yohe, President, Megquier and Jones, Inc.
James A. Stori, President, STS Steel, Inc., and Vice President, AISC Board of Directors
H. Louis Gurthet, President, AISC

Jimmie V. Reyna) – OF COUNSEL
James R. Cannon, Jr.)

Thompson Coburn LLP
Washington, DC
on behalf of

Ispat Inland

Peter Southwick, President, Ispat
Joseph Alvarado, Vice President of Ispat North America
Steve Rogers, Vice President, Sales and Marketing, Ispat Inland
Roger P. Hickey, Economist, Chicago Partners LLP

Murray J. Belman)
David M. Schwartz) – OF COUNSEL
Mark L. Parsons)

IN OPPOSITION OF RELIEF:

Heavy Structural Shapes & Sheet Piling

O'Melveny & Meyers
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on behalf of

Beams and Piling Group

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Gary N. Horlick)

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Washington, DC
on behalf of

Corus Group plc

John Reilly, Nathan Associates, Inc.
John Shannon, Lindy Griffitt Co.
Denis Guimond, Skyline Steel Corp.
Robert Bortz, President, TradeARBED, Inc.
Ricky Richter, President, Newco Steel Trading, Inc.

Richard O. Cunningham) – OF COUNSEL

Kirkland & Ellis
Washington, DC
on behalf of

China Iron and Steel Association
China Chamber of Commerce of Metals, Minerals & Chemicals Importers and Exporters

Paul F. Brinkman) – OF COUNSEL

deKeiffer & Horgan
Washington, DC
on behalf of

Hoesch Hohenlimburg GmbH

J. Kevin Horgan) – OF COUNSEL

Hot-Rolled Bar and Light Shapes

Steptoe & Johnson, LLP
Washington, DC
on behalf of

Corus Group plc

Richard O. Cunningham)
Yves C. Botteman) – OF COUNSEL
Sheldon E. Hochberg)
Tina Potuto Kimble)

Economic Consulting Services, Inc.
Washington, DC
on behalf of

Certain European, South African, and Turkish Respondents

Bruce Malashevich, President, Economic Consulting Services, Inc.
Clark Chandler, Senior Vice President, Economic Consulting Services, Inc.
Kevin Baker, Senior Economist, Economic Consulting Services, Inc.

Powell, Goldstein, Frazer, & Murphy, LLP
Washington, DC
on behalf of

Caterpillar, Inc.

William C. Lane, Governmental Affairs Administrator, Caterpillar, Inc.
Phillip B. Straub, Senior Attorney, Caterpillar, Inc.

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Steve Pouy, Vice President, Sales, LucchiniUSA, Inc.

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Ayla Onder Simon) – OF COUNSEL

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on behalf of

Istanbul Mineral and Metals Exporters' Association
Ozkan Demir Celik Sanayi A.S.
Kaptan Demir Celik Endustrisi ve Ticaret T.A.S.
Cebi Metal Sanayi ve Ticaret Sti

Arthur J. Lafave III) – OF COUNSEL

deKeiffer & Horgan
Washington, DC
on behalf of

Saarstahl AG
Saarstahl, Inc.

J. Kevin Horgan) – OF COUNSEL

O'Melveny & Myers LLP
Washington, DC
on behalf of

South African Iron and Steel Institute

Gary N. Horlick) – OF COUNSEL

Cold-Finished Bar

Law Offices of David L. Simon
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on behalf of

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Steve Pouy, Vice President, Sales, LucchiniUSA, Inc.

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Washington, DC
on behalf of

Istanbul Mineral and Metals Exporters' Association
Ozkan Demir Celik Sanayi A.S.
Kaptan Demir Celik Endustrisi ve Ticaret T.A.S.
Cebi Metal Sanayi ve Ticaret Sti

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Kalik Lewin
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on behalf of

ISTIL

Martin J. Lewin) – OF COUNSEL

Rebar

Law Offices of David L. Simon
Washington, DC
on behalf of

Habas A.S.

David L. Simon) – OF COUNSEL

Dickstein Shapiro Morin & Oshinsky LLP
Washington, DC
on behalf of

Istanbul Metal and Minerals Exporters' Association
Colakoglu Metalurji A.S.
Ekinciler Demir ve Celik Sanayi A.S.
ICDAS Celik Enerji Tersane ve Ulasim Sanayi A.S.
Diler Demir Celik Endustrisi ve Ticaret A.S.
Yazici Demir Celik Sanayi ve Ticaret A.S.

Arthur J. Lafave, III) – OF COUNSEL

Rails and Railway Products

Willkie Farr & Gallagher
Washington, DC
on behalf of

NKK Corp.

John R. Gillette, Burlington Northern Santa Fe Railroad
Clyde E. Lobb, Burlington Northern Santa Fe Railroad
Thomas J. Prusa, Economist, Rutgers University

Daniel L. Porter) — OF COUNSEL

Gibson, Dunn & Crutcher LLP
Washington, DC
on behalf of

Nippon Steel Corp.

Gary P. Zaversnik, General Manager, Purchasing, Union Pacific Railroad
Samuel G. Atkinson, Jr., Senior Manager, Engineering Research, Union Pacific Railroad

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J. Christopher Wood) – OF COUNSEL

Steptoe & Johnson LLP
Washington, DC
on behalf of

European Confederation of Iron and Steel Industries ("EUROFER")

Kenneth R. Button, Economic Consulting Services, Inc.

Richard O. Cunningham)
Tina Potuto Kimble) – OF COUNSEL
Alexandra Baj)

Fabricated Structural Units

Hunton & Williams
Washington, DC
on behalf of

Canadian Institute for Steel Construction
Sandvik Steel Co.

Alexander J. Bergel, Vice President, U.S. Operations, ADF International, Inc.
Marc Dutil, Vice President, the Canam Manac Group, Inc.
Bruce Malashevich, Economic Consulting Services, Inc.
Ted Temple, President, Canadian Institute of Steel Construction
Mark Starkey, Senior Project Manager, Mid-Atlantic Division, Hensel Phelps Construction Co.

William Silverman) – OF COUNSEL
Gregory L. Kinzelman)

Verner, Liipfert, Bernhard, McPherson, and Hand
Washington, DC
on behalf of

Ocean Steel & Construction, Ltd.
York Steel, Inc.

Andrew Moore, Vice President, Beacon Skanska Construction Co.
Hans Klohn, Vice President, Ocean Steel & Construction, Ltd.

William A. Zeitler) – OF COUNSEL

White & Case LLP
Washington, DC
on behalf of

Forjas Metalicas, S.A. de C.V.
ABB Mexico, S.A. de C.V.

Carl Mathiason, Marketing Consultant

David E. Bond)
Frank H. Morgan) – OF COUNSEL

Willkie Farr & Gallagher
Washington, DC
on behalf of

CAB, Inc.

Daniel L. Porter) – OF COUNSEL

Hot-Rolled Bar and Light Shapes

Riggle and Craven
Washington, DC
on behalf of

The Ad Hoc Committee for Fair International Steel Trade

Richard Norman, former General Sales Manager, West CSC, Ltd.

David J. Craven) – OF COUNSEL

NAFTA Respondents

Cameron & Hornbostel LLP
Washington, DC
on behalf of

Canadian Metal Rolling Mills
Co-Steel Lasco
Ispat Sidbec, Inc.
Ivaco, Inc.
Laurel Steel
Stelco, Inc.

Donald K. Belch, Director, Government Relations, Stelco, Inc.
Alexander W. Sierck, Laurel Steel, a division of Harris Steel Group
Robert Beaudin, Manager, Hot-Rolled Bar, Ispat Sidbec, Inc.

William K. Ince) – OF COUNSEL
Valerie Ellis)

Manatt Phelps & Phillips, LLP
Washington, DC
on behalf of

Altos Hormos de Mexico, S.A. de C.V. ("AHMSA")
DeAcero, S.A. de C.V. ("DeAcero")
Hylsamex S.A. de C.V. ("Hylsamex")

Juan Castiollo Ramirez, AHMSA
Rafael Rubio Perez, Assistant Vice President for Economic Affairs, Hysla
Juan Cordova, Aceros Corsa
Carlos Martinez, Grupo Simec

David R. Amerine) – OF COUNSEL

White & Case LLP
Washington, DC
on behalf of

Siderurgica Lazard Cardenas las Truchas, S.A. de C.V.

David E. Bond) – OF COUNSEL
Frank H. Morgan)

NON-PARTIES:

NN, Inc.
Erwin, Tennessee

David Butler, Materials Manager, Ball & Roller Division, NN, Inc.

Lipstein, Jaffe & Lawson LLP
Washington, DC
on behalf of

NSK Corp.

Ross Rivard, Director, Corporate Planning and Development, NSK Corp.
Hiroji Ishihara, Assistant to the Vice President of Finance, NSK Corp.

Matthew P. Jaffe) – OF COUNSEL

CARBON AND ALLOY WIRE, STRAND, ROPE, CABLE AND CORDAGE, NAILS, STAPLES, AND WOVEN CLOTH, AND STAINLESS AND WIRE, CLOTH, AND ROPE:

IN SUPPORT OF RELIEF:

Holland & Knight LLP
Washington, DC
on behalf of

American Wire Producers Association
Insteel Industries, Inc.
Davis Wire Corp.

Brian Burr, Plant Manager, Sumiden Wire Products Corp.
Cheryl J. Coelho, Vice President, Product Management, ECD, Inc.
David W. Libla, President, Mid Continent Nail Corp.
Timothy W. Selhorst, Executive Vice President and COO, American Spring Wire Corp.
Richard Wagner, Vice President, Concrete Reinforcing Products, Insteel Industries, Inc.
Michael M. Wallace, Vice President, Sales and Marketing, Loos & Co., Inc.
Andrew R. Wechsler, Managing Director, LECG, LLC
Andrew Z. Szamosszegi, Managing Consultant, LECG, LLC

Frederick P. Waite)
Kimberly R. Young) – OF COUNSEL

Harris Ellsworth & Levin
Washington, DC
on behalf of

The Committee of Domestic Steel Wire Rope and Specialty Cable Manufacturers

William T. Austin, Vice President, Marketing, Williamsport Wirerope America, Inc.
Michael L. Hughes, Manager, Sales, Wire Rope Corp. of America, Inc.
Michael H. Wallace, Vice President, Sales and Marketing, Loos & Co., Inc.
Andrew R. Wechsler, Managing Director, LECG, LLC
Andrew Z. Szamosszegi, Managing Consultant, LECG, LLC
Robert Madden, Director, Sales and Marketing, Bridon American Corp.

Herbert E. Harris II)
Jeffrey S. Levin) – OF COUNSEL

Holland & Knight LLP
Washington, DC
on behalf of

American Wire Producers Association
Insteel Industries, Inc.
Davis Wire Corp.

Brian Burr, Plant Manager, Sumiden Wire Products Corp.
Cheryl J. Coelho, Vice President, Product Management, ECD, Inc.
David W. Libla, President, Mid Continent Nail Corp.
Charles W. Salanski, President, Wire Rope Corp. of America, Inc.
Timothy W. Selhorst, Executive Vice President and COO, American Spring Wire Corp.
Richard Wagner, Vice President, Concrete Reinforcing Products, Insteel Industries, Inc.
Michael M. Wallace, Vice President, Sales and Marketing, Loos & Co., Inc.
Andrew R. Wechsler, Managing Director, LECG, LLC
Andrew Z. Szamosszegi, Managing Consultant, LECG, LLC

Frederick P. Waite)
Kimberly R. Young) – OF COUNSEL

Collier Shannon Scott, PLLC
Washington, DC
on behalf of

Carpenter Technology Corp.

Andrew McElwee, Vice President, Sales and Marketing, Carpenter Technology Corp.
William J. Pendleton, Director, Corporate Affairs, Carpenter Technology Corp.
W. Bradley Hudgens, Georgetown Economic Services

Laurence J. Lasoff)
Robin H. Gilbert) – OF COUNSEL
Grace W. Kim)

CALENDAR OF PUBLIC HEARING

Those listed below appeared as witnesses at the United States International Trade Commission's hearing:

Subject: Steel (Injury Phase)

Investigation No.: TA-201-73

Date and Time: September 25, 2001 - 9:15 a.m.

This session was held in the Commission's Main Hearing Room, 500 E Street, SW, Washington, DC.

CONGRESSIONAL APPEARANCES:

The Honorable Arlen Specter, United States Senator, State of Pennsylvania
The Honorable Rick Santorum, United States Senator, State of Pennsylvania
The Honorable Blanche L. Lincoln, United States Senator, State of Arkansas
The Honorable Mark Dayton, United States Senator, State of Minnesota
The Honorable David E. Bonior, U.S. Congressman, 10th District, State of Michigan
The Honorable Sander M. Levin, U.S. Congressman, 12th District, State of Michigan
The Honorable Amo Houghton, U.S. Congressman, 31st District, State of New York
The Honorable Sue Myrick, U.S. Congresswoman, 9th District, State of North Carolina
The Honorable Robert Aderholt, U.S. Congressman, 4th District, State of Alabama
The Honorable Marion Berry, U.S. Congressman, 1st District, State of Arkansas
The Honorable William J. Pascrell, U.S. Congressman, 8th District, State of New Jersey
The Honorable Joseph R. Pitts, U.S. Congressman, 16th District, State of Pennsylvania
The Honorable Henry E. Brown, U.S. Congressman, 1st District, State of South Carolina
The Honorable Shelley Moore Capito, U.S. Congresswoman, 2nd District, State of West Virginia

CARBON AND ALLOY WIRE, STRAND, ROPE, CABLE AND CORDAGE, NAILS, STAPLES, AND WOVEN CLOTH, AND STAINLESS AND WIRE, CLOTH, AND ROPE:

IN OPPOSITION OF RELIEF:

Carbon Wire

Kaye Scholer LLP
Washington, DC
on behalf of

Korea Iron & Steel Association

Ero Selander, Director for Materials and Logistics, Associated Springs, Barnes Group, Inc.

Donald B. Cameron)
Julie C. Mendoza) – OF COUNSEL

Associated Spring, Barnes Group, Inc.
Farmington, Connecticut
on behalf of

Associated Spring, Barnes Group, Inc.

Ero Selander, Director for Materials and Logistics Associated Spring, Barnes Group, Inc.

Howrey Simon Arnold & White
Washington, DC
on behalf of

Hitachi Metals America, Ltd.
Hitachi Metals, Ltd.

Jim Toppen, Purchasing Manager, Dana Corp., Perfect Circle

Michael A. Hertzberg)
Juliana Cofrancesco) – OF COUNSEL

Hunton & Williams
Washington DC
on behalf of

Sandvik Steel Co.

William Silverman) – OF COUNSEL

Hogan & Hartson LLP
Washington, DC
on behalf of

Michelin North America, Inc.
Rubber Manufacturers Association

Trevor Haynes, Vice President Metallic Reinforcing Products, Michelin North America
Donald B. Shea, President and CEO, Rubber Manufacturing Association
James P. Keller, Vice President Purchasing, Cooper Tire & Rubber Co.
Ann Wilson, Rubber Manufacturers Association
Roy Chomlee, Michelin North America
David W. Boose, Director, Global Materials Purchasing, Goodyear Tire and Rubber Co.
Charles E. Hamiel, Global Materials Manager, Reinforcements, Goodyear Tire and Rubber Co.

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Kirsten R. Burghardt) – OF COUNSEL
Craig A. Lewis)

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<u>on behalf of</u>

Goodyear

Harvey Applebaum) – OF COUNSEL

Akin Gump Strauss Hauer & Feld
Washington, DC
<u>on behalf of</u>

Bridgestone-Firestone

Valerie Slater) – OF COUNSEL

Law Offices of Frederick L. Ikenson
Washington, DC
<u>on behalf of</u>

Cooper Tire

Frederick L. Ikenson) – OF COUNSEL

<u>Carbon and Alloy Strand, Rope, Cable, and Cordage, and Stainless Rope</u>

Kaye Scholer LLP
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Korea Iron & Steel Association

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Grunfeld, Desiderio, Lebowitz, Silverman & Klestadt LLP
Washington, DC
on behalf of

American Wire Rope Importers Association, Inc. ("AWRIA")
The Indusco Group
Cooper Tools
Dragon Trading
Fehr Brothers
Elite Sales, Inc.
Southern Wire Corp.
Bilco Wire Rope & Supply Corp.
KNM Industries d/b/a Lexco Cable
Sino-American Import & Export, LLC
Atlantic Cordage Corp.

Jeffrey Miller, Purchasing Manager, Campbell Chain-Cooper Tools and Treasurer, AWRIA
Roger Dick, Director of Operations, York, Pennsylvania, Campbell Chain-Cooper Tools

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Washington, DC
on behalf of

Istanbul Metal and Minerals Exporters' Association
Celik Halat ve Tel Sanayii A.S.

Arthur J. Lafave, III) – OF COUNSEL

Hogan & Hartson LLP
Washington, DC
on behalf of

Belgo Mineria Baekert Arames

Christopher S. Stokes) – OF COUNSEL

O' Melveny & Myers LLP
Washington, DC
on behalf of

South African Iron and Steel Institute

Gary N. Horlick)
Kristin H. Mowry) – OF COUNSEL

Hogan & Hartson LLP
Washington, DC
on behalf of

Michelin North America, Inc.
Rubber Manufacturers Association

Trevor Haynes, Vice President, Metallic Reinforcing Products, Michelin North America, Inc.
Ann Wilson, Rubber Manufacturers Association
James P. Keller, Vice President, Purchasing, Cooper Tire & Rubber Co.
David W. Boose, Director, Global Materials, Purchasing, Goodyear Tire and Rubber Co.
Charles E. Hamiel, Global Materials Manager, Reinforcements, Goodyear Tire and Rubber Co.

Lewis E. Leibowitz)
Craig A. Lewis) – OF COUNSEL
Kirsten R. Burghardt)

Stainless Wire

Law Offices of David L. Simon
Washington, DC
on behalf of

European Confederation of Iron and Steel Industries ("EUROFER")

Steve Pouy, Vice President of Sales, LucchiniUSA, Inc.
Jean-Yves Merlin, Vice President, Sprint Metal, Groupe Usinor
John G. Reilly, Consultant, Nathan Associates, Inc.
John Pisarkiewicz, Senior Vice President, Nathan Associates, Inc.

David L. Simon) – OF COUNSEL

Kaye Scholer LLP
Washington, DC
on behalf of

Korea Iron & Steel Association

Donald B. Cameron)
Julie C. Mendoza) – OF COUNSEL

Willkie Farr & Gallagher
Washington, DC
on behalf of

Suzuki Metal Industry Co., Ltd.
Shinko Wire Co., Ltd.
Suncall Corp.
Sumitomo Electric Industries, Ltd.

Matthew R. Nicely) – OF COUNSEL

Hunton & Williams
Washington DC
on behalf of

Sandvik Steel Co.

William Silverman) – OF COUNSEL

Stainless Woven Cloth

Law Offices of Thomas T. Alspach
Easton, MD
on behalf of

GKD-USA, Inc.

Tom Powley, President, GKD-USA, Inc.

Thomas T. Alspach) – OF COUNSEL

Kaye Scholer LLP
Washington, DC
on behalf of

Korea Iron & Steel Association

Donald B. Cameron)
Julie C. Mendoza) – OF COUNSEL

Grunfeld, Desiderio, Lebowitz, Silverman & Klestadt LLP
Washington, DC
on behalf of

American Wire Rope Importers Association, Inc. ("AWRIA")
The Indusco Group
Cooper Tools
Dragon Trading
Fehr Brothers
Elite Sales, Inc.
Southern Wire Corp.
Bilco Wire Rope & Supply Corp.
KNM Industries d/b/a Lexco Cable
Sino-American Import & Export, LLC
Atlantic Cordage Corp.

Jeffrey Miller, Purchasing Manager, Campbell Chain-Cooper Tools, and Treasurer, AWRIA
Roger Dick, Director of Operations, York, Pennsylvania, Campbell Chain-Cooper Tools

Jeffrey S. Grimson) – OF COUNSEL

Canadian Respondents (All Products)

Hunton & Williams
Washington, DC
on behalf of

Ivaco, Inc.
Ispat Sidbec, Inc.
Stelco, Inc.
Tree Island Industries, Ltd.

David Clayton, Sales Manager, Sivaco Georgia LLC

William Silverman)
Jeffrey B. Hardie) – OF COUNSEL

Coudert Brothers
Washington, DC
on behalf of

Greening Donald Co., Ltd.

Larry Fort, President, Greening Donald Co., Ltd.
Donna Spike, Director of Marketing, Greening Donald Co., Ltd.

Kay C. Georgi) – OF COUNSEL

Mexican Respondents (All Products)

Manatt Phelps & Phillips, LLP
Washington, DC
on behalf of

DeAcero, S.A. de C.V. ("DeAcero")

Roberto M. Gutierrez, DeAcero
Enrique Fernandez, Purchasing General Manager, DeAcero
Luis F. Gonzalez, Sales Vice President, DeAcero
Fermin Besnier, Production Manager, DeAcero

Jeffrey S. Neeley) – OF COUNSEL

Kirkland & Ellis
Washington DC
on behalf of

Acco Brands, Inc.

Gershen Abraham, Acco Brands, Inc.

Laura Fraedrich) – OF COUNSEL

Shearman & Sterling
Washington, DC
on behalf of

Aceros Camesa, S.A. de C.V.

Jeffrey M. Winton) – OF COUNSEL

STAINLESS SLABS/INGOTS, CUT-TO-LENGTH PLATE, BAR AND LIGHT SHAPES, AND ROD, AND TOOL STEEL:

IN SUPPORT OF RELIEF:

Collier Shannon Scott, PLLC
Washington, DC
on behalf of

Allegheny Ludlum Corp.
AK Steel Corp.
Carpenter Technology Corp.
Crucible Specialty Metals
G.O. Carlson, Inc.
J&L Specialty Steel, Inc.
North American Stainless, Inc.
Slater Steels Corp., Specialty Alloys Division
Timken Latrobe Steel Co.

Patrick J. Magrath, Georgetown Economic Services
W. Bradley Hudgens, Georgetown Economic Services
Michael T. Kerwin, Georgetown Economic Services
Andrew McElwee, Vice President, Sales and Marketing, Carpenter Technology Corp.
Edward J. Blot, Ed Blot & Associates
William J. Pendleton, Director of Corporate Affairs, Carpenter Technology Corp.
Daniel M. Anderson, Vice President, Sales and Marketing, Slater Steels Corp.
David Pastirik, Manager, Marketing & Development, Atlas Stainless Steels
A. Bruce Kennedy, Vice President & General Manager, Slater Steels Corp.
Hans J. Sack, President, Timken Latrobe Steel
James B. Duffy, Manager, Tool Steel Sales and Marketing, Allegheny Ludlum Corp.
H.L. Kephart, President and CEO, G.O. Carlson, Inc.
Carl R. Moulton, Senior Vice President, Commercial, Allegheny Ludlum Corp.
Jack Simmons, Manager, Marketing and Product Development, Electralloy

David A. Hartquist)
Laurence J. Lasoff)
Robin H. Gilbert)
Jennifer E. McCadney)
Mary T. Staley) – OF COUNSEL
John M. Herrmann)
Grace W. Kim)
R. Alan Luberda)
Adam H. Gordon)

IN OPPOSITION TO RELIEF:

Slabs, Ingots, Billets, and Blooms

Steptoe & Johnson
Washington, DC
on behalf of

AvestaPolarit Oy

Bruce Malashevich, Economic Consulting Services, Inc.
Maarten ven de Geijin, Economic Consulting Service, Inc.

Richard O. Cunningham) – OF COUNSEL
Gregory S. McCue)

Tool Steel

O'Melveny & Myers
Washington, DC

and

LeBoeuf, Lamb, Greene & MacRae
Washington, DC
on behalf of

Tool Steel Group
ERAMET Group

John Reilly, Nathan Associates, Inc.
Jack Milhollan, President, Precision Marshall Corp.
Ken Parisi, Controller/Treasurer, Erasteel, Inc.
Donald W. Ochitwa, Vice President Corporate Operations, Böhler-Uddeholm Corp.
Andrew Davis, Logistics Corp., Böhler-Uddeholm Corp.
Tom Rinne, President, Buderus Specialty Steel Corp.
Jim Peters, Senior Vice President & General Manager, Thyssen Specialty Steel

Gary N. Horlick)
Danielle L. Cannata) – OF COUNSEL
Pierre F. de Ravel d'Esclapon)
William C. Sjoberg)

Cut-To-Length Plate

Shearman & Sterling
Washington, DC
  on behalf of

Usinor
Arbed
Aceralia

Jerry Stetzler, President, CBT Manufacturing Co.
Richard Garvin, Vice President & General Manager, Usinor Industeel
Terry Engle, Manager, Specialty Steel Products, Usinor Industeel
Bruce Malashevich, President, Economic Consulting Services, Inc.
John D. Derrick, Vice President, Economic Consulting Services, Inc.

Robert S. LaRussa)
Thomas B. Wilner)
Robert LaRussa) – OF COUNSEL
Quentin Baird)

Bar and Light Shapes

Hale & Dorr LLP
Washington, DC
  on behalf of

Eaton Corp.

Daryl R. Booy, Engine Air Management Operations, Eaton Corp.

Gilbert B. Kaplan) – OF COUNSEL

Bar, Light Shapes, and Rod

Law Offices of David L. Simon
Washington, DC
  on behalf of

European Confederation of Iron and Steel Industries ("EUROFER")

Steve Pouy, Vice President of Sales, LucchiniUSA, Inc.
John G. Reilly, Consultant, Nathan Associates, Inc.
Jean-Yves Merlin, Vice President, Spring Metal, Groupe Usinor
John Pisarkiewicz, Senior Vice President, Nathan Associates, Inc.

David L. Simon) – OF COUNSEL

Rod and Tool Steel

Howrey Simon Arnold & White
Washington, DC
on behalf of

Hitachi Metals America, Ltd.
Hitachi Metals, Ltd.

Michael A. Hertzberg) – OF COUNSEL
Juliana Cofrancesco)

CALENDAR OF PUBLIC HEARING

Those listed below appeared as witnesses at the United States International Trade Commission's hearing:

Subject: Steel (Injury Phase)

Investigation No.: TA-201-73

Date and Time: September 28, 2001 - 9:15 a.m.

This session was held in the Commission's Main Hearing Room, 500 E Street, SW, Washington, DC.

CONGRESSIONAL APPEARANCES:

The Honorable Orrin G. Hatch, United States Senator, State of Utah
The Honorable Paul D. Wellstone, United States Senator, State of Minnesota (Accompanied by State Representative Tony Sertich on behalf of the Minnesota State Legislature and Minnesota Governor Jesse Ventura)
The Honorable Stephanie Tubbs Jones, U.S. Congresswoman, 11th District, State of Ohio

STAINLESS AND SEAMLESS TUBULAR PRODUCTS, WELDED TUBULAR PRODUCTS, AND FLANGES AND FITTINGS:

IN SUPPORT OF RELIEF:

Schagrin Associates
Washington, DC
on behalf of

GPTI
Alloy Stainless Products Co., Inc.
Bristol Metals, L.P.
Capitol Manufacturing Co.
Phoenix Tube Co., Inc.
Premiere Pipe & Tube Group, Inc.
Acme/Romac, Inc.
Davis Pipe, Inc.
International Tubular Products, Inc.

Richard Lane, General Sales Manager, Allegheny Ludlum
Annemarie Appleton, Vice President, Manufacturing, Alloy Stainless Products Co., Inc.
Ralph Matera, CEO, Bristol Metals, L.P.
Randy Campbell, Vice President, Sales, Bristol Metals, L.P.
Robert Van Noord, Vice President and General Manager, Capitol Manufacturing Co.
David Shields, Vice President, Phoenix Tube Co., Inc.
James MacMahon, President, Premiere Pipe & Tube Group, Inc.

Roger B. Schagrin)
Stephanie E. Doyal) – OF COUNSEL

Georgetown Economic Services, LLC
Washington, DC
on behalf of

Flowline Division of Markovitz Enterprises, Inc.
Gerlin, Inc.
Shaw Alloy Piping Products, Inc.
Taylor Forge Stainless, Inc.

Phillip C. Mavrich, President, Flowline Division of Markovitz Enterprises, Inc.
Mickey D. Melton, President, Shaw Alloy Piping Products, Inc.
Jack J. Sharkey, Executive Vice President, Gerlin, Inc.
Michael T. Kerwin, Georgetown Economic Services

Mayer, Brown & Platt
Washington, DC
on behalf of

Gerlin, Inc.

Joseph P. Romanelli, President, Gerlin, Inc.
Jack J. Sharkey, Executive Vice President, Gerlin, Inc.

Simeon M. Kriesberg)
Carol J. Bilzi) – OF COUNSEL
Lisa L. Levine)

IN OPPOSITION TO RELIEF:

Seamless Tubular Products

Collier Shannon Scott, PLLC
Washington, DC
on behalf of

Altx, Inc.
DMV Stainless USA, Inc.
Pennsylvania Extruded Tube Co.
Salem Tube, Inc.
Sandvik Steel Co.
Sandvik Steel Canada

David A. Hartquist)
R. Alan Luberda) – OF COUNSEL

Wilmer, Cutler & Pickering
Washington, DC
on behalf of

Sumitomo Metal Industries, Ltd.
Nippon Steel Corp.
Kawasaki Steel Corp.
Katakura Steel
NKK Corp.
Kobe Special Steel, Ltd.
Sanyo Special Steel Co., Ltd.

Pat Senger, President, MHS Alloys

John D. Greenwald) – OF COUNSEL
Lynn M. Fischer)

Welded Tubular Products

Collier Shannon Scott, PLLC
Washington, DC
on behalf of

Associated Tube Industries, a Division of Samuel Manu-Tech, Inc.
Fischer CANADA Stainless Steel Tubing, Inc.

R. Scott Sweatman, President and General Manager, Associated Tube Industries, a division of Samuel Manu-Tech, Inc.
Thomas Prell, Vice President, Fischer CANADA Stainless Steel Tubing, Inc.

David A. Hartquist) – OF COUNSEL

Kaye Scholer LLP
Washington, DC
on behalf of

Korea Iron & Steel Association

Donald B. Cameron)
Debra Heitman) – OF COUNSEL
Julie C. Mendoza)

Flanges and Fittings

Hogan & Hartson LLP
Washington, DC
on behalf of

Flanschenwerk Bebitz GmbH
Bebitz-USA, Inc.
Freidrich Geldbach GmbH & Co.
Wilhelm Galbach GmbH
MGI S.A.
Vilmar S.A.
Metalfar Prodotti
Nicola Galperti & Figlio
Officine Ambrogio
Ulma Forja S. Cooperative

Wolfgang Schmidt, Managing Director, Flanschenwerk Bebitz GmbH, and Chairman, Bebitz-USA, Inc.
Bruce Malashevich, Economic Consulting Services, Inc.
Warren Payne, Economic Consulting Services, Inc.

Lewis E. Leibowitz)
Elizabeth V. Baltzan) – OF COUNSEL
Craig A. Lewis)

Grunfeld, Desiderio, Lebowitz, Silverman & Klestadt LLP
Washington, DC
on behalf of

Silbo Industries, Inc.

Howard Jakob, Executive Vice President, Silbo Industries, Inc.

Max F. Schutzman) – OF COUNSEL

Mayer, Brown & Platt
Washington, DC
on behalf of

Gerlin, Inc.

Joseph P. Romanelli, President, Gerlin, Inc.
Jack J. Sharkey, Executive Vice President, Gerlin, Inc.

Simeon M. Kriesberg)
Carol J. Bilzi) – OF COUNSEL
Lisa L. Levine)

CALENDAR OF PUBLIC HEARING

Those listed below appeared as witnesses at the United States International Trade Commission's hearing:

Subject: Steel (Injury Phase)

Investigation No.: TA-201-73

Date and Time: October 1, 2001 - 9:15 a.m.

This session was held in the Commission's Main Hearing Room, 500 E Street, SW, Washington, DC.

CONGRESSIONAL APPEARANCES:

The Honorable Max Baucus, United States Senator, State of Montana
The Honorable Carl Levin, United States Senator, State of Michigan
The Honorable John Murtha, U.S. Congressman, 12th District, State of Pennsylvania
The Honorable Alan B. Mollohan, U.S. Congressman, 1st District, State of West Virginia
The Honorable Steven LaTourette, U.S. Congressman, 19th District, State of Ohio

CARBON AND ALLOY SEAMLESS, SEAMLESS OIL COUNTRY TUBULAR GOODS (OCTG), WELDED, WELDED OCTG, AND FLANGES, FITTINGS AND TOOL JOINTS:

IN SUPPORT OF RELIEF:

Schagrin Associates
Washington, DC
on behalf of

The Committee on Pipe and Tube Imports ("CPTI")
American Steel Pipe Division of American Cast Iron Pipe Co.
Anvil International, Inc.
Bitrek Corp.
Capitol Manufacturing Co.
Century Tube Corp.
Hannibal Industries, Inc.
IPSCO Tubulars, Inc.
Koppel Steel Corp., a division of NS Group
Laclede Steel
Leavitt Tube
LTV-Copperweld
Lone Star Steel Co.
Maverick Tube Corp.
Newport Steel Corp., a division of NS Group
North Star Steel Co.
Northwest Pipe Co.
Searing Industries
Sharon Tube Co.

Stupp Corp.
Tex-Tube Co.
Vest, Inc.
Vision Metals
Wheatland Tube Co.

Robert D. Bussiere, General Manager, Fire Protection Products, Allied Tube & Conduit Corp.
John Martin, Vice President, National Accounts, Anvil International, Inc.
J. Edward Beck, President, Bitrek Corp.
Steve Beck, President, Beck Manufacturing
Robert French, Vice President and General Manager, Sales and Marketing, Century Tube Corp.
L. Scott Barnes, Vice President, Commercial, IPSCO Tubulars, Inc.
W. Byron Dunn, President and CEO, Lone Star Steel Co.
Steve Fowler, Senior Vice President, Sales and Marketing, Lone Star Steel Co.
David S. Mitch, Executive Vice President, Tubulars Products Group, LTV Copperweld
Barry J. Marrs, President and CEO, Master Halco
Gregg Eisenberg, President and CEO, Maverick Tube Corp.
Paul Vivian, Marketing Manager, Energy Products, Maverick Tube Corp.
Herb Hamilton, General Manager and Director of Governmental Trade Affairs, NS Group, Inc.
Ronny R. Clark, General Sales Manager, North Star Steel Co.
David Chase, Vice President and General Manager, Nucor Steel Arkansas
Glenn Baker, Vice President, Searing Industries
Lee Hooper, President and CEO, Sharon Tube Co.
Donald Strittmatter, President, The Ideal Supply Co.
Michael J. Scott, Vice President, Sales and Marketing, Weirton Steel Corp.
Mark Magno, Vice President, Marketing, Wheatland Tube Co.
James E. Feeney, Consultant, Wheatland Tube Co.
Dr. Robert A. Blecker, Professor, Department of Economics, American University

Roger B. Schagrin) – OF COUNSEL

Skadden, Arps, Slate, Meagher & Flom LLP
Washington, DC
on behalf of

United States Steel LLC
Bethlehem Steel Corp.

Thomas J. Usher, Chairman and CEO, United States Steel LLC
Gary F. Gajdzik, General Manager for Tubular Products, United States Steel LLC
Martin Leland, National Sales Manager for Tubular Products, United States Seel LLC
Robert E. Watkins, Jr., Vice President, Planning, Pennsylvania Steel Technologies, a division of Bethlehem Steel Corp.
James A. Cichelli, Sales & Marketing Manager, Pipe, Bethlehem Steel Corp.
Craig Ketchum, Chief Executive Officer and President, Red Man Pipe & Supply, Inc.
Richard Stewart, President, Vinson Supply Co.
Michael Chaddick, Chief Operating Officer, Sooner, Inc.
Larry Binder, Product Manager, Red Man Pipe & Supply, Inc.
Seth T. Kaplan, Vice President, Charles River Associates

Robert E. Lighthizer)
James C. Hecht) – OF COUNSEL
Stephen P. Vaughn)
Stephen J. Narkin)

Harris Ellsworth & Levin
Washington, DC
on behalf of

Mills Iron Works, Inc.
Trinity Fitting Group, Inc.
Tube Forgings of America, Inc.

Kenneth Berger, President, Mills Iron Works, Inc.
Don A. Graham, President, Trinity Fitting Group, Inc.
Jay N. Zidell, President, Tube Forgings of America, Inc.

Cheryl Ellsworth) – OF COUNSEL
John B. Totaro, Jr.)

Mayer, Brown & Platt
Washington, DC
on behalf of

Weldbend Corp.
Boltex Manufacturing Co., L.P.
National Flange and Fitting Co., Inc.

Frank V. Bernobich, President, Boltex Manufacturing Co., L.P.
Alois O. Keilers, President, National Flange and Fitting Co., Inc.
James J. Coulas, Sr., Chairman, Weldbend Corp.
James J. Coulas, Jr., President, Weldbend Corp.

Simeon M. Kriesberg)
Carol J. Bilzi) – OF COUNSEL
Lisa L. Levine)

IN OPPOSITION OF RELIEF:

Oil Country Tubular Goods

Miller & Chevalier
Washington, DC
on behalf of

Grant Prideco, Inc.

Curtis W. Huff, CEO, Grant Prideco, Inc.
Chris Pappouras, President, Sovereign Oil & Gas Co. and Vice President, Nabors Industry
Brian T. Petty, Senior Vice President, Government Affairs, International Association of Drilling Contractors

F. Amanda DeBusk)
Matthew M. Nolan) – OF COUNSEL
John E. Davis)

Kaye Scholer LLP
Washington, DC
on behalf of

Korea Iron & Steel Association
C.A. Conduven

Eduardo Trejo, Vice President, Marketing and Sales, C.A. Conduven

Julie C. Mendoza)
Donald B. Cameron) – OF COUNSEL
Randi Turner)

Dickstein Shapiro Morin & Oshinsky LLP
Washington, DC
on behalf of

Istanbul Metal and Minerals Exporters' Association
Borusan Birleski Boru Fabrikalari A.S.
Mannesmann Boru Endustrisi T.A.S.

Arthur J. Lafave III) – OF COUNSEL

Barnes, Richardson & Colburn
Washington, DC
on behalf of

European Steel Tube Association ("ESTA")
Mannesmann Line Pipe GmbH
MHP Mannesmann Praezisrohr GmbH
Vallourec & Mannesmann Tubes ("V&M")

David Hamrick, President, V&M
Yves Pognonec, Vice President, Industrial Division, V&M
Klaus Welters, Director, Sales Coordination, Mannesmannrohren Werke AG
Raymond Barbier, Executive Director, ESTA

Matthew T. McGrath)
Gunter von Conrad) – OF COUNSEL
Robert A. Shapiro)

Garvey, Schubert & Barer
Washington, DC
on behalf of

Interpipe Corp.
Nizhnedneprovsk Tube Rolling Plant
Novomoskovsk Tube Plant
Nikopol Seamless Tube Plant Niko-Tube

Tor Vatne, President, United Casing, Inc.
Rostyslav Chudnovs'kyy, Interpipe Corp.
Oleg V. Riabokon, Interpreter

William E. Perry) – OF COUNSEL

Kirkland & Ellis
Washington, DC
<u>on behalf of</u>

China Iron and Steel Association
China Chamber of Commerce of Metals, Minerals & Chemicals Importers and Exporters

Paul F. Brinkman) – OF COUNSEL

Law Offices of David L. Simon
Washington, DC
<u>on behalf of</u>

PT Bumi Kaya Steel Industries
PT Citra Tubindo
PT Steel Pipe Industry of Indonesia
PT Bakrie Steel Pipe Industries

David L. Simon) – OF COUNSEL

White & Case LLP
Washington, DC
<u>on behalf of</u>

Tenaris Group

David P. Houlihan)
Gregory Spak) – OF COUNSEL
Lyle B. Vander Schaaf)

<u>Welded Tubular Products Other than Oil Country Tubular Goods</u>

Kaye Scholer LLP
Washington, DC
<u>on behalf of</u>

Korea Iron & Steel Association
C.A. Conduven

Eduardo Trejo, Vice President, Marketing and Sales, C.A. Conduven

Julie C. Mendoza)
Donald B. Cameron) – OF COUNSEL
Randi Turner)

Arent Fox Kintner Plotkin & Kahn, PLLC
Washington, DC
on behalf of

Kawasaki Steel Corp.
Nippon Steel Corp.
NKK Corp.
Sumitomo Metal Industries, Ltd.

and

Barnes, Richardson & Colburn
Washington, DC
on behalf of

European Steel Tube Association ("ESTA")
Mannesmann Line Pipe GmbH
MHP Mannesmann Praezisrohr GmbH
Vallourec & Mannesmann Tubes ("V&M")

Joe D. Maxwell, Sales Manager, CPW America, Inc.
Frank McWilliams, Product Manager, Energy Field Commercial Team, Corus America, Inc.
David Hamrick, President, V&M
Yves Pognonec, Vice President, Industrial Division, V&M
Klaus Welters, Director, Sales Coordination, Mannesmannrohren Werke AG
Raymond Barbier, Executive Director, ESTA

Matthew T. McGrath)
Gunter von Conrad)
Robert A. Shapiro)
Robert H. Huey) – OF COUNSEL
Nancy A. Noonan)
Christina C. Benson)
Steven F. Hill)

Dickstein Shapiro Morin & Oshinsky LLP
Washington, DC
on behalf of

Istanbul Metal and Minerals Exporters' Association
Borusan Birleski Boru Fabrikalari A.S.
Mannesmann Boru Endustrisi T.A.S.

Arthur J. Lafave III) – OF COUNSEL

Kirkland & Ellis
Washington, DC
<u>on behalf of</u>

China Iron and Steel Association
China Chamber of Commerce of Metals, Minerals & Chemicals Importers and Exporters

Paul F. Brinkman	) – OF COUNSEL

White & Case LLP
Washington, DC
<u>on behalf of</u>

Tenaris Group

David P. Houlihan	)
Gregory Spak	) – OF COUNSEL
Lyle B. Vander Schaaf	)

Willkie Farr & Gallagher
Washington, DC
<u>on behalf of</u>

LPN Steel Plate Co., Ltd.
Pacific Pipe Co., Ltd.
Nakornthai Strip Mill Public Co., Ltd.
Saha Thai Steel Pipe Co., Ltd.
Sahaviraya Plate Mill Co., Ltd.
Sahaviraya Steel Industry Co., Ltd.
The Siam Industrial Wire Co., Ltd.
Siam Strip Mill Co., Ltd.

Kenneth J. Pierce	) – OF COUNSEL

<u>Seamless Tubular Products Other than Oil Country Tubular Goods</u>

White & Case LLP
Washington, DC
<u>on behalf of</u>

Tenaris Group

David P. Houlihan	)
Gregory Spak	) – OF COUNSEL
Lyle B. Vander Schaaf	)

Miller & Chevalier
Washington, DC
on behalf of

Babcock & Wilcox

Gerry W. Johnson, Purchasing Manager of Steel Mill and Foundry Products

Mitchell W. Dale) – OF COUNSEL
F. David Foster)

Powell, Goldstein, Frazer & Murphy LLP
Washington, DC
on behalf of

Caterpillar Inc.

Phil E. Wilfinger, Staff Engineer, Caterpillar, Inc.
Sunit K. Sachdev, Commodity Manager, Caterpillar, Inc.
Phillip B. Straub, Senior Attorney, Caterpillar, Inc.

Elizabeth C. Hafner) – OF COUNSEL

Wilmer, Cutler & Pickering
Washington, DC
on behalf of

Sumitomo Metal Industries, Ltd.
Nippon Steel Corp.
Kawasaki Steel Corp.
Katakura Steel
NKK Corp.
Kobe Special Steel, Ltd.
Sanyo Special Steel Co., Ltd.
American Boiler Manufacturers Association

Randall W. Rawson, President, American Boiler Manufacturers Association
David L. Chapman, Sr., President, International Piping Systems, Ltd.

Leonard M. Shambon) – OF COUNSEL

Barnes, Richardson & Colburn
Washington, DC
on behalf of

European Steel Tube Association ("ESTA")
Mannesmann Line Pipe GmbH
MHP Mannesmann Praezisrohr GmbH
Vallourec & Mannesmann Tubes ("V&M")

Robert J. Brown, R.J. Brown Deepwater
Gordon Aaker, Metallurgical Engineer, R.J.Brown Deepwater
Yves Pognonec, Vice President, Industrial Division, V&M
Raymond Barbier, Executive Director, ESTA
Ken Falgout, Coflexid Stena Offshore, Inc.
Michael R. Jackson, Coflexid Stena Offshore, Inc.

Matthew T. McGrath)
Gunter von Conrad) – OF COUNSEL
Robert A. Shapiro)

Steptoe & Johnson LLP
Washington, DC
on behalf of

Ovako Steel
AB and Ovako Ajax, Inc.

Herbert C. Shelly) – OF COUNSEL

Flanges, Fittings, and Tool Joints

Hogan & Hartson LLP
Washington, DC
on behalf of

Flanschenwerk Bebitz GmbH
Bebitz-USA, Inc.
Freidrich Geldbach GmbH & Co.
Wilhelm Galbach GmbH
MGI S.A.
Vilmar S.A.
Metalfar Prodotti
Nicola Galperti & Figlio
Officine Ambrogio
Ulma Forja S. Cooperative

Wolfgang Schmidt, Managing Director, Flanschenwerk Bebitz GmbH, and Chairman, Bebitz-USA, Inc.
Warren Payne, Economic Consulting Services, Inc.
Bruce Malashevich, Economic Consulting Services, Inc.

Lewis E. Leibowitz)
Craig A. Lewis) – OF COUNSEL
Elizabeth V. Baltzan)

Kaye Scholer LLP
Washington, DC
on behalf of

Korea Iron & Steel Association
Allied Fittings, Inc.

Marc Herzstein, President, Allied Fittings, Inc.
Andrew D. Weisblatt, Attorney, Weisblatt & Associates

Julie C. Mendoza)
Donald B. Cameron) – OF COUNSEL
Raymond Paretzky)

Grunfeld, Desiderio, Lebowitz, Silverman & Klestadt LLP
Washington, DC
on behalf of

Silbo Industries, Inc.

