

**QUARTERLY SURVEY ON CERTAIN
STAINLESS STEEL AND ALLOY
TOOL STEEL (COVERING
THE THIRD QUARTER
OF 1986)**

**Report to the President on
Investigation No. 332-167
Under Section 332 of the
Tariff Act of 1930**

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UNITED STATES INTERNATIONAL TRADE COMMISSION

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NOTICE

The whole of the Commission's report to the President may not be made public since it contains certain information that has been classified by the United States Trade Representative or would result in the disclosure of the operations of individual concerns. This published report is the same as the report to the President, except that the above-mentioned information has been omitted (as indicated by asterisks).

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QUARTERLY REPORT ON CERTAIN STAINLESS STEEL AND ALLOY TOOL STEEL

HIGHLIGHTS

During the third quarter (July–September) 1986, compared to the second quarter of 1986:

- DOMESTIC PRODUCTION of the stainless steel and alloy tool steel products covered by the investigation decreased 16 percent to 238,961 tons; decreases occurred in all product categories.
- U.S. PRODUCERS' SHIPMENTS declined 8 percent to 247,461 tons.
- AVERAGE EMPLOYMENT of production and related workers decreased 4 percent to 10,636 workers.
- U.S. PRODUCERS' AND IMPORTERS' PRICES showed noteworthy declines and increases among products. There were more declines than increases in producers' prices compared with the previous quarter, but importers' prices showed more increases than decreases.
- U.S. IMPORTERS' UNFILLED ORDERS increased 10 percent to 45,582 tons.
- U.S. IMPORTERS' INVENTORIES decreased 8 percent to 21,473 tons.

U.S. production and producers' shipments

U.S. production of the stainless steel and alloy tool steel products covered by the investigation decreased overall from April–June 1986 to July–September 1986. There were production declines in all product categories, partly reflecting reduced activity resulting from traditional summer vacation schedules and reductions in plant operations. Concurrently, there were shipment declines in all product categories.

Employment and hours worked

The average number of all persons employed in producing the subject stainless steel and alloy tool steel decreased from 14,965 persons to 14,897 persons, or by 0.5 percent, from April-June 1986 to July-September 1986. Employment of production and related workers fell from 11,030 workers to 10,636 workers, or by 4 percent, over the same period. Total employment, and production and related worker employment, have been decreasing steadily since the second quarter of 1984. The number of hours worked by production and related workers declined by 13 percent during the period, reflecting a six-week strike by production workers at a company which produces stainless steel plates and bars.

U.S. producers' prices

Surveys of the weighted average prices of selected domestic stainless steel and alloy tool steel products showed more price declines than increases between April 1986 and September 1986 for sales to both service centers and end-users. The decreasing trend in producers' prices continues the downward pattern that occurred during the first half of 1986. The most noteworthy price decrease was for * * *.

U.S. importers' prices

Pricing data reported by U.S. importers for certain stainless steel and alloy tool steel products revealed more price increases than decreases between April 1986 and September 1986. The upward movements indicate a shift from the fluctuating pattern which had characterized importers' prices since early 1985. Price increases were recorded in certain shipments of * * *.

U.S. importers' unfilled orders and inventories

Data on importers' unfilled orders from foreign sources indicate an overall increase between June 30, 1986 and September 30, 1986. There were increases in such orders for * * * and decreases in orders for * * * during the period. Importers' inventories of * * * decreased between the two quarters, while inventories of * * * rose.

Table 1.--Certain stainless steel and alloy tool steel: U.S. production, U.S. producers' shipments, average number of all persons employed, average number of production and related workers employed, and number of man-hours worked by production and related workers, by specified periods, October 1982-September 1986