Howard Jakob, Executive Vice President, Silbo Industries, Inc.

Jeffrey S. Grimson) – OF COUNSEL

Mayer, Brown & Platt
Washington, DC
on behalf of

Weldbend Corp.

James J. Coulas, Sr., Chairman, Weldbend Corp.
James J. Coulas, Jr., President, Weldbend Corp.

Simeon M. Kriesberg)
Carol J. Bilzi) – OF COUNSEL
Lisa L. Levine)

NAFTA Presentations

Manatt Phelps & Phillips, LLP
Washington, DC
on behalf of

Altos Hormos de Mexico, S.A. de C.V.
Hylsamex S.A. de C.V.

David R. Amerine) – OF COUNSEL

Hunton & Williams
Washington, DC
on behalf of

Atlas Tube, Inc.
Dofasco, Inc.
Ispat Sidbec, Inc.
LTV Copperweld Canadian Tubular Division
Stelco, Inc.
Welded Tube of Canada, Ltd.

Barry Zekelman, Vice President, Atlas Tube, Inc.
Robert Mandel, Vice President - Commercial, Welded Tube of Canada, Ltd.
Thomas E. Van Pelt, President, Service Steel
Bruce Malashevich, President, Economic Consulting Services, Inc.
Donald Belch, Stelco, Inc.

William Silverman)
Douglas J. Heffner) – OF COUNSEL
Dianne M. Keppler)

White & Case LLP
Washington, DC
on behalf of

Productos Laminados de Monterrey, S.A. de C.V.
Prolamsa, Inc.
Tuberia Nacional, S.A. de C.V.
Niples del Norte, S.A. de C.V.
Industias Monterrey, S.A. de C.V.
IMSA, Incoporated
Tubos de Acero de Mexico, S.A.

Roberto Russildi, Vice President and General Manager, Niples del Norte, S.A. de C.V.

David E. Bond) – OF COUNSEL
Robert G. Gosselink)

CALENDAR OF PUBLIC HEARING

Those listed below appeared as witnesses at the United States International Trade Commission's hearing:

Subject: Steel (Injury Phase)

Investigation No.: TA-201-73

Date and Time: October 5, 2001 - 9:00 a.m.

This session was held at the Radisson Hotel at Star Plaza, 800 East 81st Avenue, Merrillville, Indiana.

CONGRESSIONAL AND OTHER GOVERNMENTAL APPEARANCES:

The Honorable Evan Bayh, United States Senator, State of Indiana
The Honorable Peter J. Visclosky, U.S. Congressman, 1st District, State of Indiana
Michael A. Delph, District Director, on behalf of the Honorable Dan Burton, U.S. Congressman, 6th District, State of Indiana

STATE APPEARANCES:

The Honorable Frank O'Bannon, Governor, State of Indiana
The Honorable Stephen Carter, Attorney General, State of Indiana
The Honorable John C. Aguilera, State Representative, 12th District, State of Indiana
James Barnhart, Commissioner of Labor, State of Alabama, Department of Labor, on behalf of Donald Siegelman, Governor, State of Alabama
Todd Rokita, Deputy Secretary of State, State of Indiana

ACADEMIC APPEARANCE:

Jill Long Thompson, Visiting Professor, School of Public and Environmental Affairs, Indiana University South Bend

<u>IN SUPPORT OF RELIEF:</u>

<u>Industry and Management Appearances:</u>

Stewart and Stewart
Washington, DC
<u>on behalf of</u>

United Steelworkers of America, AFL-CIO ("USWA")

Leo W. Gerard, International President, USWA
Jim Robinson, Assistant Secretary, USWA, District 7
Tom Conway, Secretary, Basic Steel Industry Conference
Leonard Tomazweski, District 7 Board Member, Steelworkers Association of Active Retirees
Lawrence McBrearty, Director, USWA Canadian National Office
Terry Wooden, USWA, Local 3643 (Laclede Steel, Alton, Illinois)
Russ Lovell, USWA, Local 63 (Northwestern Steel and Wire, Sterling, Illinois)
Kelly Hansen, USWA, Local 2701 (Geneva Steel, Provo, Utah)
Pat Shaffer, USWA, Local 2176 (Gulf States Steel, Gadsen, Alabama)
Robert Griffin, USWA, Locals 1053 & 1657 (Acme Metals, Riverview, Illinois)
Ginger DeCoster, USWA, Locals 9264, 1299, and 6103 (National Steel, Ecorse, Michigan)
Louise Zimmerman, USWA with Republic Technologies (various locals and locations)
Tom Hargrove, USWA, Local 1010 (ISPAT Inland, East Chicago, Illinois)
Richard Dowdell, USWA, Local 1011 (LTV Steel, Indiana Harbor, Indiana)
Dennis Henry, President, USWA, Local 1011
Nancy Smith, USWA, Local 1066 (USS Gary Works, Gary, Indiana)
Jerry Watson, USWA, Local 1066 (USS Gary Works, Gary, Indiana)
Paul Gipson, USWA, Local 6787 (Bethlehem Burns Harbor, Burns Harbor, Indiana)
David Bochnowski, President and CEO, People's Bank
Beth Kaminski, President and CEO, Ancilla Systems, Inc.
Betty Quinn, Indiana Federation of Teachers
Paul Whitehead, General Counsel, USWA
Arlus J. Stephens, Assistant General Counsel, USWA
Rebecca L. Woodings, Trade Consultant, Stewart and Stewart

Terence P. Stewart)
Patrick McDonough) – OF COUNSEL

Schagrin Associates
Washington, DC
<u>on behalf of</u>

Independent Steelworkers Union

Mark Glyptis, President, Independent Steelworkers Union, Weirton, West Virginia

Roger B. Schagrin) – OF COUNSEL

Wiley Rein & Fielding LLP
Washington, DC
on behalf of

Minimill 201 Coalition (and its individual members)

Ron Colella, former Assistant to the CFO, Auburn Steel

Charles Owen Verrill, Jr.) – OF COUNSEL

Dale E. Johnsen, President, Northwestern Indiana Building and Construction Trades Council, Hammond, Indiana

Academic, Professional Associations, and Business Appearances:

Thomas M. McDermott, President and CEO, Northwest Indiana Forum, Inc., Portage, Indiana

Miller Thomson Wickens & Lebow LLP
Washington, DC
on behalf of

Institute of Scrap Recycling Industries, Inc. ("ISRI")

Shelley Padnos, Immediate Past President, ISRI

Edward M. Lebow) – OF COUNSEL

Dean H. Hall, Senior Vice President, Development, Primary Energy, Merrillville, Indiana

IN OPPOSITION TO RELIEF:

Consuming Industries Trade Action Coalition
Industrial Fasteners Institute
McLean-Fogg Co.

Tim Taylor, Vice President, IFI, and President, McLean Vehicle Systems, a division of McLean-Fogg Co.

Porter Wright Morris & Arthur LLP
Washington, DC
on behalf of

Kern-Liebers USA, Inc.

Lothar A. Bauerle, President and CEO, Kern-Liebers USA, Inc.

Leslie Alan Glick) – OF COUNSEL

CALENDAR OF PUBLIC HEARING

Those listed below appeared as witnesses at the United States International Trade Commission's hearing:

Subject: Steel (Remedy Phase)

Investigation No.: TA-201-73

Date and Time: November 6, 2001 - 9:30 a.m.

This session was held in the Commission's Main Hearing Room, 500 E Street, SW, Washington, DC.

CONGRESSIONAL APPEARANCES:

The Honorable John D. Rockefeller, IV, United States Senator, State of West Virginia
The Honorable Ralph Regula, U.S. Congressman, 16th District, State of Ohio
The Honorable Spencer Bachus, U.S. Congressman, 6th District, State of Alabama
The Honorable Bart Stupak, U.S. Congressman, 1st District, State of Michigan
The Honorable Phil English, U.S. Congressman, 21st District, State of Pennsylvania
The Honorable Chris Cannon, U.S. Congressman, 3rd District, State of Utah

EMBASSY APPEARANCES:

Embassy of New Zealand
Washington, DC

Dr. David Walker, Charge, Embassy of New Zealand

Embassy of Australia
Washington, DC

His Excellency Michael J. Thawley, Ambassador Extraordinary & Plenipotentiary, Embassy of Australia

Embassy of Mexico
Washington, DC

Javier Mancera, Director, Trade and NAFTA

OPENING REMARKS:

In Support of Relief:

> **Robert Lighthizer,** Skadden Arps Slate Meagher & Flom LLP
> **Roger B. Schagrin,** Schagrin Associates

In Opposition to Relief:

> **Donald B. Cameron**, Kaye Scholer LLP
> **Richard O. Cunningham**, Steptoe & Johnson

CARBON AND ALLOY STEEL SLABS; PLATE; HOT-ROLLED SHEET, STRIP, AND COILS; COLD-ROLLED SHEET AND STRIP OTHER THAN GOES; CORROSION-RESISTANT AND OTHER COATED SHEET AND STRIP; AND TIN MILL PRODUCTS:

IN SUPPORT OF RELIEF:

Dewey Ballantine LLP
Washington, DC
on behalf of

Bethlehem Steel Corp.
LTV Steel Co.
National Steel Corp.
United States Steel LLC

> **Thomas Usher**, Chairman and CEO, United States Steel LLC
> **Robert S. Miller**, Chairman and CEO, Bethlehem Steel Corp.
> **Seth Kaplan**, Vice President and Economist, Charles River Associates
> **Richard Fruehan**, Professor, Carnegie Mellon University
> **Carl Meitzner**, Vice President, Planning, Bethlehem Steel Corp.
> **David Conrad**, Manager, Bethlehem Steel Corp.
> **Stephen Szymanski**, Manager, Sales and Services - Service Centers, United States Steel LLC
> **William Noellert**, Chief Economist, Dewey Ballantine LLP
> **Susan Hester**, Economist, Dewey Ballantine LLP
> **David Riker**, Economist, Charles River Associates

Alan Wm. Wolff)
Jennifer Danner Riccardi) – OF COUNSEL
Kevin M. Dempsey)
Michael Stein)

Skadden, Arps, Slate, Meagher & Flom LLP
Washington, DC
on behalf of

Bethlehem Steel Corp.
LTV Steel Co.
National Steel Corp.
United States Steel LLC

Robert E. Lighthizer)
Stephen Vaughn) – OF COUNSEL
Stephen Narkin)
James C. Hecht)

Schagrin Associates
Washington, DC
on behalf of

201 Minimill Coalition
Gallatin Steel Co.
IPSCO Steel, Inc.
Nucor Corp.
Steel Dynamics, Inc.
Geneva Steel Co.
Rouge Steel Co.
WCI Steel, Inc.
Weirton Steel Corp.
Independent Steelworkers Union

Joseph A. Cannon, Chairman, Geneva Steel Co.
Roger Phillips, President and CEO, IPSCO Steel, Inc.
Daniel R. DiMicco, President and CEO, Nucor Corp.
Carl L. Valdiserri, Chairman and CEO, Rouge Steel Co.
Keith Busse, President and CEO, Steel Dynamics, Inc.
Edward R. Caine, President and CEO, WCI Steel, Inc.
John Walker, President and CEO, Weirton Steel Corp.
Mark Glyptis, President, Independent Steelworkers Union
Robert E. Scott, Economist, Economic Policy Institute

Roger B. Schagrin) – OF COUNSEL

Stewart and Stewart
Washington, DC
<u>on behalf of</u>

United Steelworkers of America, AFL-CIO ("USWA")

Leo Gerard, International President, USWA
Thomas Conway, Secretary, Basic Steel Conference, USWA
Cary Burnell, Technician, Pattern Bargaining & Strategic Projects, USWA
Stephen A. Herzenberg, Executive Director, Keystone Research Center
Paul Whitehead, General Counsel, USWA
Rebecca L. Woodings, Trade Consultant, Stewart and Stewart

Terence P. Stewart)
Patrick McDonough) – OF COUNSEL

<u>NON-PARTY:</u>

Patton Boggs LLP
Washington, DC
<u>on behalf of</u>

Wheeling Pittsburgh Steel

Paul Bucha, Chairman, Ohio Coating Co., and former Chairman, Wheeling Pittsburgh Steel

Frank R. Samolis) – OF COUNSEL

<u>IN OPPOSITION TO RELIEF:</u>

<u>Joint Respondents' Overview/Economic Presentation</u>

Willkie Farr & Gallagher
Washington, DC
<u>on behalf of</u>

Nippon Steel Corp.
NKK Corp.
Sumitomo Metal Industries, Ltd.
Kobe Steel, Ltd.
Nisshin Steel Co., Ltd.
Japan Iron and Steel Exporters' Association

Thomas J. Prusa, Professor, Rutgers University
Kenneth Kayal, Counsel, Sony Electronics, Inc.
Mary Alexander, Assistant General Manager, Government & Public Affairs, Panasonic

James P. Durling)
Matthew R. Nicely) – OF COUNSEL
Julia K. Eppard)

Willkie Farr & Gallagher
Washington, DC
on behalf of

Companhia Siderurgica Nacional
Companhia Siderurgica paulista
Companhia Siderurgica Tubarao
Usinas Siderurgicas de Minas Gerais
Aco Minas Gerais S.A.

Christopher Dunn) – OF COUNSEL
Daniel L. Porter)

Willkie Farr & Gallagher
Washington, DC
on behalf of

LPN Steel Plate Co., Ltd.
Sahaviriya Plate Mill Co., Ltd.
Sahaviriya Steel Industry Co., Ltd.
Siam Strip Mill Co., Ltd.
Nakornthai Strip Mill Public Co., Ltd.
Thai Cold Rolled Steel Co., Ltd.
Siam United Steel Co., Ltd.
Thai Coated Sheet Co., Ltd.

Kenneth J. Pierce) – OF COUNSEL
Matthew R. Nicely)

Gibson, Dunn & Crutcher LLP
Washington, DC
on behalf of

Kawasaki Steel Corp.
Kobe Steel, Ltd.
Nippon Steel Corp.
NKK Corp.
Nisshin Steel Co., Ltd.
Sumitomo Metal Industries, Ltd.

Joseph H. Price) – OF COUNSEL
Brian Rohal)

Kaye Scholer LLP
Washington, DC
on behalf of

Korea Iron & Steel Association

Donald B. Cameron) – OF COUNSEL
Julie C. Mendoza)

Steptoe & Johnson
Washington, DC
on behalf of

Corus Group plc

Richard O. Cunningham) – OF COUNSEL
Troy H. Cribb)

Sharretts, Paley, Carter & Blauvelt, P.C.
Washington, DC
on behalf of

European Producers

John Reilly, Economist, Nathan Associates, Inc.
Charles Blum, President, IAS

Gail T. Cumins) – OF COUNSEL

Kirkland & Ellis
Washington, DC
on behalf of

China Iron and Steel Association
China Chamber of Commerce of Metals, Minerals & Chemicals Importers and Exporters

Paul F. Brinkman) – OF COUNSEL

Powell, Goldstein, Frazer & Murphy LLP
Washington, DC
on behalf of

JSC Severstal
Steel Authority of India, Ltd.
Tata Iron and Steel Co.
Jindal Vijaynagar Steel, Ltd.
Jindal Iron and Steel Co., Ltd.
Essar Steel, Ltd.
Ispat Industries, Ltd.

Lawrence R. Walders) – OF COUNSEL

Wilmer, Cutler & Pickering
Washington, DC
on behalf of

BHP Steel (AIS) Pty, Ltd.
BHP New Zealand Steel, Ltd.
BHP Steel Americas, Inc.

David A. Catterlin, President, Pinole Point Steel, Inc.
Lance Hockridge, President, BHP
Patrick Finan, President, Steelscape, Inc.

John D. Greenwald) – OF COUNSEL
Leonard M. Shambon)

White & Case LLP
Washington, DC
on behalf of

Siderar S.A.I.C.
Siderurgica del Orinico C.A.
Siderca Corp.

Lyle B. Vander Schaaf) – OF COUNSEL
Joseph H. Heckendorn)

Dickstein, Shapiro, Morin & Oshinsky LLP
Washington, DC
on behalf of

Istanbul Metal and Minerals Exporters' Association
Borcelik Celik Sanayi ve Ticaret A.S.

Arthur J. Lafave III) – OF COUNSEL

Law Office of David L. Simon
Washington, DC
on behalf of

Eregli Demir vd Celik
PT Krakatau Steel

David L. Simon) – OF COUNSEL
Lee D. Noble)

Barnes, Richardson & Colburn
Washington, DC
on behalf of

The Association of Specialty Cold Rolled Strip Producers of Germany, Austria and Sweden

Matthew T. McGrath) – OF COUNSEL
Gunter von Conrad)

Kalik Lewin
Washington, DC
on behalf of

Azovstal Iron and Steel Works
Ilyich Iron ahd Steel Works

Martin J. Lewin) – OF COUNSEL

Consuming Industries Presentation

Hogan & Hartson LLP
Washington, DC
on behalf of

Consuming Industries Trade Action Coalition

Jon E. Jenson, Chairman, Consuming Industries Trade Action Coalition
Mark J. Erickson, President, Thomas Engineering Co. and Chairman, Precision Metalforming Association
William E. Sopko, CEO, Stamco Industries
James J. Zawacki, President, GR Spring & Stamping, Inc.
Laura M. Baughman, President, The Trade Partnership
David Delie, Chief Operating Officer, Berg Steel Pipe Corp.

Lewis E. Leibowitz) – OF COUNSEL
Lynn G. Kamarck)

Emergency Committee for American Trade
Washington, DC
on behalf of

Emergency Committee for American Trade

Calman J. Cohen, President, Emergency Committee for American Trade

deKieffer & Horgan
Washington, DC
on behalf of

Free Trade in Steel Coalition

Dennis Rochford, President, Maritime Exchange of the Delaware River and Bay
Mark Papineau, Martin Associates

Donald E. deKieffer) – OF COUNSEL
Frank A. Orban III)

Bryan Cave LLP
Washington, DC
on behalf of

Emerson Electric Co.

Al Suter, Senior Advisor, Retired Vice Chairman and Chief Operating Officer, Emerson Electric Co.

Daniel M. Fischer-Owens) – OF COUNSEL

Slab Presentation

King & Spalding
Washington, DC
on behalf of

AK Steel Corp.
California Steel Industries, Inc.
Duferco Farrell Corp.
Oregon Steel Mills, Inc.

John Hritz, Executive Vice President, AK Steel Corp.
Ernie Rummler, Vice President of Manufacturing, Planning and Steel Sourcing, AK Steel Corp.
David C. Horn, Vice President and General Counsel, AK Steel Corp.
Lourenco Goncalves, President and Chief Executive Officer, California Steel Industries, Inc.
Vicente Wright, Chief Financial Officer & Slab Acquisition, California Steel Industries, Inc.
Robert D. Miller, Treasurer, Duferco Farrell Corp.
Joe Corvin, President, Chief Executive Officer and Director, Oregon Steel Mills, Inc.
Steven Rowan, Vice President of Materials and Transportation, Oregon Steel Mills, Inc.

Joseph W. Dorn) – OF COUNSEL
Duane W. Layton)

Willkie Farr & Gallagher
Washington, DC
on behalf of

Companhia Siderurgica Nacional
Companhia Siderurgica paulista
Companhia Siderurgica Tubarao
Usinas Siderurgicas de Minas Gerais
Aco Minas Gerais S.A.

Christopher Dunn) – OF COUNSEL
Daniel L. Porter)

Wilmer, Cutler & Pickering
Washington, DC
on behalf of

BHP Steel (AIS) Pty, Ltd.
BHP New Zealand Steel, Ltd.
BHP Steel Americas, Inc.

David A. Catterlin, President, Pinole Point Steel, Inc.
Lance Hockridge, President, BHP
Patrick Finan, President, Steelscape, Inc.

John D. Greenwald) – OF COUNSEL
Leonard M. Shambon)

Other Feedstock Presentation

Wilmer, Cutler & Pickering
Washington, DC
on behalf of

BHP Steel (AIS) Pty, Ltd.
BHP New Zealand Steel, Ltd.
BHP Steel Americas, Inc.

David A. Catterlin, President, Pinole Point Steel, Inc.
Lance Hockridge, President, BHP
Patrick Finan, President, Steelscape, Inc.

John D. Greenwald) – OF COUNSEL
Leonard M. Shambon)

Kaye Scholer LLP
Washington, DC
on behalf of

Korea Iron & Steel Association

Donald B. Cameron) – OF COUNSEL
Julie C. Mendoza)

Steptoe & Johnson
Washington, DC
on behalf of

Corus Group plc

Richard O. Cunningham) – OF COUNSEL
Troy H. Cribb)

Tin Mill Presentation

Akin, Gump, Strauss, Hauer & Feld
Washington, DC
on behalf of

Can Manufacturers' Coalition

Thomas A. Scrimo, Senior Vice President & General Manager, Aerosol, Paint, General Line and Business Support Operations, United States Can Co.
Marc Seanor, Director of Steel Purchasing, Packaging Operation, Ball Corp.

Valerie A. Slater) – OF COUNSEL
Wendy E. Kamenshine)

Joint Respondents' Other Specific Product Presentation

Willkie Farr & Gallagher
Washington, DC
on behalf of

Nippon Steel Corp.
NKK Corp.
Sumitomo Metal Industries, Ltd.
Kobe Steel, Ltd.
Nisshin Steel Co., Ltd.
Japan Iron and Steel Exporters' Association

Thomas J. Prusa, Rutgers University

James P. Durling)
Matthew R. Nicely) – OF COUNSEL
Julia K. Eppard)

Willkie Farr & Gallagher
Washington, DC
on behalf of

Companhia Siderurgica Nacional
Companhia Siderurgica paulista
Companhia Siderurgica Tubarao
Usinas Siderurgicas de Minas Gerais
Aco Minas Gerais S.A.

Christopher Dunn)
Daniel L. Porter) – OF COUNSEL

Willkie Farr & Gallagher
Washington, DC
on behalf of

LPN Steel Plate Co., Ltd.
Sahaviriya Plate Mill Co., Ltd.
Sahaviriya Steel Industry Co., Ltd.
Siam Strip Mill Co., Ltd.
Nakornthai Strip Mill Public Co., Ltd.
Thai Cold Rolled Steel Co., Ltd.
Siam United Steel Co., Ltd.
Thai Coated Sheet Co., Ltd.

Kenneth J. Pierce)
Matthew R. Nicely) – OF COUNSEL

Gibson, Dunn & Crutcher LLP
Washington, DC
on behalf of

Kawasaki Steel Corp.
Kobe Steel, Ltd.
Nippon Steel Corp.
NKK Corp.
Nisshin Steel Co., Ltd.
Sumitomo Metal Industries, Ltd.

Joseph H. Price **Brian Rohal**	)) – OF COUNSEL

Kaye Scholer LLP
Washington, DC
on behalf of

Korea Iron & Steel Association

Donald B. Cameron **Julie C. Mendoza**	)) – OF COUNSEL

Steptoe & Johnson
Washington, DC
on behalf of

Corus Group plc

Richard O. Cunningham **Troy H. Cribb**	)) – OF COUNSEL

deKieffer & Horgan
Washington, DC
on behalf of

European Confederation of Iron and Steel Industries ("EUROFER")
AG der Dillinger Huttenwerke
GTS Industries S.A.
Rautaruukki Oy
Riva Group
Salzgitter AG Stahl und Technologie
SSAB Oxelosund AB
Thyssen Krupp Stahl AG
Voest-Alpine Grobblech GmbH

Donald E. deKieffer	) – OF COUNSEL

Sharretts, Paley, Carter & Blauvelt, P.C.
Washington, DC
on behalf of

European Producers

Gail T. Cumins) – OF COUNSEL

Kirkland & Ellis
Washington, DC
on behalf of

China Iron and Steel Association
China Chamber of Commerce of Metals, Minerals & Chemicals Importers and Exporters

Paul F. Brinkman) – OF COUNSEL

Powell, Goldstein, Frazer & Murphy LLP
Washington, DC
on behalf of

JSC Severstal
Steel Authority of India, Ltd.
Tata Iron and Steel Co.
Jindal Vijaynagar Steel, Ltd.
Jindal Iron and Steel Co., Ltd.
Essar Steel, Ltd.
Ispat Industries, Ltd.

Lawrence R. Walders) – OF COUNSEL

Wilmer, Cutler & Pickering
Washington, DC
on behalf of

BHP Steel (AIS) Pty, Ltd.
BHP New Zealand Steel, Ltd.
BHP Steel Americas, Inc.

David A. Catterlin, President, Pinole Point Steel, Inc.
Lance Hockridge, President, BHP
Patrick Finan, President, Steelscape, Inc.

John D. Greenwald)
Leonard M. Shambon) – OF COUNSEL

White & Case LLP
Washington, DC
on behalf of

Siderar S.A.I.C.
Siderurgica del Orinico C.A.
Siderca Corp.

Lyle B. Vander Schaaf) – OF COUNSEL
Joseph H. Heckendorn)

Dickstein, Shapiro, Morin & Oshinsky LLP
Washington, DC
on behalf of

Istanbul Metal and Minerals Exporters' Association
Borcelik Celik Sanayi ve Ticaret A.S.

Arthur J. Lafave III) – OF COUNSEL

Law Office of David L. Simon
Washington, DC
on behalf of

Eregli Demir vd Celik
PT Krakatau Steel

David L. Simon) – OF COUNSEL
Lee D. Noble)

Barnes, Richardson & Colburn
Washington, DC
on behalf of

The Association of Specialty Cold Rolled
Strip Producers of Germany, Austria and Sweden

Matthew T. McGrath) – OF COUNSEL
Gunter von Conrad)

Kalik Lewin
Washington, DC
on behalf of

Azovstal Iron and Steel Works
Ilyich Iron ahd Steel Works

Martin J. Lewin) – OF COUNSEL

Coudert Brothers
Washington, DC
on behalf of

Galvex Estonia OÜ

Daniel Bain, Member of the Board, Galvex Estonia OÜ

Kay C. Georgi) – OF COUNSEL

White & Case LLP
Washington, DC
on behalf of

Industria Galvanizadora, S.A. de C.V.

Walter J. Spak)
Joseph H. Heckendorn) – OF COUNSEL
Lyle B. Vander Schaaf)

NAFTA/CBERA

White & Case LLP
Washington, DC
on behalf of

Industrias Monterrey, S.A. de C.V.
Zincacero, S.A. de C.V.
IMSA, Inc.

Eduardo Flores Saavedra, International Trade Advisor, Grupo IMSA, S.A. de C.V.

Walter J. Spak)
Frank H. Morgan) – OF COUNSEL

Thompson Coburn
Washington, DC
on behalf of

Ispat Mexicana, S.A. de C.V.

P.S. Venkataramanan, Vice President, Sales & Marketing, Ispat Mexicana, S.A. de C.V.
Gerardo Reyes, Sales Manager, Ispat Mexicana, S.A. de C.V.
Byron Dunn, President and Chief Executive Officer, Lone Star Steel Co.
Paul Leatherwood, Vice President, Purchasing & Transportation Services, Lone Star Steel Co.

Murray J. Belman)
Mark L. Parsons) – OF COUNSEL

Other Country-Specific Issues

Manatt Phelps & Phillips, LLP
Washington, DC
on behalf of

Altos Hornos de Mexico, S.A. de C.V.
Hylsamex, S.A. de C.V.

Jeffrey S. Neeley) – OF COUNSEL

CALENDAR OF PUBLIC HEARING

Those listed below appeared as witnesses at the United States International Trade Commission's hearing:

Subject: Steel (Remedy Phase)

Investigation No.: TA-201-73

Date and Time: November 8, 2001 - 9:30 a.m.

This session was held in the Commission's Main Hearing Room, 500 E Street, SW, Washington, DC.

CONGRESSIONAL APPEARANCES:

The Honorable Arlen Specter, United States Senator, State of Pennsylvania
The Honorable Paul Wellstone, United States Senator, State of Minnesota
The Honorable Mark Dayton, United States Senator, State of Minnesota
The Honorable James L. Oberstar, U.S. Congressman, 8th District, State of Minnesota
The Honorable James V. Hansen, U.S. Congressman, 1st District, State of Utah
The Honorable Alan B. Mollohan, U.S. Congressman, 1st District, State of West Virginia
The Honorable Peter J. Visclosky, U.S. Congressman, 1st District, State of Indiana
The Honorable Nathan Deal, U.S. Congressman, 9th District, State of Georgia
The Honorable Jack Quinn, U.S. Congressman, 30th District, State of New York
The Honorable Marion Berry, U.S. Congressman, 1st District, State of Arkasas
The Honorable Johnny Isakson, U.S. Congressman, 6th District, State of Georgia
The Honorable Brian D. Kerns, U.S. Congressman, 7th District, State of Indiana

OPENING REMARKS:

In Support of Relief:

Alan H. Price, Wiley, Rein & Fielding LLP

In Opposition to Relief:

Richard O. Cunningham, Steptoe & Johnson, LLP
William K. Ince, Cameron & Hornbostel

CARBON AND ALLOY HOT-ROLLED BAR AND LIGHT SHAPES, COLD-FINISHED BAR, AND REBAR:

IN SUPPORT OF RELIEF:

Wiley Rein & Fielding LLP
Washington, DC
on behalf of

Minimill 201 Coalition
United Steelworkers of America, AFL-CIO ("USWA")

Robert E. Scott, Senior International Economist, Economic Policy Institute
John Correnti, Chairman and CEO, Birmingham Steel
Dan DiMicco, President and CEO, Nucor Corp.
Phil Casey, President and CEO, AmeriSteel Corp.
Clyde Selig, Steel Group President and Chief Operating Officer, Commercial Metals Co.
James T. Thielens, Jr., Vice President, Marketing, Republic Technologies International
Jim Fritsch, Vice President, Strategic Planning, Commercial Metals Steel Group
Douglas Gunson, Manager, Corporate Counsel, Nucor Corp.
Robert Muhlhan, Vice President, Material Procurement, AmeriSteel

Charles Owen Verrill, Jr.)
Alan H. Price) – OF COUNSEL
Timothy C. Brightbill)

North Star Steel

Jon Ruth, Executive Vice President Commercial (Cargill), North Star Steel

King & Spalding
Washington, DC
on behalf of

Cold Finished Trade Coalition

Paul J. Darling, President and Chief Executive Officer, Corey Steel Co.
David Nelsen, President and Chief Executive Officer, Nelsen Steel Co.

Thomas R. Graham) – OF COUNSEL

Stewart and Stewart
Washington, DC
on behalf of

United Steelworkers of America, AFL-CIO ("USWA")

James King, USWA, Local 1104
Rebecca L. Woodings, Trade Consultant, Stewart and Stewart

Patrick J. McDonough) – OF COUNSEL

Thompson Coburn
Washington, DC
on behalf of

Ispat Inland, Inc.

Stephen C. Rogers, Vice President, Sales & Marketing, Ispat Inland, Inc.
John T. (Sean) Durkin, Jr., Economist, Chicago Partners LLC

Murray J. Belman)
Mark L. Parsons) – OF COUNSEL

IN OPPOSITION TO RELIEF:

Powell, Goldstein, Frazer & Murphy LLP
Washington, DC
on behalf of

Caterpillar, Inc.

William C. Lane, Washington Director of Governmental Affairs, Caterpillar, Inc.
Sunit K. Sachdev, Commodity Manager, Caterpillar, Inc.
Phillip B. Straub, Senior Attorney, Caterpillar, Inc.

Elizabeth C. Hafner) – OF COUNSEL

Steptoe & Johnson
Washington, DC
on behalf of

Corus Group plc

Jeffrey W. Hoye, President, Field Commercial Team, Corus America, Inc.

Richard O. Cunningham)
Tina Potuto Kimble) – OF COUNSEL

Law Offices of David L. Simon
Washington, DC
on behalf of

European Confederation of Iron and Steel Industries ("EUROFER")

Clark Chandler, Senior Vice President, Economic Consulting Services, Inc.
Jerri Mirga, Senior Economist, Economic Consulting Services, Inc.

David L. Simon) – OF COUNSEL

Dickstein Shapiro Morin & Oshinsky LLP
Washington, DC
on behalf of

Istanbul Metal and Minerals Exporters' Association
Ozkan Demir Celik Sanayi A.S.
Kaptan Demir Celik Endustrisi ve Ticaret T.A.S.
Colakoglu Metalurji A.S.
Ekinciler Demir ve Celik Sanayi A.A.
ICDAS Celik Enerji Tersane ve Ulasim Sanayi A.S.
Diler Demir Celik
Endustrisi ve Ticaret A.S.
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Kalik Lewin
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on behalf of

ISTIL

Martin J. Lewin) – OF COUNSEL

deKieffer & Horgan
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on behalf of

Hoesch Hohenlimburg GmbH
Saarstahl AG

Donald E. de Kieffer) – OF COUNSEL

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Sumitomo Metal Industries, Ltd.
Kobe Steel, Ltd.
Japan Iron and Steel Exporters' Association

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Ross Rivard, Director, Corporate Planning & Development, NSK Corp.
Hiroji Ishihara, Assistant to Vice President of Finance, NSK Corp.

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Ovako Steel Holding AB
Ovako Ajax

Herbert C. Shelley) – OF COUNSEL

Hogan & Hartson LLP
Washington, DC
on behalf of

Consuming Industries Trade Action Coalition

James O'Donnell, Chief Financial Officer, Camcraft, Inc.

Lewis E. Leibowitz) – OF COUNSEL

NAFTA

Cameron & Hornbostel
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Co-Steel Lasco
Gerdau Courtice Steel, Inc.
Gerdau MRM Steel, Inc.
Ispat Sidbec, Inc.
Laurel Steel, a subdivision of The Harris Group
Slater Steel, Inc.
Stelco, Inc.

George Bereziuk, Sales Manager, Rod and Bar, Stelco, Inc.
Scott Fowler, Vice President, Sales, Hamilton Special Bar Division, Slater Steels
Paul Hojnacki, Chief Operating Officer, Curtis Screw Co.
David Pastirik, Director, Marketing, Slater Stainless, Inc.
Lane Pate, President, Laurel Steel
Paul Rouleau, Commercial Director, Bars and Shapes, Ispat Sidbec, Inc.

William K. Ince)
Alexander Sierck) – COUNSEL

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Gerdau, MRM Steel

Garry Leach, President and CEO, Gerdau, MRM Steel and Director, Gerdau Steel, Inc.
George Berry, IV, President and COO, T.C. Industries, Inc.
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Peter A. Martin) – OF COUNSEL

Hunton & Williams
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on behalf of

Sandvik Steel Co.

William Silverman)
Douglas J. Heffner) – OF COUNSEL
James R. Simoes)

Riggle & Craven
Chicago, IL
<u>on behalf of</u>

Ad Hoc Committee for Fair International Trade

David J. Craven) – OF COUNSEL

Kirkland & Ellis
Washington, DC
<u>on behalf of</u>

China Iron and Steel Association
China Chamber of Commerce of Metals, Minerals & Chemicals Importers and Exporters

Paul F. Brinkman) – OF COUNSEL

<u>CARBON AND ALLOY STEEL WELDED TUBULAR PRODUCTS OTHER THAN OIL COUNTRY TUBULAR GOODS; AND FLANGES, FITTINGS, AND TOOL JOINTS:</u>

<u>OPENING REMARKS:</u>

In Support of Relief:

Roger B. Schagrin, Schagrin Associates

In Opposition to Relief:

Julie Mendoza, Kaye Scholer LLP

IN SUPPORT OF RELIEF:

Schagrin Associates
Washington, DC
on behalf of

American Cast Iron Pipe Co., American Steel Pipe Division
Allied Tube & Conduit Corp.
Anvil International, Inc.
Bitrek Corp.
Capitol Manufacturing Co.
Century Tube Corp.
Hannibal Industries, Inc.
IPSCO Tubulars, Inc.
Leavitt Tube
LTV Copperweld
Lone Star Steel Co.
Maverick Tube Corp.
Newport Steel Corp., a division of the NS group
Northwest Pipe Co.
Searing Industries
Sharon Tube Co.
Stupp Corp.
Tex-Tube Co.
Vest, Inc.
Wheatland Tube Co.

Robert D. Bussiere, General Manager, Fire Protection Products, Allied Tube & Conduit Corp.
J. Edward Beck, President, Bitrek Corp.
Robert Van Noord, Vice President and General Manager, Capitol Manufacturing Co.
L. Scott Barnes, Vice President, Commercial, IPSCO Tubulars, Inc.
Parry Katsafanas, President, Leavitt Tube
David S. Mitch, Executive Vice President, Tubulars Products Group, LTV Copperweld
Glenn Baker, Vice President, Searing Industries
Dan O'Leary, President, Stupp Corp.
Mark Magno, Vice President, Marketing, Wheatland Tube Co.
James E. Feeney, Consultant, Wheatland Tube Co.
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Roger B. Schagrin) – OF COUNSEL

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on behalf of

United Steelworkers of America, AFL-CIO ("USWA")

Robert L. Bland, USWA, Local 3057
Rebecca L. Woodings, Trade Consultant, Stewart and Stewart

Patrick J. McDonough) – OF COUNSEL

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Steel Tube Institute of North America

Timothy Andrassy, Executive Director, Steel Tube Institute of North America

Mark R. Sandstrom) – OF COUNSEL
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on behalf of

Weldbend Corp.
Boltex Manufacturing Co., L.P.
National Flange and Fitting Co., Inc.

Bill Butters, Senior Business Adviser, Boltex Manufacturing Co., L.P.
James J. Coulas, Sr., Chairman, Weldbend Corp.
James J. Coulas, Jr., President, Weldbend Corp.

Simeon M. Kriesberg) – OF COUNSEL
Lisa L. Levine)

Harris Ellsworth & Levin
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on behalf of

Mills Iron Works, Inc.
Trinity Fitting Group, Inc.
Tube Forgings of America, Inc.

Kenneth Berger, President, Mills Iron Works, Inc.
Don A. Graham, President, Trinity Fitting Group, Inc.
Jay N. Zidell, President, Tube Forgings of America, Inc.

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John B. Totaro, Jr.)

IN OPPOSITION TO RELIEF:

Other Welded Pipe

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Korea Iron & Steel Association
C.A. Conduven

Julie C. Mendoza) – OF COUNSEL
Donald B. Cameron)

Dickstein Shapiro Morin & Oshinsky LLP
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on behalf of

Istanbul Metal and Minerals Exporters' Association
Borusan Birleski Boru Fabrikalari A.S.
Mannesmann Boru Endustrisi T.A.A.

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Robor Tube
Macsteel Tube and Pipe (Pty), Ltd.
Bosal Afrika (Pty), Ltd.

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China Chamber of Commerce of Metals, Minerals & Chemicals Importers and Exporters

Paul F. Brinkman) – OF COUNSEL

White & Case LLP
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The Tenaris Group

David P. Houlihan **Lyle B. Vander Schaaf**	) – OF COUNSEL)

Miller & Chevalier
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on behalf of

Government of Taiwan

David Foster **Joel Rogers**	) – OF COUNSEL)

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Rothrist Tube, Inc.

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Large Diameter Line Pipe

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Kawasaki Steel Corp.
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NKK Corp.
Sumitomo Metal Industries, Ltd.

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MHP Mannesmann Praezisrohr GmbH
The European Steel Tube Association
Mannesmann Line Pipe GmbH
Williams, Inc.

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Ron Jones, Senior Attorney, The Williams Companies, Inc.
R. J. Brown, Chairman, R.J. Brown Deepwater
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Jonathan Seiger)

Fittings, Flanges, and Tool Joints

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Hogan & Hartson LLP
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on behalf of

Bebitz USA, Inc.
Flanschenwerk Bebitz GmbH
Friedrich Geldbach GmbH
Metalfar Prodotti Industriali S.p.A.
MGI S.A.
Offincine Ambrogio Melesi & Cie
Ulma forja S.A.
Wilhelm Geldbach GmbH
Vilmar S.A.

Wolfgang Schmidt, Managing Director, Flanschenwerk Bebitz GmBH, and Chairman, Bebitz-USA, Inc.

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CAB, Inc.

Terri Jondahl, Executive VP and CEO, CAB, Inc. and CAB Flange Manufacturing, Inc.

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Istanbul Metal and Minerals Exporters' Association
Borusan Birleski Boru Fabrikalari A.S.
Mannesmann Boru Endustrisi T.A.A.

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Arthur J. Lafave III) – OF COUNSEL

Developing Countries

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Saha Thai Steel Pipe Co., Ltd.
COTCO-SV Eastern Steel Pipe, Ltd.
Pacific Pipe Co., Ltd.

Kenneth J. Pierce) – OF COUNSEL

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The Tenaris Group
Southern Pipe
Kanzen Kagu

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Copperweld Canada, Inc.
Dofasco, Inc.
Ispat Sidbec, Inc.
Stelco, Inc.
Welded Tube of Canada, Ltd.

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Niples del Norte, S.A. de C.V.
Empresa Riga S.A. de C.V.

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CALENDAR OF PUBLIC HEARING

Those listed below appeared as witnesses at the United States International Trade Commission's hearing:

Subject: Steel (Remedy Phase)

Investigation No.: TA-201-73

Date and Time: November 9, 2001 - 9:30 a.m.

This session was held in the Commission's Main Hearing Room, 500 E Street, SW, Washington, DC.

CONGRESSIONAL APPEARANCES:

The Honorable Orrin G. Hatch, United States Senator, State of Utah
The Honorable Rick Santorum, United States Senator, State of Pennsylvania
The Honorable Chuck Hagel, United States Senator, State of Nebraska
The Honorable Robert W. Ney, U.S. Congressman, 18th District, State of Ohio

OPENING REMARKS:

In Support of Relief:

David Hartquist, Collier Shannon Scott, PLLC

In Opposition to Relief:

David L. Simon, Law Offices of David L. Simon

STAINLESS STEEL BAR AND LIGHT SHAPES; STAINLESS STEEL ROD; TOOL STEEL; STAINLESS STEEL WIRE; AND STAINLESS STEEL FLANGES AND FITTINGS:

IN SUPPORT OF RELIEF:

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Allegheny Ludlum Corp.
Carpenter Technology Corp.
Crucible Specialty Metals
Electralloy, a division of G.O. Carlson, Inc.
Slater Steels Corp., Specialty Alloys Division
Timken Latrobe Steel Co.
Flowline Division of Markovitz Enterprise, Inc.
Gerlin, Inc.
Shaw Alloy Piping, Inc.
Taylor Forge Products, Inc.

Dennis M. Draeger, Chairman, President and CEO, Carpenter Technology Corp.
Paul A. Kelly, President and CEO, Slater Steel, Inc.
Andrew McElwee, Vice President, Bar Business Group, Carpenter Technology Corp.
Hans J. Sack, President, Timken Latrobe Steel Co.
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Edward J. Blot, Ed Blot & Associates
Robert M. Feinberg, Professor of Economics, American University
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Capitol Manufacturing Co.
Ideal Forging Corp.
Maass Flange Corp.

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Gerlin, Inc.

Jack J. Sharkey, Executive Vice President, Gerlin, Inc.

Simeon M. Kriesberg)
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United Steelworkers of America, AFL-CIO ("USWA")

Richard Holland, USWA, Local 1124
Rebecca L. Woodings, Trade Consultant, Stewart and Stewart

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Tool Steel Group

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Stuart Cheney, General Counsel, Autocam, Inc.

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BGH Edelstahl
Continental Casing Corp.
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Daryl Booy, Eaton Corp.

Michael D. Esch) – OF COUNSEL

Kaye Scholer LLP
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on behalf of

AvestaPolarit Oy

Richard O. Cunningham **Gregory S. McCue**	) – OF COUNSEL)

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Bebitz USA, Inc.
Flanschenwerk Bebitz GmbH
Friedrich Geldbach GmbH
Metalfar Prodotti Industriali S.p.A.
MGI S.A.
Offincine Ambrogio Melesi & Cie
Ulma forja S.A.
Wilhelm Geldbach GmbH
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Simeon M. Kriesberg **Carol J. Bilzi**	) – OF COUNSEL)

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Washington, DC
on behalf of

Central Wire Industries, Inc.
Greening Donald Co., Ltd.

Christopher Dunn) – OF COUNSEL

Hunton & Williams
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on behalf of

Sandvik Steel Co.

James R. Simoes) – OF COUNSEL

APPENDIX C

SUMMARY TABLES

CARBON AND ALLOY FLAT PRODUCTS

Table FLAT-C-1
Flat products: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

* * * * * * *

Table FLAT-C-2

Slabs: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data 1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Period changes 1996-00	1996-97	1997-98	1998-99	1999-00	January-June 2000-01
U.S. consumption quantity:													
Amount	71,364,795	72,505,328	70,884,893	74,087,288	74,440,322	40,011,914	33,770,660	4.3	1.6	-2.2	4.5	0.5	-15.6
Producers' share (1)	91.2	92.5	92.5	90.1	90.2	89.8	93.0	-0.9	1.4	-0.1	-2.4	0.2	3.2
Importers' share (1):													
Canada	0.3	0.3	0.2	0.3	0.3	0.4	0.1	0.0	0.1	-0.1	0.1	0.0	-0.4
Mexico	1.8	2.0	2.2	2.4	2.2	2.3	2.0	0.4	0.2	0.2	0.2	-0.2	-0.3
All other sources	6.8	5.2	5.1	7.3	7.3	7.5	4.9	0.5	-1.6	-0.1	2.2	-0.0	-2.6
Total imports	8.8	7.5	7.5	9.9	9.8	10.2	7.0	0.9	-1.4	0.1	2.4	-0.2	-3.2
U.S. consumption value:													
Amount	15,988,310	16,563,836	16,153,430	14,812,822	16,346,757	8,851,874	6,866,610	2.2	3.6	-2.5	-8.3	10.4	-22.4
Producers' share (1)	90.0	91.8	92.3	91.2	90.2	89.7	93.8	0.1	1.7	0.6	-1.2	-1.0	4.0
Importers' share (1):													
Canada	0.3	0.4	0.3	0.4	0.3	0.5	0.1	0.0	0.1	-0.1	0.1	-0.0	-0.4
Mexico	2.2	2.2	2.3	2.2	2.3	2.5	1.9	0.2	0.1	0.1	-0.1	0.2	-0.6
All other sources	7.5	5.6	5.1	6.3	7.2	7.3	4.3	-0.3	-1.8	-0.5	1.2	0.9	-3.0
Total imports	10.0	8.2	7.7	8.8	9.8	10.3	6.2	-0.1	-1.7	-0.6	1.2	1.0	-4.0
U.S. imports from:													
Canada:													
Quantity	184,678	228,347	153,175	217,142	221,355	173,201	22,899	19.9	23.6	-32.9	41.8	1.9	-86.9
Value	52,485	63,187	44,214	54,053	53,991	43,195	4,142	2.9	20.4	-30.0	22.3	-0.1	-90.4
Unit value	$284	$277	$289	$249	$244	$249	$182	-14.2	-2.6	4.3	-13.8	-2.0	-26.8
Mexico:													
Quantity	1,258,424	1,429,150	1,560,334	1,747,137	1,635,969	914,199	685,239	30.0	13.6	9.2	12.0	-6.4	-25.0
Value	344,757	366,058	365,627	318,766	381,793	220,611	129,131	10.7	6.2	-0.1	-12.9	19.8	-41.5
Unit value	$274	$256	$234	$182	$233	$241	$188	-14.8	-6.5	-8.5	-22.2	27.9	-21.9
All other sources:													
Quantity	4,854,304	3,758,875	3,638,137	5,403,797	5,402,489	3,008,748	1,666,092	11.3	-22.6	-3.2	48.5	-0.0	-44.6
Value	1,193,786	932,275	826,392	932,668	1,171,646	645,247	294,058	-1.9	-21.9	-11.4	12.9	25.6	-54.4
Unit value	$246	$248	$227	$173	$217	$214	$176	-11.8	0.9	-8.4	-24.0	25.7	-17.7
All sources:													
Quantity	6,297,405	5,416,372	5,351,647	7,368,076	7,259,814	4,096,148	2,374,030	15.3	-14.0	-1.2	37.7	-1.5	-42.0
Value	1,591,026	1,361,520	1,236,432	1,305,487	1,607,430	909,053	427,331	1.0	-14.4	-9.2	5.6	23.1	-53.0
Unit value	$253	$251	$231	$177	$221	$222	$180	-12.4	-0.5	-8.1	-23.3	25.0	-18.9
Inventories/shipments of imports (1)	11.7	16.4	25.8	37.9	63.6	33.7	103.4	51.8	4.6	9.4	12.2	25.6	69.7
U.S. producers':													
Average capacity quantity	66,925,161	69,746,463	73,344,000	74,252,269	75,068,950	37,464,305	36,558,833	12.2	4.2	5.2	1.2	1.1	-2.4
Production quantity	63,457,778	65,986,893	65,754,181	64,455,285	66,813,694	35,398,241	31,017,850	5.3	4.0	-0.4	-2.0	3.7	-12.4
Capacity utilization (1)	94.8	94.6	89.7	86.8	89.0	94.5	84.8	-5.8	-0.2	-5.0	-2.8	2.2	-9.6
U.S. shipments:													
Quantity	65,067,390	67,088,958	65,533,046	66,719,212	67,180,508	35,915,768	31,396,630	3.2	3.1	-2.3	1.8	0.7	-12.6
Value	14,397,282	15,202,316	14,918,998	13,507,335	14,739,327	7,942,821	6,439,279	2.4	5.6	-1.9	-9.5	9.1	-18.9
Unit value	$223	$226	$229	$204	$221	$223	$206	-0.9	2.4	0.4	-10.9	8.2	-7.4
Export shipments:													
Quantity	0	45,130	40,074	21,036	6,870	3,902	27,952	(2)	(2)	-11.2	-47.5	-67.3	616.4
Value	0	13,075	11,071	4,902	1,563	866	4,998	(2)	(2)	-15.3	-55.7	-68.1	477.1
Unit value	(2)	$290	$276	$233	$228	$222	$179	(2)	(2)	-4.6	-15.7	-2.4	-19.4
Ending inventory quantity	2,548,123	2,693,557	3,499,363	2,706,669	2,962,748	2,908,765	2,606,274	16.3	5.7	29.9	-22.7	9.5	-10.4
Inventories/total shipments (1)	3.9	4.0	5.3	4.1	4.4	4.0	4.1	0.5	0.1	1.3	-1.3	0.4	0.1
Production workers	19,413	19,154	18,662	18,231	18,068	18,193	16,798	-6.9	-1.3	-2.6	-2.3	-0.9	-7.7
Hours worked (1,000s)	42,968	41,495	42,213	40,833	40,150	20,683	18,454	-6.6	-3.4	1.7	-3.3	-1.7	-10.8
Wages paid ($1,000s)	1,018,442	1,006,579	1,044,412	1,035,340	1,034,117	536,767	478,712	1.5	-1.2	3.8	-0.9	-0.1	-10.8
Hourly wages	$23.70	$24.26	$24.74	$25.36	$25.76	$25.95	$25.94	8.7	2.3	2.0	2.5	1.6	-0.0
Productivity (tons/1,000 hours)	1165.6	1260.3	1252.7	1254.3	1337.0	1378.1	1350.3	14.7	8.1	-0.6	0.1	6.6	-1.9
Unit labor costs	$20.34	$19.25	$19.75	$20.22	$19.26	$18.88	$19.21	-5.3	-5.4	2.6	2.4	-4.7	1.9
Net commercial sales:													
Quantity	806,096	808,806	497,124	699,158	395,650	243,765	61,248	-50.9	0.3	-38.5	40.6	-43.4	-74.9
Value	200,455	205,423	126,762	148,824	87,358	54,770	11,815	-56.4	2.5	-38.3	17.4	-41.3	-78.4
Unit value	$249	$254	$255	$213	$221	$225	$193	-11.2	2.1	0.4	-16.5	3.7	-14.1
Cost of goods sold (COGS)	198,742	204,270	122,004	173,479	88,535	53,636	12,571	-55.5	2.8	-40.3	42.2	-49.0	-76.6
Gross profit or (loss)	1,713	1,153	4,758	(24,655)	(1,178)	1,134	(756)	(3)	-32.7	312.7	(3)	95.2	(3)
SG&A expenses	9,606	24,208	6,680	10,042	6,024	3,797	739	-37.3	152.0	-72.4	50.3	-40.0	-80.5
Operating income or (loss)	(7,893)	(23,055)	(1,922)	(34,697)	(7,202)	(2,663)	(1,495)	8.8	-192.1	91.7	-1705.3	79.2	43.9
Capital expenditures	95,487	189,774	163,159	75,861	43,727	33,531	21,039	-54.2	98.7	-14.0	-53.5	-42.4	-37.3
Unit COGS	$247	$253	$245	$248	$224	$220	$205	-9.2	2.4	-2.8	1.1	-9.8	-6.7
Unit SG&A expenses	$12	$30	$13	$14	$15	$16	$12	27.8	151.2	-55.1	6.9	6.0	-22.5
Unit operating income or (loss)	($10)	($29)	($4)	($50)	($18)	($11)	($24)	-85.9	-191.1	86.4	-1183.6	63.3	-123.5
COGS/sales (1)	99.1	99.4	96.2	116.6	101.3	97.9	106.4	2.2	0.3	-3.2	20.3	-15.2	8.5
Operating income or (loss)/sales (1)	(3.9)	(11.2)	(1.5)	(23.3)	(8.2)	(4.9)	(12.7)	-4.3	-7.3	9.7	-21.8	15.1	-7.8

(1) "Reported data" are in percent and "period changes" are in percentage points.

(2) Not applicable.

(3) Undefined.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table FLAT-C-3
Plate: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	7,806,549	7,252,651	9,066,682	6,646,007	7,106,836	3,700,259	3,568,119	-9.0	-7.1	25.0	-26.7	6.9	-3.6
Producers' share (1)	75.2	81.0	76.7	86.5	86.6	89.2	89.2	11.4	5.8	-4.3	9.8	0.1	-0.1
Importers' share (1):													
Canada	2.4	2.4	1.9	2.3	2.4	2.1	3.0	-0.0	0.0	-0.5	0.4	0.0	0.9
Mexico	0.0	0.0	0.6	1.1	0.0	0.0	0.0	-0.0	-0.0	0.5	0.6	-1.1	0.0
All other sources	22.4	16.6	20.8	10.0	11.0	8.7	7.9	-11.4	-5.8	4.3	-10.8	1.0	-0.8
Total imports	24.8	19.0	23.3	13.5	13.4	10.8	10.8	-11.4	-5.8	4.3	-9.8	-0.1	0.1
U.S. consumption value:													
Amount	3,604,111	3,385,203	4,242,472	2,654,121	2,847,355	1,486,169	1,363,356	-21.0	-6.6	26.1	-37.4	7.3	-8.3
Producers' share (1)	78.5	82.6	76.8	86.5	86.7	88.8	88.4	8.2	4.2	-5.9	9.7	0.2	-0.4
Importers' share (1):													
Canada	2.3	2.2	1.8	2.3	2.3	2.1	2.9	0.0	-0.1	-0.5	0.5	0.0	0.8
Mexico	0.0	0.0	0.4	0.8	0.0	0.0	0.0	-0.0	-0.0	0.4	0.4	-0.8	0.0
All other sources	19.2	15.1	21.1	10.4	11.0	9.1	8.7	-8.2	-4.1	5.9	-10.7	0.6	-0.4
Total imports	21.5	17.4	23.2	13.5	13.3	11.2	11.6	-8.2	-4.2	5.9	-9.7	-0.2	0.4
U.S. imports from:													
Canada:													
Quantity	185,683	174,895	173,957	154,918	167,712	76,253	106,122	-9.7	-5.8	-0.5	-10.9	8.3	39.2
Value	83,743	75,200	75,611	61,015	66,527	31,072	40,001	-20.6	-10.2	0.5	-19.3	9.0	28.7
Unit value	$451	$430	$435	$394	$397	$407	$377	-12.0	-4.7	1.1	-9.4	0.7	-7.5
Mexico:													
Quantity	727	481	50,418	74,770	211	80	94	-71.0	-33.9	10,385.0	48.3	-99.7	17.1
Value	283	208	17,018	21,805	80	31	47	-71.9	-26.5	8,073.3	28.1	-99.6	50.1
Unit value	$390	$433	$338	$292	$377	$389	$498	-3.3	11.1	-22.0	-13.6	29.3	28.2
All other sources:													
Quantity	1,750,948	1,202,508	1,889,545	665,292	782,844	321,833	280,918	-55.3	-31.3	57.1	-64.8	17.7	-12.7
Value	691,643	508,638	893,250	275,405	311,815	135,141	118,136	-54.9	-26.5	75.6	-69.2	13.2	-12.6
Unit value	$395	$423	$473	$414	$398	$420	$421	0.8	7.1	11.8	-12.4	-3.8	0.1
All sources:													
Quantity	1,937,357	1,377,884	2,113,920	894,981	950,768	398,167	387,134	-50.9	-28.9	53.4	-57.7	6.2	-2.8
Value	775,669	584,047	985,879	358,228	378,421	166,244	158,184	-51.2	-24.7	68.8	-63.7	5.6	-4.8
Unit value	$400	$424	$466	$400	$398	$418	$409	-0.6	5.9	10.0	-14.2	-0.6	-2.1
Inventories/shipments of imports (1)	8.2	9.8	8.1	9.4	3.6	3.2	1.8	-4.7	1.6	-1.6	1.4	-5.9	-1.4
U.S. producers':													
Average capacity quantity	7,391,464	9,179,593	9,973,865	9,237,459	10,551,572	4,833,514	5,116,835	42.8	24.2	8.7	-7.4	14.2	5.9
Production quantity	5,969,876	6,125,330	7,282,378	5,896,338	6,404,594	3,454,711	3,261,472	7.3	2.6	18.9	-19.0	8.6	-5.6
Capacity utilization (1)	80.7	66.7	73.0	63.8	60.7	71.4	63.7	-20.1	-14.1	6.3	-9.2	-3.1	-7.7
U.S. shipments:													
Quantity	5,869,192	5,874,967	6,952,762	5,751,026	6,156,066	3,302,092	3,180,985	4.9	0.1	18.3	-17.3	7.0	-3.7
Value	2,828,442	2,781,156	3,256,593	2,295,895	2,468,934	1,319,925	1,205,172	-12.7	-1.7	17.1	-29.5	7.5	-8.7
Unit value	$482	$473	$468	$399	$401	$400	$379	-16.8	-1.8	-1.1	-14.8	0.5	-5.2
Export shipments:													
Quantity	87,498	183,242	234,794	214,694	249,124	131,619	76,701	184.7	109.4	28.1	-8.6	16.0	-41.7
Value	50,558	90,620	115,591	91,800	99,955	51,096	33,553	97.7	79.2	27.6	-20.6	8.9	-34.3
Unit value	$578	$495	$492	$428	$401	$388	$437	-30.6	-14.4	-0.5	-13.1	-6.2	12.7
Ending inventory quantity	367,671	434,793	529,617	458,934	458,236	479,946	443,022	24.6	18.3	21.8	-13.3	-0.2	-7.7
Inventories/total shipments (1)	6.2	7.2	7.4	7.7	7.2	7.0	6.8	1.0	1.0	0.2	0.3	-0.5	-0.2
Production workers	7,319	7,328	8,947	6,147	6,281	5,331	5,238	-14.2	0.1	22.1	-31.3	2.2	-1.7
Hours worked (1,000s)	16,680	16,589	17,426	13,371	13,707	5,921	5,780	-17.8	-0.5	5.0	-23.3	2.5	-2.4
Wages paid ($1,000s)	362,444	366,183	393,497	306,454	318,335	137,490	133,306	-12.2	1.0	7.5	-22.1	3.9	-3.0
Hourly wages	$22.27	$22.65	$23.09	$23.34	$23.65	$23.72	$23.54	6.2	1.7	2.0	1.1	1.3	-0.8
Productivity (tons/1,000 hours)	357.9	369.2	417.9	440.9	467.2	583.5	564.3	30.5	3.2	13.2	5.5	6.0	-3.3
Unit labor costs	$61.01	$60.19	$54.32	$52.16	$49.89	$39.93	$41.02	-18.2	-1.3	-9.8	-4.0	-4.3	2.7
Net commercial sales:													
Quantity	5,899,854	5,809,622	6,910,673	5,668,800	6,244,074	3,386,665	3,070,638	5.8	-1.5	19.0	-18.0	10.1	-9.3
Value	2,843,056	2,750,570	3,223,058	2,269,313	2,489,671	1,346,006	1,170,991	-12.4	-3.3	17.2	-29.6	9.7	-13.1
Unit value	$482	$473	$466	$400	$399	$398	$381	-17.3	-1.8	-1.5	-14.2	-0.4	-4.2
Cost of goods sold (COGS)	2,589,113	2,523,919	2,903,010	2,295,790	2,500,650	1,304,383	1,231,672	-3.4	-2.5	15.0	-20.9	8.9	-5.6
Gross profit or (loss)	253,943	226,651	320,048	(26,477)	(10,979)	43,623	(60,681)	(2)	-10.7	41.2	(2)	58.5	(2)
SG&A expenses	104,393	110,813	133,707	126,976	129,731	58,095	47,680	24.3	6.1	20.7	-5.0	2.2	-17.9
Operating income or (loss)	149,550	115,838	186,341	(153,453)	(140,710)	(14,472)	(108,361)	(2)	-22.5	60.9	(2)	8.3	-648.8
Capital expenditures	129,374	146,422	172,577	330,258	315,445	27,884	42,582	143.8	13.2	17.9	91.4	-4.5	52.7
Unit COGS	$439	$434	$420	$405	$401	$385	$401	-8.7	-1.0	-3.3	-3.6	-1.1	4.1
Unit SG&A expenses	$18	$19	$19	$22	$21	$17	$16	17.4	7.8	1.4	15.8	-7.2	-9.5
Unit operating income or (loss)	$25	$20	$27	($27)	($23)	($4)	($35)	(2)	-21.3	35.2	(2)	16.8	-725.8
COGS/sales (1)	91.1	91.8	90.1	101.2	100.4	96.8	105.2	9.4	0.7	-1.7	11.1	-0.7	8.4
Operating income or (loss)/sales (1)	5.3	4.2	5.8	(6.8)	(5.7)	(1.1)	(9.3)	-10.9	-1.0	1.6	-12.5	1.1	-8.2

(1) "Reported data" are in percent and "period changes" are in percentage points.
(2) Undefined.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown.
Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table FLAT-C-4
Hot-rolled: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	68,500,901	71,294,237	74,887,545	73,368,419	75,092,608	40,914,182	33,915,818	9.6	4.1	5.0	-2.0	2.4	-17.1
Producers' share (1)	92.3	90.9	84.6	91.1	90.1	89.2	94.8	-2.2	-1.5	-6.2	6.5	-1.0	5.6
Importers' share (1):													
Canada	1.1	0.8	0.7	0.8	0.6	0.6	0.7	-0.5	-0.3	-0.1	0.1	-0.2	0.1
Mexico	0.3	0.4	0.3	0.4	0.4	0.5	0.5	0.1	0.0	-0.1	0.1	0.0	-0.1
All other sources	6.3	8.0	14.3	7.6	8.9	9.7	4.0	2.6	1.7	6.3	-6.7	1.2	-5.7
Total imports	7.7	9.1	15.4	8.9	9.9	10.8	5.2	2.2	1.5	6.2	-6.5	1.0	-5.6
U.S. consumption value:													
Amount	22,549,923	23,794,048	23,562,798	20,823,773	22,370,503	12,921,679	8,623,031	-0.8	5.5	-1.0	-11.6	7.4	-33.3
Producers' share (1)	92.3	91.1	85.9	91.6	89.9	89.7	94.4	-2.4	-1.2	-5.2	5.6	-1.7	4.6
Importers' share (1):													
Canada	1.2	0.9	0.9	1.0	0.7	0.6	0.9	-0.5	-0.3	-0.1	0.1	-0.2	0.2
Mexico	0.3	0.4	0.3	0.4	0.5	0.6	0.4	0.2	0.1	-0.1	0.1	0.1	-0.1
All other sources	6.2	7.6	12.9	7.1	8.9	9.0	4.3	2.7	1.4	5.3	-5.8	1.8	-4.7
Total imports	7.7	8.9	14.1	8.4	10.1	10.3	5.6	2.4	1.2	5.2	-5.6	1.7	-4.6
U.S. imports from:													
Canada:													
Quantity	742,053	573,574	554,435	610,362	459,954	227,729	238,127	-38.0	-22.7	-3.3	10.1	-24.6	4.6
Value	269,464	219,517	205,018	202,128	163,838	82,849	75,655	-39.2	-18.5	-6.6	-1.4	-18.9	-8.7
Unit value	$363	$383	$370	$331	$356	$364	$318	-1.9	5.4	-3.4	-10.4	7.6	-12.7
Mexico:													
Quantity	232,004	269,782	234,887	297,824	335,401	224,549	158,985	44.6	16.3	-12.9	26.8	12.6	-29.2
Value	73,133	89,324	73,706	78,271	110,621	74,883	37,136	51.3	22.1	-17.5	6.2	41.3	-50.4
Unit value	$315	$331	$314	$263	$330	$333	$234	4.6	5.0	-5.2	-16.2	25.5	-30.0
All other sources:													
Quantity	4,291,030	5,673,944	10,708,033	5,610,258	6,664,289	3,977,260	1,362,547	55.3	32.2	88.7	-47.6	18.8	-65.7
Value	1,399,259	1,807,494	3,036,929	1,473,844	1,989,057	1,168,108	373,149	42.2	29.2	68.0	-51.5	35.0	-68.1
Unit value	$326	$319	$284	$263	$298	$294	$274	-8.5	-2.3	-11.0	-7.4	13.8	-6.8
All sources:													
Quantity	5,265,087	6,517,301	11,497,355	6,518,444	7,459,644	4,429,538	1,759,659	41.7	23.8	76.4	-43.3	14.4	-60.3
Value	1,741,856	2,116,335	3,315,652	1,754,243	2,263,517	1,325,840	485,939	29.9	21.5	56.7	-47.1	29.0	-63.3
Unit value	$331	$325	$288	$269	$303	$299	$276	-8.3	-1.8	-11.2	-6.7	12.8	-7.7
Inventories/shipments of imports (1)	1.8	3.2	5.1	2.2	3.1	2.4	1.9	1.3	1.4	1.9	-2.9	0.8	-0.5
U.S. producers':													
Average capacity quantity	69,192,943	71,743,384	76,062,922	78,392,464	78,952,677	39,688,070	40,073,901	14.1	3.7	6.0	3.1	0.7	1.0
Production quantity	63,476,549	65,111,144	63,644,097	67,034,929	68,231,538	36,534,368	33,217,812	7.5	2.6	-2.3	5.3	1.8	-9.1
Capacity utilization (1)	91.7	90.8	83.7	85.5	86.4	92.1	82.9	-5.3	-1.0	-7.1	1.8	0.9	-9.2
U.S. shipments:													
Quantity	63,235,814	64,776,936	63,390,190	66,849,975	67,632,964	36,484,644	32,156,157	7.0	2.4	-2.1	5.5	1.2	-11.9
Value	20,806,067	21,677,713	20,247,146	19,069,530	20,106,986	11,595,839	8,137,092	-3.4	4.2	-6.6	-5.8	5.4	-29.8
Unit value	$329	$335	$319	$285	$297	$318	$253	-9.7	1.7	-4.6	-10.7	4.2	-20.4
Export shipments:													
Quantity	328,341	311,009	183,065	356,602	616,677	319,910	180,554	87.8	-5.3	-41.1	94.8	72.9	-43.6
Value	107,707	115,558	68,827	119,516	204,802	112,850	54,507	90.1	7.3	-40.4	73.6	71.4	-51.7
Unit value	$328	$372	$376	$335	$332	$353	$302	1.2	13.3	1.2	-10.9	-0.9	-14.4
Ending inventory quantity	2,517,133	2,522,369	2,553,802	2,517,247	2,532,184	2,600,295	2,460,684	0.6	0.2	1.2	-1.4	0.6	-5.4
Inventories/total shipments (1)	4.0	3.9	4.0	3.7	3.7	3.5	3.8	-0.2	-0.1	0.1	-0.3	-0.0	0.3
Production workers	30,796	30,747	29,251	29,472	29,409	29,824	27,844	-4.5	-0.2	-4.9	0.8	-0.2	-6.6
Hours worked (1,000s)	68,563	68,155	66,672	66,900	66,260	34,185	30,696	-3.4	-0.6	-2.2	0.3	-1.0	-10.2
Wages paid ($1,000s)	1,642,086	1,668,773	1,654,873	1,700,695	1,715,903	890,471	795,434	4.5	1.6	-0.8	2.8	0.9	-10.7
Hourly wages	$23.95	$24.48	$24.82	$25.42	$25.90	$26.05	$25.91	8.1	2.2	1.4	2.4	1.9	-0.5
Productivity (tons/1,000 hours)	924.6	954.2	953.4	1001.1	1029.0	1067.9	1081.3	11.3	3.2	-0.1	5.0	2.8	1.3
Unit labor costs	$25.90	$25.66	$26.03	$25.39	$25.17	$24.39	$23.96	-2.8	-0.9	1.5	-2.5	-0.9	-1.8
Net commercial sales:													
Quantity	21,754,158	23,166,051	21,509,284	22,496,434	23,812,058	12,768,256	12,036,560	9.5	6.5	-7.2	4.6	5.8	-5.9
Value	7,561,331	8,232,275	7,172,196	6,664,122	7,354,831	4,203,972	3,090,655	-2.7	8.9	-12.9	-7.1	10.4	-26.5
Unit value	$348	$355	$333	$296	$309	$329	$257	-11.1	2.2	-6.2	-11.2	4.3	-21.9
Cost of goods sold (COGS)	7,218,289	7,528,389	6,780,007	6,624,103	7,184,069	3,820,708	3,526,026	-0.5	4.3	-9.9	-2.3	8.5	-7.7
Gross profit or (loss)	343,042	703,886	392,189	40,019	170,762	383,264	(435,371)	-50.2	105.2	-44.3	-89.8	326.7	(2)
SG&A expenses	381,914	363,663	376,852	396,376	392,322	200,970	178,278	2.7	-4.8	3.6	5.2	-1.0	-11.3
Operating income or (loss)	(38,872)	340,223	15,337	(356,357)	(221,560)	182,294	(613,649)	-470.0	(2)	-95.5	(2)	37.8	(2)
Capital expenditures	1,065,619	543,121	473,366	396,272	491,947	171,262	114,943	-53.8	-49.0	-12.8	-16.3	24.1	-32.9
Unit COGS	$332	$325	$315	$294	$302	$299	$293	-9.1	-2.1	-3.0	-6.6	2.5	-1.9
Unit SG&A expenses	$18	$16	$18	$18	$16	$16	$15	-8.2	-10.6	11.6	0.8	-6.5	-5.8
Unit operating income or (loss)	($2)	$15	$1	($16)	($9)	$14	($51)	-420.7	(2)	-95.1	(2)	41.3	(2)
COGS/sales (1)	95.5	91.4	94.5	99.4	97.7	90.9	114.1	2.2	-4.0	3.1	4.9	-1.7	23.2
Operating income or (loss)/sales (1)	(0.5)	4.1	0.2	(5.3)	(3.0)	4.3	(19.9)	-2.5	4.6	-3.9	-5.8	2.3	-24.2

(1) "Reported data" are in percent and "period changes" are in percentage points.
(2) Undefined.

Note.–Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table FLAT-C-5
Cold-rolled: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	36,396,872	37,110,315	38,975,926	40,569,049	39,981,427	20,955,706	18,377,419	9.8	2.0	5.0	4.1	-1.4	-12.3
Producers' share (1)	92.9	90.3	89.6	91.7	93.1	93.9	92.2	0.2	-2.5	-0.7	2.1	1.4	-1.6
Importers' share (1):													
Canada	0.6	0.6	0.6	0.5	0.5	0.5	0.6	-0.1	-0.0	-0.0	-0.0	0.0	0.1
Mexico	0.3	0.4	0.3	0.4	0.5	0.6	0.6	0.2	0.1	-0.1	0.0	0.2	-0.0
All other sources	6.2	8.6	9.5	7.4	5.8	5.1	6.6	-0.3	2.5	0.9	-2.1	-1.6	1.6
Total imports	7.1	9.7	10.4	8.3	6.9	6.1	7.8	-0.2	2.5	0.7	-2.1	-1.4	1.6
U.S. consumption value:													
Amount	16,765,766	17,190,591	17,323,530	16,773,651	16,827,599	8,939,528	7,031,692	0.4	2.5	0.8	-3.2	0.3	-21.3
Producers' share (1)	92.2	89.9	89.6	91.9	92.4	93.4	91.9	0.2	-2.3	-0.3	2.3	0.5	-1.5
Importers' share (1):													
Canada	0.7	0.7	0.6	0.6	0.6	0.5	0.6	-0.1	0.0	-0.1	-0.0	-0.0	0.1
Mexico	0.3	0.4	0.3	0.3	0.4	0.5	0.4	0.2	0.1	-0.1	0.0	0.2	-0.1
All other sources	6.8	9.0	9.5	7.2	6.6	5.8	7.0	-0.2	2.2	0.5	-2.3	-0.6	1.5
Total imports	7.8	10.1	10.4	8.1	7.6	6.6	8.1	-0.2	2.3	0.3	-2.3	-0.5	1.5
U.S. imports from:													
Canada:													
Quantity	231,488	229,095	222,958	215,888	219,104	96,824	107,665	-5.3	-1.0	-2.7	-3.2	1.5	11.2
Value	115,342	118,309	109,319	104,332	103,233	48,893	43,464	-10.5	2.6	-7.6	-4.6	-1.1	-11.1
Unit value	$498	$516	$490	$483	$471	$505	$404	-5.4	3.6	-5.1	-1.4	-2.5	-20.1
Mexico:													
Quantity	120,917	160,133	123,511	148,086	206,291	126,258	104,745	70.6	32.4	-22.9	19.9	39.3	-17.0
Value	48,550	65,488	46,821	46,788	74,674	45,363	30,426	53.8	34.9	-28.5	-0.1	59.6	-32.9
Unit value	$402	$409	$379	$316	$362	$359	$290	-9.8	1.9	-7.3	-16.7	14.6	-19.2
All other sources:													
Quantity	2,238,969	3,192,071	3,698,876	3,012,422	2,338,379	1,058,950	1,213,645	4.4	42.6	15.9	-18.6	-22.4	14.6
Value	1,143,747	1,553,467	1,650,129	1,207,755	1,109,140	499,451	495,236	-3.0	35.8	6.2	-26.8	-8.2	-0.8
Unit value	$511	$487	$446	$401	$474	$472	$408	-7.1	-4.7	-8.3	-10.1	18.3	-13.5
All sources:													
Quantity	2,591,374	3,581,299	4,045,356	3,376,396	2,763,774	1,282,032	1,426,055	6.7	38.2	13.0	-16.5	-18.1	11.2
Value	1,307,639	1,737,262	1,806,269	1,358,875	1,287,047	593,707	569,126	-1.6	32.9	4.0	-24.8	-5.3	-4.1
Unit value	$505	$485	$447	$402	$466	$463	$399	-7.7	-3.9	-8.0	-9.9	15.7	-13.8
Inventories/shipments of imports (1)	3.3	3.6	3.4	3.2	4.7	3.1	5.5	1.4	0.3	-0.2	-0.2	1.5	2.4
U.S. producers':													
Average capacity quantity	39,051,793	40,018,633	41,985,643	42,454,033	44,678,133	22,258,117	21,298,892	14.4	2.5	4.9	1.1	5.2	-4.3
Production quantity	34,378,774	33,953,172	35,423,140	37,590,345	37,628,027	19,937,466	16,942,813	9.4	-1.2	4.3	6.1	0.1	-15.0
Capacity utilization (1)	87.5	84.3	83.9	88.1	83.9	89.1	79.3	-3.6	-3.2	-0.4	4.3	-4.3	-9.8
U.S. shipments:													
Quantity	33,805,498	33,529,016	34,930,570	37,192,653	37,217,653	19,673,674	16,951,364	10.1	-0.8	4.2	6.5	0.1	-13.8
Value	15,458,127	15,453,329	15,517,261	15,414,776	15,540,552	8,345,821	6,462,566	0.5	-0.0	0.4	-0.7	0.8	-22.6
Unit value	$457	$461	$444	$414	$418	$424	$381	-8.7	0.8	-3.6	-6.7	0.7	-10.1
Export shipments:													
Quanity	253,073	252,177	228,313	268,642	364,657	169,259	177,860	44.1	-0.4	-9.5	17.7	35.7	5.1
Value	133,026	137,903	125,719	149,198	201,285	94,778	92,323	51.3	3.7	-8.8	18.7	34.9	-2.6
Unit value	$526	$547	$551	$555	$552	$560	$519	5.0	4.0	0.7	0.9	-0.6	-7.3
Ending inventory quantity	2,045,481	2,055,055	2,112,194	2,143,904	2,058,791	2,141,284	1,824,731	0.6	0.5	2.8	1.5	-4.1	-14.8
Inventories/total shipments (1)	6.0	6.1	6.0	5.7	5.5	5.4	5.3	-0.5	0.1	-0.1	-0.3	-0.3	-0.1
Production workers	26,273	26,138	25,938	25,352	26,507	26,344	24,078	0.9	-0.5	-0.8	-2.3	4.6	-8.6
Hours worked (1,000s)	58,217	58,895	57,765	57,432	59,255	30,836	26,448	1.8	1.2	-1.9	-0.6	3.2	-14.2
Wages paid ($1,000s)	1,474,931	1,516,173	1,526,358	1,543,465	1,613,034	827,860	721,989	9.4	2.9	0.5	1.1	4.5	-12.8
Hourly wages	$25.34	$25.76	$26.42	$26.87	$27.22	$26.85	$27.30	7.4	1.7	2.5	1.7	1.3	1.7
Productivity (tons/1,000 hours)	586.9	572.5	609.5	651.6	632.3	643.3	638.8	7.7	-2.5	6.5	6.9	-3.0	-0.7
Unit labor costs	$43.17	$45.03	$43.36	$41.24	$43.05	$41.73	$42.73	-0.3	4.3	-3.7	-4.9	4.4	2.4
Net commercial sales:													
Quantity	14,164,235	14,252,411	14,345,958	14,918,406	15,599,928	8,399,595	6,775,084	10.1	0.6	0.7	4.0	4.6	-19.3
Value	6,968,524	7,086,020	6,790,559	6,595,221	6,980,602	3,809,578	2,778,917	0.2	1.7	-4.2	-2.9	5.8	-27.1
Unit value	$492	$497	$473	$442	$447	$454	$410	-9.0	1.1	-4.8	-6.6	1.2	-9.6
Cost of goods sold (COGS)	6,387,426	6,441,648	6,338,018	6,466,177	6,789,266	3,567,910	3,012,569	6.3	0.8	-1.6	2.0	5.0	-15.6
Gross profit or (loss)	581,098	644,372	452,541	129,044	191,336	241,668	(233,652)	-67.1	10.9	-29.8	-71.5	48.3	(2)
SG&A expenses	265,104	267,076	283,331	295,684	307,313	154,439	134,646	15.9	0.7	6.1	4.4	3.9	-12.8
Operating income or (loss)	315,994	377,296	169,210	(166,640)	(115,977)	87,229	(368,298)	(2)	19.4	-55.2	(2)	30.4	(2)
Capital expenditures	526,745	524,339	467,218	400,711	315,710	111,059	108,290	-40.1	-0.5	-10.9	-14.2	-21.2	-2.5
Unit COGS	$451	$452	$442	$433	$435	$425	$445	-3.5	0.2	-2.3	-1.9	0.4	4.7
Unit SG&A expenses	$19	$19	$20	$20	$20	$18	$20	5.3	0.1	5.4	0.4	-0.6	8.1
Unit operating income or (loss)	$22	$26	$12	($11)	($7)	$10	($54)	(2)	18.7	-55.4	(2)	33.4	(2)
COGS/sales (1)	91.7	90.9	93.3	98.0	97.3	93.7	108.4	5.6	-0.8	2.4	4.7	-0.8	14.8
Operating income or (loss)/sales (1)	4.5	5.3	2.5	(2.5)	(1.7)	2.3	(13.3)	-6.2	0.8	-2.8	-5.0	0.9	-15.5

(1) "Reported data" are in percent and "period changes" are in percentage points.
(2) Undefined.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table FLAT-C-6
GOES: Summary data concerning the U.S. market, 1998-2000, January-June 2000, and January-June 2001

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Table FLAT-C-7
Coated: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	19,111,308	19,558,447	20,632,283	22,759,012	22,340,758	11,899,485	10,352,203	16.9	2.3	5.5	10.3	-1.8	-13.0
Producers' share (1)	88.1	87.8	88.9	88.3	89.0	89.3	90.5	0.9	-0.2	1.0	-0.8	0.7	1.2
Importers' share (1):													
Canada	3.3	3.1	2.9	2.4	2.6	2.7	2.5	-0.7	-0.1	-0.2	-0.5	0.2	-0.1
Mexico	1.7	2.2	2.0	1.9	1.3	1.4	1.0	-0.4	0.5	-0.2	-0.0	-0.6	-0.4
All other sources	6.9	6.8	6.3	7.3	7.1	6.7	6.0	0.2	-0.1	-0.6	1.1	-0.2	-0.7
Total imports	11.9	12.2	11.1	11.7	11.0	10.7	9.5	-0.9	0.2	-1.0	0.6	-0.7	-1.2
U.S. consumption value:													
Amount	11,735,386	12,104,245	12,235,572	12,405,241	11,968,209	6,468,061	5,173,746	2.0	3.1	1.1	1.4	-3.5	-20.0
Producers' share (1)	88.2	88.0	88.8	88.5	88.5	89.0	90.1	0.3	-0.2	0.8	-0.3	0.0	1.1
Importers' share (1):													
Canada	3.2	2.9	2.7	2.4	2.7	2.8	2.7	-0.5	-0.3	-0.2	-0.3	0.3	-0.1
Mexico	1.7	2.1	2.0	1.9	1.4	1.5	1.1	-0.3	0.4	-0.2	-0.1	-0.5	-0.4
All other sources	6.9	6.9	6.5	7.2	7.3	6.7	6.1	0.4	0.0	-0.4	0.7	0.1	-0.6
Total imports	11.8	12.0	11.2	11.5	11.5	11.0	9.9	-0.3	0.2	-0.8	0.3	-0.0	-1.1
U.S. imports from:													
Canada:													
Quantity	624,363	613,019	601,487	552,281	583,794	319,073	262,584	-6.5	-1.8	-1.9	-8.2	5.7	-17.7
Value	371,722	351,430	327,068	297,499	324,057	179,132	139,382	-12.8	-5.5	-6.9	-9.0	8.9	-22.2
Unit value	$595	$573	$544	$539	$555	$561	$531	-6.8	-3.7	-5.1	-0.9	3.0	-5.5
Mexico:													
Quantity	331,366	430,566	402,749	439,563	288,642	165,140	103,108	-12.9	29.9	-6.5	9.1	-34.3	-37.6
Value	204,558	257,431	241,807	238,390	170,047	97,877	55,900	-16.9	25.8	-6.1	-1.4	-28.7	-42.9
Unit value	$617	$598	$600	$542	$589	$593	$542	-4.6	-3.2	0.4	-9.7	8.6	-8.5
All other sources:													
Quantity	1,324,578	1,337,437	1,291,992	1,666,725	1,586,893	792,463	617,022	19.8	1.0	-3.4	29.0	-4.8	-22.1
Value	810,598	840,282	800,355	893,058	878,661	432,507	315,217	8.4	3.7	-4.8	11.6	-1.6	-27.1
Unit value	$612	$628	$619	$536	$554	$546	$511	-9.5	2.7	-1.4	-13.5	3.3	-6.4
All sources:													
Quantity	2,280,307	2,381,043	2,296,228	2,658,569	2,459,329	1,276,676	982,714	7.9	4.4	-3.6	15.8	-7.5	-23.0
Value	1,386,878	1,449,143	1,369,230	1,428,948	1,372,765	709,515	510,498	-1.0	4.5	-5.5	4.4	-3.9	-28.0
Unit value	$608	$609	$596	$537	$558	$556	$519	-8.2	0.1	-2.0	-9.9	3.9	-6.5
Inventories/shipments of imports (1)	9.7	10.9	15.5	14.6	20.5	12.1	14.5	10.8	1.2	4.6	-0.9	5.8	2.3
U.S. producers':													
Average capacity quantity	19,754,450	20,060,600	22,982,880	25,387,580	25,303,690	12,579,900	12,803,470	28.1	1.5	14.6	10.5	-0.3	1.8
Production quantity	17,131,014	17,595,498	19,077,330	20,858,349	20,789,317	10,885,261	9,449,439	21.4	2.7	8.4	9.3	-0.3	-13.2
Capacity utilization (1)	86.7	87.7	83.0	82.2	82.2	86.5	73.8	-4.6	1.0	-4.7	-0.8	-0.0	-12.7
U.S. shipments:													
Quantity	16,831,001	17,177,404	18,338,065	20,100,443	19,881,429	10,622,609	9,369,489	18.1	2.1	6.7	9.6	-1.1	-11.8
Value	10,348,486	10,655,102	10,866,342	10,976,293	10,595,444	5,758,546	4,663,246	2.4	3.0	2.0	1.0	-3.5	-19.0
Unit value	$615	$620	$596	$556	$544	$552	$509	-11.5	0.9	-3.9	-6.8	-2.1	-7.8
Export shipments:													
Quantity	169,619	279,436	344,636	407,009	669,361	301,960	347,599	294.6	64.7	23.4	18.0	64.5	15.1
Value	117,748	193,011	226,749	264,648	428,999	193,605	225,138	264.3	63.9	17.5	16.7	62.1	16.3
Unit value	$694	$691	$658	$650	$641	$641	$648	-7.7	-0.5	-4.8	-1.1	-1.4	1.0
Ending inventory quantity	1,614,725	1,623,899	1,853,312	2,014,775	2,090,197	1,907,407	1,766,419	29.4	0.6	14.1	8.7	3.7	-7.4
Inventories/total shipments (1)	9.5	9.3	9.9	9.8	10.2	8.7	9.1	0.7	-0.2	0.6	-0.1	0.3	0.4
Production workers	23,679	23,715	24,619	23,657	22,449	23,069	21,490	-5.2	0.1	3.8	-3.9	-5.1	-6.9
Hours worked (1,000s)	47,734	48,807	50,628	49,536	46,671	24,197	22,296	-2.2	2.2	3.7	-2.2	-5.8	-7.9
Wages paid ($1,000s)	1,223,322	1,281,174	1,347,842	1,335,255	1,266,115	660,659	596,960	3.5	4.7	5.2	-0.9	-5.2	-9.6
Hourly wages	$25.63	$26.25	$26.62	$26.96	$27.13	$27.31	$26.73	5.9	2.4	1.4	1.2	0.6	-2.1
Productivity (tons/1,000 hours)	358.9	360.5	376.8	421.1	445.4	449.9	423.8	24.1	0.5	4.5	11.7	5.8	-5.8
Unit labor costs	$71.41	$72.81	$70.65	$64.02	$60.90	$60.71	$63.07	-14.7	2.0	-3.0	-9.4	-4.9	3.9
Net commercial sales:													
Quantity	16,200,531	17,018,839	18,076,275	19,687,289	19,176,181	10,401,748	9,173,272	18.4	5.1	6.2	8.9	-2.6	-11.8
Value	10,030,231	10,621,523	10,725,961	10,882,245	10,436,971	5,699,917	4,646,867	4.1	5.9	1.0	1.4	-4.1	-18.5
Unit value	$619	$624	$593	$553	$544	$548	$507	-12.1	0.8	-4.9	-6.8	-1.5	-7.6
Cost of goods sold (COGS)	8,872,919	9,237,983	9,522,250	9,894,677	9,865,361	5,190,722	4,685,848	11.2	4.1	3.1	3.9	-0.3	-9.7
Gross profit or (loss)	1,157,312	1,383,540	1,204,711	987,568	571,610	509,195	(38,991)	-50.6	19.5	-12.9	-18.0	-42.1	(2)
SG&A expenses	400,731	423,703	455,926	458,159	455,864	223,378	216,070	13.8	5.7	7.6	0.5	-0.5	-3.3
Operating income or (loss)	756,581	959,837	748,785	529,409	115,746	285,817	(255,061)	-84.7	26.9	-22.0	-29.3	-78.1	(2)
Capital expenditures	520,690	1,082,293	1,050,956	637,806	353,510	134,486	74,299	-32.1	107.9	-2.9	-39.3	-44.6	-44.8
Unit COGS	$548	$543	$527	$503	$514	$499	$511	-6.1	-0.9	-3.0	-4.6	2.4	2.4
Unit SG&A expenses	$25	$25	$25	$23	$24	$21	$24	-3.9	0.6	1.3	-7.7	2.2	9.7
Unit operating income or (loss)	$47	$56	$41	$27	$6	$27	($28)	-87.1	20.8	-26.6	-35.1	-77.6	(2)
COGS/sales (1)	88.5	87.0	88.8	90.9	94.5	91.1	100.8	6.1	-1.5	1.8	2.2	3.6	9.8
Operating income or (loss)/sales (1)	7.5	9.0	7.0	4.9	1.1	5.0	(5.5)	-6.4	1.5	-2.1	-2.1	-3.8	-10.5

(1) "Reported data" are in percent and "period changes" are in percentage points.
(2) Undefined.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table FLAT-C-6

Tin: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	3,937,990	3,997,004	3,768,169	3,937,896	3,743,527	1,892,741	1,699,373	-4.9	1.5	-5.7	4.5	-4.9	-10.2
Producers' share (1)	88.7	89.0	87.2	82.3	84.5	84.4	84.5	-4.2	0.3	-1.8	-5.0	2.2	0.2
Importers' share (1):													
Canada	1.2	2.0	2.2	2.5	2.4	2.4	3.4	1.3	0.8	0.3	0.2	-0.0	0.9
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.0	-0.0	0.0	-0.0	-0.0	0.0
All other sources	10.1	9.0	10.5	15.3	13.1	13.2	12.1	2.9	-1.1	1.5	4.7	-2.2	-1.1
Total imports	11.3	11.0	12.8	17.7	15.5	15.6	15.5	4.2	-0.3	1.8	5.0	-2.2	-0.2
U.S. consumption value:													
Amount	2,450,886	2,486,837	2,333,126	2,323,869	2,207,398	1,114,389	1,010,028	-9.9	1.5	-6.2	-0.4	-5.0	-9.4
Producers' share (1)	87.9	88.4	86.2	82.1	84.5	84.5	83.9	-3.4	0.5	-2.2	-4.1	2.5	-0.6
Importers' share (1):													
Canada	1.2	2.0	2.3	2.6	2.7	2.7	3.8	1.4	0.8	0.3	0.2	0.1	1.2
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.0	-0.0	0.0	-0.0	-0.0	0.0
All other sources	10.8	9.6	11.5	15.4	12.8	12.8	12.3	2.0	-1.3	1.9	3.9	-2.5	-0.5
Total imports	12.1	11.6	13.8	17.9	15.5	15.5	16.1	3.4	-0.5	2.2	4.1	-2.5	0.6
U.S. imports from:													
Canada:													
Quantity	45,332	78,542	84,608	97,282	91,570	45,902	57,082	102.0	73.3	7.7	15.0	-5.9	24.4
Value	30,240	49,945	54,215	59,716	58,932	29,995	38,841	94.9	65.2	8.5	10.1	-1.3	29.5
Unit value	$667	$636	$641	$614	$644	$653	$680	-3.5	-4.7	0.8	-4.2	4.8	4.1
Mexico:													
Quantity	57	21	286	156	39	0	0	-31.7	-63.8	1,277.0	-45.3	-74.9	(2)
Value	39	23	225	89	34	0	0	-14.4	-42.8	898.4	-60.6	-62.0	(2)
Unit value	$689	$1,088	$789	$569	$863	(2)	(2)	25.3	58.0	-27.5	-27.9	51.7	(2)
All other sources:													
Quantity	399,295	359,558	396,717	601,105	488,587	250,068	206,009	22.4	-10.0	10.3	51.5	-18.7	-17.6
Value	265,907	238,075	267,593	356,774	282,624	142,378	123,730	6.3	-10.5	12.4	33.3	-20.8	-13.1
Unit value	$666	$662	$675	$594	$578	$569	$601	-13.1	-0.6	1.9	-12.0	-2.5	5.5
All sources:													
Quantity	444,684	438,121	481,611	698,543	580,196	295,971	263,091	30.5	-1.5	9.9	45.0	-16.9	-11.1
Value	296,186	288,043	322,033	416,579	341,589	172,373	162,571	15.3	-2.7	11.8	29.4	-18.0	-5.7
Unit value	$666	$657	$669	$596	$589	$582	$618	-11.6	-1.3	1.7	-10.8	-1.3	6.1
Inventories/shipments of imports (1)	5.7	5.3	4.0	1.7	2.2	1.6	6.5	-3.5	-0.4	-1.3	-2.3	0.5	4.9
U.S. producers':													
Average capacity quantity	4,740,145	4,855,145	4,869,145	4,773,145	4,566,145	2,282,023	2,069,623	-3.7	2.4	0.3	-2.0	-4.3	-9.3
Production quantity	3,712,688	3,770,043	3,473,771	3,474,863	3,329,528	1,733,488	1,489,652	-10.3	1.5	-7.9	0.0	-4.2	-14.1
Capacity utilization (1)	78.3	77.7	71.3	72.8	72.9	76.0	71.7	-5.4	-0.7	-6.3	1.5	0.1	-4.2
U.S. shipments:													
Quantity	3,493,306	3,558,883	3,288,558	3,239,353	3,163,331	1,596,770	1,436,282	-9.4	1.9	-7.7	-1.4	-2.3	-10.1
Value	2,154,880	2,198,794	2,011,093	1,907,290	1,865,809	942,016	847,457	-13.4	2.0	-8.5	-5.2	-2.2	-10.0
Unit value	$617	$618	$612	$589	$590	$590	$590	-4.4	0.2	-1.0	-3.8	0.2	0.0
Export shipments:													
Quantity	195,971	185,900	194,160	244,030	194,443	116,070	57,546	-0.8	-5.1	4.4	25.7	-20.3	-50.4
Value	117,093	111,802	109,302	129,834	108,246	66,386	32,642	-7.6	-4.5	-2.2	18.8	-16.6	-50.8
Unit value	$598	$601	$563	$532	$557	$572	$567	-6.8	0.7	-6.4	-5.5	4.6	-0.8
Ending inventory quantity	358,864	374,810	367,863	359,343	331,097	379,991	345,262	-7.2	5.0	-1.9	-2.3	-7.9	-9.1
Inventories/total shipments (1)	9.7	10.0	10.6	10.3	9.9	11.1	11.6	0.2	0.3	0.6	-0.3	-0.5	0.5
Production workers	7,536	7,074	6,322	6,075	5,733	5,884	5,584	-23.9	-6.1	-10.6	-3.9	-5.6	-5.1
Hours worked (1,000s)	16,191	15,594	13,831	13,534	15,362	6,548	5,792	-5.0	-3.7	-11.3	-2.1	13.7	-11.5
Wages paid ($1,000s)	395,784	390,559	352,597	359,628	330,225	170,969	149,574	-16.6	-1.3	-9.7	2.0	-8.2	-12.5
Hourly wages	$24.44	$25.05	$25.49	$26.57	$21.47	$26.11	$25.82	-12.2	2.5	1.8	4.2	-19.2	-1.1
Productivity (tons/1,000 hours)	229.3	241.8	251.2	256.8	216.5	264.7	257.2	-5.6	5.4	3.9	2.2	-15.7	-2.8
Unit labor costs	$106.60	$103.60	$101.50	$103.49	$99.18	$98.63	$100.40	-7.0	-2.8	-2.0	2.0	-4.2	1.8
Net commercial sales:													
Quantity	3,689,224	3,755,802	3,478,344	3,480,816	3,356,522	1,709,119	1,493,279	-9.0	1.8	-7.4	0.1	-3.6	-12.6
Value	2,271,710	2,315,744	2,120,415	2,033,465	1,974,097	1,008,414	880,076	-13.1	1.9	-8.4	-4.1	-2.9	-12.7
Unit value	$616	$617	$610	$584	$588	$590	$589	-4.5	0.1	-1.1	-4.2	0.7	-0.1
Cost of goods sold (COGS)	2,257,584	2,239,984	2,088,582	2,068,047	1,993,737	987,922	903,146	-11.7	-0.8	-6.8	-1.0	-3.6	-8.6
Gross profit or (loss)	14,126	75,760	31,833	(34,582)	(19,640)	20,492	(23,068)	(3)	436.3	-58.0	(3)	43.2	(3)
SG&A expenses	102,764	106,189	109,830	106,095	99,801	45,451	41,750	-2.9	3.3	3.4	-3.4	-5.9	-8.1
Operating income or (loss)	(88,638)	(30,429)	(77,997)	(140,677)	(119,441)	(24,959)	(64,818)	-34.8	65.7	-156.3	-80.4	15.1	-159.7
Capital expenditures	107,548	83,987	119,624	145,872	97,401	28,856	15,360	-9.4	-21.9	42.4	21.9	-33.2	-46.8
Unit COGS	$612	$596	$600	$594	$594	$578	$605	-2.9	-2.5	0.7	-1.1	-0.0	4.6
Unit SG&A expenses	$28	$28	$32	$30	$30	$27	$28	6.7	1.5	11.7	-3.5	-2.4	5.1
Unit operating income or (loss)	($24)	($8)	($22)	($40)	($36)	($15)	($43)	-48.1	66.3	-176.8	-80.2	12.0	-197.2
COGS/sales (1)	99.4	96.7	98.5	101.7	101.0	98.0	102.6	1.6	-2.6	1.8	3.2	-0.7	4.7
Operating income or (loss)/sales (1)	(3.9)	(1.3)	(3.7)	(6.9)	(6.1)	(2.5)	(7.4)	-2.1	2.6	-2.4	-3.2	0.9	-4.9

(1) "Reported data" are in percent and "period changes" are in percentage points.