Period	U.S. production	U.S. producers' shipments	Average number of all persons employed	Average number of production and related workers employed	Man-hours worked by production and related workers
-----tons-----					
1982:					
Oct.-Dec.---	162,178	163,952	13,904	9,312	4,309,228
1983:					
Jan.-Mar.---	204,170	196,850	15,411	9,725	5,002,444
Apr.-Jun.---	234,292	230,994	14,782	10,069	5,583,320
Jul.-Sep.---	291,662	264,304	18,705	13,503	6,364,524
Oct.-Dec.---	315,624	293,239	19,088	13,652	6,936,212
1984:					
Jan.-Mar.---	340,076	314,040	19,781	14,551	7,722,925
Apr.-Jun.---	321,407	312,983	19,786	14,611	7,129,428
Jul.-Sep.---	231,874	251,268	19,279	13,961	6,371,301
Oct.-Dec.---	284,644	268,161	19,056	13,660	6,728,275
1985:					
Jan.-Mar.---	313,391	307,153	18,336	13,140	6,738,552
Apr.-Jun.---	323,894	313,349	17,836	12,923	6,839,863
Jul.-Sep.---	273,340	279,146	17,077	12,222	6,002,974
Oct.-Dec.---	254,487	272,054	16,170	11,467	5,782,460
1986:					
Jan.-Mar.---	265,905	272,872	15,567	11,240	5,790,222
Apr.-Jun.---	283,583	270,110	14,965	11,030	5,757,539
Jul.-Sep.---	238,961	247,461	14,897	10,636	5,000,457

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 2.--Certain stainless steel and alloy tool steel: U.S. production, by types and by specified periods, October 1982-September 1986

(In tons)

Period	Stainless steel				Alloy tool steel, all forms
	Sheets and strip	Plate	Bar	Rod	
1982:					
Oct.-Dec.---	107,873	23,145	17,321	5,067	8,772
1983:					
Jan.-Mar.---	143,081	22,538	21,113	6,195	11,243
Apr.-Jun.---	160,718	23,437	27,105	8,489	14,543
Jul.-Sep.---	215,116	24,690	31,123	8,174	12,559
Oct.-Dec.---	217,471	30,710	37,188	10,893	19,362
1984:					
Jan.-Mar.---	226,397	29,727	46,701	13,029	24,222
Apr.-Jun.---	201,604	35,433	47,088	13,462	23,820
Jul.-Sep.---	130,561	29,387	41,377	9,615	20,934
Oct.-Dec.---	176,174	33,747	42,782	11,015	20,926
1985:					
Jan.-Mar.---	203,589	35,734	46,158	10,071	17,839
Apr.-Jun.---	213,547	42,168	44,717	7,338	16,124
Jul.-Sep.---	185,045	34,944	32,367	5,620	15,364
Oct.-Dec.---	164,066	31,658	34,239	7,741	16,783
1986:					
Jan.-Mar.---	170,519	29,739	37,164	10,098	16,385
Apr.-Jun.---	185,467	33,434	37,368	9,585	17,729
Jul.-Sep.---	158,705	26,713	28,636	8,891	16,016
1986:					
July-----	57,322	10,590	10,578	2,724	4,352
August-----	51,422	7,968	9,227	2,941	6,530
September---	49,961	8,155	8,831	3,226	5,134

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 3.--Certain stainless steel and alloy tool steel. U.S. producers' shipments, by types, by specified periods, October 1982-September 1986

(In tons)

Period	Stainless steel				Alloy tool steel, all forms
	Sheets and strip	Plate	Bar	Rod	
1982:					
Oct.-Dec.---	107,711	21,512	19,594	5,188	9,947
1983:					
Jan.-Mar.---	132,297	22,565	24,172	5,976	11,840
Apr.-Jun.---	159,874	24,479	25,380	8,239	13,022
Jul.-Sep.---	192,448	24,314	26,534	7,863	13,145
Oct.-Dec.---	209,154	27,732	32,024	9,918	14,411
1984:					
Jan.-Mar.---	210,616	29,591	41,436	12,201	20,196
Apr.-Jun.---	201,518	30,680	42,246	14,096	24,443
Jul.-Sep.---	155,535	28,093	38,212	10,434	18,994
Oct.-Dec.---	169,922	28,439	37,476	12,490	19,834
1985:					
Jan.-Mar.---	205,907	36,108	37,281	9,623	18,234
Apr.-Jun.---	207,267	40,779	40,479	7,232	17,592
Jul.-Sep.---	190,149	36,739	31,550	5,900	14,808
Oct.-Dec.---	183,923	32,018	32,014	8,173	15,926
1986:					
Jan.-Mar.---	177,724	31,106	36,834	9,436	17,772
Apr.-Jun.---	176,310	32,375	35,516	9,785	16,124
Jul.-Sep.---	165,964	26,516	31,200	9,170	14,611
1986:					
July-----	57,572	10,525	10,594	2,854	4,665
August-----	55,506	8,266	10,003	2,910	4,929
September---	52,886	7,725	10,603	3,406	5,016