(2) Not applicable.

(3) Undefined.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

CARBON AND ALLOY LONG PRODUCTS

Table LONG-C-1
Long products: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

	Reported data							Period changes					
						January-June							January-June
Item	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	53,446,317	58,844,807	62,801,281	60,481,926	64,421,229	33,834,300	29,052,436	20.5	10.1	6.7	-3.7	6.5	-14.1
Producers' share (1)	88.7	89.1	84.1	85.2	84.6	84.6	86.6	-4.1	0.5	-5.0	1.0	-0.6	2.0
Importers' share (1):													
Canada	3.3	3.3	3.4	3.6	3.5	3.6	3.5	0.2	-0.1	0.1	0.2	-0.1	-0.1
Mexico	1.3	1.1	0.8	1.0	0.7	0.7	0.9	-0.6	-0.2	-0.3	0.2	-0.3	0.2
All other sources	6.7	6.5	11.7	10.2	11.2	11.1	9.0	4.5	-0.1	5.2	-1.5	0.9	-2.1
Total imports	11.3	10.9	15.9	14.8	15.4	15.4	13.4	4.1	-0.5	5.0	-1.0	0.6	-2.0
U.S. consumption value:													
Amount	21,602,993	23,878,596	25,185,461	22,657,396	24,526,091	12,924,514	10,777,466	13.5	10.5	5.5	-10.0	8.2	-16.6
Producers' share (1)	83.8	84.3	79.6	80.0	78.8	79.9	79.2	-5.1	0.5	-4.8	0.5	-1.3	-0.7
Importers' share (1):													
Canada	4.6	4.6	5.0	5.6	5.9	5.7	6.3	1.3	0.0	0.4	0.6	0.3	0.6
Mexico	1.1	1.0	0.9	1.3	1.2	1.1	1.3	0.1	-0.1	-0.1	0.4	-0.1	0.2
All other sources	10.5	10.1	14.5	13.1	14.2	13.3	13.2	3.7	-0.4	4.5	-1.5	1.1	-0.1
Total imports	16.2	15.7	20.4	20.0	21.2	20.1	20.8	5.1	-0.5	4.6	-0.5	1.3	0.7
U.S. imports from:													
Canada:													
Quantity	1,780,268	1,912,484	2,109,953	2,174,342	2,282,595	1,222,110	1,015,981	28.2	7.4	10.3	3.1	5.0	-16.9
Value	989,950	1,097,038	1,263,441	1,269,367	1,437,787	741,735	678,089	45.2	10.8	15.2	0.5	13.3	-8.6
Unit value	$556	$574	$599	$584	$630	$607	$667	13.3	3.2	4.4	-2.5	7.9	10.0
Mexico:													
Quantity	712,137	639,029	478,666	601,114	459,431	241,421	253,525	-35.5	-10.3	-25.1	25.6	-23.6	5.0
Value	245,564	238,256	219,865	293,443	291,238	141,156	139,418	18.6	-3.0	-7.7	33.5	-0.8	-1.2
Unit value	$345	$373	$459	$488	$634	$585	$550	83.8	8.1	23.2	6.3	29.9	-5.9
All other sources:													
Quantity	3,567,698	3,843,108	7,367,443	6,186,231	7,199,090	3,739,416	2,614,239	101.8	7.7	91.7	-16.0	16.4	-30.1
Value	2,260,795	2,405,735	3,662,700	2,957,350	3,482,381	1,720,980	1,427,514	54.0	6.4	52.2	-19.3	17.8	-17.1
Unit value	$634	$626	$497	$478	$484	$460	$546	-23.7	-1.2	-20.6	-3.8	1.2	18.6
All sources:													
Quantity	6,060,100	6,394,621	9,956,062	8,961,687	9,941,116	5,202,947	3,883,745	64.0	5.5	55.7	-10.0	10.9	-25.4
Value	3,496,309	3,741,029	5,146,006	4,520,161	5,211,405	2,603,871	2,245,022	49.1	7.0	37.6	-12.2	15.3	-13.8
Unit value	$577	$585	$517	$504	$524	$500	$578	-9.1	1.4	-11.7	-2.4	3.9	15.5
Inventories/shipments of imports (1)	5.3	2.8	4.3	3.5	5.0	3.9	6.9	-0.3	-2.5	1.5	-0.8	1.4	3.0
U.S. producers':													
Average capacity quantity	61,558,691	64,343,988	68,132,397	69,797,634	72,493,598	36,127,415	35,986,273	17.8	4.5	5.9	2.4	3.9	-0.4
Production quantity	47,936,200	52,894,436	54,485,448	52,223,355	55,932,183	29,220,526	25,182,426	16.7	10.3	3.0	-4.2	7.1	-13.8
Capacity utilization (1)	77.7	82.1	79.8	74.7	77.0	80.7	69.8	-0.7	4.3	-2.2	-5.2	2.4	-10.9
U.S. shipments:													
Quantity	47,386,217	52,450,165	52,845,219	51,520,239	54,480,113	28,631,353	25,168,891	15.0	10.7	0.8	-2.5	5.7	-12.1
Value	18,106,684	20,137,587	20,039,455	18,137,235	19,314,886	10,320,843	8,532,464	6.7	11.2	-0.5	-9.5	6.5	-17.3
Unit value	$382	$384	$379	$352	$355	$361	$339	-7.2	0.5	-1.2	-7.2	0.7	-6.0
Export shipments:													
Quantity	652,646	751,509	725,913	860,621	921,952	505,790	485,987	41.3	15.1	-3.4	18.6	7.1	-3.9
Value	325,616	385,389	362,946	373,410	410,651	223,104	207,422	26.1	18.4	-5.8	2.9	10.0	-7.0
Unit value	$499	$513	$500	$434	$445	$441	$427	-10.7	2.8	-2.5	-13.2	2.7	-3.2
Ending inventory quantity	4,042,673	3,786,999	4,736,844	4,579,314	5,114,764	4,648,481	4,571,200	26.5	-6.3	25.1	-3.3	11.7	-1.7
Inventories/total shipments (1)	8.4	7.1	8.8	8.7	9.2	8.0	8.9	0.8	-1.3	1.7	-0.1	0.5	0.9
Production workers	38,017	39,458	40,071	39,991	40,954	40,832	37,396	7.7	3.8	1.6	-0.2	2.4	-8.4
Hours worked (1,000s)	78,169	82,670	83,408	83,061	85,366	43,033	38,496	9.2	5.8	0.9	-0.4	2.8	-10.5
Wages paid ($1,000s)	1,570,587	1,694,176	1,757,184	1,764,356	1,887,450	962,231	868,996	20.2	7.9	3.7	0.4	7.0	-9.7
Hourly wages	$20.09	$20.49	$21.07	$21.24	$22.11	$22.36	$22.57	10.0	2.0	2.8	0.8	4.1	1.0
Productivity (tons/1,000 hours)	607.9	634.2	644.7	619.7	648.4	672.0	647.1	6.3	4.3	1.6	-3.9	4.3	-3.7
Unit labor costs	$33.05	$32.31	$32.68	$34.28	$34.20	$33.27	$34.89	3.5	-2.2	1.1	4.9	-0.2	4.8
Net commercial sales:													
Quantity	26,635,601	29,066,390	28,780,449	28,457,365	28,598,312	15,254,215	13,293,257	7.4	9.1	-1.0	-1.1	0.5	-12.9
Value	12,794,931	13,934,869	13,825,529	12,915,149	13,041,245	7,004,087	5,759,503	1.9	8.9	-0.8	-6.6	1.0	-17.8
Unit value	$478	$477	$478	$452	$453	$457	$431	-5.2	-0.2	0.2	-5.4	0.2	-5.7
Cost of goods sold (COGS)	11,046,216	11,921,428	11,791,748	11,010,058	11,340,867	5,982,658	5,173,179	2.7	7.9	-1.1	-6.6	3.0	-13.5
Gross profit or (loss)	1,748,715	2,013,441	2,033,781	1,905,091	1,700,378	1,021,429	586,324	-2.8	15.1	1.0	-6.3	-10.7	-42.6
SG&A expenses	804,900	881,635	888,372	921,970	927,924	444,159	433,654	15.3	9.5	0.8	3.8	0.6	-2.4
Operating income or (loss)	943,815	1,131,806	1,145,409	983,121	772,454	577,270	152,670	-18.2	19.9	1.2	-14.2	-21.4	-73.6
Capital expenditures	650,593	705,700	1,202,814	603,460	441,953	197,966	191,459	-32.1	8.5	70.4	-49.8	-26.8	-3.3
Unit COGS	$413	$408	$408	$385	$395	$390	$387	-4.4	-1.2	0.0	-5.6	2.6	-0.8
Unit SG&A expenses	$30	$30	$31	$32	$32	$29	$32	6.7	0.0	3.3	3.2	0.0	10.3
Unit operating income or (loss)	$35	$39	$40	$34	$27	$38	$11	-22.9	11.4	2.6	-15.0	-20.6	-71.1
COGS/sales (1)	86.3	85.6	85.3	85.2	87.0	85.4	89.8	0.6	-0.8	-0.3	-0.0	1.7	4.4
Operating income or (loss)/sales (1)	7.4	8.1	8.3	7.6	5.9	8.2	2.7	-1.5	0.7	0.2	-0.7	-1.7	-5.6

(1) "Reported data" are in percent and "period changes" are in percentage points.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table LONG-C-2
Ingots: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

	Reported data							Period changes					
						January-June							January-June
Item	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	23,020,140	24,923,421	25,139,517	23,557,285	25,387,680	13,485,910	11,418,432	10.3	8.3	0.9	-6.3	7.8	-15.3
Producers' share (1)	95.1	96.6	95.0	96.3	96.2	96.0	98.1	1.1	1.4	-1.5	1.3	-0.1	2.1
Importers' share (1):													
Canada	0.4	0.3	0.5	0.6	0.4	0.5	0.5	-0.0	-0.1	0.2	0.1	-0.2	0.1
Mexico	0.6	0.1	0.2	0.4	0.1	0.1	0.0	-0.5	-0.5	0.1	0.2	-0.3	-0.0
All other sources	3.9	3.1	4.2	2.7	3.3	3.4	1.3	-0.6	-0.8	1.2	-1.5	0.6	-2.1
Total imports	4.9	3.4	5.0	3.7	3.8	4.0	1.9	-1.1	-1.4	1.5	-1.3	0.1	-2.1
U.S. consumption value:													
Amount	5,484,447	5,965,042	5,544,467	4,641,558	5,126,494	2,904,252	2,291,403	-6.5	8.8	-7.1	-16.3	10.4	-21.1
Producers' share (1)	93.6	95.2	93.3	95.0	95.0	95.2	97.1	1.4	1.6	-1.9	1.7	-0.0	1.9
Importers' share (1):													
Canada	0.5	0.4	0.7	0.6	0.4	0.5	0.6	-0.0	-0.1	0.3	-0.0	-0.2	0.1
Mexico	0.6	0.1	0.3	0.4	0.1	0.1	0.1	-0.5	-0.5	0.1	0.2	-0.3	-0.0
All other sources	5.3	4.3	5.8	3.9	4.5	4.1	2.2	-0.9	-1.1	1.5	-1.9	0.5	-2.0
Total imports	6.4	4.8	6.7	5.0	5.0	4.8	2.9	-1.4	-1.6	1.9	-1.7	0.0	-1.9
U.S. imports from:													
Canada:													
Quantity	85,037	75,585	127,798	132,306	92,644	64,348	62,764	8.9	-11.1	69.1	3.5	-30.0	-2.5
Value	25,588	24,106	37,489	30,110	21,854	14,959	13,149	-14.6	-5.8	55.5	-19.7	-27.4	-12.1
Unit value	$301	$319	$293	$228	$236	$232	$209	-21.6	6.0	-8.0	-22.4	3.7	-9.9
Mexico:													
Quantity	135,056	18,642	50,364	86,438	19,871	11,879	4,853	-85.3	-86.2	170.2	71.6	-77.0	-59.1
Value	35,451	7,818	14,303	19,900	6,496	3,463	2,662	-81.7	-77.9	82.9	39.1	-67.3	-23.1
Unit value	$262	$419	$284	$230	$327	$292	$548	24.6	59.8	-32.3	-18.9	42.0	88.1
All other sources:													
Quantity	900,103	763,910	1,066,890	647,684	839,641	464,734	148,168	-6.7	-15.1	39.7	-39.3	29.6	-68.1
Value	292,456	254,680	321,165	182,319	228,948	120,461	50,216	-21.7	-12.9	26.1	-43.2	25.6	-58.3
Unit value	$325	$333	$301	$281	$273	$259	$339	-16.1	2.6	-9.7	-6.5	-3.1	30.8
All sources:													
Quantity	1,120,196	858,137	1,245,052	866,430	952,156	540,959	215,785	-15.0	-23.4	45.1	-30.4	9.9	-60.1
Value	353,495	286,604	372,957	232,329	257,300	138,883	66,028	-27.2	-18.9	30.1	-37.7	10.7	-52.5
Unit value	$316	$334	$300	$268	$270	$257	$306	-14.4	5.8	-10.3	-10.5	0.8	19.2
Inventories/shipments of imports (1)	3.0	3.2	6.7	12.8	14.0	10.7	14.2	11.1	0.2	3.6	6.1	1.2	3.5
U.S. producers':													
Average capacity quantity	24,352,236	25,362,236	26,816,875	28,035,625	28,900,092	14,405,546	14,380,546	18.7	4.1	5.7	4.5	3.1	-0.2
Production quantity	21,801,625	23,868,182	24,200,855	22,644,923	24,572,841	12,950,489	11,019,600	12.7	9.5	1.4	-6.4	8.5	-14.9
Capacity utilization (1)	89.4	94.0	90.1	80.7	85.0	89.9	76.5	-4.4	4.5	-3.9	-9.5	4.4	-13.3
U.S. shipments:													
Quantity	21,899,944	24,065,284	23,894,465	22,690,855	24,435,524	12,944,951	11,202,647	11.6	9.9	-0.7	-5.0	7.7	-13.5
Value	5,130,952	5,678,438	5,171,511	4,409,229	4,869,194	2,765,369	2,225,375	-5.1	10.7	-8.9	-14.7	10.4	-19.5
Unit value	$234	$236	$216	$194	$199	$214	$199	-14.9	0.7	-8.3	-10.2	2.5	-7.0
Export shipments:													
Quantity	5,469	5,615	4,587	3,786	7,312	4,444	2,284	33.7	2.7	-18.3	-17.5	93.1	-48.6
Value	1,838	2,325	1,446	1,280	2,224	1,334	695	21.0	26.5	-37.8	-11.5	73.8	-47.9
Unit value	$336	$414	$315	$338	$304	$300	$304	-9.5	23.2	-23.9	7.2	-10.0	1.4
Ending inventory quantity	1,151,365	990,682	1,318,222	1,270,169	1,412,274	1,262,645	1,207,298	22.7	-14.0	33.1	-3.6	11.2	-4.4
Inventories/total shipments (1)	5.3	4.1	5.5	5.6	5.8	4.9	5.4	0.5	-1.1	1.4	0.1	0.2	0.5
Production workers	6,502	6,672	6,726	6,696	6,588	6,545	5,621	1.3	2.6	0.8	-0.5	-1.6	-14.1
Hours worked (1,000s)	13,988	14,812	14,410	14,496	14,572	7,013	5,953	4.2	5.9	-2.7	0.6	0.5	-15.1
Wages paid ($1,000s)	377,030	397,253	392,660	392,059	409,486	203,229	172,710	8.6	5.4	-1.2	-0.2	4.4	-15.0
Hourly wages	$26.95	$26.82	$27.25	$27.04	$28.10	$28.98	$29.01	4.3	-0.5	1.6	-0.8	3.9	0.1
Productivity (tons/1,000 hours)	1558.6	1611.3	1679.4	1561.9	1686.2	1844.2	1847.9	8.2	3.4	4.2	-7.0	8.0	0.2
Unit labor costs	$17.29	$16.64	$16.23	$17.31	$16.66	$15.71	$15.70	-3.6	-3.8	-2.5	6.7	-3.7	-0.1
Net commercial sales:													
Quantity	2,584,759	2,612,873	2,392,961	1,585,821	1,606,352	922,959	606,010	-37.9	1.1	-8.4	-33.7	1.3	-34.3
Value	782,028	854,128	733,999	442,945	460,484	260,068	174,630	-41.1	9.2	-14.1	-39.7	4.0	-32.9
Unit value	$303	$327	$307	$279	$287	$282	$288	-5.3	8.1	-6.2	-8.9	2.6	2.3
Cost of goods sold (COGS)	782,852	834,573	712,834	423,859	433,996	243,593	173,548	-44.6	6.6	-14.6	-40.5	2.4	-28.8
Gross profit or (loss)	(826)	19,555	21,165	19,086	26,488	16,475	1,082	(2)	(2)	8.2	-9.8	38.8	-93.4
SG&A expenses	31,119	26,821	19,644	31,612	30,879	16,051	12,448	-0.8	-13.8	-26.8	60.9	-2.3	-22.4
Operating income or (loss)	(31,945)	(7,266)	1,521	(12,526)	(4,391)	424	(11,366)	86.3	77.3	(2)	(2)	64.9	(2)
Capital expenditures	80,331	65,676	95,265	44,751	42,096	17,993	9,960	-47.6	-18.2	45.1	-53.0	-5.9	-44.6
Unit COGS	$303	$319	$298	$267	$270	$264	$286	-10.8	5.5	-6.7	-10.3	1.1	8.5
Unit SG&A expenses	$12	$10	$8	$20	$19	$17	$21	59.7	-14.7	-20.0	142.8	-3.6	18.1
Unit operating income or (loss)	($12)	($3)	$1	($8)	($3)	$0	($19)	77.9	77.5	(2)	(2)	65.4	(2)
COGS/sales (1)	100.1	97.7	97.1	95.7	94.2	93.7	99.4	-5.9	-2.4	-0.6	-1.4	-1.4	5.7
Operating income or (loss)/sales (1)	(4.1)	(0.9)	0.2	(2.8)	(1.0)	0.2	(6.5)	3.1	3.2	1.1	-3.0	1.9	-6.7

(1) "Reported data" are in percent and "period changes" are in percentage points.
(2) Undefined.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown.
Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table LONG-C-3

Hot bar: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	10,052,172	11,277,742	11,675,698	11,073,215	11,232,944	6,048,021	4,896,227	11.7	12.2	3.5	-5.2	1.4	-19.0
Producers' share (1)	83.5	84.0	79.9	79.6	77.5	77.9	80.5	-6.0	0.5	-4.0	-0.4	-2.1	2.7
Importers' share (1):													
Canada	9.4	9.0	9.2	10.3	10.3	10.1	9.8	0.9	-0.4	0.3	1.1	-0.1	-0.3
Mexico	1.4	1.4	1.4	1.7	1.5	1.6	1.4	0.1	0.0	0.1	0.3	-0.3	-0.2
All other sources	5.8	5.7	9.4	8.4	10.8	10.4	8.2	5.0	-0.1	3.7	-1.0	2.4	-2.2
Total imports	16.5	16.0	20.1	20.4	22.5	22.1	19.5	6.0	-0.5	4.0	0.4	2.1	-2.7
U.S. consumption value:													
Amount	4,388,480	4,941,963	5,132,145	4,452,091	4,568,848	2,467,332	1,907,558	4.1	12.6	3.8	-13.3	2.6	-22.7
Producers' share (1)	80.9	81.9	77.9	77.6	75.9	76.9	77.0	-5.1	0.9	-3.9	-0.4	-1.7	0.2
Importers' share (1):													
Canada	8.9	8.5	8.9	10.2	10.1	10.0	10.0	1.2	-0.5	0.5	1.3	-0.0	0.0
Mexico	1.1	1.1	1.2	1.4	1.3	1.4	1.3	0.2	0.0	0.1	0.2	-0.1	-0.2
All other sources	9.0	8.6	11.9	10.9	12.7	11.7	11.7	3.7	-0.5	3.3	-1.0	1.8	-0.0
Total imports	19.1	18.1	22.1	22.4	24.1	23.1	23.0	5.1	-0.9	3.9	0.4	1.7	-0.2
U.S. imports from:													
Canada:													
Quantity	940,263	1,009,968	1,078,167	1,144,407	1,154,173	610,280	478,360	22.7	7.4	6.8	6.1	0.9	-21.6
Value	391,872	418,541	458,257	453,622	463,419	246,127	190,734	18.3	6.8	9.5	-1.0	2.2	-22.5
Unit value	$417	$414	$425	$396	$402	$403	$399	-3.7	-0.6	2.6	-6.7	1.3	-1.1
Mexico:													
Quantity	135,715	154,756	166,932	192,205	163,066	97,620	70,867	20.2	14.0	7.9	15.1	-15.1	-27.4
Value	47,883	54,134	61,998	61,351	58,921	35,031	23,946	23.1	13.1	14.5	-1.0	-4.0	-31.6
Unit value	$353	$350	$371	$319	$361	$359	$338	2.4	-0.9	6.2	-14.1	13.2	-5.8
All other sources:													
Quantity	584,126	644,577	1,098,248	925,711	1,214,149	630,673	403,165	107.9	10.3	70.4	-15.7	31.2	-36.1
Value	396,807	424,216	611,659	484,150	580,950	289,406	223,570	46.4	6.9	44.2	-20.8	20.0	-22.7
Unit value	$679	$658	$557	$523	$478	$459	$555	-29.6	-3.1	-15.4	-6.1	-8.5	20.8
All sources:													
Quantity	1,660,123	1,809,301	2,343,347	2,262,323	2,531,409	1,338,573	952,392	52.5	9.0	29.5	-3.5	11.9	-28.9
Value	836,562	896,891	1,131,913	999,123	1,103,290	570,566	438,251	31.9	7.2	26.2	-11.7	10.4	-23.2
Unit value	$504	$496	$483	$442	$436	$426	$460	-13.5	-1.6	-2.6	-8.6	-1.3	8.0
Inventories/shipments of imports (1)	8.9	7.8	13.1	10.9	11.0	10.7	9.2	2.1	-1.1	5.2	-2.1	0.1	-1.5
U.S. producers':													
Average capacity quantity	12,843,637	13,262,967	13,277,999	12,948,276	13,128,430	6,612,678	6,417,755	2.2	3.3	0.1	-2.5	1.4	-3.0
Production quantity	8,631,901	9,815,907	9,864,337	9,079,894	9,191,687	4,963,322	3,867,987	6.5	13.7	0.5	-8.0	1.2	-22.1
Capacity utilization (1)	67.2	74.0	74.3	70.1	70.0	75.1	60.3	2.8	6.8	0.3	-4.2	-0.1	-14.8
U.S. shipments:													
Quantity	8,392,049	9,468,441	9,332,350	8,810,892	8,701,535	4,709,448	3,943,835	3.7	12.8	-1.4	-5.6	-1.2	-16.3
Value	3,551,918	4,045,093	4,000,231	3,452,968	3,465,559	1,896,766	1,469,307	-2.4	13.9	-1.1	-13.7	0.4	-22.5
Unit value	$423	$427	$429	$392	$398	$403	$373	-5.9	0.9	0.3	-8.6	1.6	-7.5
Export shipments:													
Quantity	229,288	271,691	272,067	350,912	361,699	198,392	140,960	57.8	18.5	0.1	29.0	3.1	-28.9
Value	90,403	112,474	107,706	123,497	133,475	74,306	48,126	47.6	24.4	-4.2	14.7	8.1	-35.2
Unit value	$394	$414	$396	$352	$369	$375	$341	-6.4	5.0	-4.4	-11.1	4.9	-8.8
Ending inventory quantity	1,188,115	1,248,310	1,484,826	1,370,260	1,485,218	1,420,070	1,253,895	25.0	5.1	18.9	-7.7	8.4	-11.7
Inventories/total shipments (1)	13.8	12.8	15.5	15.0	16.4	14.5	15.3	2.6	-1.0	2.6	-0.5	1.4	0.9
Production workers	8,718	9,023	8,980	8,250	8,965	9,288	8,309	2.8	3.5	-0.5	-8.1	8.7	-10.3
Hours worked (1,000s)	18,209	19,264	18,968	17,422	18,957	9,938	8,491	4.1	5.8	-1.5	-8.1	8.8	-14.6
Wages paid ($1,000s)	417,393	446,762	462,929	428,863	478,934	253,769	219,766	14.7	7.0	3.6	-7.4	11.7	-13.4
Hourly wages	$22.92	$23.19	$24.41	$24.62	$25.26	$25.53	$25.88	10.2	1.2	5.2	0.9	2.6	1.4
Productivity (tons/1,000 hours)	474.0	509.6	520.1	521.2	484.9	499.4	455.5	2.3	7.5	2.1	0.2	-7.0	-8.8
Unit labor costs	$48.35	$45.51	$46.93	$47.23	$52.11	$51.13	$56.82	7.8	-5.9	3.1	0.6	10.3	11.1
Net commercial sales:													
Quantity	7,950,537	9,096,984	8,821,971	8,474,878	7,966,701	4,478,797	3,652,540	0.2	14.4	-3.0	-3.9	-6.0	-18.4
Value	3,534,581	3,932,842	3,802,387	3,384,765	3,179,037	1,828,636	1,390,105	-10.1	11.3	-3.3	-11.0	-6.1	-24.0
Unit value	$445	$432	$431	$399	$399	$408	$381	-10.2	-2.8	-0.3	-7.3	-0.1	-6.6
Cost of goods sold (COGS)	3,170,148	3,526,345	3,411,065	3,071,008	3,028,650	1,720,409	1,391,528	-4.5	11.2	-3.3	-10.0	-1.4	-19.1
Gross profit or (loss)	364,433	406,497	391,322	313,777	150,387	108,227	(1,423)	-58.7	11.5	-3.7	-19.8	-52.1	(2)
SG&A expenses	172,807	193,114	197,772	189,689	177,269	81,588	87,541	2.6	11.8	2.4	-4.1	-6.5	7.3
Operating income or (loss)	191,626	213,383	193,550	124,088	(26,882)	26,659	(88,964)	(2)	11.4	-9.3	-35.9	(2)	(2)
Capital expenditures	206,032	180,124	183,504	135,351	122,114	59,950	57,526	-40.7	-12.6	1.9	-26.2	-9.8	-4.0
Unit COGS	$399	$388	$387	$362	$380	$384	$381	-4.7	-2.8	-0.2	-6.3	4.9	-0.8
Unit SG&A expenses	$22	$21	$22	$22	$22	$18	$24	2.4	-2.4	5.6	-0.2	-0.6	31.6
Unit operating income or (loss)	$24	$23	$22	$15	($3)	$6	($24)	(2)	-2.7	-6.4	-33.3	(2)	(2)
COGS/sales (1)	89.7	89.7	89.7	90.7	95.3	94.1	100.1	5.6	-0.0	0.0	1.0	4.5	6.0
Operating income or (loss)/sales (1)	5.4	5.4	5.1	3.7	(0.8)	1.5	(6.4)	-6.3	0.0	-0.3	-1.4	-4.5	-7.9

(1) "Reported data" are in percent and "period changes" are in percentage points.

(2) Undefined.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table LONG-C-4
Cold bar: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	1,407,385	1,597,309	1,668,486	1,607,836	1,640,806	905,184	700,202	16.6	13.5	4.5	-3.6	2.1	-22.6
Producers' share (1)	85.3	85.1	83.6	85.3	80.8	81.2	80.7	-4.5	-0.3	-1.4	1.7	-4.5	-0.5
Importers' share (1):													
Canada	4.8	4.4	4.2	5.0	4.9	5.2	5.1	0.1	-0.4	-0.2	0.8	-0.1	-0.1
Mexico	0.1	0.1	0.1	0.1	0.0	0.0	0.0	-0.0	-0.0	0.0	-0.0	-0.0	-0.0
All other sources	9.8	10.5	12.1	9.6	14.3	13.5	14.2	4.5	0.7	1.6	-2.4	4.6	0.7
Total imports	14.7	14.9	16.4	14.7	19.2	18.8	19.3	4.5	0.3	1.4	-1.7	4.5	0.5
U.S. consumption value:													
Amount	1,096,788	1,195,686	1,249,976	1,122,029	1,131,994	620,832	487,619	3.2	9.0	4.5	-10.2	0.9	-21.5
Producers' share (1)	83.2	82.4	80.8	82.9	78.5	79.7	78.3	-4.7	-0.8	-1.7	2.2	-4.4	-1.4
Importers' share (1):													
Canada	5.2	4.6	4.6	5.5	5.8	6.1	5.7	0.6	-0.4	-0.2	1.0	0.2	-0.4
Mexico	0.1	0.1	0.1	0.0	0.0	0.0	0.0	-0.0	-0.0	0.0	-0.0	-0.0	-0.0
All other sources	11.6	12.7	14.6	11.5	15.7	14.2	16.0	4.1	1.1	1.9	-3.1	4.2	1.8
Total imports	16.8	17.6	19.2	17.1	21.5	20.3	21.7	4.7	0.8	1.7	-2.2	4.4	1.4
U.S. imports from:													
Canada:													
Quantity	67,212	69,763	70,239	79,782	80,348	47,430	35,642	19.5	3.8	0.7	13.6	0.7	-24.9
Value	56,743	57,511	57,083	62,156	65,415	37,924	27,920	15.3	1.4	-0.8	8.9	5.2	-26.4
Unit value	$844	$824	$812	$779	$814	$800	$783	-3.6	-2.4	-1.5	-4.1	4.5	-2.0
Mexico:													
Quantity	1,225	1,201	1,259	939	670	431	246	-45.3	-2.0	4.8	-25.4	-28.7	-42.9
Value	779	721	835	557	381	258	112	-51.0	-7.5	15.8	-33.3	-31.5	-56.7
Unit value	$636	$600	$663	$593	$569	$598	$454	-10.5	-5.6	10.4	-10.6	-4.0	-24.1
All other sources:													
Quantity	137,834	167,256	201,473	154,971	233,940	122,026	99,082	69.7	21.3	20.5	-23.1	51.0	-18.8
Value	126,714	151,766	182,431	128,884	177,297	88,109	77,982	39.9	19.8	20.2	-29.4	37.6	-11.5
Unit value	$919	$907	$905	$832	$758	$722	$787	-17.6	-1.3	-0.2	-8.2	-8.9	9.0
All sources:													
Quantity	206,272	238,221	272,972	235,693	314,958	169,889	134,971	52.7	15.5	14.6	-13.7	33.6	-20.6
Value	184,235	209,998	240,329	191,597	243,093	126,291	106,013	31.9	14.0	14.4	-20.3	26.9	-16.1
Unit value	$893	$882	$880	$813	$772	$743	$785	-13.6	-1.3	-0.1	-7.7	-5.1	5.7
Inventories/shipments of imports (1)	2.6	1.6	4.8	4.6	5.3	6.0	3.7	2.7	-1.0	3.2	-0.2	0.8	-2.3
U.S. producers':													
Average capacity quantity	2,799,012	3,008,972	3,204,263	2,853,945	2,958,991	1,498,429	1,408,446	5.7	7.5	6.5	-10.9	3.7	-6.0
Production quantity	1,172,481	1,378,214	1,401,146	1,385,660	1,331,009	719,693	565,900	13.5	17.5	1.7	-1.1	-3.9	-21.4
Capacity utilization (1)	41.9	45.8	43.7	48.6	45.0	48.0	40.2	3.1	3.9	-2.1	4.8	-3.6	-7.8
U.S. shipments:													
Quantity	1,201,113	1,359,068	1,395,494	1,372,143	1,325,848	735,295	565,231	10.4	13.2	2.7	-1.7	-3.4	-23.1
Value	912,551	985,690	1,009,647	930,432	888,901	494,541	381,608	-2.6	8.0	2.4	-7.8	-4.5	-22.8
Unit value	$760	$725	$724	$678	$670	$673	$675	-11.8	-4.5	-0.2	-6.3	-1.1	0.4
Export shipments:													
Quantity	9,177	12,570	16,687	15,890	16,783	8,579	8,964	82.9	37.0	32.7	-4.8	5.6	4.5
Value	10,337	14,730	15,964	12,481	14,809	8,413	7,081	43.3	42.5	8.4	-21.8	18.7	-15.8
Unit value	$1,126	$1,172	$957	$785	$882	$981	$790	-21.7	4.0	-18.4	-17.9	12.3	-19.4
Ending inventory quantity	193,694	219,434	218,765	247,281	231,258	216,926	211,325	19.4	13.3	-1.2	14.1	-6.5	-2.6
Inventories/total shipments (1)	16.0	16.0	15.3	17.8	17.2	14.6	18.4	1.2	-0.0	-0.6	2.5	-0.6	3.8
Production workers	1,693	1,697	1,701	1,966	1,915	1,992	1,783	13.1	0.2	0.3	15.6	-2.6	-10.0
Hours worked (1,000s)	3,723	3,760	3,863	4,384	4,336	2,324	1,996	16.5	1.0	2.7	13.5	-1.1	-14.1
Wages paid ($1,000s)	57,574	60,088	61,464	69,596	69,159	36,777	32,056	20.1	4.4	2.3	13.2	-0.6	-12.8
Hourly wages	$15.47	$15.98	$15.91	$15.88	$15.95	$15.82	$16.06	3.1	3.3	-0.4	-0.2	0.5	1.5
Productivity (tons/1,000 hours)	291.6	340.7	335.4	293.2	285.3	288.2	263.9	-2.2	16.9	-1.6	-12.6	-2.7	-8.4
Unit labor costs	$53.04	$46.90	$47.44	$54.15	$55.91	$54.92	$60.84	5.4	-11.6	1.2	14.2	3.2	10.8
Net commercial sales:													
Quantity	1,145,517	1,295,618	1,312,257	1,302,204	1,264,760	696,448	550,691	10.4	13.1	1.3	-0.8	-2.9	-20.9
Value	851,341	922,726	932,976	868,061	844,715	468,711	369,610	-0.8	8.4	1.1	-7.0	-2.7	-21.1
Unit value	$743	$712	$711	$667	$668	$673	$671	-10.1	-4.2	-0.2	-6.2	0.2	-0.3
Cost of goods sold (COGS)	762,623	805,054	817,518	793,648	765,467	420,468	343,997	0.4	5.6	1.5	-2.9	-3.6	-16.2
Gross profit or (loss)	88,718	117,672	115,458	74,413	79,248	48,243	25,613	-10.7	32.6	-1.9	-35.5	6.5	-46.9
SG&A expenses	55,461	57,514	57,835	64,207	55,339	29,251	26,164	-0.2	3.7	0.6	11.0	-13.8	-10.6
Operating income or (loss)	33,257	60,158	57,623	10,206	23,909	18,992	(551)	-28.1	80.9	-4.2	-82.3	134.3	(2)
Capital expenditures	13,287	11,378	14,166	21,734	19,878	7,714	12,654	49.8	-14.2	24.5	53.4	-8.5	64.0
Unit COGS	$666	$621	$623	$609	$605	$604	$625	-9.1	-6.7	0.3	-2.2	-0.7	3.5
Unit SG&A expenses	$48	$44	$44	$49	$44	$42	$48	-9.6	-8.3	-0.7	11.9	-11.3	13.1
Unit operating income or (loss)	$29	$46	$44	$8	$19	$27	($1)	-34.9	59.9	-5.4	-82.2	141.2	(2)
COGS/sales (1)	89.6	87.2	87.6	91.4	90.6	89.7	93.1	1.0	-2.3	0.4	3.8	-0.8	3.4
Operating income or (loss)/sales (1)	3.9	6.5	6.2	1.2	2.8	4.1	(0.1)	-1.1	2.6	-0.3	-5.0	1.7	-4.2

(1) "Reported data" are in percent and "period changes" are in percentage points.
(2) Undefined.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table LONG-C-5
Rebar: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	5,478,240	6,070,213	7,053,773	8,050,669	8,112,518	4,106,019	4,186,571	48.1	10.8	16.2	14.1	0.8	2.0
Producers' share (1)	89.4	88.4	82.6	77.2	79.4	76.0	79.6	-10.0	-0.9	-5.9	-5.3	2.2	3.7
Importers' share (1):													
Canada	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.0	0.0	0.0	-0.0	-0.0
Mexico	5.1	4.9	1.2	1.4	0.6	0.6	1.7	-4.4	-0.2	-3.7	0.2	-0.7	1.1
All other sources	5.5	6.7	16.2	21.4	19.9	23.4	18.8	14.4	1.1	9.6	5.1	-1.4	-4.6
Total imports	10.6	11.6	17.4	22.8	20.6	24.0	20.4	10.0	0.9	5.9	5.3	-2.2	-3.7
U.S. consumption value:													
Amount	1,610,188	1,809,399	2,093,032	2,091,451	2,097,282	1,056,937	1,074,676	30.3	12.4	15.7	-0.1	0.3	1.7
Producers' share (1)	90.0	89.5	83.8	81.5	82.7	80.3	82.1	-7.2	-0.4	-5.7	-2.3	1.2	1.8
Importers' share (1):													
Canada	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	-0.0	0.0	0.0	-0.0	-0.0
Mexico	4.4	4.0	1.1	1.4	0.7	0.6	1.6	-3.7	-0.4	-2.9	0.3	-0.7	1.0
All other sources	5.6	6.5	15.1	17.0	16.6	19.0	16.2	10.9	0.8	8.6	2.0	-0.5	-2.8
Total imports	10.0	10.5	16.2	18.5	17.3	19.7	17.9	7.2	0.4	5.7	2.3	-1.2	-1.8
U.S. imports from:													
Canada:													
Quantity	1,258	790	962	3,625	1,996	1,367	1,161	58.6	-37.2	21.9	276.8	-45.0	-16.3
Value	462	323	471	1,506	932	648	468	101.6	-30.2	45.8	219.9	-38.1	-28.0
Unit value	$368	$409	$489	$415	$467	$467	$401	27.1	11.2	19.7	-15.1	12.5	-14.0
Mexico:													
Quantity	278,255	296,633	83,387	109,252	51,723	23,979	72,528	-81.4	6.6	-71.9	31.0	-52.7	202.5
Value	70,502	72,150	23,070	28,292	13,858	6,406	17,257	-80.3	2.3	-68.0	22.6	-51.0	169.4
Unit value	$253	$243	$277	$259	$268	$267	$238	5.7	-4.0	13.7	-6.4	3.5	-10.9
All other sources:													
Quantity	302,217	403,881	1,144,846	1,719,731	1,616,111	960,625	778,799	434.8	33.6	183.5	50.2	-6.0	-18.9
Value	90,605	117,104	315,048	356,105	347,441	201,270	174,349	283.5	29.2	169.0	13.0	-2.4	-13.4
Unit value	$300	$290	$275	$207	$215	$210	$224	-28.3	-3.3	-5.1	-24.8	3.8	6.8
All sources:													
Quantity	581,731	701,303	1,229,195	1,832,608	1,669,829	985,991	852,488	187.0	20.6	75.3	49.1	-8.9	-13.5
Value	161,569	189,576	338,589	385,903	362,231	208,323	192,072	124.2	17.3	78.6	14.0	-6.1	-7.8
Unit value	$278	$270	$275	$211	$217	$211	$225	-21.9	-2.7	1.9	-23.8	3.0	6.6
Inventories/shipments of imports (1)	8.4	2.3	1.9	0.7	0.5	1.2	0.8	-7.9	-6.1	-0.4	-1.2	-0.2	-0.3
U.S. producers':													
Average capacity quantity	7,633,621	8,154,297	9,156,915	9,540,620	9,661,204	4,885,796	4,801,024	26.6	6.8	12.3	4.2	1.3	2.5
Production quantity	4,953,429	5,460,521	6,164,161	6,304,540	6,617,278	3,169,271	3,512,657	33.6	10.2	12.9	2.3	5.0	10.1
Capacity utilization (1)	64.9	67.0	67.3	66.1	68.5	66.1	73.2	3.6	2.1	0.4	-1.2	2.4	5.1
U.S. shipments:													
Quantity	4,896,509	5,368,910	5,824,579	6,218,060	6,442,689	3,120,028	3,334,082	31.6	9.6	8.5	6.8	3.6	6.9
Value	1,448,620	1,619,623	1,754,443	1,705,548	1,735,051	848,614	882,604	19.8	11.8	8.3	-2.8	1.7	4.0
Unit value	$296	$302	$301	$274	$269	$272	$265	-9.0	2.0	-0.2	-8.9	-1.8	-2.7
Export shipments:													
Quantity	124,136	126,129	137,859	142,775	160,643	98,984	98,856	29.4	1.6	9.3	3.6	12.5	-0.1
Value	36,735	38,242	40,760	38,242	41,041	25,959	25,481	11.7	4.1	6.6	-6.2	7.3	-1.8
Unit value	$296	$303	$296	$268	$255	$262	$258	-13.7	2.5	-2.5	-9.4	-4.6	-1.7
Ending inventory quantity	494,221	461,681	687,769	629,283	645,885	599,627	708,308	30.7	-6.6	49.0	-8.5	2.6	18.1
Inventories/total shipments (1)	9.8	8.4	11.5	9.9	9.8	9.3	10.3	-0.1	-1.4	3.1	-1.6	-0.1	1.0
Production workers	2,968	2,989	3,084	3,153	3,169	2,970	3,305	6.8	0.7	3.2	2.2	0.5	11.3
Hours worked (1,000s)	5,828	6,143	6,279	6,348	6,042	2,985	3,425	3.7	5.4	2.2	1.1	-4.8	14.7
Wages paid ($1,000s)	113,207	126,452	134,515	142,630	144,723	71,951	84,828	27.8	11.7	6.4	6.0	1.5	17.9
Hourly wages	$19.43	$20.58	$21.42	$22.47	$23.95	$24.10	$24.77	23.3	6.0	4.1	4.8	6.6	2.8
Productivity (tons/1,000 hours)	850.0	888.9	952.6	960.8	1062.4	1066.4	1025.6	25.0	4.6	7.2	0.9	10.6	-4.0
Unit labor costs	$22.85	$23.16	$22.49	$23.38	$22.55	$22.58	$24.15	-1.4	1.3	-2.9	4.0	-3.6	7.0
Net commercial sales:													
Quantity	4,664,903	4,953,426	5,193,407	5,525,883	5,697,391	2,802,074	2,980,580	22.1	6.2	4.8	6.4	3.1	6.4
Value	1,386,211	1,505,861	1,514,490	1,501,180	1,514,078	765,096	791,346	9.2	8.6	0.6	-0.9	0.9	3.4
Unit value	$297	$304	$292	$272	$266	$273	$266	-10.6	2.3	-4.1	-6.8	-2.2	-2.8
Cost of goods sold (COGS)	1,307,002	1,373,786	1,341,016	1,334,748	1,425,652	683,094	707,686	9.1	5.1	-2.4	-0.5	6.8	3.6
Gross profit or (loss)	79,209	132,075	173,474	166,432	88,426	82,002	83,660	11.6	66.7	31.3	-4.1	-46.9	2.0
SG&A expenses	79,281	79,511	85,229	92,020	113,095	47,365	63,802	42.7	0.3	7.2	8.0	22.9	34.7
Operating income or (loss)	(72)	52,564	88,245	74,412	(24,669)	34,637	19,858	(2)	(2)	67.9	-15.7	(2)	-42.7
Capital expenditures	108,711	104,118	74,907	62,050	49,436	22,113	29,825	-54.5	-4.2	-28.1	-17.2	-20.3	34.9
Unit COGS	$280	$277	$258	$242	$250	$244	$237	-10.7	-1.0	-6.9	-6.5	3.6	-2.6
Unit SG&A expenses	$17	$16	$16	$17	$20	$17	$21	16.8	-5.6	2.2	1.5	19.2	26.6
Unit operating income or (loss)	($0)	$11	$17	$13	($4)	$12	$7	(2)	(2)	60.1	-20.7	(2)	-46.1
COGS/sales (1)	94.3	91.2	88.5	88.9	94.2	89.3	89.4	-0.1	-3.1	-2.7	0.4	5.2	0.1
Operating income or (loss)/sales (1)	(0.0)	3.5	5.8	5.0	(1.6)	4.5	2.5	-1.6	3.5	2.3	-0.9	-6.6	-2.0

(1) "Reported data" are in percent and "period changes" are in percentage points.
(2) Undefined.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown.
Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table LONG-C-6
Rails: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	860,391	1,061,040	1,218,215	899,121	1,049,869	563,268	426,270	22.0	23.3	14.6	-26.1	16.8	-24.3
Producers' share (1)	76.6	77.6	72.3	68.4	73.8	72.8	68.1	-2.7	1.0	-5.3	-3.9	5.5	-4.6
Importers' share (1):													
Canada	1.6	1.7	1.3	1.2	1.3	0.9	1.5	-0.3	0.1	-0.4	-0.1	0.1	0.5
Mexico	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.0	-0.0	0.0
All other sources	21.8	20.8	26.4	30.4	24.9	26.3	30.4	3.1	-1.1	5.6	4.0	-5.5	4.1
Total imports	23.4	22.4	27.7	31.6	26.2	27.2	31.9	2.7	-1.0	5.3	3.9	-5.5	4.6
U.S. consumption value:													
Amount	437,529	523,379	618,643	438,481	498,656	273,505	203,775	14.0	19.6	18.2	-29.1	13.7	-25.5
Producers' share (1)	74.3	76.1	70.0	66.7	72.2	71.3	66.6	-2.1	1.9	-6.2	-3.3	5.5	-4.6
Importers' share (1):													
Canada	1.1	1.3	1.1	1.1	1.2	0.8	1.3	0.1	0.2	-0.2	0.1	0.0	0.6
Mexico	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-0.0	-0.0	0.0
All other sources	24.7	22.6	28.9	32.2	26.7	28.0	32.0	2.0	-2.1	6.4	3.3	-5.5	4.1
Total imports	25.7	23.9	30.0	33.3	27.8	28.7	33.4	2.1	-1.9	6.2	3.3	-5.5	4.6
U.S. imports from:													
Canada:													
Quantity	13,761	17,571	15,302	10,456	13,365	5,268	6,329	-2.9	27.7	-12.9	-31.7	27.8	20.1
Value	4,714	6,741	6,593	4,931	5,819	2,057	2,691	23.5	43.0	-2.2	-25.2	18.0	30.8
Unit value	$343	$384	$431	$472	$435	$390	$425	27.1	12.0	12.3	9.5	-7.7	8.9
Mexico:													
Quantity	0	2	850	353	0	0	65	(2)	(2)	40,348.7	-58.5	-100.0	(2)
Value	0	5	385	162	0	0	10	(2)	(2)	8,172.3	-58.0	-100.0	(2)
Unit value	(2)	$2,215	$453	$459	(2)	(2)	$160	(2)	(2)	-79.5	1.4	(2)	(2)
All other sources:													
Quantity	187,950	220,613	321,115	273,624	261,484	148,136	129,406	39.1	17.4	45.6	-14.8	-4.4	-12.6
Value	107,915	118,099	178,882	141,106	133,032	76,538	65,282	23.3	9.4	51.5	-21.1	-5.7	-14.7
Unit value	$574	$535	$557	$516	$509	$517	$504	-11.4	-6.8	4.1	-7.4	-1.3	-2.4
All sources:													
Quantity	201,711	238,187	337,268	284,433	274,849	153,403	135,799	36.3	18.1	41.6	-15.7	-3.4	-11.5
Value	112,629	124,844	185,860	146,199	138,852	78,594	67,983	23.3	10.6	48.9	-21.3	-5.0	-13.5
Unit value	$558	$524	$551	$514	$505	$512	$501	-9.5	-6.1	5.1	-6.7	-1.7	-2.3
Inventories/shipments of imports (1)	0.0	0.0	0.0	0.0	1.1	0.0	6.1	1.1	0.0	0.0	0.0	1.1	6.1
U.S. producers':													
Average capacity quantity	1,040,000	1,040,000	1,111,000	1,111,000	1,111,000	555,500	555,500	6.8	0.0	6.8	0.0	0.0	0.0
Production quantity	717,082	895,965	955,292	667,823	845,350	446,743	334,962	17.9	24.9	6.6	-30.1	26.6	-25.0
Capacity utilization (1)	69.0	86.2	86.0	60.1	76.1	80.4	60.3	7.1	17.2	-0.2	-25.9	16.0	-20.1
U.S. shipments:													
Quantity	658,680	822,853	878,947	614,886	775,020	409,885	290,471	17.7	24.9	6.8	-30.1	26.1	-29.1
Value	324,900	398,535	432,763	292,262	359,604	194,911	135,792	10.7	22.7	8.6	-32.5	23.1	-30.3
Unit value	$493	$484	$492	$475	$464	$476	$467	-5.9	-1.8	1.7	-3.4	-2.4	-1.7
Export shipments:													
Quantity	81,696	68,029	81,030	41,289	65,130	43,405	56,380	-20.3	-16.7	19.1	-49.0	57.7	29.9
Value	37,451	33,500	44,909	19,016	30,012	20,170	25,552	-19.9	-10.5	34.1	-57.7	57.8	26.7
Unit value	$458	$492	$554	$461	$461	$465	$453	0.5	7.4	12.5	-18.9	0.1	-2.5
Ending inventory quantity	33,465	38,568	35,464	47,441	52,493	40,751	40,655	56.9	15.2	-8.0	33.8	10.6	-0.2
Inventories/total shipments (1)	4.5	4.3	3.7	7.2	6.2	4.5	5.9	1.7	-0.2	-0.6	3.5	-1.0	1.4
Production workers	856	932	989	676	830	864	756	-3.0	8.9	6.2	-31.7	22.8	-14.5
Hours worked (1,000s)	1,761	1,959	2,085	1,424	1,753	936	793	-0.5	11.2	6.4	-31.7	23.1	-15.3
Wages paid ($1,000s)	39,028	41,939	45,103	31,371	39,429	21,887	18,584	1.0	7.5	7.5	-30.4	25.7	-15.1
Hourly wages	$22.16	$21.41	$21.63	$22.03	$22.50	$23.40	$23.45	1.5	-3.4	1.0	1.9	2.1	0.2
Productivity (tons/1,000 hours)	407.1	457.3	458.2	469.0	482.3	477.5	422.6	18.5	12.3	0.2	2.4	2.8	-11.5
Unit labor costs	$54.42	$46.81	$47.21	$46.98	$46.64	$48.99	$55.48	-14.3	-14.0	0.9	-0.5	-0.7	13.2
Net commercial sales:													
Quantity	740,870	892,109	958,578	657,375	840,820	453,290	347,347	13.5	20.4	7.5	-31.4	27.9	-23.4
Value	362,278	432,614	477,389	311,429	390,148	215,122	161,507	7.7	19.4	10.3	-34.8	25.3	-24.9
Unit value	$489	$485	$498	$474	$464	$475	$465	-5.1	-0.9	2.7	-4.9	-2.0	-2.0
Cost of goods sold (COGS)	342,560	394,936	414,223	262,328	344,012	187,820	153,454	0.4	15.3	4.9	-36.7	31.1	-18.3
Gross profit or (loss)	19,718	37,678	63,166	49,101	46,136	27,302	8,053	134.0	91.1	67.6	-22.3	-6.0	-70.5
SG&A expenses	12,251	18,866	20,655	17,855	18,097	8,763	8,386	47.7	54.0	9.5	-13.6	1.4	-4.5
Operating income or (loss)	7,467	18,812	42,511	31,246	28,039	18,519	(333)	275.5	151.9	126.0	-26.5	-10.3	(3)
Capital expenditures	28,843	16,252	30,261	17,668	16,956	8,753	3,686	-41.2	-43.7	86.2	-41.6	-4.0	-57.9
Unit COGS	$463	$443	$432	$399	$409	$414	$442	-11.5	-4.3	-2.4	-7.7	2.6	6.8
Unit SG&A expenses	$17	$21	$22	$27	$22	$19	$24	30.2	27.9	1.9	26.1	-20.7	24.6
Unit operating income or (loss)	$10	$21	$44	$48	$33	$41	($1)	230.9	109.2	110.3	7.2	-29.8	(3)
COGS/sales (1)	94.6	91.3	86.8	84.2	88.2	87.3	95.0	-6.4	-3.3	-4.5	-2.5	3.9	7.7
Operating income or (loss)/sales (1)	2.1	4.3	8.9	10.0	7.2	8.6	(0.2)	5.1	2.3	4.6	1.1	-2.8	-8.8

(1) "Reported data" are in percent and "period changes" are in percentage points.
(2) Not applicable.
(3) Undefined.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown.
Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table LONG-C-7
Wire: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	3,188,556	3,575,472	3,800,388	3,912,860	3,957,067	2,094,295	1,823,404	24.1	12.1	6.3	3.0	1.1	-12.9
Producers' share (1)	83.2	82.4	82.4	81.7	82.1	82.3	81.5	-1.2	-0.8	-0.1	-0.7	0.4	-0.9
Importers' share (1):													
Canada	7.2	7.0	6.6	7.1	6.3	6.7	6.9	-0.9	-0.1	-0.4	0.5	-0.8	0.1
Mexico	1.3	1.1	1.3	1.2	1.1	1.1	1.1	-0.2	-0.2	0.1	-0.0	-0.1	0.0
All other sources	8.3	9.4	9.7	10.0	10.6	9.8	10.5	2.3	1.1	0.4	0.3	0.6	0.7
Total imports	16.8	17.6	17.6	18.3	17.9	17.7	18.5	1.2	0.8	0.1	0.7	-0.4	0.9
U.S. consumption value:													
Amount	2,034,612	2,363,952	2,482,318	2,415,977	2,472,482	1,268,047	1,113,664	21.5	16.2	5.0	-2.7	2.3	-12.0
Producers' share (1)	77.7	78.1	78.2	77.2	77.8	77.8	77.1	0.2	0.4	0.0	-1.0	0.7	-0.7
Importers' share (1):													
Canada	7.2	6.9	6.5	6.9	6.1	6.6	6.8	-1.1	-0.3	-0.5	0.4	-0.8	0.0
Mexico	1.2	1.1	1.3	1.3	1.3	1.3	1.4	0.1	-0.1	0.2	0.1	-0.0	0.1
All other sources	13.9	13.9	14.1	14.6	14.7	14.1	14.7	0.8	-0.0	0.2	0.4	0.1	0.5
Total imports	22.3	21.9	21.8	22.8	22.2	22.2	22.9	-0.2	-0.4	-0.0	1.0	-0.7	0.7
U.S. imports from:													
Canada:													
Quantity	229,202	251,740	251,379	277,229	247,990	141,302	125,035	8.2	9.8	-0.1	10.3	-10.5	-11.5
Value	146,864	163,400	160,364	166,925	152,044	85,557	75,296	3.7	11.4	-1.9	4.1	-8.9	-12.0
Unit value	$640	$649	$638	$602	$613	$605	$602	-4.2	1.4	-1.7	-5.6	1.8	-0.5
Mexico:													
Quantity	41,268	40,614	48,070	47,798	44,191	23,065	20,798	7.1	-1.6	18.4	-0.6	-7.5	-9.8
Value	24,304	25,238	31,381	32,493	32,105	16,137	15,617	32.1	3.8	24.3	3.5	-1.2	-3.2
Unit value	$589	$621	$653	$680	$727	$700	$751	23.4	5.5	5.1	4.1	6.9	7.3
All other sources:													
Quantity	264,678	335,925	370,396	391,796	417,968	205,776	192,181	57.9	26.9	10.3	5.8	6.7	-6.6
Value	283,334	328,995	350,632	352,045	363,743	179,130	163,562	28.4	16.1	6.6	0.4	3.3	-8.7
Unit value	$1,070	$979	$947	$899	$870	$871	$851	-18.7	-8.5	-3.3	-5.1	-3.1	-2.2
All sources:													
Quantity	535,147	628,279	669,845	716,823	710,148	370,142	338,014	32.7	17.4	6.6	7.0	-0.9	-8.7
Value	454,302	517,634	542,378	551,463	547,892	280,824	254,475	20.6	13.9	4.8	1.7	-0.6	-9.4
Unit value	$849	$824	$810	$769	$772	$759	$753	-9.1	-2.9	-1.7	-5.0	0.3	-0.8
Inventories/shipments of imports (1)	4.5	4.2	4.3	14.0	78.1	33.1	86.7	73.6	-0.4	0.1	9.7	64.1	53.6
U.S. producers':													
Average capacity quantity	3,188,213	3,475,306	3,700,065	3,825,108	3,931,518	1,967,285	2,027,448	23.3	9.0	6.5	3.4	2.8	3.6
Production quantity	2,676,331	2,973,053	3,154,265	3,251,230	3,311,614	1,722,390	1,489,178	23.7	11.1	6.1	3.1	1.9	-13.5
Capacity utilization (1)	82.8	84.4	84.0	83.7	83.0	86.6	72.3	0.3	1.6	-0.3	-0.4	-0.7	-14.4
U.S. shipments:													
Quantity	2,653,409	2,947,193	3,130,543	3,198,037	3,246,919	1,724,153	1,485,389	22.4	11.1	6.2	2.1	1.6	-13.8
Value	1,580,310	1,846,318	1,939,938	1,864,514	1,924,570	985,223	859,189	21.8	16.8	5.1	-3.9	3.2	-12.8
Unit value	$596	$626	$620	$583	$593	$571	$578	-0.5	5.2	-1.1	-5.9	1.6	1.2
Export shipments:													
Quantity	23,423	29,642	33,530	51,839	43,598	18,334	18,847	86.1	26.6	13.1	54.6	-15.9	2.8
Value	26,057	36,529	37,369	53,133	48,653	22,067	18,631	86.7	40.2	2.3	42.2	-8.4	-15.6
Unit value	$1,112	$1,232	$1,114	$1,025	$1,116	$1,204	$989	0.3	10.8	-9.6	-8.0	8.9	-17.9
Ending inventory quantity	161,161	155,287	144,791	147,737	168,710	130,271	144,342	4.7	-3.7	-6.7	2.0	14.2	10.8
Inventories/total shipments (1)	6.0	5.2	4.6	4.5	5.1	3.7	4.8	-0.9	-0.8	-0.6	-0.0	0.6	1.1
Production workers	4,733	5,474	5,445	5,455	5,591	5,600	4,983	18.1	15.7	-0.5	0.2	2.5	-11.0
Hours worked (1,000s)	8,939	10,749	10,883	10,988	11,258	5,642	4,886	25.9	20.2	1.2	1.0	2.5	-13.4
Wages paid ($1,000s)	120,164	149,922	153,290	157,564	169,226	84,160	72,330	40.8	24.8	2.2	2.8	7.4	-14.1
Hourly wages	$13.44	$13.95	$14.09	$14.34	$15.03	$14.92	$14.80	11.8	3.8	1.0	1.8	4.8	-0.8
Productivity (tons/1,000 hours)	281.3	260.4	272.8	277.9	276.7	287.5	285.6	-1.6	-7.4	4.8	1.9	-0.4	-0.6
Unit labor costs	$47.79	$53.57	$51.63	$51.60	$54.32	$51.88	$51.82	13.7	12.1	-3.6	-0.1	5.3	-0.1
Net commercial sales:													
Quantity	1,890,314	1,942,190	2,124,662	2,181,265	2,158,197	1,089,146	927,262	14.1	2.7	9.4	2.7	-1.1	-14.9
Value	1,337,654	1,370,424	1,472,945	1,460,620	1,444,708	720,222	596,739	8.0	2.4	7.5	-0.8	-1.1	-17.1
Unit value	$708	$706	$693	$670	$670	$661	$644	-5.3	-0.3	-1.7	-3.4	0.1	-2.7
Cost of goods sold (COGS)	1,122,319	1,141,582	1,222,786	1,179,064	1,187,575	576,877	499,565	5.8	1.7	7.1	-3.6	0.7	-13.4
Gross profit or (loss)	215,335	228,842	250,159	281,556	257,133	143,345	97,174	19.4	6.3	9.3	12.6	-8.7	-32.2
SG&A expenses	88,162	99,154	115,517	118,618	119,966	57,573	50,219	36.1	12.5	16.5	2.7	1.1	-12.8
Operating income or (loss)	127,173	129,688	134,642	162,938	137,167	85,772	46,955	7.9	2.0	3.8	21.0	-15.8	-45.3
Capital expenditures	39,422	56,893	73,166	66,687	53,223	23,813	19,488	35.0	44.3	28.6	-8.9	-20.2	-18.2
Unit COGS	$594	$588	$576	$541	$551	$530	$539	-7.2	-1.0	-2.1	-6.1	1.9	1.7
Unit SG&A expenses	$47	$51	$54	$54	$56	$53	$54	19.3	9.5	6.5	0.0	2.3	2.5
Unit operating income or (loss)	$67	$67	$63	$75	$64	$79	$51	-5.4	-0.7	-5.1	17.9	-14.8	-35.7
COGS/sales (1)	83.9	83.3	83.0	80.7	82.2	80.1	83.7	-1.7	-0.6	-0.3	-2.3	1.5	3.6
Operating income or (loss)/sales (1)	9.5	9.5	9.1	11.2	9.5	11.9	7.9	-0.0	-0.0	-0.3	2.0	-1.7	-4.0

(1) "Reported data" are in percent and "period changes" are in percentage points.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown.
Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table LONG-C-8
Rope: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

	Reported data							Period changes					
						January-June							January-June
Item	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	640,381	748,532	814,520	853,910	944,232	499,251	476,042	47.4	16.9	8.8	4.8	10.6	-4.6
Producers' share (1)	63.5	63.2	65.8	65.3	68.4	69.7	69.3	4.9	-0.4	2.7	-0.8	3.2	-0.4
Importers' share (1):													
Canada	2.6	2.6	2.2	2.3	2.1	2.1	2.5	-0.4	0.0	-0.4	0.1	-0.1	0.3
Mexico	4.0	2.9	1.9	3.4	2.5	2.0	2.9	-1.5	-1.1	-0.9	1.5	-0.9	0.9
All other sources	29.9	31.3	30.0	29.0	27.0	26.1	25.3	-3.0	1.4	-1.3	-1.0	-2.1	-0.8
Total imports	36.5	36.8	34.2	34.7	31.6	30.3	30.7	-4.9	0.4	-2.7	0.6	-3.2	0.4
U.S. consumption value:													
Amount	915,097	994,750	1,060,395	1,050,697	1,081,990	562,578	528,734	18.2	8.7	6.6	-0.9	3.0	-6.0
Producers' share (1)	59.4	62.0	66.2	66.5	67.7	68.8	68.6	8.2	2.6	4.1	0.3	1.2	-0.2
Importers' share (1):													
Canada	2.6	2.4	2.2	2.4	2.6	2.5	2.7	0.0	-0.1	-0.2	0.2	0.2	0.3
Mexico	1.6	1.3	0.9	1.8	1.5	1.2	1.9	-0.1	-0.3	-0.4	0.9	-0.3	0.7
All other sources	36.4	34.2	30.7	29.3	28.3	27.5	26.8	-8.2	-2.2	-3.6	-1.3	-1.0	-0.7
Total imports	40.6	38.0	33.8	33.5	32.3	31.2	31.4	-8.2	-2.6	-4.1	-0.3	-1.2	0.2
U.S. imports from:													
Canada:													
Quantity	16,465	19,605	17,933	19,417	20,113	10,721	11,678	22.2	19.1	-8.5	8.3	3.6	8.9
Value	23,393	24,328	23,805	25,404	27,952	13,879	14,423	19.5	4.0	-2.2	6.7	10.0	3.9
Unit value	$1,421	$1,241	$1,327	$1,308	$1,390	$1,295	$1,235	-2.2	-12.7	7.0	-1.4	6.2	-4.6
Mexico:													
Quantity	25,338	21,400	15,836	29,314	23,620	9,990	14,043	-6.8	-15.5	-26.0	85.1	-19.4	40.6
Value	14,691	12,630	9,725	18,703	16,176	6,843	9,893	10.1	-14.0	-23.0	92.3	-13.5	44.6
Unit value	$580	$590	$614	$638	$685	$685	$704	18.1	1.8	4.1	3.9	7.3	2.8
All other sources:													
Quantity	191,651	234,614	244,394	247,909	254,517	130,389	120,473	32.8	22.4	4.2	1.4	2.7	-7.6
Value	333,408	340,673	325,056	307,938	305,856	154,948	141,775	-8.3	2.2	-4.6	-5.3	-0.7	-8.5
Unit value	$1,740	$1,452	$1,330	$1,242	$1,202	$1,188	$1,177	-30.9	-16.5	-8.4	-6.6	-3.3	-1.0
All sources:													
Quantity	233,454	275,619	278,163	296,640	298,250	151,100	146,194	27.8	18.1	0.9	6.6	0.5	-3.2
Value	371,492	377,631	358,586	352,044	349,984	175,669	166,091	-5.8	1.7	-5.0	-1.8	-0.6	-5.5
Unit value	$1,591	$1,370	$1,289	$1,187	$1,173	$1,163	$1,136	-26.3	-13.9	-5.9	-7.9	-1.1	-2.3
Inventories/shipments of imports (1)	13.6	13.5	9.8	9.4	11.0	12.1	14.0	-2.6	-0.1	-3.8	-0.5	1.6	1.9
U.S. producers':													
Average capacity quantity	521,839	606,927	677,395	694,661	809,578	408,097	411,448	55.1	16.3	11.6	2.6	16.5	0.8
Production quantity	418,159	491,907	543,306	577,102	663,191	364,096	332,228	58.6	17.6	10.4	6.2	14.9	-8.8
Capacity utilization (1)	80.1	81.0	80.2	83.1	81.9	89.2	80.7	1.8	0.9	-0.8	2.9	-1.1	-8.5
U.S. shipments:													
Quantity	406,927	472,914	536,357	557,271	645,982	348,150	329,848	58.7	16.2	13.4	3.9	15.9	-5.3
Value	543,605	617,119	701,809	698,653	732,007	386,908	362,643	34.7	13.5	13.7	-0.4	4.8	-6.3
Unit value	$1,336	$1,305	$1,308	$1,254	$1,133	$1,111	$1,099	-15.2	-2.3	0.3	-4.2	-9.6	-1.1
Export shipments:													
Quantity	10,192	11,599	10,163	7,676	16,443	9,573	10,282	61.3	13.8	-12.4	-24.5	114.2	7.4
Value	16,388	19,614	17,040	12,620	16,770	9,371	10,847	2.5	19.6	-13.1	-25.9	32.9	15.8
Unit value	$1,608	$1,691	$1,677	$1,644	$1,020	$979	$1,055	-36.5	5.3	-0.8	-1.9	-38.0	7.8
Ending inventory quantity	58,868	68,770	63,797	76,260	80,838	83,994	70,358	37.3	16.8	-7.2	19.5	6.0	-16.2
Inventories/total shipments (1)	14.1	14.2	11.7	13.5	12.2	11.7	10.3	-1.9	0.1	-2.5	1.8	-1.3	-1.4
Production workers	2,271	2,405	2,517	2,662	2,666	2,620	2,511	17.4	5.9	4.7	5.8	0.2	-4.2
Hours worked (1,000s)	3,474	3,742	3,848	3,597	3,844	1,956	1,901	10.7	7.7	2.8	-6.5	6.9	-2.8
Wages paid ($1,000s)	45,989	51,475	57,507	52,829	61,457	31,106	31,113	33.6	11.9	11.7	-8.1	16.3	0.0
Hourly wages	$13.24	$13.76	$14.95	$14.69	$15.99	$15.90	$16.37	20.8	3.9	8.7	-1.7	8.9	2.9
Productivity (tons/1,000 hours)	71.7	81.5	80.0	92.3	106.9	119.0	112.6	49.1	13.7	-1.9	15.4	15.9	-5.3
Unit labor costs	$184.61	$168.77	$186.94	$159.18	$149.52	$133.86	$145.32	-19.0	-8.6	10.8	-14.9	-6.1	8.7
Net commercial sales:													
Quantity	527,118	558,565	610,081	641,031	609,171	329,205	319,340	15.6	6.0	9.2	5.1	-5.0	-3.0
Value	638,100	698,024	722,803	716,958	679,563	359,802	341,525	6.5	9.4	3.5	-0.8	-5.2	-5.1
Unit value	$1,211	$1,250	$1,185	$1,118	$1,116	$1,093	$1,069	-7.8	3.2	-5.2	-5.6	-0.3	-2.1
Cost of goods sold (COGS)	514,171	558,542	589,544	581,480	554,303	291,596	283,277	7.8	8.6	5.6	-1.4	-4.7	-2.9
Gross profit or (loss)	123,929	139,482	133,259	135,478	125,260	68,206	58,248	1.1	12.5	-4.5	1.7	-7.5	-14.6
SG&A expenses	62,170	71,203	71,094	66,454	59,583	32,929	30,640	-4.2	14.5	-0.2	-6.5	-10.3	-7.0
Operating income or (loss)	61,759	68,279	62,165	69,024	65,677	35,277	27,608	6.3	10.6	-9.0	11.0	-4.8	-21.7
Capital expenditures	59,292	31,847	31,379	39,001	26,318	11,236	18,150	-55.6	-46.3	-1.5	24.3	-32.5	61.5
Unit COGS	$975	$1,000	$966	$907	$910	$886	$887	-6.7	2.5	-3.4	-6.1	0.3	0.1
Unit SG&A expenses	$118	$127	$117	$104	$98	$100	$96	-17.1	8.1	-8.6	-11.0	-5.7	-4.1
Unit operating income or (loss)	$117	$122	$102	$108	$108	$107	$86	-8.0	4.3	-16.6	5.7	0.1	-19.3
COGS/sales (1)	80.6	80.0	81.6	81.1	81.6	81.0	82.9	1.0	-0.6	1.5	-0.5	0.5	1.9
Operating income or (loss)/sales (1)	9.7	9.8	8.6	9.6	9.7	9.8	8.1	-0.0	0.1	-1.2	1.0	0.0	-1.7

(1) "Reported data" are in percent and "period changes" are in percentage points.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown.
Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table LONG-C-9

Nails: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data 1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Period changes 1996-00	1996-97	1997-98	1998-99	1999-00	January-June 2000-01
U.S. consumption quantity:													
Amount	1,004,065	1,031,115	1,130,857	1,226,097	1,252,341	638,459	549,862	24.7	2.7	9.7	8.4	2.1	-13.9
Producers' share (1)	59.4	57.8	54.3	49.0	47.5	49.4	48.2	-11.8	-1.5	-3.5	-5.3	-1.5	-1.3
Importers' share (1):													
Canada	9.8	9.0	7.8	7.2	7.4	8.0	8.1	-2.5	-0.8	-1.2	-0.6	0.2	0.1
Mexico	1.1	2.0	2.7	3.7	3.9	4.0	3.8	2.8	0.8	0.7	1.0	0.3	-0.2
All other sources	29.7	31.2	35.2	40.1	41.2	38.6	40.0	11.5	1.5	4.0	4.9	1.0	1.4
Total imports	40.6	42.2	45.7	51.0	52.5	50.6	51.8	11.8	1.5	3.5	5.3	1.5	1.3
U.S. consumption value:													
Amount	1,465,876	1,528,762	1,535,295	1,600,184	1,566,788	799,715	702,825	6.9	4.3	0.4	4.2	-2.1	-12.1
Producers' share (1)	74.6	73.7	71.3	66.4	63.8	65.0	64.2	-10.8	-0.9	-2.4	-4.9	-2.6	-0.8
Importers' share (1):													
Canada	5.2	5.0	5.4	5.3	5.7	6.0	6.2	0.6	-0.1	0.3	-0.1	0.4	0.2
Mexico	0.6	1.0	1.4	2.6	3.2	3.2	2.9	2.5	0.4	0.4	1.2	0.6	-0.3
All other sources	19.6	20.2	21.9	25.7	27.3	25.8	26.7	7.7	0.6	1.7	3.8	1.6	0.9
Total imports	25.4	26.3	28.7	33.6	36.2	35.0	35.8	10.8	0.9	2.4	4.9	2.6	0.8
U.S. imports from:													
Canada:													
Quantity	98,741	92,646	88,087	88,021	92,430	51,021	44,269	-6.4	-6.2	-4.9	-0.1	5.0	-13.2
Value	75,709	77,127	82,399	84,735	89,955	48,073	43,337	18.8	1.9	6.8	2.8	6.2	-9.9
Unit value	$767	$832	$935	$963	$973	$942	$979	26.9	8.6	12.4	2.9	1.1	3.9
Mexico:													
Quantity	11,269	20,169	29,994	44,863	48,998	25,701	20,818	334.8	79.0	48.7	49.6	9.2	-19.0
Value	9,328	15,306	21,716	41,139	49,683	25,390	20,497	432.4	64.1	41.9	89.4	20.7	-19.3
Unit value	$828	$759	$724	$917	$1,014	$988	$985	22.5	-8.3	-4.6	26.6	10.6	-0.3
All other sources:													
Quantity	297,991	321,942	398,334	492,086	515,740	246,200	219,981	73.1	8.0	23.7	23.5	4.8	-10.6
Value	287,174	309,180	336,028	411,712	427,609	208,255	187,524	48.9	7.7	8.7	22.5	3.9	-9.1
Unit value	$964	$960	$844	$837	$829	$838	$852	-14.0	-0.3	-12.2	-0.8	-0.9	1.8
All sources:													
Quantity	408,001	434,756	516,416	624,990	657,168	322,921	285,069	61.1	6.6	18.8	21.0	5.1	-11.7
Value	372,210	401,613	440,143	537,586	567,227	279,718	251,358	52.4	7.9	9.6	22.1	5.5	-10.1
Unit value	$912	$924	$852	$860	$863	$866	$882	-5.4	1.3	-7.7	0.9	0.3	1.8
Inventories/shipments of imports (1)	1.9	0.2	0.1	0.1	0.4	0.3	0.6	-1.5	-1.7	-0.0	-0.0	0.3	0.4
U.S. producers':													
Average capacity quantity	792,267	825,192	840,492	852,364	894,142	452,337	423,655	12.9	4.2	1.9	1.4	4.9	-6.3
Production quantity	601,961	618,245	627,720	617,711	600,481	310,563	253,691	-0.2	2.7	1.5	-1.6	-2.8	-18.3
Capacity utilization (1)	75.3	74.3	74.0	72.3	67.2	68.7	59.9	-8.2	-1.1	-0.3	-1.7	-5.1	-8.8
U.S. shipments:													
Quantity	596,065	596,359	614,441	601,107	595,174	315,536	264,794	-0.1	0.0	3.0	-2.2	-1.0	-16.1
Value	1,093,666	1,127,169	1,095,152	1,062,598	999,561	519,997	451,468	-8.6	3.1	-2.8	-3.0	-5.9	-13.2
Unit value	$1,835	$1,890	$1,782	$1,768	$1,679	$1,648	$1,705	-8.5	3.0	-5.7	-0.8	-5.0	3.5
Export shipments:													
Quantity	12,464	13,526	11,698	9,324	8,783	4,451	3,772	-29.5	8.5	-13.5	-20.3	-5.8	-15.3
Value	34,883	37,802	32,946	28,714	27,702	13,961	12,150	-20.6	8.4	-12.8	-12.8	-3.5	-13.0
Unit value	$2,799	$2,795	$2,816	$3,080	$3,154	$3,137	$3,221	12.7	-0.1	0.8	9.3	2.4	2.7
Ending inventory quantity	63,884	74,655	75,481	82,572	82,155	74,346	67,684	28.6	16.9	1.1	9.4	-0.5	-9.0
Inventories/total shipments (1)	10.5	12.2	12.1	13.5	13.6	11.6	12.6	3.1	1.7	-0.2	1.5	0.1	1.0
Production workers	2,652	2,702	2,684	2,728	2,418	2,515	2,074	-8.8	1.9	-0.7	1.6	-11.4	-17.5
Hours worked (1,000s)	5,560	5,532	5,729	5,652	5,021	2,593	1,988	-9.7	-0.5	3.6	-1.3	-11.2	-23.4
Wages paid ($1,000s)	79,522	80,875	88,318	90,718	81,074	41,605	33,636	2.0	1.7	9.2	2.7	-10.6	-19.2
Hourly wages	$14.30	$14.62	$15.42	$16.05	$16.15	$16.05	$16.94	12.9	2.2	5.4	4.1	0.6	5.5
Productivity (tons/1,000 hours)	108.3	111.8	109.6	109.3	119.6	119.8	127.7	10.5	3.2	-2.0	-0.3	9.4	6.6
Unit labor costs	$132.10	$130.81	$140.70	$146.86	$135.02	$133.97	$132.59	2.2	-1.0	7.6	4.4	-8.1	-1.0
Net commercial sales:													
Quantity	493,127	466,412	486,064	470,635	451,007	241,769	199,804	-8.5	-5.4	4.2	-3.2	-4.2	-17.4
Value	582,299	581,827	602,544	591,909	538,889	285,353	242,450	-7.5	-0.1	3.6	-1.8	-9.0	-15.0
Unit value	$1,181	$1,247	$1,240	$1,258	$1,195	$1,180	$1,213	1.2	5.6	-0.6	1.5	-5.0	2.8
Cost of goods sold (COGS)	417,494	421,793	431,198	420,380	403,101	214,731	186,494	-3.4	1.0	2.2	-2.5	-4.1	-13.1
Gross profit or (loss)	164,805	160,034	171,346	171,529	135,788	70,622	55,956	-17.6	-2.9	7.1	0.1	-20.8	-20.8
SG&A expenses	103,706	108,059	112,371	103,269	94,798	44,148	40,981	-8.6	4.2	4.0	-8.1	-8.2	-7.2
Operating income or (loss)	61,099	51,975	58,975	68,260	40,990	26,474	14,975	-32.9	-14.9	13.5	15.7	-40.0	-43.4
Capital expenditures	12,429	13,015	15,948	24,751	16,984	10,969	2,186	36.6	4.7	22.5	55.2	-31.4	-80.1
Unit COGS	$847	$904	$887	$893	$894	$888	$933	5.6	6.8	-1.9	0.7	0.1	5.1
Unit SG&A expenses	$210	$232	$231	$219	$210	$183	$205	-0.1	10.2	-0.2	-5.1	-4.2	12.3
Unit operating income or (loss)	$124	$111	$121	$145	$91	$110	$75	-26.6	-10.1	8.9	19.5	-37.3	-31.6
COGS/sales (1)	71.7	72.5	71.6	71.0	74.8	75.3	76.9	3.1	0.8	-0.9	-0.5	3.8	1.7
Operating income or (loss)/sales (1)	10.5	8.9	9.8	11.5	7.6	9.3	6.2	-2.9	-1.6	0.9	1.7	-3.9	-3.1

(1) "Reported data" are in percent and "period changes" are in percentage points.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Note.--Unit values calculated based on HTS items where unit of quantity is kilograms.

Table LONG-C-10

Shapes: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

	Reported data							Period changes					
						January-June							January-June
Item	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	6,388,221	7,001,007	8,558,554	7,361,699	8,710,971	4,516,769	3,527,465	36.4	9.6	22.2	-14.0	18.3	-21.9
Producers' share (1)	86.0	86.7	68.5	81.8	78.5	80.2	87.2	-7.5	0.7	-18.3	13.3	-3.3	6.9
Importers' share (1):													
Canada	2.9	2.6	2.5	1.9	2.5	2.7	1.5	-0.4	-0.1	-0.3	-0.6	0.6	-1.2
Mexico	0.6	0.4	0.3	0.2	0.1	0.1	0.0	-0.5	-0.2	-0.1	-0.2	-0.1	-0.1
All other sources	10.5	10.1	26.7	16.2	18.9	16.9	11.3	8.4	-0.4	16.6	-12.6	2.8	-5.6
Total imports	14.0	13.3	31.5	18.2	21.5	19.8	12.8	7.5	-0.7	18.3	-13.3	3.3	-6.9
U.S. consumption value:													
Amount	2,545,963	2,763,656	3,378,296	2,520,502	3,336,863	1,741,548	1,143,260	31.1	8.6	22.2	-25.4	32.4	-34.4
Producers' share (1)	86.6	87.1	70.6	83.1	79.0	80.7	85.2	-7.6	0.5	-16.5	12.5	-4.1	4.5
Importers' share (1):													
Canada	2.7	2.6	2.4	2.0	2.2	2.5	1.7	-0.4	-0.0	-0.2	-0.4	0.2	-0.8
Mexico	0.5	0.4	0.3	0.2	0.1	0.1	0.0	-0.4	-0.1	-0.1	-0.1	-0.1	-0.1
All other sources	10.3	9.9	26.7	14.8	18.7	16.6	13.0	8.4	-0.3	16.8	-11.9	3.9	-3.6
Total imports	13.4	12.9	29.4	16.9	21.0	19.3	14.8	7.6	-0.5	16.5	-12.5	4.1	-4.5
U.S. imports from:													
Canada:													
Quantity	184,398	194,205	215,676	141,446	215,950	123,122	52,549	17.1	5.3	11.1	-34.4	52.7	-57.3
Value	67,750	72,467	82,682	50,672	74,883	43,313	19,344	10.5	7.0	14.0	-38.7	47.8	-55.3
Unit value	$367	$373	$383	$358	$347	$352	$368	-5.6	1.8	2.7	-6.5	-3.2	4.8
Mexico:													
Quantity	39,338	30,910	26,701	11,798	7,982	6,317	1,226	-79.7	-21.4	-13.6	-55.8	-32.3	-80.6
Value	12,495	10,142	9,405	3,833	2,713	2,145	400	-78.3	-18.8	-7.3	-59.2	-29.2	-81.4
Unit value	$318	$328	$352	$325	$340	$340	$326	7.0	3.3	7.3	-7.8	4.6	-4.1
All other sources:													
Quantity	672,179	705,868	2,457,785	1,189,658	1,649,468	763,392	399,097	145.4	5.0	248.2	-51.6	38.7	-47.7
Value	261,075	274,108	902,157	372,012	622,901	289,791	148,970	138.6	5.0	229.1	-58.8	67.4	-48.6
Unit value	$388	$388	$367	$313	$378	$380	$373	-2.8	-0.0	-5.5	-14.8	20.8	-1.7
All sources:													
Quantity	895,916	930,983	2,700,163	1,342,904	1,873,400	892,832	452,874	109.1	3.9	190.0	-50.3	39.5	-49.3
Value	341,320	356,737	994,225	426,518	700,497	335,249	168,714	105.2	4.5	178.7	-57.1	64.2	-49.7
Unit value	$381	$383	$368	$318	$374	$375	$373	-1.9	0.6	-3.9	-13.7	17.7	-0.8
Inventories/shipments of imports (1)	2.8	3.5	5.1	2.6	2.6	4.4	5.7	-0.1	0.7	1.6	-2.5	0.0	1.2
U.S. producers':													
Average capacity quantity	7,078,500	7,222,500	7,813,500	8,366,500	9,484,500	4,749,250	4,751,250	34.0	2.0	8.2	7.1	13.4	0.0
Production quantity	5,758,282	6,108,767	6,181,368	6,259,037	7,314,425	3,823,045	3,111,505	27.0	6.1	1.2	1.3	16.9	-18.6
Capacity utilization (1)	81.3	84.6	79.1	74.8	77.1	80.5	65.5	-4.2	3.2	-5.5	-4.3	2.3	-15.0
U.S. shipments:													
Quantity	5,490,305	6,070,024	5,858,391	6,018,795	6,837,570	3,623,937	3,074,591	24.5	10.6	-3.5	2.7	13.6	-15.2
Value	2,204,643	2,406,919	2,384,073	2,093,984	2,636,365	1,406,299	974,566	19.6	9.2	-0.9	-12.2	25.9	-30.7
Unit value	$402	$397	$407	$348	$386	$388	$317	-4.0	-1.3	2.6	-14.5	10.8	-18.3
Export shipments:													
Quantity	147,982	205,886	155,666	233,703	238,823	118,451	140,788	61.4	39.1	-24.4	50.1	2.2	18.9
Value	60,233	81,750	62,367	81,473	93,826	46,584	50,521	55.8	35.7	-23.7	30.6	15.2	8.5
Unit value	$407	$397	$401	$349	$393	$393	$359	-3.5	-2.4	0.9	-13.0	12.7	-8.8
Ending inventory quantity	634,541	467,397	634,709	641,247	879,280	723,900	780,398	38.6	-26.3	35.8	1.0	37.1	7.8
Inventories/total shipments (1)	11.3	7.4	10.6	10.3	12.4	9.7	12.1	1.2	-3.8	3.1	-0.3	2.2	2.5
Production workers	3,063	3,110	3,259	3,678	3,860	3,878	3,494	26.4	1.9	4.8	12.9	4.9	-9.9
Hours worked (1,000s)	7,118	7,173	7,394	8,414	8,901	4,489	3,957	25.1	0.8	3.1	13.8	5.8	-11.9
Wages paid ($1,000s)	169,354	175,356	187,231	218,948	243,694	125,888	111,133	43.9	3.5	6.8	16.9	11.3	-11.7
Hourly wages	$23.79	$24.45	$25.32	$26.02	$27.38	$28.04	$28.09	15.1	2.7	3.6	2.8	5.2	0.2
Productivity (tons/1,000 hours)	809.0	851.6	836.0	743.9	821.8	851.6	786.4	1.6	5.3	-1.8	-11.0	10.5	-7.7
Unit labor costs	$29.41	$28.71	$30.29	$34.98	$33.32	$32.93	$35.72	13.3	-2.4	5.5	15.5	-4.8	8.5
Net commercial sales:													
Quantity	5,603,691	6,123,046	5,659,555	6,333,148	6,718,470	3,646,395	3,133,961	19.9	9.3	-7.6	11.9	6.1	-14.1
Value	2,242,885	2,448,071	2,227,151	2,237,116	2,535,524	1,422,697	1,059,238	13.0	9.1	-9.0	0.4	13.3	-25.5
Unit value	$400	$400	$394	$353	$377	$390	$338	-5.7	-0.1	-1.6	-10.2	6.8	-13.4
Cost of goods sold (COGS)	1,831,167	1,963,681	1,833,109	1,914,015	2,101,475	1,126,341	958,721	14.8	7.2	-6.6	4.4	9.8	-14.9
Gross profit or (loss)	411,718	484,390	394,042	323,101	434,049	296,356	100,517	5.4	17.7	-18.7	-18.0	34.3	-66.1
SG&A expenses	79,627	102,190	76,588	94,051	110,277	58,259	48,743	38.5	28.3	-25.1	22.8	17.3	-16.3
Operating income or (loss)	332,091	382,200	317,454	229,050	323,772	238,097	51,774	-2.5	15.1	-16.9	-27.8	41.4	-78.3
Capital expenditures	91,284	207,271	672,035	177,222	75,979	27,252	29,484	-16.8	127.1	224.2	-73.6	-57.1	8.2
Unit COGS	$327	$321	$324	$302	$313	$309	$306	-4.3	-1.9	1.0	-6.7	3.5	-1.0
Unit SG&A expenses	$14	$17	$14	$15	$16	$16	$16	15.5	17.5	-18.9	9.7	10.5	-2.7
Unit operating income or (loss)	$59	$62	$56	$36	$48	$65	$17	-18.7	5.3	-10.1	-35.5	33.2	-74.7
COGS/sales (1)	81.6	80.2	82.3	85.6	82.9	79.2	90.5	1.2	-1.4	2.1	3.2	-2.7	11.3
Operating income or (loss)/sales (1)	14.8	15.6	14.3	10.2	12.8	16.7	4.9	-2.0	0.8	-1.4	-4.0	2.5	-11.8

(1) "Reported data" are in percent and "period changes" are in percentage points.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table LONG-C-11

Fabricated: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	1,408,768	1,558,955	1,743,295	1,939,234	2,132,802	977,104	1,047,961	51.4	10.7	11.8	11.2	10.0	7.3
Producers' share (1)	84.6	82.0	79.1	74.3	69.1	71.6	64.7	-15.5	-2.5	-2.9	-4.9	-5.2	-7.0
Importers' share (1):													
Canada	10.2	11.6	14.0	14.3	17.0	17.1	18.9	6.8	1.4	2.4	0.3	2.7	1.8
Mexico	3.2	3.5	3.2	4.0	4.7	4.3	4.6	1.5	0.3	-0.3	0.9	0.6	0.2
All other sources	2.1	2.9	3.7	7.4	9.2	6.9	11.8	7.1	0.8	0.8	3.7	1.8	4.9
Total imports	15.4	18.0	20.9	25.7	30.9	28.4	35.3	15.5	2.5	2.9	4.9	5.2	7.0
U.S. consumption value:													
Amount	1,624,013	1,791,966	2,090,696	2,324,426	2,644,713	1,231,768	1,323,951	62.9	10.3	16.7	11.2	13.8	7.5
Producers' share (1)	81.0	78.8	74.1	70.0	64.4	66.7	59.7	-16.6	-2.2	-4.7	-4.1	-5.6	-7.1
Importers' share (1):													
Canada	12.1	14.1	16.9	16.7	20.2	20.2	22.0	8.1	2.0	2.9	-0.2	3.5	1.7
Mexico	1.9	2.2	2.3	3.7	4.2	3.7	3.7	2.3	0.4	0.0	1.5	0.5	0.0
All other sources	5.0	4.9	6.7	9.5	11.1	9.3	14.7	6.1	-0.2	1.8	2.8	1.6	5.3
Total imports	19.0	21.2	25.9	30.0	35.6	33.3	40.3	16.6	2.2	4.7	4.1	5.6	7.1
U.S. imports from:													
Canada:													
Quantity	143,908	180,611	244,409	277,648	363,587	167,232	198,193	152.7	25.5	35.3	13.6	31.0	18.5
Value	197,055	252,475	354,339	389,307	535,514	249,198	290,731	171.8	28.1	40.3	9.9	37.6	16.7
Unit value	$1,369	$1,398	$1,450	$1,402	$1,473	$1,490	$1,467	7.6	2.1	3.7	-3.3	5.0	-1.6
Mexico:													
Quantity	44,673	54,703	55,272	78,134	99,290	42,439	48,078	122.3	22.5	1.0	41.4	27.1	13.3
Value	30,132	40,112	47,046	87,013	110,922	45,484	49,023	268.1	33.1	17.3	85.0	27.5	7.8
Unit value	$675	$733	$851	$1,114	$1,117	$1,072	$1,020	65.6	8.7	16.1	30.8	0.3	-4.9
All other sources:													
Quantity	28,968	44,522	63,961	143,060	196,073	67,464	123,887	576.9	53.7	43.7	123.7	37.1	83.6
Value	81,307	86,916	139,642	221,080	294,603	115,071	194,283	262.3	6.9	60.7	58.3	33.3	68.8
Unit value	$2,807	$1,952	$2,183	$1,545	$1,503	$1,706	$1,568	-46.5	-30.4	11.8	-29.2	-2.8	-8.1
All sources:													
Quantity	217,550	279,836	363,642	498,842	658,950	277,135	370,158	202.9	28.6	29.9	37.2	32.1	33.6
Value	308,495	379,502	541,027	697,400	941,039	409,753	534,036	205.0	23.0	42.6	28.9	34.9	30.3
Unit value	$1,418	$1,356	$1,488	$1,398	$1,428	$1,479	$1,443	0.7	-4.4	9.7	-6.0	2.1	-2.4
Inventories/shipments of imports (1)	0.2	0.2	0.1	0.1	0.1	0.0	0.0	-0.1	0.0	-0.1	0.0	-0.0	-0.0
U.S. producers':													
Average capacity quantity	1,309,366	1,385,591	1,533,893	1,569,335	1,616,143	802,297	809,201	23.4	5.8	10.7	2.3	3.0	0.9
Production quantity	1,204,949	1,283,654	1,392,998	1,435,445	1,484,308	730,915	694,517	23.2	6.5	8.5	3.0	3.4	-5.0
Capacity utilization (1)	90.1	90.9	89.0	89.5	89.4	88.2	83.3	-0.7	0.8	-1.9	0.6	-0.1	-4.9
U.S. shipments:													
Quantity	1,191,216	1,279,119	1,379,653	1,440,392	1,473,852	699,969	677,603	23.7	7.4	7.9	4.4	2.3	-3.2
Value	1,315,519	1,412,463	1,549,869	1,627,026	1,703,674	822,015	789,915	29.5	7.4	9.7	5.0	4.7	-3.9
Unit value	$1,111	$1,110	$1,130	$1,138	$1,165	$1,184	$1,174	4.9	-0.0	1.8	0.8	2.5	-0.9
Export shipments:													
Quantity	8,843	6,822	2,626	3,628	2,738	1,197	4,854	-69.0	-22.9	-61.5	38.2	-24.5	305.5
Value	11,313	8,424	2,439	2,954	2,137	940	8,338	-81.1	-25.5	-71.0	21.1	-27.7	787.0
Unit value	$1,279	$1,235	$929	$814	$780	$785	$1,718	-39.0	-3.5	-24.8	-12.3	-4.1	118.7
Ending inventory quantity	63,361	62,238	74,021	67,065	76,655	95,930	87,140	21.0	-1.8	18.9	-9.4	14.3	-9.2
Inventories/total shipments (1)	5.3	4.8	5.4	4.6	5.2	6.8	6.4	-0.1	-0.4	0.5	-0.7	0.5	-0.5
Production workers	4,573	4,455	4,685	4,728	4,952	4,560	4,552	8.3	-2.6	5.2	0.9	4.7	-0.2
Hours worked (1,000s)	9,570	9,536	9,951	10,335	10,682	5,157	5,108	11.6	-0.4	4.4	3.9	3.4	-1.0
Wages paid ($1,000s)	151,330	164,053	174,147	179,759	190,266	91,859	92,841	25.7	8.4	6.2	3.2	5.8	1.1
Hourly wages	$15.81	$17.20	$17.50	$17.39	$17.81	$17.81	$18.18	12.6	8.8	1.7	-0.6	2.4	2.0
Productivity (tons/1,000 hours)	125.6	134.3	139.7	138.4	138.2	141.0	135.4	10.0	6.9	4.0	-0.9	-0.2	-3.9
Unit labor costs	$125.85	$128.05	$125.29	$125.67	$128.88	$126.37	$134.26	2.4	1.7	-2.2	0.3	2.6	6.2
Net commercial sales:													
Quantity	1,034,965	1,125,385	1,220,913	1,285,129	1,287,843	594,132	575,742	24.4	8.7	8.5	5.3	0.2	-3.1
Value	1,077,556	1,188,352	1,338,845	1,400,146	1,454,099	678,380	632,353	34.9	10.3	12.7	4.6	3.9	-6.8
Unit value	$988	$1,001	$1,049	$1,043	$1,072	$1,065	$1,039	8.5	1.3	4.8	-0.6	2.8	-4.2
Cost of goods sold (COGS)	795,880	901,136	1,018,455	1,029,528	1,096,636	517,729	474,909	37.8	13.2	13.0	1.1	6.5	-8.3
Gross profit or (loss)	281,676	287,216	320,390	370,618	357,463	160,651	157,444	26.9	2.0	11.6	15.7	-3.5	-2.0
SG&A expenses	120,316	125,203	131,667	144,195	148,621	68,232	64,730	23.5	4.1	5.2	9.5	3.1	-5.1
Operating income or (loss)	161,360	162,013	188,723	226,423	208,842	92,419	92,714	29.4	0.4	16.5	20.0	-7.8	0.3
Capital expenditures	10,982	19,124	12,163	14,245	18,969	8,173	8,500	72.7	74.1	-36.4	17.1	33.2	4.0
Unit COGS	$725	$756	$795	$765	$807	$828	$782	11.3	4.3	5.2	-3.8	5.5	-5.6
Unit SG&A expenses	$110	$105	$102	$107	$108	$109	$105	-1.8	-4.5	-2.9	4.9	0.9	-3.7
Unit operating income or (loss)	$153	$140	$151	$172	$156	$149	$152	2.0	-8.5	7.9	13.9	-9.3	2.0
COGS/sales (1)	73.9	75.8	76.1	73.5	75.4	76.3	75.1	1.6	2.0	0.2	-2.5	1.9	-1.2
Operating income or (loss)/sales (1)	15.0	13.6	14.1	16.2	14.4	13.6	14.7	-0.6	-1.3	0.5	2.1	-1.8	1.0

(1) "Reported data" are in percent and "period changes" are in percentage points.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

CARBON AND ALLOY TUBULAR PRODUCTS

Table TUBULAR-C-1
Tubular products: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons; value=1,000 dollars; unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data 1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Period changes 1996-00	1996-97	1997-98	1998-99	1999-00	January-June 2000-01
U.S. consumption quantity:													
Amount	9,893,464	11,193,178	10,960,327	9,833,550	11,696,129	6,045,193	6,593,033	18.2	13.1	-2.1	-10.3	18.9	9.1
Producers' share (1)	76.2	74.5	69.1	71.4	65.4	65.2	64.0	-10.8	-1.7	-5.4	2.3	-6.0	-1.2
Importers' share (1):													
Canada	7.3	6.5	7.8	8.5	9.0	10.4	7.1	1.7	-0.8	1.3	0.7	0.5	-3.3
Mexico	1.8	2.0	2.3	2.4	2.1	2.1	2.4	0.3	0.1	0.3	0.1	-0.3	0.2
All other sources	14.7	17.0	20.8	17.8	23.5	22.3	26.5	8.8	2.3	3.8	-3.0	5.8	4.2
Total imports	23.8	25.5	30.9	28.6	34.6	34.8	36.0	10.8	1.7	5.4	-2.3	6.0	1.2
U.S. consumption value:													
Amount	7,180,582	8,155,227	8,082,546	6,567,158	7,914,468	4,036,341	4,434,453	10.5	13.9	-1.1	-18.5	20.5	9.9
Producers' share (1)	75.3	74.9	69.7	71.9	66.3	66.6	65.4	-9.0	-0.4	-5.2	2.2	-5.6	-1.2
Importers' share (1):													
Canada	6.7	6.1	7.0	7.7	8.4	9.7	6.4	1.7	-0.6	0.9	0.7	0.8	-3.4
Mexico	1.6	1.7	2.2	2.2	2.2	2.1	2.6	0.6	0.2	0.5	-0.0	-0.0	0.5
All other sources	16.5	17.3	21.0	18.1	23.1	21.6	25.6	6.7	0.8	3.8	-2.9	5.0	4.1
Total imports	24.7	25.1	30.3	28.1	33.7	33.4	34.6	9.0	0.4	5.2	-2.2	5.6	1.2
U.S. imports from:													
Canada:													
Quantity	722,504	732,311	855,036	833,269	1,049,639	628,068	467,224	45.3	1.4	16.8	-2.5	26.0	-25.4
Value	476,738	496,858	567,174	508,696	662,872	392,910	282,556	39.0	4.2	14.2	-10.3	30.3	-28.1
Unit value	$660	$678	$663	$610	$632	$626	$595	-4.3	2.8	-2.2	-8.0	3.4	-5.2
Mexico:													
Quantity	178,891	218,654	248,286	231,523	245,641	127,372	154,951	37.3	22.2	13.6	-6.8	6.1	21.7
Value	112,352	141,656	178,649	144,556	172,198	86,242	115,302	53.3	26.1	26.1	-19.1	19.1	33.7
Unit value	$628	$648	$720	$624	$701	$677	$684	11.6	3.2	11.1	-13.2	12.3	1.0
All other sources:													
Quantity	1,451,238	1,899,884	2,279,925	1,745,807	2,750,492	1,347,517	1,749,271	89.5	30.9	20.0	-23.4	57.5	29.8
Value	1,178,899	1,406,935	1,693,518	1,191,642	1,829,378	870,907	1,136,932	55.2	19.3	20.4	-29.6	53.5	30.5
Unit value	$812	$741	$743	$683	$665	$646	$648	-18.1	-8.8	0.3	-8.1	-2.6	-0.0
All sources:													
Quantity	2,352,634	2,850,849	3,383,247	2,810,599	4,045,772	2,100,957	2,371,446	72.0	21.2	18.7	-16.9	43.9	12.9
Value	1,767,989	2,045,448	2,439,341	1,844,894	2,664,448	1,350,059	1,534,790	50.7	15.7	19.3	-24.4	44.4	13.7
Unit value	$751	$717	$721	$656	$659	$643	$638	-12.4	-4.5	0.5	-9.0	0.3	-0.6
Inventories/shipments of imports (1)	5.3	6.5	7.1	3.9	3.0	2.5	3.4	-2.3	1.2	0.6	-3.2	-0.9	0.9
U.S. producers':													
Average capacity quantity	12,132,952	12,529,823	13,011,540	13,303,223	14,010,704	7,449,850	7,452,208	15.5	3.3	3.8	2.2	5.3	0.0
Production quantity	8,063,467	9,079,268	8,291,494	7,375,458	8,343,911	4,280,736	4,469,585	3.5	12.6	-8.7	-11.0	13.1	4.4
Capacity utilization (1)	65.9	71.9	63.2	54.9	59.0	56.9	59.5	-6.9	6.0	-8.7	-8.3	4.2	2.5
U.S. shipments:													
Quantity	7,540,830	8,342,329	7,577,080	7,022,951	7,650,357	3,944,236	4,221,587	1.5	10.6	-9.2	-7.3	8.9	7.0
Value	5,392,593	6,109,779	5,623,205	4,722,264	5,250,020	2,686,262	2,899,663	-2.6	13.3	-8.0	-16.0	11.2	7.9
Unit value	$715	$732	$742	$672	$686	$681	$687	-4.0	2.4	1.3	-9.4	2.1	0.9
Export shipments:													
Quantity	460,306	683,906	702,019	367,124	449,365	200,832	206,581	-2.4	48.6	2.6	-47.7	22.4	2.9
Value	379,023	532,849	548,120	261,816	336,030	149,201	157,120	-11.3	40.6	2.9	-52.2	28.3	5.3
Unit value	$823	$779	$781	$713	$748	$743	$761	-9.2	-5.4	0.2	-8.7	4.9	2.4
Ending inventory quantity	1,108,236	1,153,164	1,153,575	1,126,224	1,264,762	1,326,687	1,278,508	14.1	4.1	0.0	-2.4	12.3	-3.6
Inventories/total shipments (1)	13.9	12.8	13.9	15.2	15.6	16.0	14.4	1.8	-1.1	1.2	1.3	0.4	-1.6
Production workers	15,771	17,146	16,460	15,262	15,957	15,717	16,243	1.2	8.7	-4.0	-7.3	4.6	3.3
Hours worked (1,000s)	35,341	38,798	36,221	33,256	36,291	18,548	18,616	2.7	9.8	-6.6	-8.2	9.1	0.4
Wages paid ($1,000s)	600,436	681,841	641,762	585,040	643,166	325,367	341,535	7.1	13.6	-5.9	-8.8	9.9	5.0
Hourly wages	$16.99	$17.57	$17.72	$17.59	$17.72	$17.54	$18.35	4.3	3.4	0.8	-0.7	0.7	4.6
Productivity (tons/1,000 hours)	228.2	234.0	228.9	221.8	229.9	230.8	240.1	0.8	2.6	-2.2	-3.1	3.7	4.0
Unit labor costs	$74.47	$75.10	$77.40	$79.32	$77.06	$76.01	$76.41	3.5	0.8	3.1	2.5	-2.8	0.5
Net commercial sales:													
Quantity	7,824,116	8,851,059	8,044,110	7,275,446	8,093,154	4,139,331	4,358,479	3.4	13.1	-9.1	-9.6	11.2	5.3
Value	5,775,566	6,613,589	6,093,281	4,939,220	5,609,674	2,794,434	3,053,308	-2.9	14.5	-7.9	-18.9	13.6	9.3
Unit value	$738	$744	$755	$676	$691	$673	$698	-6.1	1.1	1.5	-10.5	2.2	3.7
Cost of goods sold (COGS)	4,888,852	5,553,950	5,190,086	4,337,784	4,854,063	2,450,230	2,558,520	-0.7	13.7	-6.6	-16.4	11.9	4.4
Gross profit or (loss)	886,714	1,059,639	903,195	601,436	755,611	344,204	494,788	-15.0	19.2	-14.8	-33.4	25.6	43.7
SG&A expenses	376,278	411,817	428,628	430,308	426,816	213,716	224,132	12.8	8.9	4.1	0.4	-0.8	4.9
Operating income or (loss)	510,436	647,822	474,567	171,128	328,795	130,488	270,656	-35.6	26.9	-26.7	-63.9	92.1	107.4
Capital expenditures	131,924	273,912	416,523	229,081	192,764	91,506	64,850	46.1	107.6	52.1	-45.0	-15.9	-29.1
Unit COGS	$623	$626	$643	$594	$598	$590	$585	-4.0	0.5	2.7	-7.6	0.7	-0.8
Unit SG&A expenses	$48	$46	$53	$59	$52	$51	$51	8.3	-4.2	15.2	11.3	-11.9	0.0
Unit operating income or (loss)	$65	$73	$59	$23	$40	$31	$62	-38.5	12.3	-19.2	-61.0	73.9	100.0
COGS/sales (1)	84.6	84.0	85.2	87.8	86.5	87.7	83.8	1.9	-0.6	1.2	2.6	-1.3	-3.9
Operating income or (loss)/sales (1)	8.8	9.8	7.8	3.5	5.9	4.7	8.9	-3.0	1.0	-2.0	-4.3	2.4	4.2

(1) "Reported data" are in percent and "period changes" are in percentage points.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Note.--Import unit values are calculated based on HTS items where unit of quantity is kilograms.

Table TUBULAR-C-2

Seamless: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data 1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Period changes 1996-00	1996-97	1997-98	1998-99	1999-00	January-June 2000-01
U.S. consumption quantity:													
Amount	1,373,136	1,483,425	1,543,650	1,102,386	1 314,523	701,241	688,616	-4.3	8.0	4 1	-28 6	19.2	-1.8
Producers' share (1)	67.6	68.3	57.1	63.1	57.2	59 0	56 3	-10.4	0.7	-11 2	5.9	-5.9	-2.6
Importers' share (1):													
Canada	1.2	1.7	2.1	1.8	1 0	1 1	1.0	-0.2	0.5	0.4	-0.3	-0.8	-0.2
Mexico	3.7	3.6	5.0	1.9	2 1	1 3	6.1	-1.7	-0.2	1.5	-3.1	0.2	4.8
All other sources	27.5	26.4	35.7	33.3	39 7	38.6	36.6	12.3	-1.1	9.3	-2.5	6.5	-2.0
Total imports	32.4	31 7	42.9	36.9	42 8	41.0	43.7	10.4	-0 7	11 2	-5.9	5.9	2.6
U.S. consumption value:													
Amount	1,346,939	1,348,216	1,449,067	1,026,465	1,203,670	625,368	623,936	-10.6	0 1	7.5	-29.2	17.3	-0.2
Producers' share (1)	66 0	67 4	57.1	61.5	57 5	58.8	57.0	-8.5	1.4	-10.3	4.4	-4.0	-1 8
Importers' share (1):													
Canada	1.5	1 8	2.1	1.9	1.3	1.4	1.6	-0.2	0 3	0.4	-0.2	-0.6	0.2
Mexico	2 5	2.4	3.7	1.6	1.8	1.3	4.6	-0.7	-0.2	1.3	-2.1	0.2	3 2
All other sources	30 0	28.5	37.1	35.0	39 4	38.4	36.8	9.4	-1.5	8.6	-2.2	4.4	-1.7
Total imports	34 0	32.6	42.9	38.5	42.5	41.2	43.0	8.5	-1.4	10.3	-4.4	4.0	1.8
U.S. imports from:													
Canada:													
Quantity	16,382	25 104	32,270	19,384	13,083	7,899	6,704	-20.1	53.2	28.5	-39.9	-32.5	-15 1
Value	19,888	23 770	30,798	20,013	15,818	8,899	10,102	-20.5	19.5	29.6	-35.0	-21.0	13 5
Unit value	$1,214	$947	$954	$1,032	$1,209	$1,127	$1,507	-0.4	-22.0	0.8	8.2	17.1	33.8
Mexico:													
Quantity	51,307	53,120	77,696	21,129	27,329	9,252	41,900	-46.7	3.5	46.3	-72.8	29.3	352.9
Value	34,218	31,814	53,519	16,398	21,908	8,282	28,519	-36.0	-7.0	68.2	-69.4	33.6	244.4
Unit value	$667	$599	$689	$776	$802	$895	$681	20 2	-10.2	15 0	12.7	3.3	-24.0
All other sources:													
Quantity	377,186	391,528	551,562	366,620	522,509	270,667	251,996	38.5	3.8	40.9	-33.5	42.5	-6.9
Value	404,378	384,273	538,041	358,827	474,192	240,401	229,487	17.3	-5.0	40.0	-33.3	32.2	-4.5
Unit value	$1,072	$981	$975	$979	$908	$888	$911	-15.3	-8.5	-0 6	0.3	-7.3	2.5
All sources:													
Quantity	444,874	469,751	661,528	407,134	562,920	287,818	300,600	26 5	5.6	40 8	-38 5	38.3	4.4
Value	458,484	439,857	622,358	395,238	511,916	257,581	268 108	11 7	-4 1	41.5	-36 5	29.5	4 1
Unit value	$1,031	$936	$941	$971	$909	$895	$892	-11 8	-9.1	0 5	3.2	-6.3	-0 3
Inventories/shipments of imports (1)	2.7	3.7	2.5	3.6	3.3	3.2	3.3	0.6	1.0	-1 3	1.2	-0.4	0.1
U.S. producers':													
Average capacity quantity	1,533,115	1,573,084	1,550,628	1,566,852	1,462 119	732,298	688,167	-4 6	2 6	1.4	1 0	-6.7	-6.0
Production quantity	1,045 700	1,010,774	937,932	746,838	839,701	448,868	404,993	-19.7	-3.3	-7.2	-20.4	12.4	-9 8
Capacity utilization (1)	68.2	64.3	60.5	47.7	57.4	61.3	58.9	-10.8	-4.0	-3.8	-12 8	9.8	-2 4
U.S. shipments:													
Quantity	928,282	1,013,674	882,122	695,252	751,609	413,422	388,018	-19.0	9.2	-13.0	-21.2	8.1	-6.1
Value	888,455	908,359	826,711	631,227	691,754	367,787	355,828	-22.1	2.2	-9.0	-23.6	9.6	-3.3
Unit value	$957	$896	$937	$908	$920	$890	$917	-3.8	-6.4	4 6	-3.1	1.4	3.1
Export shipments:													
Quantity	70,728	59,189	62,045	61,671	85,652	33,634	24,693	21.1	-16.3	4.8	-0 6	38.9	-26 6
Value	52,234	52,256	56,295	39,959	65,036	25,601	19,633	24.5	0.0	7.7	-29.0	62.8	-23.3
Unit value	$739	$883	$907	$648	$759	$761	$795	2.8	19.5	2.8	-28.6	17.2	4.5
Ending inventory quantity	127,003	107,286	95,711	85,626	93,954	213,016	89,692	-26.0	-15.5	-10.8	-10.5	9.7	-57.9
Inventories/total shipments (1)	12.7	10 0	10 1	11.3	11.2	23 8	10.9	-1.5	-2.7	0.1	1 2	-0.1	-13.0
Production workers	2,557	2,545	2,533	2,351	2,313	2,344	2,278	-9.5	-0.4	0.5	-7 2	-1.6	-2.8
Hours worked (1,000s)	4,971	4,930	4,890	4,412	4,553	2,454	2,307	-8.4	-0 8	-0.8	-9.8	3.2	-6.0
Wages paid ($1,000s)	120,859	123,358	124,495	111,185	113,080	56,533	54,119	-6.4	2 1	0.9	-10 7	1.7	-4.3
Hourly wages	$24.31	$25.02	$25.46	$25.20	$24.84	$23.04	$23.46	2.2	2.9	1.7	-1.0	-1.4	1 8
Productivity (tons/1,000 hours)	210.4	205 0	191.8	169.3	184.4	182 9	175.5	-12.3	-2.5	-6.4	-11.7	8.9	-4.0
Unit labor costs	$115.58	$122 04	$132.73	$148 83	$134.67	$125.96	$133 63	16.5	5.6	8.8	12.1	-9.5	6.1
Net commercial sales:													
Quantity	1,000,223	1,091,233	912,154	782,651	844,123	446,465	411,263	-15.6	9.1	-16.4	-14.2	7.9	-7.9
Value	940,505	973,797	857,088	681,657	760,803	392,006	372,415	-19.1	3.5	-12.0	-20.5	11.6	-5.0
Unit value	$940	$892	$940	$871	$901	$878	$906	-4.1	-5.1	5 3	-7.3	3.5	3.1
Cost of goods sold (COGS)	720,228	733,125	692,846	580,674	626,831	331,107	300,900	-13.0	1.8	-5 5	-16 2	7.9	-9.1
Gross profit or (loss)	220,277	240,672	164,242	100,983	133,972	60,899	71,515	-39.2	9.3	-31.8	-38 5	32.7	17.4
SG&A expenses	64,340	64,894	62,890	60,736	53,461	26,247	24,729	-16.9	0.9	-3 1	-3 4	-12.0	-5.8
Operating income or (loss)	155,937	175,778	101,352	40,247	80,511	34,652	46,786	-48.4	12.7	-42.3	-60.3	100.0	35.0
Capital expenditures	25,682	50,402	74,722	42,994	20,047	8,416	5,840	-21.9	96.3	48.3	-42 5	-53.4	-30.6
Unit COGS	$720	$672	$760	$742	$743	$742	$732	3.1	-6.7	13.1	-2.3	0.1	-1.3
Unit SG&A expenses	$64	$59	$69	$78	$63	$59	$60	-1.5	-7 6	15.9	12 6	-18.4	2.3
Unit operating income or (loss)	$156	$161	$111	$51	$95	$78	$114	-38.8	3.3	-31.0	-53.7	85.5	46.6
COGS/sales (1)	76.6	75 3	80.8	85.2	82.4	84.5	80.8	5.8	-1.3	5.6	4.3	-2.8	-3.7
Operating income or (loss)/sales (1)	16.6	18 1	11.8	5.9	10.6	8.8	12.6	-6.0	1.5	-6.2	-5.9	4.7	3.7

(1) "Reported data" are in percent and "period changes" are in percentage points.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table TUBULAR-C-3
Seamless OCTG: *Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001*

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	1,349,081	1,662,892	1,161,767	707,951	1,619,711	773,246	1,018,599	20.1	23.3	-30.1	-39.1	128.8	31.7
Producers' share (1)	87.4	83.1	81.7	85.8	70.0	69.9	69.8	-17.4	-4.3	-1.4	4.1	-15.9	-0.1
Importers' share (1):													
Canada	0.1	0.1	0.0	0.1	0.1	0.0	0.1	-0.0	0.0	-0.1	0.1	-0.1	0.0
Mexico	0.9	0.8	0.1	0.2	0.1	0.1	0.3	-0.8	-0.2	-0.7	0.1	-0.0	0.1
All other sources	11.6	16.0	18.2	13.9	29.8	29.9	29.8	18.2	4.4	2.1	-4.3	16.0	-0.1
Total imports	12.6	16.9	18.3	14.2	30.0	30.1	30.2	17.4	4.3	1.4	-4.1	15.9	0.1
U.S. consumption value:													
Amount	1,074,999	1,392,940	1,097,752	560,089	1,236,132	563,580	896,805	15.0	29.6	-21.2	-49.0	120.7	59.1
Producers' share (1)	84.3	82.6	81.6	82.8	69.5	70.4	69.6	-14.8	-1.6	-1.0	1.1	-13.3	-0.8
Importers' share (1):													
Canada	0.1	0.4	0.1	0.1	0.0	0.0	0.6	-0.1	0.2	-0.3	0.1	-0.1	0.6
Mexico	0.3	0.3	0.1	0.1	0.1	0.1	0.4	-0.2	0.0	-0.2	-0.0	-0.0	0.4
All other sources	15.3	16.7	18.2	17.0	30.4	29.5	29.3	15.0	1.4	1.5	-1.2	13.4	-0.1
Total imports	15.7	17.4	18.4	17.2	30.5	29.6	30.4	14.8	1.6	1.0	-1.1	13.3	0.8
U.S. imports from:													
Canada:													
Quantity	904	1,910	529	772	827	299	732	-8.6	111.3	-72.3	45.7	7.1	144.8
Value	1,363	5,011	1,009	818	599	179	5,299	-56.0	267.6	-79.9	-18.9	-28.8	2865.3
Unit value	$1,508	$2,624	$1,906	$1,061	$725	$597	$842	-51.9	74.0	-27.4	-44.3	-31.6	41.1
Mexico:													
Quantity	12,747	12,948	1,389	1,377	2,357	1,012	2,702	-81.5	1.6	-89.3	-0.8	71.1	167.0
Value	2,989	4,468	1,117	565	1,202	484	3,958	-59.8	49.5	-75.0	-49.4	112.6	717.0
Unit value	$234	$345	$804	$410	$510	$479	$408	117.5	47.2	133.0	-49.0	24.3	-14.8
All other sources:													
Quantity	156,548	268,463	211,043	98,325	483,467	231,237	303,899	208.8	70.2	-20.8	-53.4	391.7	31.4
Value	164,835	232,543	199,592	95,128	375,568	166,003	262,958	127.8	41.1	-14.2	-52.3	294.8	58.4
Unit value	$1,053	$873	$946	$967	$777	$718	$863	-26.2	-17.1	8.4	2.3	-19.7	20.3
All sources:													
Quantity	170,199	281,321	212,962	100,474	486,650	232,548	307,333	185.9	65.3	-24.3	-52.8	384.4	32.2
Value	169,187	242,023	201,718	96,512	377,369	166,666	272,215	123.0	43.1	-16.7	-52.2	291.0	63.3
Unit value	$994	$860	$947	$961	$775	$717	$859	-22.0	-13.5	10.1	1.4	-19.3	19.9
Inventories/shipments of imports (1)	14.2	23.9	45.7	11.7	2.2	3.7	4.9	-12.0	9.8	21.8	-34.0	-9.5	1.2
U.S. producers':													
Average capacity quantity	1,923,098	1,934,443	1,958,411	1,796,732	1,972,462	937,330	984,089	2.6	0.6	1.2	-8.2	9.7	5.0
Production quantity	1,297,681	1,520,159	1,085,144	686,963	1,389,983	666,127	826,878	7.1	17.1	-28.6	-36.5	101.8	24.1
Capacity utilization (1)	67.5	78.6	55.4	38.3	70.5	71.1	84.0	3.0	11.1	-23.2	-17.1	32.2	13.0
U.S. shipments:													
Quantity	1,178,882	1,381,571	948,805	607,477	1,133,061	540,698	711,266	-3.9	17.2	-31.3	-36.0	86.5	31.5
Value	905,812	1,150,917	898,034	463,577	858,763	396,914	624,590	-5.2	27.1	-22.1	-48.3	85.2	57.4
Unit value	$768	$833	$944	$763	$758	$734	$878	-1.4	8.4	13.4	-19.2	-0.7	19.6
Export shipments:													
Quantity	137,476	151,523	131,429	51,417	136,889	56,202	89,586	-0.4	10.2	-13.3	-60.9	166.2	59.4
Value	131,387	141,486	118,562	46,078	108,052	43,472	72,284	-17.8	7.7	-16.2	-61.1	134.5	66.3
Unit value	$956	$934	$902	$896	$789	$773	$807	-17.4	-2.3	-3.4	-0.7	-11.9	4.3
Ending inventory quantity	153,273	148,610	129,729	115,906	179,454	157,163	180,693	17.1	-3.0	-12.7	-10.7	54.8	15.0
Inventories/total shipments (1)	11.6	9.7	12.0	17.6	14.1	13.2	11.3	2.5	-2.0	2.3	5.6	-3.5	-1.9
Production workers	2,448	2,702	2,457	1,914	2,559	2,407	2,769	4.5	10.4	-9.1	-22.1	33.7	15.0
Hours worked (1,000s)	5,344	6,108	5,220	3,928	5,869	2,851	3,498	9.8	14.3	-14.5	-24.8	49.4	22.7
Wages paid ($1,000s)	102,479	117,799	101,408	80,380	115,507	54,173	70,540	12.7	14.9	-13.9	-20.7	43.7	30.2
Hourly wages	$19.18	$19.29	$19.43	$20.46	$19.68	$19.00	$20.17	2.6	0.6	0.7	5.3	-3.8	6.1
Productivity (tons/1,000 hours)	242.8	248.9	207.9	175.4	236.8	233.6	236.4	-2.5	2.5	-16.5	-15.6	35.0	1.2
Unit labor costs	$78.97	$77.49	$93.45	$116.67	$83.10	$81.33	$85.31	5.2	-1.9	20.6	24.8	-28.8	4.9
Net commercial sales:													
Quantity	1,341,367	1,497,205	1,045,570	723,495	1,286,321	598,340	800,441	-4.1	11.6	-30.2	-30.8	77.8	33.8
Value	1,049,750	1,258,694	982,003	541,116	1,023,681	429,023	704,526	-2.5	20.9	-22.8	-44.9	89.2	64.2
Unit value	$778	$840	$932	$741	$790	$711	$873	1.5	8.0	11.0	-20.5	6.6	22.8
Cost of goods sold (COGS)	946,924	1,112,423	862,388	581,835	878,443	385,053	563,623	-7.2	17.5	-22.5	-32.5	51.0	46.4
Gross profit or (loss)	102,826	156,471	119,615	(40,719)	145,238	43,970	140,903	41.2	52.2	-23.6	(2)	(2)	220.5
SG&A expenses	45,679	58,483	52,584	43,599	54,811	24,194	33,591	20.0	28.0	-10.1	-17.1	25.7	38.8
Operating income or (loss)	57,147	97,988	67,031	(84,318)	90,427	19,776	107,312	58.2	71.5	-31.6	(2)	(2)	442.6
Capital expenditures	16,507	31,314	63,610	38,767	22,212	11,657	12,411	34.6	89.7	103.1	-39.1	-42.7	6.5
Unit COGS	$706	$738	$820	$799	$679	$639	$700	-3.4	5.0	11.1	-2.6	-15.0	9.5
Unit SG&A expenses	$33	$38	$49	$59	$42	$40	$41	27.3	15.2	28.9	20.4	-28.8	2.5
Unit operating income or (loss)	$42	$64	$63	($117)	$69	$33	$132	64.3	52.4	-1.6	(2)	(2)	300.0
COGS/sales (1)	90.2	87.7	87.8	107.5	85.8	89.8	80.0	-4.4	-2.5	0.2	19.7	-21.7	-9.8
Operating income or (loss)/sales (1)	5.4	7.7	6.8	(15.6)	6.8	4.6	15.2	3.4	2.3	-0.9	-22.4	24.4	10.6

(1) "Reported data" are in percent and "period changes" are in percentage points.
(2) Undefined.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics

Note.--Import unit values are calculated based on HTS items where unit of quantity is kilograms.

Table TUBULAR-C-4

Welded: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton, period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	6,007,988	6,494,375	7,140,842	7,111,385	7,167,421	3,835,694	3,841,952	19.3	8.1	10.0	-0.4	0.8	0.2
Producers' share (1)	73.8	71.3	68.3	70.2	63.3	62.5	63.2	-10.5	-2.5	-3.0	1.9	-6.9	0.7
Importers' share (1):													
Canada	11.5	10.6	11.3	11.3	14.2	15.9	11.6	2.7	-0.9	0.7	-0.1	2.9	-4.3
Mexico	1.6	2.0	2.0	2.6	2.6	2.7	2.5	1.0	0.4	-0.1	0.6	0.0	-0.1
All other sources	13.1	16.1	18.4	15.9	19.8	18.9	22.7	6.7	3.0	2.3	-2.5	4.0	3.8
Total imports	26.2	28.7	31.7	29.8	36.7	37.5	36.8	10.5	2.5	3.0	-1.9	6.9	-0.7
U.S. consumption value:													
Amount	3,585,164	3,939,029	4,313,774	4,009,688	4,034,897	2,158,004	2,040,664	12.5	9.9	9.5	-7.0	0.6	-5.4
Producers' share (1)	75.0	73.0	70.4	73.4	66.3	65.6	64.8	-8.8	-1.9	-2.6	3.0	-7.1	-0.7
Importers' share (1):													
Canada	11.5	10.5	11.1	10.8	14.2	16.1	11.0	2.7	-0.9	0.6	-0.3	3.4	-5.1
Mexico	1.3	1.8	1.8	2.3	2.7	2.7	2.7	1.4	0.5	0.0	0.5	0.4	0.0
All other sources	12.3	14.7	16.7	13.4	16.8	15.6	21.5	4.5	2.4	2.1	-3.3	3.3	5.8
Total imports	25.0	27.0	29.6	26.6	33.7	34.4	35.2	8.6	1.9	2.6	-3.0	7.1	0.7
U.S. imports from:													
Canada:													
Quantity	689,518	687,490	809,348	800,826	1,017,378	610,225	444,852	47.5	-0.3	17.7	-1.1	27.0	-27.1
Value	411,297	414,909	478,666	432,725	572,980	348,461	225,356	39.3	0.9	15.4	-9.6	32.4	-35.3
Unit value	$597	$604	$591	$540	$563	$571	$507	-5.6	1.2	-2.0	-8.6	4.2	-11.3
Mexico:													
Quantity	97,125	132,387	141,126	186,439	189,145	102,122	96,699	94.7	36.3	6.6	32.1	1.5	-5.3
Value	45,614	69,785	77,158	93,659	109,170	57,318	54,263	139.3	53.0	10.6	21.4	16.6	-5.3
Unit value	$470	$527	$547	$502	$577	$561	$561	22.9	12.2	3.7	-8.1	14.9	-0.0
All other sources:													
Quantity	786,151	1,044,087	1,310,998	1,128,570	1,420,685	724,859	870,944	80.7	32.8	25.6	-13.9	25.9	20.2
Value	440,457	577,544	720,997	538,635	676,370	337,158	437,864	53.6	31.1	24.8	-25.3	25.6	29.9
Unit value	$560	$553	$550	$477	$476	$465	$503	-15.0	-1.3	-0.6	-13.2	-0.2	8.1
All sources:													
Quantity	1,572,792	1,863,963	2,261,472	2,115,835	2,627,238	1,437,206	1,412,496	67.0	18.5	21.3	-6.4	24.2	-1.7
Value	897,369	1,062,238	1,276,821	1,065,019	1,358,5[illegible]	742,937	717,483	51.4	18.4	20.2	-16.6	27.6	-3.4
Unit value	$571	$570	$565	$503	$517	$517	$508	-9.4	-0.1	-0.9	-10.8	2.7	-1.7
Inventories/shipments of imports (1)	1.1	1.2	2.0	1.2	1.4	0.8	0.9	0.4	0.1	0.9	-0.8	0.3	0.1
U.S. producers':													
Average capacity quantity	6,863,777	7,037,321	7,536,117	8,023,662	8,375,431	4,670,135	4,691,234	22.0	2.5	7.1	6.5	4.4	0.5
Production quantity	4,646,657	5,126,986	5,398,900	5,191,023	4,779,405	2,530,686	2,526,070	2.9	10.3	5.3	-3.9	-7.9	-0.2
Capacity utilization (1)	66.7	71.9	70.7	63.8	56.2	53.4	53.2	-10.5	5.2	-1.2	-7.0	-7.5	-0.2
U.S. shipments:													
Quantity	4,435,176	4,630,412	4,879,370	4,995,550	4,540,213	2,398,488	2,429,456	2.4	4.4	5.4	2.4	-9.1	1.3
Value	2,687,795	2,876,791	3,036,953	2,944,649	2,676,376	1,415,067	1,323,181	-0.4	7.0	5.6	-3.0	-9.1	-6.5
Unit value	$606	$621	$622	$589	$589	$590	$545	-2.7	2.5	0.2	-5.3	0.0	-7.7
Export shipments:													
Quantity	180,887	386,904	475,577	210,067	179,694	88,294	73,980	-0.7	113.9	22.9	-55.8	-14.5	-16.2
Value	139,115	270,706	341,501	142,883	125,365	62,356	48,658	-9.9	94.6	26.2	-58.2	-12.3	-22.0
Unit value	$769	$700	$718	$680	$698	$706	$658	-9.3	-9.0	2.6	-5.3	2.6	-6.9
Ending inventory quantity	678,744	726,153	778,333	778,785	790,173	788,609	814,008	16.4	7.0	7.2	0.1	1.5	3.2
Inventories/total shipments (1)	14.7	14.5	14.5	15.0	16.7	15.9	16.3	2.0	-0.2	0.1	0.4	1.8	0.4
Production workers	6,539	6,994	7,097	6,890	6,736	6,741	6,820	3.0	6.9	1.5	-2.9	-2.2	1.2
Hours worked (1,000s)	14,031	15,142	15,543	15,252	15,147	7,843	7,311	8.0	7.9	2.6	-1.9	-0.7	-6.8
Wages paid ($1,000s)	245,545	277,356	279,916	272,996	267,204	140,901	135,294	8.8	13.0	0.9	-2.5	-2.1	-4.0
Hourly wages	$17.50	$18.32	$18.01	$17.90	$17.64	$17.96	$18.51	0.8	4.7	-1.7	-0.6	-1.4	3.0
Productivity (tons/1,000 hours)	331.2	338.6	347.4	340.4	315.5	322.6	345.5	-4.7	2.2	2.6	-2.0	-7.3	7.1
Unit labor costs	$52.84	$54.10	$51.85	$52.59	$55.91	$55.68	$53.56	5.8	2.4	-4.2	1.4	6.3	-3.8
Net commercial sales:													
Quantity	4,427,235	4,872,681	5,141,066	5,061,360	4,701,951	2,480,849	2,439,585	6.2	10.1	5.5	-1.6	-7.1	-1.7
Value	2,814,290	3,128,015	3,312,605	3,043,287	2,777,434	1,467,792	1,368,186	-1.3	11.1	5.9	-8.1	-8.7	-6.8
Unit value	$636	$642	$644	$601	$591	$592	$561	-7.1	1.0	0.4	-6.7	-1.8	-5.2
Cost of goods sold (COGS)	2,375,641	2,651,654	2,802,669	2,540,660	2,420,443	1,277,932	1,204,274	1.9	11.6	5.7	-9.3	-4.7	-5.8
Gross profit or (loss)	438,649	476,361	509,936	502,627	356,991	189,860	163,912	-18.6	8.6	7.0	-1.4	-29.0	-13.7
SG&A expenses	197,603	207,138	233,654	256,001	238,527	120,986	120,624	20.7	4.8	12.8	9.6	-6.8	-0.3
Operating income or (loss)	241,046	269,223	276,282	246,626	118,464	68,874	43,288	-50.9	11.7	2.6	-10.7	-52.0	-37.1
Capital expenditures	59,045	145,099	229,360	106,433	90,400	39,458	24,650	53.2	145.7	58.1	-53.6	-15.0	-37.5
Unit COGS	$537	$544	$545	$502	$515	$515	$494	-4.1	1.4	0.2	-7.9	2.6	-4.2
Unit SG&A expenses	$45	$43	$45	$51	$51	$49	$49	13.7	-4.8	6.9	11.3	0.3	1.4
Unit operating income or (loss)	$54	$55	$54	$49	$25	$28	$18	-53.7	1.5	-2.7	-9.3	-48.3	-36.1
COGS/sales (1)	84.4	84.8	84.6	83.5	87.1	87.1	88.0	2.7	0.4	-0.2	-1.1	3.7	1.0
Operating income or (loss)/sales (1)	8.6	8.6	8.3	8.1	4.3	4.7	3.2	-4.3	0.0	-0.3	-0.2	-3.8	-1.5

(1) "Reported data" are in percent and "period changes" are in percentage points.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table TUBULAR-C-5
Welded OCTG: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data 1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Period changes 1996-00	1996-97	1997-98	1998-99	1999-00	January-June 2000-01
U.S. consumption quantity:													
Amount	867,348	1,232,700	784,596	600,476	1,269,762	577,140	869,533	46.4	42.1	-36.4	-23.5	111.5	50.7
Producers' share (1)	92.9	89.4	83.4	88.4	81.6	85.8	69.0	-11.3	-3.5	-6.0	5.0	-6.8	-16.8
Importers' share (1):													
Canada	0.6	0.5	0.2	0.1	0.2	0.0	0.8	-0.4	-0.1	-0.3	-0.1	0.1	0.7
Mexico	0.1	0.1	0.0	0.7	0.6	1.1	0.4	0.6	0.0	-0.1	0.7	-0.1	-0.7
All other sources	6.4	10.0	16.4	10.8	17.6	13.0	29.8	11.2	3.6	6.4	-5.6	6.8	16.8
Total imports	7.1	10.6	16.6	11.6	18.4	14.2	31.0	11.3	3.5	6.0	-5.0	6.8	16.8
U.S. consumption value:													
Amount	555,306	822,692	511,555	330,007	763,784	342,445	501,305	37.5	48.2	-37.8	-35.5	131.4	46.4
Producers' share (1)	94.2	91.0	85.8	90.9	85.6	88.9	81.1	-8.5	-3.3	-5.2	5.1	-5.2	-7.7
Importers' share (1):													
Canada	0.5	0.4	0.1	0.1	0.2	0.1	0.7	-0.3	-0.1	-0.3	-0.1	0.1	0.7
Mexico	0.0	0.1	0.0	0.7	0.6	1.0	0.4	0.6	0.1	-0.1	0.7	-0.2	-0.6
All other sources	5.2	8.5	14.0	8.3	13.5	10.1	17.8	8.3	3.3	5.5	-5.8	5.2	7.7
Total imports	5.8	9.0	14.2	9.1	14.2	11.1	18.9	8.5	3.3	5.2	-5.1	5.2	7.7
U.S. imports from:													
Canada:													
Quantity	5,387	6,117	1,378	637	2,306	203	6,757	-57.2	13.6	-77.5	-53.8	261.8	3,223.6
Value	2,750	3,279	724	266	1,244	207	3,631	-54.8	19.3	-77.9	-63.3	367.9	1,650.3
Unit value	$510	$536	$525	$417	$539	$1,020	$537	5.7	5.0	-2.0	-20.6	29.3	-47.3
Mexico:													
Quantity	599	1,108	206	4,310	8,049	6,376	3,675	1,244.9	85.2	-81.4	1,988.1	86.8	-42.4
Value	132	942	124	2,403	4,401	3,492	1,975	3,239.9	614.6	-86.8	1,837.6	83.1	-43.4
Unit value	$220	$850	$601	$558	$547	$548	$537	148.3	285.9	-29.3	-7.2	-1.9	-1.9
All other sources:													
Quantity	55,275	123,274	128,607	64,747	223,240	75,217	259,206	303.9	123.0	4.3	-49.7	244.8	244.6
Value	29,059	70,020	71,711	27,239	103,058	34,433	89,065	254.6	141.0	2.4	-62.0	278.3	158.7
Unit value	$526	$568	$558	$421	$462	$458	$344	-12.2	8.0	-1.8	-24.6	9.7	-24.9
All sources:													
Quantity	61,260	130,500	130,192	69,694	233,555	81,796	269,639	281.3	113.0	-0.2	-46.5	235.2	229.6
Value	31,941	74,241	72,560	29,909	108,704	38,131	94,671	240.3	132.4	-2.3	-58.8	263.5	148.3
Unit value	$521	$569	$557	$429	$465	$466	$351	-10.7	9.1	-2.0	-23.0	8.4	-24.7
Inventories/shipments of imports (1)	16.0	9.9	19.6	2.2	5.1	3.0	7.1	-10.9	-6.0	9.7	-17.4	2.8	4.2
U.S. producers':													
Average capacity quantity	1,544,792	1,686,870	1,668,037	1,610,380	1,912,568	962,793	949,208	23.8	9.2	-1.1	-3.5	18.8	-1.4
Production quantity	868,257	1,200,468	657,870	562,144	1,140,647	531,348	619,975	31.4	38.3	-45.2	-14.6	102.9	16.7
Capacity utilization (1)	56.2	70.8	39.4	34.9	59.6	55.2	64.9	3.3	14.6	-31.5	-4.5	24.6	9.7
U.S. shipments:													
Quantity	806,088	1,102,200	654,404	530,782	1,036,167	495,344	599,895	28.5	36.7	-40.6	-18.9	95.2	21.1
Value	523,365	748,451	438,995	300,098	655,080	304,314	406,634	25.2	43.0	-41.3	-31.6	118.3	33.6
Unit value	$649	$679	$671	$565	$632	$614	$678	-2.6	4.6	-1.2	-15.7	11.8	10.3
Export shipments:													
Quantity	66,420	79,825	27,318	38,210	41,134	19,373	15,781	-38.1	20.2	-65.8	39.9	7.7	-18.5
Value	47,151	57,060	20,061	22,422	26,797	11,897	11,387	-43.2	21.0	-64.8	11.8	19.5	-4.3
Unit value	$710	$715	$734	$587	$651	$614	$722	-8.2	0.7	2.7	-20.1	11.0	17.5
Ending inventory quantity	87,905	105,400	87,023	89,340	140,866	103,375	136,193	60.2	19.9	-17.4	2.7	57.7	31.7
Inventories/total shipments (1)	10.1	8.9	12.8	15.7	13.1	10.0	11.1	3.0	-1.2	3.8	2.9	-2.6	1.0
Production workers	1,524	1,868	1,261	1,182	1,678	1,489	1,764	10.1	22.6	-32.5	-6.3	42.0	18.5
Hours worked (1,000s)	3,431	4,257	2,467	2,507	3,575	1,729	1,917	4.2	24.1	-42.1	1.6	42.6	10.8
Wages paid ($1,000s)	67,393	84,610	51,952	45,787	73,384	36,219	44,058	8.9	25.5	-38.6	-11.9	60.3	21.6
Hourly wages	$19.64	$19.88	$21.06	$18.27	$20.53	$20.94	$22.99	4.5	1.2	6.0	-13.3	12.4	9.8
Productivity (tons/1,000 hours)	253.0	282.0	266.7	224.3	319.1	307.3	323.6	26.1	11.4	-5.4	-15.9	42.3	5.3
Unit labor costs	$77.62	$70.48	$78.97	$81.45	$64.34	$68.16	$71.04	-17.1	-9.2	12.0	3.1	-21.0	4.2
Net commercial sales													
Quantity	843,567	1,166,899	732,063	520,986	1,077,301	514,717	615,676	27.7	38.3	-37.3	-28.8	106.8	19.6
Value	551,888	790,224	498,375	288,299	681,877	316,211	418,321	23.6	43.2	-36.9	-42.2	136.5	32.3
Unit value	$654	$677	$681	$553	$633	$614	$679	-3.3	3.5	0.5	-18.7	14.4	10.6
Cost of goods sold (COGS)	511,527	692,026	463,010	309,620	611,719	295,855	332,651	19.6	35.3	-33.1	-33.1	97.6	12.4
Gross profit or (loss)	40,361	98,198	35,365	(21,321)	70,158	20,356	85,670	73.8	143.3	-64.0	(2)	(2)	320.9
SG&A expenses	21,377	28,394	26,053	19,262	30,549	16,340	19,403	42.9	32.8	-8.2	-26.1	58.6	18.7
Operating income or (loss)	18,984	69,804	9,312	(40,583)	39,609	4,016	66,267	108.6	267.7	-86.7	(2)	(2)	1,550.1
Capital expenditures	11,302	28,527	31,809	25,944	48,720	26,631	14,475	328.8	151.1	11.5	-18.4	87.8	-45.6
Unit COGS	$606	$593	$632	$594	$568	$575	$540	-6.4	-2.2	6.6	-6.0	-4.5	-6.0
Unit SG&A expenses	$25	$24	$36	$37	$28	$32	$32	11.9	-4.0	46.3	3.9	-23.3	-0.7
Unit operating income or (loss)	$23	$60	$13	($78)	$37	$8	$108	63.4	165.8	-78.7	(2)	(2)	1,279.5
COGS/sales (1)	92.7	87.6	92.9	107.4	89.7	93.6	79.5	-3.0	-5.1	5.3	14.5	-17.7	-14.0
Operating income or (loss)/sales (1)	3.4	8.8	1.9	(14.1)	5.8	1.3	15.8	2.4	5.4	-7.0	-15.9	19.9	14.6

(1) "Reported data" are in percent and "period changes" are in percentage points.
(2) Undefined.

Note.–Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table TUBULAR-C-6
Fittings: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	295,929	319,785	329,472	311,352	324,712	157,672	174,334	9.7	8.1	3.0	-5.5	4.3	10.4
Producers' share (1)	65.0	67.1	64.5	62.3	58.3	61.0	53.3	-6.7	2.0	-2.6	-2.2	-4.0	-7.7
Importers' share (1):													
Canada	3.5	3.7	3.5	3.7	4.9	4.7	4.7	1.5	0.2	-0.2	0.2	1.2	-0.0
Mexico	5.8	6.0	8.5	5.9	5.8	5.5	5.7	-0.0	0.2	2.5	-2.6	-0.1	0.3
All other sources	25.7	23.3	23.6	28.1	31.0	28.8	36.3	5.3	-2.4	0.3	4.5	2.9	7.4
Total imports	35.0	32.9	35.5	37.7	41.7	39.0	46.7	6.7	-2.0	2.6	2.2	4.0	7.7
U.S. consumption value:													
Amount	598,176	652,352	690,398	640,929	675,986	346,943	371,742	13.0	9.1	5.8	-7.2	5.5	7.1
Producers' share (1)	64.7	65.2	61.5	59.7	54.4	58.3	51.0	-10.3	0.5	-3.7	-1.8	-5.3	-7.3
Importers' share (1):													
Canada	6.9	7.6	8.1	8.6	10.7	10.1	10.3	3.8	0.7	0.5	0.5	2.1	0.1
Mexico	4.9	5.3	6.8	4.9	5.3	4.8	7.2	0.3	0.4	1.5	-1.8	0.3	2.3
All other sources	23.4	21.9	23.6	26.8	29.6	26.8	31.6	6.2	-1.6	1.8	3.2	2.8	4.8
Total imports	35.3	34.8	38.5	40.3	45.6	41.7	49.0	10.3	-0.5	3.7	1.8	5.3	7.3
U.S. imports from:													
Canada:													
Quantity	10,315	11,690	11,510	11,649	16,046	7,441	8,178	55.6	13.3	-1.5	1.2	37.7	9.9
Value	41,439	49,888	55,979	54,873	72,231	35,163	38,168	74.3	20.4	12.2	-2.0	31.6	8.5
Unit value	$4,018	$4,268	$4,863	$4,711	$4,502	$4,726	$4,663	12.0	6.2	14.0	-3.1	-4.4	-1.3
Mexico:													
Quantity	17,114	19,090	27,868	18,268	18,761	8,610	9,976	9.6	11.5	46.0	-34.4	2.7	15.9
Value	29,400	34,648	46,732	31,531	35,518	16,666	26,587	20.8	17.8	34.9	-32.5	12.6	59.5
Unit value	$1,718	$1,815	$1,677	$1,726	$1,893	$1,936	$2,013	10.2	5.6	-7.6	2.9	9.7	4.0
All other sources:													
Quantity	76,079	74,533	77,715	87,545	100,592	45,537	63,226	32.2	-2.0	4.3	12.6	14.9	38.8
Value	140,171	142,555	163,175	171,812	200,190	92,913	117,558	42.8	1.7	14.5	5.3	16.5	26.5
Unit value	$1,842	$1,913	$2,100	$1,963	$1,990	$2,040	$1,763	8.0	3.8	9.8	-6.5	1.4	-13.6
All sources:													
Quantity	103,507	105,313	117,093	117,461	135,399	61,588	81,380	30.8	1.7	11.2	0.3	15.3	32.1
Value	211,010	227,091	265,886	258,216	307,939	144,743	182,312	45.0	7.6	17.1	-2.9	19.3	26.0
Unit value	$2,039	$2,156	$2,271	$2,198	$2,274	$2,350	$2,085	11.6	5.8	5.3	-3.2	3.5	-11.3
Inventories/shipments of imports (1)	45.1	42.9	39.5	47.2	38.5	38.8	38.6	-6.6	-2.2	-3.3	7.7	-8.8	-0.2
U.S. producers':													
Average capacity quantity	268,170	298,105	298,347	303,797	288,054	147,294	140,510	7.4	11.2	0.1	1.8	-5.2	-4.6
Production quantity	204,972	220,881	211,648	186,490	194,175	103,707	91,669	-5.3	7.8	-4.2	-11.9	4.1	-11.6
Capacity utilization (1)	76.3	74.1	70.9	61.4	67.4	70.4	65.2	-8.9	-2.2	-3.2	-9.6	6.0	-5.2
U.S. shipments:													
Quantity	192,422	214,472	212,379	193,890	189,313	96,284	92,954	-1.6	11.5	-1.0	-8.7	-2.4	-3.5
Value	387,166	425,261	424,512	382,713	368,047	202,200	189,430	-4.9	9.8	-0.2	-9.8	-3.8	-6.3
Unit value	$2,012	$1,983	$1,999	$1,974	$1,944	$2,100	$2,038	-3.4	-1.5	0.8	-1.2	-1.5	-3.0
Export shipments:													
Quantity	4,795	6,465	5,650	5,759	5,997	3,329	2,541	25.1	34.8	-12.6	1.9	4.1	-23.7
Value	9,136	11,341	11,701	10,474	10,780	5,875	5,158	18.0	24.1	3.2	-10.5	2.9	-12.2
Unit value	$1,905	$1,754	$2,071	$1,819	$1,798	$1,765	$2,030	-5.7	-7.9	18.1	-12.2	-1.2	15.0
Ending inventory quantity	61,311	65,715	62,779	56,567	60,315	64,524	57,922	-1.6	7.2	-4.5	-9.9	6.6	-10.2
Inventories/total shipments (1)	31.1	29.7	28.8	28.3	30.9	32.4	30.3	-0.2	-1.3	-0.9	-0.5	2.5	-2.1
Production workers	2,703	3,037	3,112	2,925	2,671	2,736	2,612	-1.2	12.4	2.5	-6.0	-8.7	-4.5
Hours worked (1,000s)	7,563	8,360	8,101	7,158	7,148	3,670	3,583	-5.5	10.5	-3.1	-11.6	-0.1	-2.4
Wages paid ($1,000s)	64,160	78,718	83,991	74,712	73,991	37,541	37,524	15.3	22.7	6.7	-11.0	-1.0	-0.0
Hourly wages	$8.48	$9.42	$10.37	$10.44	$10.35	$10.23	$10.47	22.0	11.0	10.1	0.7	-0.8	2.4
Productivity (tons/1,000 hours)	27.1	26.4	26.1	26.1	27.2	28.3	25.6	0.4	-2.4	-1.1	-0.3	4.3	-9.5
Unit labor costs	$313.52	$356.38	$396.84	$400.62	$381.05	$361.99	$409.34	21.5	13.7	11.4	1.0	-4.9	13.1
Net commercial sales:													
Quantity	211,724	223,041	213,257	186,954	183,458	98,940	91,514	-13.4	5.3	-4.4	-12.3	-1.9	-7.5
Value	419,133	452,659	443,210	384,861	365,879	189,402	189,860	-12.7	8.0	-2.1	-13.2	-4.9	0.2
Unit value	$1,913	$1,986	$2,005	$1,987	$1,927	$1,850	$2,004	0.7	2.8	2.0	-0.9	-3.0	8.3
Cost of goods sold (COGS)	332,532	364,722	369,173	324,995	316,627	160,283	157,072	-4.8	9.7	1.2	-12.0	-2.6	-2.0
Gross profit or (loss)	86,601	87,937	74,037	59,866	49,252	29,119	32,788	-43.1	1.5	-15.8	-19.1	-17.7	12.6
SG&A expenses	49,279	52,908	53,447	50,710	49,468	25,949	25,785	0.4	7.4	1.0	-5.1	-2.4	-0.6
Operating income or (loss)	37,322	35,029	20,590	9,156	(216)	3,170	7,003	(2)	-6.1	-41.2	-55.5	(2)	120.9
Capital expenditures	19,328	18,570	17,022	14,943	11,319	5,348	7,474	-41.4	-3.9	-8.3	-12.2	-24.3	39.8
Unit COGS	$1,525	$1,592	$1,681	$1,691	$1,677	$1,576	$1,665	10.0	4.4	5.6	0.6	-0.8	5.6
Unit SG&A expenses	$222	$226	$239	$257	$256	$248	$269	15.3	1.8	5.9	7.5	-0.4	8.5
Unit operating income or (loss)	$167	$148	$85	$39	($7)	$26	$69	(2)	-11.4	-42.6	-54.1	(2)	165.4
COGS/sales (1)	79.3	80.6	83.3	84.4	86.5	84.6	82.7	7.2	1.2	2.7	1.1	2.1	-1.9
Operating income or (loss)/sales (1)	8.9	7.7	4.6	2.4	(0.1)	1.7	3.7	-9.0	-1.2	-3.1	-2.3	-2.4	2.0

(1) "Reported data" are in percent and "period changes" are in percentage points.
(2) Undefined.

Note.–Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Note.–Import unit values are calculated based on HTS items where unit of quantity is kilograms.

STAINLESS AND TOOL STEEL PRODUCTS

Table STAINLESS-C-1
Stainless products: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data 1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Period changes 1996-00	1996-97	1997-98	1998-99	1999-00	January-June 2000-01
U.S. consumption quantity:													
Amount	2,342,844	2,509,600	2,509,770	2,949,604	3,033,164	1,714,183	1,275,666	29.5	7.[illegible]	0.0	17.5	2.8	-25.6
Producers' share (1)	79.9	80.0	75.7	73.4	70.9	72.2	69.1	-9.0	0.[illegible]	-4.3	-2.3	-2.5	-3.1
Importers' share (1):													
Canada	4.7	3.6	3.0	2.9	3.1	2.9	4.4	-1.6	-1.1	-0.6	-0.2	0.2	1.5
Mexico	0.1	0.3	0.5	0.2	0.1	0.1	0.1	0.0	0.2	0.2	-0.3	-0.0	0.0
All other sources	15.3	16.1	20.8	23.6	25.9	24.8	26.3	10.6	0.8	4.7	2.8	2.3	1.5
Total imports	20.1	20.0	24.3	26.6	29.1	27.8	30.9	9.0	-0.1	4.3	2.3	2.5	3.1
U.S. consumption value:													
Amount	5,667,182	5,545,236	5,090,049	4,894,067	5,870,814	3,195,262	2,450,853	3.6	-2.2	-8.2	-3.9	20.0	-23.3
Producers' share (1)	72.8	73.1	70.0	68.2	65.7	66.9	63.9	-7.1	0.3	-3.0	-1.9	-2.4	-3.0
Importers' share (1):													
Canada	4.8	4.1	3.9	4.1	4.2	4.0	5.4	-0.6	-0.7	-0.2	0.3	0.1	1.4
Mexico	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.4	0.1	0.1	0.1	0.0	0.2
All other sources	22.2	22.6	25.7	27.2	29.5	28.5	29.9	7.3	0.4	3.1	1.5	2.3	1.4
Total imports	27.2	26.9	30.0	31.8	34.3	33.1	36.1	7.1	-0.3	3.0	1.9	2.4	3.0
U.S. imports from:													
Canada:													
Quantity	110,212	90,971	76,339	84,993	93,839	49,146	56,241	-14.9	-17.5	-16.1	11.3	10.4	14.4
Value	272,587	225,360	197,843	202,525	247,630	128,667	133,491	-9.2	-17.3	-12.2	2.4	22.3	3.7
Unit value	$2,473	$2,477	$2,592	$2,383	$2,639	$2,618	$2,374	6.7	0.2	4.6	-8.1	10.7	-9.3
Mexico:													
Quantity	2,178	6,469	12,587	5,056	3,936	1,760	1,651	80.7	197.0	94.6	-59.8	-22.2	-6.2
Value	9,462	14,988	19,497	25,313	32,993	17,744	18,239	248.7	58.4	30.1	29.8	30.3	2.8
Unit value	$4,344	$2,317	$1,549	$5,006	$8,383	$10,081	$11,049	93.0	-46.7	-33.1	223.2	67.5	9.6
All other sources:													
Quantity	358,619	404,392	521,259	695,310	785,833	425,474	335,890	119.1	12.8	28.9	33.4	13.0	-21.1
Value	1,260,190	1,253,406	1,308,223	1,330,880	1,732,154	911,485	732,624	37.5	-0.5	4.4	1.7	30.2	-19.6
Unit value	$3,514	$3,099	$2,510	$1,914	$2,204	$2,142	$2,181	-37.3	-11.8	-19.0	-23.7	15.2	1.8
All sources:													
Quantity	471,009	501,832	610,186	785,360	883,608	476,381	393,782	87.6	6.5	21.5	28.7	12.5	-17.3
Value	1,542,240	1,493,755	1,525,563	1,558,718	2,012,776	1,057,896	884,354	30.5	3.[illegible]	2.1	2.2	29.1	-16.4
Unit value	$3,274	$2,977	$2,500	$1,985	$2,278	$2,221	$2,246	-30.4	-9.[illegible]	-16.0	-20.6	14.8	1.1
Inventories/shipments of imports (1)	9.5	9.7	9.9	14.0	14.7	12.3	12.5	5.2	0.2	0.3	4.1	0.7	0.2
U.S. producers':													
Average capacity quantity	2,585,206	2,505,407	2,595,590	2,901,184	2,963,416	1,502,831	1,521,445	14.6	[illegible]	-0.4	11.8	2.1	1.2
Production quantity	1,894,140	2,089,348	1,898,101	2,216,578	2,151,058	1,229,378	895,262	13.6	10.3	-9.2	16.8	-3.0	-27.2
Capacity utilization (1)	71.9	78.4	71.6	74.9	71.3	80.5	57.5	-0.7	6.5	-6.8	3.3	-3.7	-23.0
U.S. shipments:													
Quantity	1,871,834	2,007,768	1,899,584	2,164,444	2,149,556	1,237,803	881,885	14.8	7.3	-5.4	13.9	-0.7	-28.8
Value	4,124,942	4,051,481	3,564,486	3,335,350	3,858,037	2,137,366	1,566,499	-6.5	-1.8	-12.0	-6.4	15.7	-26.7
Unit value	$2,205	$2,019	$1,876	$1,542	$1,796	$1,726	$1,776	-18.6	-8.4	-7.0	-17.9	16.5	2.9
Export shipments:													
Quantity	54,980	71,830	42,078	26,368	27,282	14,728	14,578	-50.4	30.6	-41.4	-37.3	3.5	-1.0
Value	122,471	147,580	107,654	82,561	101,924	55,075	53,236	-16.8	20.5	-27.1	-23.3	23.5	-3.3
Unit value	$2,227	$2,055	$2,558	$3,131	$3,736	$3,739	$3,652	67.7	-7.8	24.5	22.4	19.3	-2.3
Ending inventory quantity	168,985	201,352	195,442	220,952	201,326	214,057	178,233	19.1	19.2	-2.9	13.1	-8.9	-16.7
Inventories/total shipments (1)	8.8	9.7	10.1	10.1	9.2	8.5	9.9	0.5	0.9	0.4	0.0	-0.8	1.4
Production workers	8,496	8,596	8,087	7,737	7,866	7,954	7,279	-7.4	1.2	-6.2	-4.1	1.7	-8.5
Hours worked (1,000s)	17,911	18,341	16,839	16,235	16,651	8,695	7,301	-7.0	2.4	-8.2	-3.6	2.6	-16.0
Wages paid ($1,000s)	326,430	337,574	310,157	307,791	313,688	169,069	136,987	-3.9	3.4	-8.1	-0.8	1.9	-19.0
Hourly wages	$18.65	$18.84	$18.65	$19.25	$19.12	$19.72	$19.06	2.5	1.0	0.1	2.1	-0.6	-3.3
Productivity (tons/1,000 hours)	72.0	78.4	74.4	89.2	88.5	96.4	85.0	23.0	8.9	-5.1	20.0	-0.8	-11.8
Unit labor costs	$253.48	$235.00	$248.05	$212.81	$213.10	$201.94	$220.77	-15.9	-7.3	5.6	-14.2	0.1	9.3
Net commercial sales:													
Quantity	723,463	814,873	720,103	882,483	749,561	417,910	353,133	3.6	12.6	-11.6	22.5	-15.1	-15.5
Value	2,547,435	2,515,899	2,146,283	2,159,756	2,252,210	1,223,975	1,015,791	-11.6	-1.2	-14.7	0.6	4.3	-17.0
Unit value	$3,505	$3,070	$2,961	$2,433	$2,990	$2,915	$2,862	-14.7	-12.4	-3.6	-17.8	22.9	-1.8
Cost of goods sold (COGS)	2,186,338	2,180,455	1,897,377	1,930,562	1,995,809	1,067,942	942,271	-8.7	-0.3	-13.0	1.7	3.4	-11.8
Gross profit or (loss)	361,097	335,444	248,906	229,194	256,401	156,033	73,520	-29.0	-7.1	-25.8	-7.9	11.9	-52.9
SG&A expenses	184,857	191,645	186,713	180,405	189,422	92,904	89,828	2.5	3.7	-2.6	-3.4	5.0	-3.3
Operating income or (loss)	176,240	143,799	62,193	48,789	66,979	63,129	(16,308)	-62.0	-18.4	-56.8	-21.6	37.3	(2)
Capital expenditures	126,656	125,889	202,093	137,014	72,530	51,759	30,914	-42.7	-0.6	60.5	-32.2	-47.1	-40.3
Unit COGS	$3,010	$2,663	$2,620	$2,177	$2,651	$2,544	$2,657	-11.9	-11.5	-1.6	-16.9	21.8	4.4
Unit SG&A expenses	$253	$233	$256	$202	$250	$220	$252	-1.2	-7.9	9.9	-21.1	23.8	14.5
Unit operating income or (loss)	$242	$175	$86	$54	$89	$150	($47)	-63.2	-27.7	-51.4	-36.5	64.8	(2)
COGS/sales (1)	85.8	86.7	88.4	89.4	88.6	87.3	92.8	2.8	0.8	1.7	1.0	-0.8	5.5
Operating income or (loss)/sales (1)	6.9	5.7	2.9	2.3	3.0	5.2	(1.6)	-3.9	-1.2	-2.8	-0.6	0.7	-6.8

(1) "Reported data" are in percent and "period changes" are in percentage points.
(2) Undefined.

Note.–Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table STAINLESS-C-2

Slabs/Ingots: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	1,335,812	1,397,738	1,419,138	1,841,864	1,831,438	1,058,990	726,298	37.1	4.6	1.5	29.8	-0.6	-31.4
Producers' share (1)	91.6	94.0	87.4	81.3	81.2	82.6	79.2	-10.4	2.4	-6.6	-6.1	-0.0	-3.4
Importers' share (1):													
Canada	5.0	3.0	2.4	2.0	2.4	2.1	4.4	-2.5	-1.9	-0.6	-0.5	0.5	2.3
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.0	-0.0
All other sources	3.5	3.0	10.2	16.8	16.3	15.3	16.4	12.9	0.5	7.2	6.6	-0.4	1.2
Total imports	8.4	6.0	12.6	18.7	18.8	17.4	20.8	10.4	-2.4	6.6	6.1	0.0	3.4
U.S. consumption value:													
Amount	1,820,020	1,727,657	1,552,597	1,678,681	2,106,608	1,204,150	721,198	15.7	-5.1	-10.1	8.1	25.5	-40.1
Producers' share (1)	89.1	92.2	86.7	80.0	78.6	79.9	77.5	-10.4	3.1	-5.5	-6.7	-1.3	-2.4
Importers' share (1):													
Canada	6.3	3.7	3.2	2.7	3.3	3.0	5.6	-3.0	-2.6	-0.5	-0.5	0.6	2.6
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.0	-0.0
All other sources	4.6	4.1	10.1	17.3	18.1	17.1	16.9	13.4	-0.5	6.0	7.2	0.7	-0.2
Total imports	10.9	7.8	13.3	20.0	21.4	20.1	22.5	10.4	-3.1	5.5	6.7	1.3	2.4
U.S. imports from:													
Canada:													
Quantity	66,210	42,155	34,710	36,092	44,829	22,589	31,879	-32.3	-36.3	-17.7	4.0	24.2	41.1
Value	114,963	63,936	49,603	45,118	69,605	36,477	40,599	-39.5	-44.4	-22.4	-9.0	54.3	11.3
Unit value	$1,736	$1,517	$1,429	$1,250	$1,553	$1,615	$1,274	-10.6	-12.6	-6.6	-12.5	24.2	-21.1
Mexico:													
Quantity	0	0	22	215	108	60	0	(2)	(2)	(2)	876.7	-49.6	-100.0
Value	0	0	30	327	116	68	0	(2)	(2)	(2)	993.8	-64.6	-100.0
Unit value	(2)	(2)	$1,358	$1,521	$1,072	$1,135	(2)	(2)	(2)	(2)	12.0	-29.5	(2)
All other sources:													
Quantity	46,212	41,595	144,350	308,817	298,953	161,698	119,443	546.9	-10.0	247.0	113.9	-3.2	-26.1
Value	84,287	71,503	157,103	290,836	380,399	205,803	121,764	351.3	-15.2	119.7	85.1	30.8	-40.8
Unit value	$1,824	$1,719	$1,088	$942	$1,272	$1,273	$1,019	-30.2	-5.8	-36.7	-13.5	35.1	-19.9
All sources:													
Quantity	112,422	83,749	179,082	345,125	343,890	184,347	151,323	205.9	-25.5	113.8	92.7	-0.4	-17.9
Value	199,250	135,439	206,735	336,282	450,119	242,348	162,363	125.9	-32.0	52.6	62.7	33.9	-33.0
Unit value	$1,772	$1,617	$1,154	$974	$1,309	$1,315	$1,073	-26.1	-8.8	-28.6	-15.6	34.3	-18.4
Inventories/shipments of imports (1)	5.3	6.1	3.2	4.1	2.1	1.9	3.4	-3.2	0.8	-2.9	0.9	-2.1	1.6
U.S. producers':													
Average capacity quantity	1,542,538	1,541,538	1,506,980	1,725,300	1,760,400	890,700	887,720	14.1	-0.1	-2.2	14.5	2.0	-0.3
Production quantity	1,222,320	1,368,041	1,216,302	1,517,287	1,461,922	846,586	580,415	19.6	11.9	-11.1	24.7	-3.6	-31.4
Capacity utilization (1)	77.6	86.4	78.7	85.9	81.4	93.4	63.8	3.8	8.9	-7.7	7.2	-4.5	-29.6
U.S. shipments:													
Quantity	1,223,390	1,313,989	1,240,056	1,496,739	1,487,546	874,643	574,973	21.6	7.4	-5.6	20.7	-0.6	-34.3
Value	1,620,770	1,592,218	1,345,862	1,342,399	1,656,489	961,802	558,835	2.2	-1.8	-15.5	-0.3	23.4	-41.9
Unit value	$1,325	$1,212	$1,085	$897	$1,114	$1,100	$972	-15.9	-8.5	-10.4	-17.4	24.2	-11.6
Export shipments:													
Quantity	34,269	45,394	18,022	2,984	1,992	1,534	584	-94.2	32.5	-60.3	-83.4	-33.2	-61.9
Value	39,487	49,311	17,360	2,652	3,396	1,950	1,147	-91.4	24.9	-64.8	-84.7	28.1	-41.2
Unit value	$1,152	$1,086	$963	$889	$1,705	$1,271	$1,964	48.0	-5.7	-11.3	-7.7	91.8	54.5
Ending inventory quantity	36,741	45,389	23,580	41,044	13,389	42,419	18,121	-63.6	23.5	-48.0	74.1	-67.4	-57.3
Inventories/total shipments (1)	2.9	3.3	1.9	2.7	0.9	2.4	1.6	-2.0	0.4	-1.5	0.9	-1.8	-0.8
Production workers	310	354	285	329	374	398	339	20.6	14.2	-19.5	15.4	13.7	-14.4
Hours worked (1,000s)	557	640	429	584	692	370	286	24.2	14.8	-32.9	36.1	18.5	-22.7
Wages paid ($1,000s)	14,071	16,373	11,080	17,331	20,504	11,035	8,557	45.7	16.4	-32.3	56.4	18.3	-22.5
Hourly wages	$25.25	$25.58	$25.82	$29.68	$29.63	$29.81	$29.92	17.4	1.3	0.9	14.9	-0.1	0.4
Productivity (tons/1,000 hours)	1117.2	1133.5	1349.3	1295.2	1147.2	1243.3	1091.0	2.7	1.5	19.0	-4.0	-11.4	-12.2
Unit labor costs	$22.60	$22.57	$19.14	$22.91	$25.83	$23.98	$27.43	14.3	-0.1	-15.2	19.7	12.7	14.4
Net commercial sales:													
Quantity	150,744	220,469	164,924	315,770	210,929	114,091	88,538	39.9	46.3	-25.2	91.5	-33.2	-22.4
Value	227,463	295,940	199,259	330,266	288,712	160,540	101,412	26.9	30.1	-32.7	65.7	-12.6	-36.8
Unit value	$1,509	$1,342	$1,208	$1,046	$1,369	$1,407	$1,145	-9.3	-11.0	-10.0	-13.4	30.9	-18.6
Cost of goods sold (COGS)	206,922	278,495	188,477	297,621	255,830	144,065	96,370	23.6	34.6	-32.3	57.9	-14.0	-33.1
Gross profit or (loss)	20,541	17,445	10,782	32,645	32,882	16,475	5,042	60.1	-15.1	-38.2	202.8	0.7	-69.4
SG&A expenses	8,359	6,062	7,324	13,010	14,603	7,083	7,220	74.7	-27.5	20.8	77.6	12.2	1.9
Operating income or (loss)	12,182	11,383	3,458	19,635	18,279	9,392	(2,178)	50.0	-6.6	-69.6	467.8	-6.9	(3)
Capital expenditures	3,539	3,904	9,409	6,223	5,309	2,747	835	50.0	10.3	141.0	-33.9	-14.7	-69.6
Unit COGS	$1,373	$1,263	$1,143	$943	$1,213	$1,263	$1,088	-11.6	-8.0	-9.5	-17.5	28.7	-13.8
Unit SG&A expenses	$55	$27	$44	$41	$69	$62	$82	24.9	-50.4	61.5	-7.2	68.0	31.4
Unit operating income or (loss)	$81	$52	$21	$62	$87	$82	($25)	7.2	-36.1	-59.4	196.6	39.4	(3)
COGS/sales (1)	91.0	94.1	94.6	90.1	88.6	89.7	95.0	-2.4	3.1	0.5	-4.5	-1.5	5.3
Operating income or (loss)/sales (1)	5.4	3.8	1.7	5.9	6.3	5.9	(2.1)	1.0	-1.5	-2.1	4.2	0.4	-8.0

(1) "Reported data" are in percent and "period changes" are in percentage points.
(2) Not applicable.
(3) Undefined.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table STAINLESS-C-3
Plate: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	134,840	149,236	142,461	153,845	157,180	89,616	76,453	16.6	10.7	-4.5	8.0	2.2	-14.7
Producers' share (1)	85.7	81.4	81.1	73.9	72.1	67.8	76.9	-13.5	-4.3	-0.3	-7.2	-1.7	9.1
Importers' share (1):													
Canada	0.3	0.4	0.1	1.3	0.7	0.9	0.3	0.4	0.1	-0.3	1.2	-0.6	-0.6
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.0	-0.0	0.0	0.0	-0.0	0.0
All other sources	14.0	18.2	18.8	24.8	27.2	31.4	22.9	13.2	4.2	0.6	6.1	2.3	-8.5
Total imports	14.3	18.6	18.9	26.1	27.9	32.2	23.1	13.5	4.3	0.3	7.2	1.7	-9.1
U.S. consumption value:													
Amount	397,831	384,554	329,779	316,353	376,567	211,808	173,939	-5.3	-3.3	-14.2	-4.1	19.0	-17.9
Producers' share (1)	86.9	85.0	83.9	78.5	76.9	73.6	81.5	-10.0	-1.9	-1.1	-5.3	-1.6	8.0
Importers' share (1):													
Canada	0.2	0.3	0.2	0.9	0.6	0.7	0.2	0.3	0.1	-0.1	0.7	-0.3	-0.5
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.0	-0.0	0.0	0.0	-0.0	0.0
All other sources	12.9	14.7	16.0	20.6	22.6	25.8	18.3	9.7	1.9	1.2	4.6	2.0	-7.5
Total imports	13.1	15.0	16.1	21.5	23.1	26.4	18.5	10.0	1.9	1.1	5.3	1.6	-8.0
U.S. imports from:													
Canada:													
Quantity	400	601	181	1,989	1,101	770	215	175.1	50.1	-69.9	999.8	-44.7	-72.2
Value	844	1,076	553	2,840	2,086	1,423	346	147.1	27.5	-48.6	413.4	-26.5	-75.7
Unit value	$2,109	$1,791	$3,058	$1,427	$1,895	$1,847	$1,613	-10.2	-15.1	70.7	-53.3	32.7	-12.7
Mexico:													
Quantity	23	0	0	2	0	0	0	-100.0	-100.0	(2)	(2)	-100.0	(2)
Value	42	0	0	4	0	0	0	-100.0	-100.0	(2)	(2)	-100.0	(2)
Unit value	$1,831	(2)	(2)	$2,347	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
All other sources:													
Quantity	18,900	27,164	26,767	38,219	42,714	28,116	17,475	126.0	43.7	-1.5	42.8	11.8	-37.8
Value	51,137	56,612	52,617	65,083	84,961	54,588	31,760	66.1	10.7	-7.1	23.7	30.5	-41.8
Unit value	$2,706	$2,084	$1,966	$1,703	$1,989	$1,942	$1,817	-26.5	-23.0	-5.7	-13.4	16.8	-6.4
All sources:													
Quantity	19,323	27,764	26,949	40,210	43,815	28,886	17,690	126.7	43.7	-2.9	49.2	9.0	-38.8
Value	52,022	57,688	53,170	67,927	87,048	56,012	32,106	67.3	10.9	7.8	27.8	28.1	-42.7
Unit value	$2,692	$2,078	$1,973	$1,689	$1,987	$1,939	$1,815	-26.2	-22.8	-5.0	-14.4	17.6	6.4
Inventories/shipments of imports (1)	12.7	12.5	21.8	17.2	24.6	24.8	20.9	11.9	-0.2	9.4	-4.6	7.4	-3.9
U.S. producers':													
Average capacity quantity	220,938	198,892	209,915	226,915	222,915	121,457	121,457	0.9	-10.0	5.5	8.1	-1.8	0.0
Production quantity	122,876	131,115	121,864	118,956	123,103	67,475	68,221	0.2	6.7	-7.1	-2.4	3.5	1.1
Capacity utilization (1)	55.3	64.8	57.2	51.8	54.4	55.1	54.5	-0.9	9.5	-7.6	-5.3	2.6	-0.5
U.S. shipments:													
Quantity	115,517	121,472	115,513	113,835	113,365	60,730	58,763	-1.9	5.2	-4.9	-1.8	-0.2	-3.2
Value	345,809	326,866	276,609	248,426	289,519	155,796	141,833	-16.3	-5.5	-15.4	-10.2	16.5	-9.0
Unit value	$2,994	$2,691	$2,395	$2,186	$2,554	$2,565	$2,414	-14.7	-10.1	-11.0	-8.7	16.8	-5.9
Export shipments:													
Quantity	6,480	6,292	7,329	6,916	7,000	3,384	5,389	8.0	-2.9	16.5	-5.6	1.2	59.2
Value	18,467	17,179	15,870	12,011	17,112	7,999	10,074	-7.3	-7.0	-7.6	-24.3	42.5	25.9
Unit value	$2,850	$2,730	$2,165	$1,737	$2,445	$2,364	$1,869	-14.2	-4.2	-20.7	-19.8	40.8	-20.9
Ending inventory quantity	21,238	24,666	23,688	22,374	24,850	25,093	30,344	17.0	16.1	-4.0	-5.5	11.1	20.9
Inventories/total shipments (1)	17.4	19.3	19.3	18.6	20.6	19.6	23.7	3.2	1.9	-0.0	-0.7	2.1	4.1
Production workers	840	806	795	731	743	748	709	-11.5	-4.0	-1.4	-8.1	1.6	-5.0
Hours worked (1,000s)	1,826	1,841	1,658	1,663	1,574	778	610	-13.8	0.8	-9.9	0.3	-5.4	-21.6
Wages paid ($1,000s)	31,690	32,178	28,848	33,380	25,751	15,187	11,080	-18.7	1.5	-10.3	15.7	-22.9	-27.0
Hourly wages	$22.35	$22.69	$22.71	$23.51	$19.42	$23.22	$22.43	-13.1	1.5	0.1	3.5	-17.4	-3.4
Productivity (tons/1,000 hours)	66.9	70.0	72.4	70.7	77.1	85.9	108.6	15.2	4.7	3.4	-2.2	8.9	26.4
Unit labor costs	$261.61	$252.13	$244.11	$288.64	$215.00	$230.87	$168.17	-17.8	-3.6	-3.2	18.2	-25.5	-27.2
Net commercial sales:													
Quantity	117,637	129,102	121,953	122,490	119,989	64,110	64,152	2.0	9.7	-5.5	0.4	-2.0	0.1
Value	348,699	349,000	288,550	265,712	309,516	166,359	149,547	-11.2	0.1	-17.3	-7.9	16.5	-10.1
Unit value	$2,964	$2,703	$2,366	$2,169	$2,580	$2,595	$2,331	-13.0	-8.8	-12.5	-8.3	18.9	-10.2
Cost of goods sold (COGS)	296,139	303,986	261,435	238,129	272,277	146,109	137,150	-8.1	2.6	-14.0	-8.9	14.3	-6.1
Gross profit or (loss)	52,560	45,014	27,115	27,583	37,239	20,250	12,397	-29.1	-14.4	-39.8	1.7	35.0	-38.8
SG&A expenses	21,048	19,696	23,564	20,290	21,907	11,243	11,378	4.1	-6.4	19.6	-13.9	8.0	1.2
Operating income or (loss)	31,512	25,318	3,551	7,293	15,332	9,007	1,019	-51.3	-19.7	-86.0	105.4	110.2	-88.7
Capital expenditures	10,304	6,916	3,630	2,164	2,655	663	2,208	-74.2	-32.9	-47.5	-40.4	22.7	155.9
Unit COGS	$2,517	$2,355	$2,144	$1,944	$2,269	$2,279	$2,138	-9.9	-6.5	-9.0	-9.3	16.7	-6.2
Unit SG&A expenses	$179	$153	$193	$166	$183	$175	$177	2.0	-14.7	26.7	-14.3	10.2	1.1
Unit operating income or (loss)	$268	$196	$29	$60	$128	$140	$16	-52.3	-26.8	-85.2	104.5	114.6	-88.7
COGS/sales (1)	84.9	87.1	90.6	89.6	88.0	87.8	91.7	3.0	2.2	3.5	-1.0	-1.7	3.9
Operating income or (loss)/sales (1)	9.0	7.3	1.2	2.7	5.0	5.4	0.7	-4.1	-1.8	-6.0	1.5	2.2	-4.7

(1) "Reported data" are in percent and "period changes" are in percentage points.
(2) Not applicable

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics

Table STAINLESS-C-4
Bar: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	276,600	294,392	280,280	265,452	324,173	176,320	153,366	17.2	6.4	-4.8	-5.3	22.1	-13.0
Producers' share (1)	64.6	60.9	60.5	59.8	53.5	52.7	54.9	-11.0	-3.7	-0.5	-0.6	-6.3	2.2
Importers' share (1):													
Canada	5.9	5.9	4.7	5.3	5.9	5.4	7.5	0.1	0.0	-1.2	0.7	0.6	2.1
Mexico	0.1	0.1	0.1	0.0	0.0	0.1	0.0	-0.1	0.0	-0.1	-0.0	0.0	-0.0
All other sources	29.4	33.0	34.8	34.8	40.5	41.8	37.5	11.0	3.6	1.8	-0.0	5.7	-4.3
Total imports	35.4	39.1	39.5	40.2	46.5	47.3	45.1	11.0	3.7	0.5	0.6	6.3	-2.2
U.S. consumption value:													
Amount	1,006,464	968,136	887,199	737,467	952,744	498,215	469,416	-5.3	-3.8	-8.4	-16.9	29.2	-5.8
Producers' share (1)	71.1	68.3	67.9	67.8	63.8	62.8	64.3	-7.3	-2.7	-0.5	-0.0	-4.1	1.4
Importers' share (1):													
Canada	4.0	4.5	4.1	4.4	4.4	4.3	5.5	0.5	0.5	-0.4	0.4	-0.0	1.2
Mexico	0.1	0.1	0.0	0.0	0.0	0.0	0.0	-0.0	-0.0	-0.0	-0.0	0.0	-0.0
All other sources	24.9	27.1	28.0	27.7	31.8	32.8	30.2	6.9	2.2	0.9	-0.3	4.1	-2.6
Total imports	28.9	31.7	32.1	32.2	36.2	37.2	35.7	7.3	2.7	0.5	0.0	4.1	-1.4
U.S. imports from:													
Canada:													
Quantity	16,209	17,378	13,071	14,176	19,247	9,588	11,545	18.7	7.2	-24.8	8.5	35.8	20.4
Value	39,872	43,360	35,963	32,794	42,118	21,394	25,750	5.6	8.7	-17.1	-8.8	28.4	20.4
Unit value	$2,460	$2,495	$2,751	$2,313	$2,188	$2,231	$2,230	-11.0	1.4	10.3	-15.9	-5.4	-0.0
Mexico:													
Quantity	293	340	142	74	161	116	51	-45.1	16.2	-58.4	-47.9	118.0	-56.5
Value	730	624	248	117	313	234	92	-57.1	-14.5	-60.3	-52.8	167.7	-60.6
Unit value	$2,491	$1,832	$1,747	$1,583	$1,944	$2,008	$1,817	-22.0	-26.5	-4.6	-9.4	22.8	-9.5
All other sources:													
Quantity	81,426	97,280	97,552	92,341	131,184	73,738	57,584	61.1	19.5	0.3	-5.3	42.1	-21.9
Value	250,458	262,532	248,724	204,223	302,546	163,573	141,963	20.8	4.8	-5.3	-17.9	48.1	-13.2
Unit value	$3,076	$2,699	$2,550	$2,212	$2,306	$2,218	$2,465	-25.0	-12.3	-5.5	-13.3	4.3	11.1
All sources:													
Quantity	97,928	114,999	110,765	106,591	150,592	83,443	69,173	53.8	17.4	-3.7	-3.8	41.3	-17.1
Value	291,060	306,516	284,934	237,133	344,977	185,200	167,804	18.5	5.3	-7.0	-16.8	45.5	-9.4
Unit value	$2,972	$2,665	$2,572	$2,225	$2,291	$2,219	$2,426	-22.9	-10.3	-3.5	-13.5	3.0	9.3
Inventories/shipments of imports (1)	22.4	18.3	21.6	17.8	21.8	18.7	27.2	-0.6	-4.1	3.3	-3.7	3.9	8.5
U.S. producers'													
Average capacity quantity	298,852	298,527	299,217	312,097	315,397	158,849	160,249	5.5	[illegible]	0.2	4.3	1.1	2.2
Production quantity	189,073	179,664	175,171	164,376	179,090	94,690	81,750	-5.3	-5.0	-2.5	-6.2	9.0	-13.8
Capacity utilization (1)	63.0	59.8	57.8	52.1	55.8	59.5	49.6	-7.2	-3.2	-2.0	-5.7	3.7	-10.0
U.S. shipments:													
Quantity	178,672	179,394	169,515	158,861	173,582	92,878	84,186	-2.8	0.4	-5.5	-6.3	9.3	-9.4
Value	715,404	661,620	602,285	500,334	607,767	313,015	301,612	-15.0	-7.5	-9.0	-16.9	21.5	-3.6
Unit value	$4,004	$3,688	$3,553	$3,150	$3,501	$3,370	$3,583	-12.6	-7.9	-3.7	-11.4	11.2	6.3
Export shipments:													
Quantity	5,767	5,672	6,390	6,062	7,413	3,742	3,193	28.5	-1.6	12.7	-5.1	22.3	-14.7
Value	21,176	24,447	27,191	26,239	35,583	20,477	18,890	68.0	15.4	11.2	-3.5	35.6	-7.8
Unit value	$3,672	$4,310	$4,255	$4,328	$4,800	$5,472	$5,916	30.7	17.4	-1.3	1.7	10.9	8.1
Ending inventory quantity	26,423	20,637	21,130	21,302	19,392	19,435	14,894	-26.6	-21.9	2.4	0.8	-9.0	-23.4
Inventories/total shipments (1)	14.3	11.2	12.0	12.9	10.7	10.1	8.5	-3.6	-3.2	0.9	0.9	-2.2	-1.5
Production workers	2,297	2,214	2,125	1,854	1,941	1,901	1,793	-15.5	-3.6	-4.0	-12.8	4.7	-5.7
Hours worked (1,000s)	5,076	4,921	4,646	3,976	4,208	2,141	1,871	-17.1	-3.1	-5.6	-14.4	5.8	-12.6
Wages paid ($1,000s)	107,664	108,453	102,278	88,163	96,777	50,330	42,009	-10.1	0.7	-5.7	-13.8	9.8	-16.5
Hourly wages	$21.21	$22.04	$22.01	$22.17	$23.00	$23.51	$22.45	8.5	3.9	-0.1	0.7	3.7	-4.5
Productivity (tons/1,000 hours)	37.1	36.3	37.2	40.9	41.8	43.6	42.5	12.8	-2.1	2.5	9.8	2.4	-2.6
Unit labor costs	$571.88	$606.99	$591.55	$542.69	$549.94	$539.10	$528.98	-3.8	6.1	-2.5	-8.3	1.3	-1.9
Net commercial sales:													
Quantity	***	***	***	***	***	***	***	***	***	***	***	***	***
Value	***	***	***	***	***	***	***	***	***	***	***	***	***
Unit value	***	***	***	***	***	***	***	***	***	***	***	***	***
Cost of goods sold (COGS)	***	***	***	***	***	***	***	***	***	***	***	***	***
Gross profit or (loss)	***	***	***	***	***	***	***	***	***	***	***	***	***
SG&A expenses	***	***	***	***	***	***	***	***	***	***	***	***	***
Operating income or (loss)	***	***	***	***	***	***	***	***	***	***	***	***	***
Capital expenditures	***	***	***	***	***	***	***	***	***	***	***	***	***
Unit COGS	***	***	***	***	***	***	***	***	***	***	***	***	***
Unit SG&A expenses	***	***	***	***	***	***	***	***	***	***	***	***	***
Unit operating income or (loss)	***	***	***	***	***	***	***	***	***	***	***	***	***
COGS/sales (1)	***	***	***	***	***	***	***	***	***	***	***	***	***
Operating income or (loss)/sales (1)	***	***	***	***	***	***	***	***	***	***	***	***	***

(1) "Reported data" are in percent and "period changes" are in percentage points.
(2) Undefined.

Note --Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table STAINLESS-C-5
Rod: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

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Table STAINLESS-C-6
Tool: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data 1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Period changes 1996-00	1996-97	1997-98	1998-99	1999-00	January-June 2000-01
U.S. consumption quantity:													
Amount	115,463	126,512	129,410	139,033	140,197	71,187	65,198	21.4	9.6	2.3	7.4	0.8	-8.4
Producers' share (1)	44.8	43.4	38.2	41.1	38.3	42.2	33.4	-6.5	-1.4	-5.1	2.9	-2.9	-8.8
Importers' share (1):													
Canada	10.0	10.8	9.8	9.7	7.2	8.9	5.0	-2.8	0.8	-1.0	-0.1	-2.5	-3.9
Mexico	0.1	0.1	1.5	1.6	0.1	0.0	0.0	-0.0	0.0	1.4	0.1	-1.6	-0.0
All other sources	45.2	45.8	50.5	47.5	54.5	48.8	61.6	9.3	0.6	4.7	-2.9	6.9	12.8
Total imports	55.2	56.6	61.8	58.9	61.7	57.8	66.6	6.5	1.4	5.1	-2.9	2.9	8.8
U.S. consumption value:													
Amount	395,651	417,460	408,559	409,769	400,572	207,111	182,866	1.2	5.5	-2.1	0.3	-2.2	-11.7
Producers' share (1)	60.8	61.3	57.7	57.1	55.7	58.3	52.3	-5.1	0.6	-3.7	-0.6	-1.4	-6.0
Importers' share (1):													
Canada	4.3	4.6	4.5	4.4	3.6	4.3	2.6	-0.8	0.2	-0.0	-0.1	-0.9	-1.7
Mexico	0.0	0.0	0.1	0.1	0.0	0.0	0.0	-0.0	0.0	0.1	-0.1	-0.1	-0.0
All other sources	34.9	34.1	37.7	38.4	40.8	37.4	45.0	5.8	-0.8	3.6	0.7	2.4	7.6
Total imports	39.2	38.7	42.3	42.9	44.3	41.7	47.7	5.1	-0.6	3.7	0.6	1.4	6.0
U.S. imports from:													
Canada:													
Quantity	11,576	13,644	12,651	13,497	10,080	6,353	3,283	-12.9	17.8	-7.3	6.7	-25.3	-48.3
Value	17,044	19,003	18,483	18,084	14,246	8,922	4,793	-16.4	11.5	-2.7	-2.2	-21.2	-46.3
Unit value	$1,472	$1,393	$1,461	$1,340	$1,413	$1,404	$1,460	-4.0	-5.4	4.9	-8.3	5.5	3.9
Mexico:													
Quantity	61	78	1,944	2,240	72	23	0	18.4	27.3	2,398.6	15.2	-96.8	-100.0
Value	31	42	590	353	31	12	0	-0.8	33.8	1,314.6	-40.2	-91.2	-100.0
Unit value	$510	$536	$303	$157	$427	$529	(2)	-16.2	5.0	-43.4	-48.1	171.3	(2)
All other sources:													
Quantity	52,139	57,912	65,334	66,110	76,398	34,750	40,150	46.5	11.1	12.8	1.2	15.6	15.5
Value	138,182	142,355	153,883	157,316	163,304	77,459	82,371	18.2	3.0	8.1	2.2	3.8	6.3
Unit value	$2,650	$2,458	$2,355	$2,380	$2,138	$2,229	$2,052	-19.3	-7.2	-4.2	1.0	-10.2	-8.0
All sources:													
Quantity	63,770	71,633	79,930	81,847	86,550	41,126	43,433	35.7	12.3	11.6	2.4	5.7	5.6
Value	155,257	161,399	172,955	175,753	177,581	86,393	87,164	14.4	4.0	7.2	1.6	1.0	0.9
Unit value	$2,434	$2,253	$2,164	$2,147	$2,052	$2,101	$2,007	-15.7	-7.4	-4.0	-0.8	-4.4	-4.5
Inventories/shipments of imports (1)	30.1	24.7	28.3	31.5	36.5	30.2	40.7	6.3	-5.4	3.6	3.2	4.9	10.5
U.S. producers':													
Average capacity quantity	75,206	75,206	79,684	90,163	91,263	45,632	46,432	21.4	0.0	6.0	13.2	1.2	1.8
Production quantity	52,020	55,523	48,782	63,476	53,242	31,285	21,058	2.3	6.7	-12.1	30.1	-16.1	-32.7
Capacity utilization (1)	63.8	66.8	56.4	66.6	54.5	63.9	42.5	-9.3	3.0	-10.4	10.2	-12.1	-21.4
U.S. shipments:													
Quantity	51,684	54,879	49,480	57,186	53,647	30,061	21,765	3.8	6.2	-9.8	15.6	-6.2	-27.6
Value	240,394	256,061	235,604	234,036	222,991	120,718	95,702	-7.2	6.5	-8.0	-0.7	-4.7	-20.7
Unit value	$4,651	$4,666	$4,762	$4,093	$4,157	$4,016	$4,397	-10.6	0.3	2.1	-14.1	1.6	9.5
Export shipments:													
Quantity	292	682	726	772	1,498	761	759	412.3	133.6	6.5	6.3	93.8	-0.3
Value	2,109	4,416	4,385	4,533	6,869	3,577	3,916	225.7	109.4	-0.7	3.4	51.5	9.5
Unit value	$7,219	$6,475	$6,037	$5,869	$4,592	$4,696	$5,159	-36.4	-10.3	-6.8	-2.8	-21.8	9.9
Ending inventory quantity	16,059	15,841	14,202	19,457	17,932	20,787	16,744	11.7	-1.4	-10.3	37.0	-7.8	-19.4
Inventories/total shipments (1)	30.9	28.5	28.3	33.6	32.5	33.7	37.2	1.6	-2.4	-0.2	5.3	-1.1	3.4
Production workers	671	645	647	723	722	762	608	7.6	-3.9	0.3	11.7	-0.1	-20.2
Hours worked (1,000s)	1,409	1,382	1,376	1,584	1,636	930	731	16.1	-1.9	-0.4	15.1	3.2	-21.4
Wages paid ($1,000s)	31,201	32,784	29,331	34,648	33,713	20,624	14,169	8.1	5.1	-10.5	18.1	-2.7	-31.3
Hourly wages	$22.15	$23.73	$21.31	$21.87	$20.61	$22.17	$19.37	-6.9	7.1	-10.2	2.6	-5.7	-12.6
Productivity (tons/1,000 hours)	34.1	36.4	32.6	37.9	30.4	31.3	27.0	-10.8	6.8	-10.2	16.1	-19.8	-14.0
Unit labor costs	$653.39	$652.63	$652.86	$577.03	$578.16	$707.68	$718.62	4.3	0.4	0.0	-11.6	17.5	1.5
Net commercial sales:													
Quantity	***	***	***	***	***	***	***	***	***	***	***	***	***
Value	***	***	***	***	***	***	***	***	***	***	***	***	***
Unit value	***	***	***	***	***	***	***	***	***	***	***	***	***
Cost of goods sold (COGS)	***	***	***	***	***	***	***	***	***	***	***	***	***
Gross profit or (loss)	***	***	***	***	***	***	***	***	***	***	***	***	***
SG&A expenses	***	***	***	***	***	***	***	***	***	***	***	***	***
Operating income or (loss)	***	***	***	***	***	***	***	***	***	***	***	***	***
Capital expenditures	***	***	***	***	***	***	***	***	***	***	***	***	***
Unit COGS	***	***	***	***	***	***	***	***	***	***	***	***	***
Unit SG&A expenses	***	***	***	***	***	***	***	***	***	***	***	***	***
Unit operating income or (loss)	***	***	***	***	***	***	***	***	***	***	***	***	***
COGS/sales (1)	***	***	***	***	***	***	***	***	***	***	***	***	***
Operating income or (loss)/sales (1)	***	***	***	***	***	***	***	***	***	***	***	***	***

(1) "Reported data" are in percent and "period changes" are in percentage points.
(2) Not applicable.
(3) Undefined.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics

Table STAINLESS-C-7
Wire: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data 1996	1997	1998	1999	2000	January-June 2000	January-June 2001	Period changes 1996-00	1996-97	1997-98	1998-99	1999-00	January-June 2000-01
U.S. consumption quantity:													
Amount	111,152	124,167	125,177	126,977	136,092	72,012	60,419	22.4	11.7	0.8	1.4	7.2	-16.1
Producers' share (1)	75.4	75.9	75.5	80.5	77.0	77.7	72.7	1.6	0.5	-0.5	5.0	-3.5	-5.0
Importers' share (1):													
Canada	3.8	3.6	1.5	0.4	0.2	0.3	0.3	-3.6	-0.3	-2.1	-1.0	-0.2	-0.0
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.0	0.0	0.1
All other sources	20.7	20.5	23.1	19.1	22.8	22.0	26.9	2.1	-0.2	2.5	-4.0	3.7	4.9
Total imports	24.6	24.1	24.5	19.5	23.0	22.3	27.3	-1.6	-0.5	0.5	-5.0	3.5	5.0
U.S. consumption value:													
Amount	440,628	460,297	445,072	393,826	427,812	222,426	190,908	-2.9	4.5	-3.3	-11.5	8.6	-14.2
Producers' share (1)	72.7	72.7	72.5	77.3	72.9	74.7	69.8	0.3	0.1	-0.3	4.8	-4.3	-4.9
Importers' share (1):													
Canada	4.5	4.2	1.7	0.5	0.2	0.2	0.2	-4.2	-0.3	-2.4	-1.3	-0.3	0.0
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-0.0	-0.0	0.1
All other sources	22.9	23.1	25.8	22.2	26.8	25.0	29.8	3.9	0.2	2.7	-3.5	4.6	4.8
Total imports	27.3	27.3	27.5	22.7	27.1	25.3	30.2	-0.3	-0.1	0.3	-4.8	4.3	4.9
U.S. imports from:													
Canada:													
Quantity	4,267	4,420	1,817	556	310	203	165	-92.7	3.6	-58.9	-69.4	-44.2	-18.5
Value	19,626	19,210	7,751	1,915	982	528	461	-95.0	-2.1	-59.6	-75.3	-48.7	-12.7
Unit value	$4,599	$4,346	$4,265	$3,443	$3,164	$2,602	$2,788	-31.2	-5.5	-1.8	-19.3	-8.1	7.1
Mexico:													
Quantity	0.01	2	51	1	2	0.08	57	29,700.0	32,500.0	2,732.5	-97.3	21.2	74,891.3
Value	2	32	119	29	30	15	200	1,400.5	1,469.5	272.7	-76.0	6.7	1,255.8
Unit value	$367,958	$17,715	$2,331	$21,060	$18,527	$194,074	$3,509	-95.0	-95.2	-86.8	803.4	-12.0	-98.2
All other sources:													
Quantity	23,057	25,488	28,862	24,208	31,028	15,843	16,264	34.6	10.5	13.2	-16.1	28.2	2.7
Value	100,796	106,226	114,702	87,585	114,745	55,631	56,919	13.8	5.4	8.0	-23.6	31.0	2.3
Unit value	$4,372	$4,168	$3,974	$3,618	$3,698	$3,511	$3,500	-15.4	-4.7	-4.6	-9.0	2.2	-0.3
All sources:													
Quantity	27,324	29,910	30,730	24,766	31,340	16,046	16,486	14.7	9.5	2.7	-19.4	26.5	2.7
Value	120,425	125,467	122,572	89,529	115,757	56,174	57,580	-3.9	4.2	-2.3	-27.0	29.3	[illegible]
Unit value	$4,407	$4,195	$3,989	$3,615	$3,694	$3,501	$3,493	-16.2	-4.8	-4.9	-9.4	2.2	0.2
Inventories/shipments of imports (1)	27.9	10.6	10.5	152.7	73.3	102.8	88.2	45.3	-17.3	-0.1	142.2	-79.5	-14.6
U.S. producers':													
Average capacity quantity	139,524	142,461	138,280	151,695	157,242	78,810	77,580	12.7	2.1	-2.9	9.7	3.7	[illegible]
Production quantity	85,551	95,305	96,413	103,484	106,457	56,698	43,347	24.4	11.4	1.2	7.3	2.9	23.5
Capacity utilization (1)	61.3	66.6	69.3	67.8	67.2	71.4	55.4	5.9	5.3	2.7	-1.5	-0.6	16.0
U.S. shipments:													
Quantity	83,828	94,257	94,447	102,211	104,752	55,966	43,933	25.0	12.4	0.2	8.2	2.5	-21.5
Value	320,203	334,830	322,500	304,297	312,055	166,252	133,328	-2.5	4.6	-3.7	-5.6	2.5	-19.8
Unit value	$3,820	$3,552	$3,415	$2,977	$2,979	$2,971	$3,035	-22.0	-7.0	-3.9	-12.8	0.1	2.2
Export shipments:													
Quantity	1,359	1,382	1,378	1,277	1,607	887	791	18.2	1.7	-0.3	-7.3	25.8	-10.8
Value	6,630	6,824	6,574	6,229	7,126	3,741	3,217	7.5	2.9	-3.7	-5.2	14.4	-14.0
Unit value	$4,876	$4,937	$4,771	$4,878	$4,434	$4,217	$4,067	-9.1	1.3	-3.4	2.3	-9.1	-3.6
Ending inventory quantity	31,218	50,464	67,415	66,688	71,313	50,569	46,271	128.4	61.7	33.6	-1.1	6.9	-8.5
Inventories/total shipments (1)	36.6	52.8	70.4	64.4	67.0	44.5	51.7	30.4	18.1	17.6	-5.9	2.6	7.2
Production workers	1,119	1,097	1,056	1,022	1,017	1,021	935	-9.1	-2.0	-3.7	-3.2	-0.5	-8.4
Hours worked (1,000s)	2,332	2,310	2,184	2,133	2,124	1,094	930	-8.9	-0.9	-5.4	-2.4	-0.4	-15.0
Wages paid ($1,000s)	34,996	35,357	33,242	31,191	30,480	15,787	13,593	-12.9	1.0	-6.0	-6.2	-2.3	-13.9
Hourly wages	$15.01	$15.30	$15.22	$14.62	$14.35	$14.42	$14.62	-4.4	2.0	-0.6	-3.9	-1.9	1.3
Productivity (tons/1,000 hours)	36.7	41.1	43.9	48.2	49.7	51.4	46.2	35.6	12.0	6.8	9.9	3.2	-10.2
Unit labor costs	$409.07	$372.63	$346.06	[illegible]	$286.45	$280.43	$316.19	-29.5	-9.9	-6.9	-12.6	-4.9	[illegible]
Net commercial sales:													
Quantity	***	***	***	***	***	***	***	***	***	***	***	***	***
Value	***	***	***	***	***	***	***	***	***	***	***	***	***
Unit value	***	***	***	***	***	***	***	***	***	***	***	***	***
Cost of goods sold (COGS)	***	***	***	***	***	***	***	***	***	***	***	***	***
Gross profit or (loss)	***	***	***	***	***	***	***	***	***	***	***	***	***
SG&A expenses	***	***	***	***	***	***	***	***	***	***	***	***	***
Operating income or (loss)	***	***	***	***	***	***	***	***	***	***	***	***	***
Capital expenditures	***	***	***	***	***	***	***	***	***	***	***	***	***
Unit COGS	***	***	***	***	***	***	***	***	***	***	***	***	***
Unit SG&A expenses	***	***	***	***	***	***	***	***	***	***	***	***	***
Unit operating income or (loss)	***	***	***	***	***	***	***	***	***	***	***	***	***
COGS/sales (1)	***	***	***	***	***	***	***	***	***	***	***	***	***
Operating income or (loss)/sales (1)	***	***	***	***	***	***	***	***	***	***	***	***	***

(1) "Reported data" are in percent and "period changes" are in percentage points.
(2) Undefined.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table STAINLESS-C-8
Cloth: Summary data concerning the U.S. market, 1998-2000, January-June 2000, and January-June 2001

*   *   *   *   *   *   *

Table STAINLESS-C-9
Rope: Summary data concerning the U.S. market, 1998-2000, January-June 2000, and January-June 2001

*   *   *   *   *   *   *

Table STAINLESS-C-10

Seamless tubular: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs, and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	42,557	40,699	50,815	45,988	52,394	26,830	25,060	23.1	-4.4	24.9	-9.5	13.9	-6.6
Producers' share (1)	23.3	26.1	19.5	16.4	21.1	21.4	16.8	-2.1	2.9	-6.6	-3.1	4.8	-4.6
Importers' share (1):													
Canada	4.1	3.6	4.0	3.7	3.9	3.7	5.3	-0.2	-0.6	0.4	-0.3	0.2	1.6
Mexico	0.0	0.0	0.0	0.0	0.3	0.0	0.4	0.3	-0.0	0.0	0.0	0.2	0.4
All other sources	72.6	70.3	76.5	79.9	74.7	74.9	77.5	2.1	-2.3	6.2	3.4	-5.2	2.6
Total imports	76.7	73.9	80.5	83.6	78.9	78.6	83.2	2.1	-2.9	6.6	3.1	-4.8	4.6
U.S. consumption value:													
Amount	290,011	235,558	256,620	207,648	253,078	126,516	127,289	-12.7	-18.8	8.9	-19.1	21.9	0.6
Producers' share (1)	26.4	31.2	26.6	23.3	30.8	31.5	24.8	4.3	4.8	-4.6	-3.3	7.4	-6.7
Importers' share (1):													
Canada	7.8	6.8	7.8	8.4	9.3	8.7	12.3	1.4	-1.1	1.0	0.7	0.8	3.6
Mexico	0.0	0.0	0.0	0.0	0.1	0.0	1.0	0.1	-0.0	0.0	0.0	0.1	1.0
All other sources	65.7	62.0	65.6	68.2	59.8	59.8	61.9	-5.9	-3.8	3.6	2.6	-8.4	2.1
Total imports	73.6	68.8	73.4	76.7	69.2	68.5	75.2	-4.3	-4.8	4.6	3.3	-7.4	6.7
U.S. imports from:													
Canada:													
Quantity	1,761	1,450	2,029	1,708	2,062	993	1,340	17.1	-17.7	40.0	-15.8	20.8	35.0
Value	22,733	15,951	19,908	17,540	23,428	10,970	15,670	3.1	-29.8	24.8	-11.9	33.6	42.9
Unit value	$12,911	$11,004	$9,811	$10,271	$11,361	$11,052	$11,695	-12.0	-14.8	-10.8	4.7	10.6	5.8
Mexico:													
Quantity	2	0	1	12	141	3	96	6,496.8	-100.0	(2)	1,633.7	1,116.0	2,809.2
Value	12	0	4	18	354	27	1,273	2,949.5	-100.0	(2)	360.6	1,900.7	4,549.9
Unit value	$5,414	(2)	$5,725	$1,521	$2,503	$8,328	$13,310	-53.8	(2)	(2)	-73.4	64.5	59.8
All other sources:													
Quantity	30,897	28,613	38,874	36,743	39,122	20,090	19,424	26.6	-7.4	35.9	-5.5	6.5	-3.3
Value	190,659	146,011	168,353	141,615	151,458	75,697	78,794	-20.6	-23.4	15.3	-15.9	7.0	4.1
Unit value	$6,171	$5,103	$4,331	$3,854	$3,871	$3,768	$4,057	-37.3	-17.3	-15.1	-11.0	0.4	7.7
All sources:													
Quantity	32,660	30,063	40,904	38,462	41,326	21,086	20,859	26.5	-8.0	36.1	-6.0	7.4	1.1
Value	213,404	161,962	188,264	159,172	175,240	86,694	95,737	-17.9	-24.1	16.2	-15.5	10.1	10.4
Unit value	$6,534	$5,387	$4,603	$4,138	$4,240	$4,111	$4,590	-35.1	-17.5	-14.6	-10.1	2.5	11.6
Inventories/shipments of imports (1)	11.6	10.4	7.4	7.9	10.1	7.0	8.7	-1.4	-1.2	-2.9	0.5	2.2	1.7
U.S. producers':													
Average capacity quantity	17,582	19,506	20,587	22,709	27,913	14,102	14,680	58.8	10.9	5.5	10.3	22.9	4.1
Production quantity	12,023	13,262	12,940	10,462	15,025	9,031	7,645	25.0	10.3	-2.4	-19.1	43.6	-15.3
Capacity utilization (1)	68.4	68.0	62.9	46.1	53.8	64.0	52.1	-14.6	-0.4	-5.1	-16.8	7.8	-12.0
U.S. shipments:													
Quantity	9,897	10,636	9,911	7,526	11,068	5,744	4,201	11.8	7.5	-6.8	-24.1	47.1	-26.9
Value	76,607	73,596	68,356	48,474	77,838	39,822	31,552	1.6	-3.9	-7.1	-29.1	60.6	-20.8
Unit value	$7,740	$6,920	$6,897	$6,441	$7,033	$6,933	$7,511	-9.1	-10.6	-0.3	-6.6	9.2	8.3
Export shipments:													
Quantity	2,006	2,439	2,945	2,799	3,018	1,569	1,651	50.4	21.6	20.7	-5.0	7.8	5.2
Value	14,269	15,104	16,773	14,514	14,809	7,513	7,967	3.8	5.9	11.1	-13.5	2.0	6.0
Unit value	$7,113	$6,193	$5,695	$5,185	$4,907	$4,788	$4,826	-31.0	-12.9	-8.0	-9.0	-5.4	0.8
Ending inventory quantity	469	547	552	606	1,747	2,479	2,793	272.5	16.6	0.9	9.8	188.3	12.7
Inventories/total shipments (1)	3.9	4.2	4.3	5.9	12.4	16.9	23.9	8.5	0.2	0.1	1.6	6.5	6.9
Production workers	255	250	233	194	272	265	260	6.7	-2.0	-6.8	-16.7	40.2	-1.9
Hours worked (1,000s)	508	522	482	389	586	311	264	15.4	2.8	-7.7	-19.3	50.6	-15.1
Wages paid ($1,000s)	7,444	7,597	7,495	6,485	9,480	4,700	4,244	27.4	2.1	-1.3	-13.5	46.2	-9.7
Hourly wages	$14.65	$14.55	$15.55	$16.67	$16.18	$15.11	$16.08	10.4	-0.7	6.8	7.2	-3.0	6.4
Productivity (tons/1,000 hours)	23.7	25.4	26.8	26.9	25.6	29.0	29.0	8.3	7.3	5.7	0.2	-4.7	-0.3
Unit labor costs	$619.15	$572.84	$579.21	$619.86	$630.95	$520.43	$555.13	1.9	-7.5	1.1	7.0	1.8	6.7
Net commercial sales:													
Quantity	11,903	13,072	12,856	10,325	14,086	7,313	5,852	18.3	9.8	-1.7	-19.7	36.4	-20.0
Value	90,876	88,700	85,129	62,988	92,647	47,335	39,519	1.9	-2.4	-4.0	-26.0	47.1	-16.5
Unit value	$7,635	$6,785	$6,622	$6,101	$6,577	$6,473	$6,753	-13.9	-11.1	-2.4	-7.9	7.8	4.3
Cost of goods sold (COGS)	80,257	79,540	73,805	57,227	83,629	41,928	37,565	4.2	-0.9	-7.2	-22.5	46.1	-10.4
Gross profit or (loss)	10,619	9,160	11,324	5,761	9,018	5,407	1,954	-15.1	-13.7	23.6	-49.1	56.5	-63.9
SG&A expenses	3,993	3,955	3,981	3,631	4,674	2,370	2,543	17.1	-1.0	0.7	-8.8	28.7	7.3
Operating income or (loss)	6,626	5,205	7,343	2,130	4,344	3,037	(589)	-34.4	-21.4	41.1	-71.0	103.9	(3)
Capital expenditures	1,861	1,586	2,923	2,689	8,145	3,805	1,965	337.7	-14.8	84.3	-8.0	202.9	-48.4
Unit COGS	$6,743	$6,085	$5,741	$5,543	$5,937	$5,733	$6,419	-11.9	-9.8	-5.7	-3.5	7.1	12.0
Unit SG&A expenses	$335	$303	$310	$352	$332	$324	$435	-1.1	-9.8	2.3	13.6	-5.6	34.1
Unit operating income or (loss)	$557	$398	$571	$206	$308	$415	($101)	-44.6	-28.5	43.4	-63.9	49.5	(3)
COGS/sales (1)	88.3	89.7	86.7	90.9	90.3	88.6	95.1	2.0	1.4	-3.0	4.2	-0.6	6.5
Operating income or (loss)/sales (1)	7.3	5.9	8.6	3.4	4.7	6.4	(1.5)	-2.6	-1.4	2.8	-5.2	1.3	-7.9

(1) "Reported data" are in percent and "period changes" are in percentage points.
(2) Not applicable.
(3) Undefined.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table STAINLESS-C-11

Welded tubular: Summary data concerning the U.S. market, 1996-2000, January-June 2000, and January-June 2001

(Quantity=short tons, value=1,000 dollars, unit values, unit labor costs and unit expenses are per short ton; period changes=percent, except where noted)

Item	Reported data							Period changes					
						January-June							January-June
	1996	1997	1998	1999	2000	2000	2001	1996-00	1996-97	1997-98	1998-99	1999-00	2000-01
U.S. consumption quantity:													
Amount	112,720	138,809	139,678	164,094	162,758	91,794	73,557	44.4	23.1	0.6	17.9	-1.2	-19.9
Producers' share (1)	76.4	80.0	76.1	72.8	66.0	68.8	70.5	-10.4	3.7	-4.0	-3.3	-6.8	1.8
Importers' share (1):													
Canada	6.8	6.6	7.2	8.9	8.1	7.7	8.8	1.2	-0.3	0.7	1.6	-0.8	1.1
Mexico	1.1	1.4	1.5	0.3	0.6	0.4	0.6	-0.5	0.3	0.1	-1.2	0.3	0.2
All other sources	15.7	12.0	15.2	18.1	25.4	23.1	20.1	9.7	-3.7	3.2	2.9	7.3	-3.0
Total imports	23.6	20.0	23.9	27.2	34.0	31.2	29.5	10.4	-3.7	4.0	3.3	6.8	-1.8
U.S. consumption value:													
Amount	437,558	453,225	414,045	452,097	528,441	286,068	230,944	20.8	3.6	-8.6	9.2	16.9	-19.3
Producers' share (1)	77.6	80.9	77.5	73.6	69.2	71.4	71.7	-8.4	3.2	-3.4	-3.8	-4.4	0.3
Importers' share (1):													
Canada	8.0	8.4	10.2	12.7	10.7	10.2	12.2	2.7	0.3	1.9	2.4	-2.0	2.0
Mexico	0.9	0.8	1.0	0.2	0.4	0.3	0.5	-0.5	-0.0	0.2	-0.8	0.2	0.1
All other sources	13.5	9.9	11.3	13.5	19.7	18.0	15.6	6.2	-3.5	1.4	2.2	6.2	-2.4
Total imports	22.4	19.1	22.5	26.4	30.8	28.6	28.3	8.4	-3.2	3.4	3.8	4.4	-0.3
U.S. imports from:													
Canada:													
Quantity	7,712	9,122	10,091	14,577	13,125	7,073	6,481	70.2	18.3	10.6	44.5	-10.0	-8.4
Value	35,137	37,862	42,402	57,223	56,476	29,247	28,172	60.7	7.8	12.0	35.0	-1.3	-3.7
Unit value	$4,556	$4,151	$4,202	$3,925	$4,303	$4,135	$4,347	-5.6	-8.9	1.2	-6.6	9.6	5.1
Mexico:													
Quantity	1,188	1,948	2,097	486	939	369	417	-21.0	64.0	7.6	-76.8	93.0	13.1
Value	3,845	3,846	4,229	931	2,177	864	1,040	-43.4	0.0	9.9	-78.0	133.7	20.3
Unit value	$3,236	$1,974	$2,017	$1,915	$2,319	$2,344	$2,494	-28.3	-39.0	2.2	-5.1	21.1	6.4
All other sources:													
Quantity	17,708	16,626	21,226	29,779	41,344	21,231	14,781	133.5	-6.1	27.7	40.3	38.8	-30.4
Value	58,939	44,992	46,729	61,157	104,123	51,629	36,111	76.7	-23.7	3.9	30.9	70.3	-30.1
Unit value	$3,328	$2,706	$2,201	$2,054	$2,518	$2,432	$2,443	-24.3	-18.7	-18.7	-6.7	22.6	0.5
All sources:													
Quantity	26,608	27,690	33,414	44,843	55,408	28,673	21,679	108.2	4.1	20.6	34.2	23.6	-24.4
Value	97,921	86,700	93,359	119,312	162,776	81,741	65,323	66.2	-11.5	7.7	27.8	36.4	-20.1
Unit value	$3,680	$3,130	$2,794	$2,661	$2,938	$2,851	$3,013	-20.2	-14.9	-10.7	-4.8	10.4	5.7
Inventories/shipments of imports (1)	3.5	6.8	9.1	13.1	20.8	16.5	15.5	17.3	3.3	2.4	4.0	7.7	-1.0
U.S. producers':													
Average capacity quantity	137,369	177,339	188,418	193,554	206,487	102,774	110,774	50.3	29.1	6.2	2.7	6.7	7.8
Production quantity	86,658	121,214	111,813	128,983	113,430	67,956	51,441	30.9	39.9	-7.8	15.4	-12.1	-24.3
Capacity utilization (1)	63.1	68.4	59.3	66.6	54.9	66.1	46.4	-8.2	5.3	-9.0	7.3	-11.7	-19.7
U.S. shipments:													
Quantity	86,112	111,113	106,264	119,851	107,350	63,121	51,878	24.7	29.0	-4.4	12.8	-10.4	-17.8
Value	339,637	366,525	320,686	332,786	365,665	204,327	165,621	7.7	7.9	-12.5	3.8	9.9	-18.9
Unit value	$3,944	$3,299	$3,018	$2,777	$3,406	$3,237	$3,193	-13.6	-16.4	-8.5	-8.0	22.7	-1.4
Export shipments:													
Quantity	2,989	7,535	3,699	4,616	4,032	2,408	1,671	34.9	152.1	-50.9	24.8	-12.7	-30.6
Value	12,201	21,395	11,359	11,934	12,924	7,681	5,320	5.9	75.4	-46.9	5.1	8.3	-30.7
Unit value	$4,082	$2,839	$3,071	$2,585	$3,205	$3,190	$3,184	-21.5	-30.4	8.2	-15.8	24.0	-0.2
Ending inventory quantity	31,301	37,562	39,564	44,057	47,326	47,251	44,583	51.2	20.0	5.3	11.4	7.4	-5.6
Inventories/total shipments (1)	35.1	31.7	36.0	35.4	42.5	36.1	41.6	7.4	-3.5	4.3	-0.6	7.1	5.6
Production workers	1,095	1,259	1,122	1,228	1,223	1,243	1,156	11.7	15.0	-10.9	9.4	-0.4	-7.0
Hours worked (1,000s)	2,232	2,645	2,394	2,490	2,587	1,388	1,126	15.9	18.5	-9.5	4.0	3.9	-18.9
Wages paid ($1,000s)	30,475	33,257	31,833	33,576	35,671	19,259	16,257	17.1	9.1	-4.3	5.5	6.2	-15.6
Hourly wages	$13.65	$12.57	$13.30	$13.48	$13.79	$13.88	$14.44	1.0	-7.9	5.8	1.4	2.3	4.1
Productivity (tons/1,000 hours)	38.8	45.8	46.7	51.8	43.8	49.0	45.7	12.9	18.0	1.9	10.9	-15.3	-6.7
Unit labor costs	$351.67	$274.37	$284.70	$260.31	$314.49	$283.40	$316.02	-10.6	-22.0	3.8	-8.6	20.8	11.5
Net commercial sales:													
Quantity	93,593	101,956	98,058	108,648	92,338	54,411	47,684	-1.3	8.9	-3.8	10.8	-15.0	-12.4
Value	368,803	349,207	300,017	316,635	336,900	191,792	156,649	-8.7	-5.3	-14.1	5.5	6.4	-18.3
Unit value	$3,940	$3,425	$3,060	$2,914	$3,649	$3,525	$3,285	-7.4	-13.1	-10.7	-4.7	25.2	-6.8
Cost of goods sold (COGS)	308,748	292,800	269,133	272,361	287,152	157,463	143,944	-7.0	-5.2	-8.1	1.2	5.4	-8.6
Gross profit or (loss)	60,055	56,407	30,884	44,274	49,748	34,329	12,705	-17.2	-6.1	-45.2	43.4	12.4	-63.0
SG&A expenses	34,843	34,044	37,550	37,438	35,008	20,067	16,255	0.5	-2.3	10.3	-0.3	-6.5	-19.0
Operating income or (loss)	25,212	22,363	(6,666)	6,836	14,740	14,262	(3,550)	-41.5	-11.3	(2)	(2)	115.6	(2)
Capital expenditures	14,354	5,963	25,003	25,681	12,207	6,007	3,173	-15.0	-58.5	319.3	2.7	-52.5	-47.2
Unit COGS	$3,299	$2,872	$2,745	$2,507	$3,110	$2,894	$3,019	-5.7	-12.9	-4.4	-8.7	24.1	4.3
Unit SG&A expenses	$372	$334	$383	$345	$379	$369	$341	1.8	-10.3	14.7	-10.0	10.0	-7.5
Unit operating income or (loss)	$269	$219	($68)	$63	$160	$262	($74)	-40.7	-18.5	(2)	(2)	153.7	(2)
COGS/sales (1)	83.7	83.8	89.7	86.0	85.2	82.1	91.9	1.5	0.1	5.9	-3.7	-0.8	9.8
Operating income or (loss)/sales (1)	6.8	6.4	(2.2)	2.2	4.4	7.4	(2.3)	-2.5	-0.4	-8.6	4.4	2.2	-9.7

(1) "Reported data" are in percent and "period changes" are in percentage points.

(2) Undefined.

Note.--Financial data are reported on a fiscal year basis and may not necessarily be comparable to data reported on a calendar year basis. Because of rounding, figures may not add to the totals shown. Unit values and shares are calculated from the unrounded figures.

Source: Compiled from data submitted in response to Commission questionnaires and from official Commerce statistics.

Table STAINLESS-C-12
Fittings: Summary data concerning the U.S. market, 1998-2000, January-June 2000, and January-June 2001

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APPENDIX D

U.S. STEEL PRODUCERS

Table D-1
U.S. steel producers

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APPENDIX E

ATPA, CBERA, AND ISRAEL IMPORTS

Table E-1
Steel: U.S. imports from ATPA countries, by product, 1996-2000, January-June 2000, and January-June 2001

Product	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
	Quantity (short tons)						
Flat products:							
Slabs	0	0	0	0	0	0	0
Plate	0	27	0	0	0	0	0
Hot-rolled	0	0	0	68	0	0	0
Cold-rolled	0	0	0	0	0	0	0
GOES	0	0	0	0	0	0	0
Coated	110	3,113	3,560	6,532	9,965	6,369	377
Tin	0	0	0	0	0	0	0
Total	110	3,140	3,560	6,601	9,965	6,369	377
Long products:							
Ingots	0	56	0	0	0	0	0
Hot bar	0	0	0	62	82	0	0
Cold bar	1,372	1,137	3,317	932	1,462	302	400
Rebar	0	0	0	0	0	0	0
Rails	0	0	0	0	0	0	0
Wire	407	958	1,040	2,048	2,254	1,008	960
Rope	1,992	1,081	1,170	1,187	1,259	773	1,089
Nails	6,561	8,531	9,780	7,855	901	316	623
Shapes	0	0	4	8	5	0	1
Fabricated	0	0	8	935	288	1	52
Total	10,332	11,763	15,318	13,028	6,251	2,400	3,125
Tubular products:							
Seamless	0	0	0	25	0	0	7
Seamless OCTG	0	0	0	0	0	0	0
Welded	0	0	552	19,398	16,869	8,264	7,664
Welded OCTG	1,325	10,127	10,428	10,657	26,376	11,222	13,668
Fittings	4	1	0	26	5	5	45
Total	1,329	10,128	10,980	30,107	43,250	19,491	21,383
Stainless products:							
Slabs/ingots	0	0	0	0	0	0	0
Plate	0	0	0	0	0	0	0
Bar	5	0	0	0	0	0	0
Rod	0	0	0	0	0	0	0
Tool	0	0	0	0	0	0	0
Wire	3	0	0	45	0	0	0
Cloth	0	0	0	0	0	0	0
Rope	0	0	6	18	0	0	0
Seamless tubular	0	0	0	0	0	0	0
Welded tubular	0	0	0	0	0	0	0
Fittings	0	0	0	(1)	0	0	0
Total	9	0	6	63	0	0	0
Grand total	11,780	25,031	29,864	49,798	59,467	28,260	24,886

(1) Less than 0.5 short tons.

Source: Compiled from official Commerce statistics.

Table E-2
Steel: U.S. imports from CBERA countries, by product, 1996-2000, January-June 2000, and January-June 2001

Product	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
				Quantity (short tons)			
Flat products:							
Slabs	0	0	0	0	0	0	0
Plate	0	0	0	0	0	0	0
Hot-rolled	0	38	0	131	0	0	0
Cold-rolled	0	840	0	196	10	10	0
GOES	0	0	0	0	0	0	0
Coated	20	258	823	4,007	5,676	2,951	1,973
Tin	24	0	77	392	72	72	0
Total	44	1,136	900	4,726	5,758	3,032	1,973
Long products:							
Ingots	0	24,115	0	0	0	0	207
Hot bar	7,926	5,930	7,498	2,376	297	0	4,801
Cold bar	0	0	0	0	0	0	0
Rebar	0	290	0	846	1,751	11	10,255
Rails	0	0	0	0	0	0	0
Wire	4,760	3,622	4,991	7,627	13,537	7,897	1,648
Rope	0	440	149	20	90	88	0
Nails	6,687	6,083	7,096	6,758	8,439	4,287	3,493
Shapes	2	1	0	11	1	1	0
Fabricated	34	951	100	115	58	0	92
Total	19,409	41,432	19,834	17,753	24,173	12,285	20,497
Tubular products:							
Seamless	0	0	0	1	3	0	2
Seamless OCTG	0	0	0	0	0	0	0
Welded	0	5,979	6,401	4,792	3,373	2,317	3,549
Welded OCTG	(1)	0	0	0	0	0	0
Fittings	0	3	1	0	100	25	142
Total	(1)	5,982	6,402	4,793	3,475	2,342	3,693
Stainless products:							
Slabs/ingots	0	0	0	0	0	0	0
Plate	0	0	0	0	0	0	0
Bar	764	1,668	616	1,024	510	291	178
Rod	0	0	1	6	245	0	277
Tool	(1)	0	0	0	0	0	0
Wire	0	0	0	2	(1)	(1)	(1)
Cloth	0	0	10	0	0	0	0
Rope	4	(1)	23	11	76	76	3
Seamless tubular	0	0	(1)	0	0	0	4
Welded tubular	0	0	0	0	0	0	0
Fittings	(1)	49	70	23	17	11	5
Total	767	1,718	719	1,066	848	378	465
Grand total	20,221	50,268	27,857	28,338	34,254	18,037	26,628

(1) Less than 0.5 short tons.

Source: Compiled from official Commerce statistics.

Table E-3
Steel: U.S. imports from Israel, by product, 1996-2000, January-June 2000, and January-June 2001

Product	1996	1997	1998	1999	2000	January-June 2000	January-June 2001
	Quantity (short tons)						
Flat products:							
Slabs	0	0	0	0	0	0	0
Plate	9	0	0	0	1	0	0
Hot-rolled	0	0	0	0	0	0	0
Cold-rolled	513	(1)	0	5	1	1	0
GOES	0	0	0	0	0	0	0
Coated	10	0	0	1	0	0	1
Tin	0	0	0	0	0	0	0
Total	532	(1)	0	6	2	1	1
Long products:							
Ingots	0	0	0	0	0	0	0
Hot bar	48	218	25	25	67	20	118
Cold bar	0	0	0	0	0	0	0
Rebar	(1)	0	0	0	0	0	0
Rails	0	0	0	0	0	0	0
Wire	1,407	1,200	2,086	4,652	10,082	3,845	3,870
Rope	47	213	238	261	389	205	112
Nails	135	65	24	207	64	43	52
Shapes	0	13	35	(1)	0	0	0
Fabricated	23	13	32	78	489	98	1
Total	1,660	1,722	2,440	5,223	11,090	4,211	4,152
Tubular products:							
Seamless	0	4	(1)	1	(1)	0	0
Seamless OCTG	(1)	0	0	0	0	0	0
Welded	5,210	6,777	989	9	(1)	(1)	0
Welded OCTG	0	2	0	0	5	5	0
Fittings	822	652	213	287	326	115	217
Total	6,032	7,435	1,202	296	331	120	217
Stainless products:							
Slabs/ingots	0	3	0	0	0	0	0
Plate	0	0	0	0	0	0	0
Bar	7	(1)	(1)	169	178	175	37
Rod	0	0	0	0	2	0	3
Tool	0	0	0	5	0	0	6
Wire	22	0	6	23	(1)	(1)	1
Cloth	0	0	0	(1)	0	0	0
Rope	22	0	52	10	13	2	43
Seamless tubular	1	0	0	0	0	0	1
Welded tubular	0	(1)	(1)	8	0	0	0
Fittings	572	523	454	247	294	178	133
Total	623	526	512	462	486	355	223
Grand total	8,847	9,684	4,154	5,987	11,909	4,687	4,594

(1) Less than 0.5 short tons.

Source: Compiled from official Commerce statistics.