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 4.--Certain stainless steel and alloy tool steel: Average number of all persons employed in U.S. establishments in which certain stainless steel and alloy tool steel products are produced, by specified periods, October 1982'- September 1986

Period	Stainless steel				Alloy tool steel, all forms
	Sheets and strip	Plate	Bar	Rod	
1982:					
Oct.-Dec.-----	4,320	1,609	3,497	873	3,605
1983:					
Jan.-Mar.-----	6,249	1,459	3,422	796	3,485
Apr.-Jun.-----	5,234	1,514	3,450	1,027	3,557
Jul.-Sep.-----	8,388	1,542	4,112	1,090	3,573
Oct.-Dec.-----	8,226	1,498	4,316	1,234	3,814
1984:					
Jan.-Mar.-----	8,748	1,326	4,490	1,264	3,953
Apr.-Jun.-----	7,789	1,526	5,016	1,304	4,151
Jul.-Sep.-----	6,573	1,712	5,700	1,158	4,136
Oct.-Dec.-----	6,472	1,754	5,385	1,244	4,201
1985:					
Jan.-Mar.-----	6,555	1,619	5,213	990	3,959
Apr.-Jun.-----	6,405	1,900	5,658	754	3,117
Jul.-Sep.-----	6,320	1,845	5,192	706	3,014
Oct.-Dec.-----	5,985	1,607	4,810	866	2,902
1986:					
Jan.-Mar.-----	5,353	1,416	4,803	943	3,051
Apr.-Jun.-----	5,061	1,522	4,454	956	2,972
Jul.-Sep.-----	5,222	1,555	4,299	1,024	2,797
1986:					
July-----	5,639	1,510	4,292	851	2,880
August-----	4,982	1,524	4,425	1,088	2,825
September-----	5,046	1,631	4,180	1,133	2,686

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 5.--Certain stainless steel and alloy tool steel: Average number of production and related workers employed in U.S. establishments in which certain stainless steel and alloy tool steel products are produced, by specified periods, October 1982 - September 1986

Period	Stainless steel				Alloy tool steel, all forms
	Sheets and strip	Plate	Bar	Rod	
1982:					
Oct.-Dec.-----	3,243	1,162	2,037	476	2,394
1983:					
Jan.-Mar.-----	3,854	1,056	2,004	456	2,355
Apr.-Jun.-----	3,842	1,115	2,126	598	2,388
Jul.-Sep.-----	6,656	1,075	2,656	666	2,450
Oct.-Dec.-----	6,466	1,115	3,024	780	2,267
1984:					
Jan.-Mar.-----	6,987	977	3,024	807	2,756
Apr.-Jun.-----	6,272	1,082	3,496	847	2,914
Jul.-Sep.-----	5,129	1,220	3,958	735	2,919
Oct.-Dec.-----	4,983	1,233	3,749	782	2,913
1985:					
Jan.-Mar.-----	5,099	1,126	3,548	636	2,731
Apr.-Jun.-----	5,006	1,418	3,852	463	2,184
Jul.-Sep.-----	4,836	1,337	3,521	443	2,085
Oct.-Dec.-----	4,527	1,158	3,280	528	1,974
1986:					
Jan.-Mar.-----	4,023	1,115	3,350	621	2,130
Apr.-Jun.-----	4,107	1,126	3,102	635	2,061
Jul.-Sep.-----	4,003	1,122	2,901	659	1,951
1986:					
July-----	4,328	1,090	2,671	589	2,010
August-----	3,827	1,102	3,132	668	1,980
September-----	3,853	1,174	2,901	721	1,863

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 6.--Certain stainless steel and alloy tool steel: Number of man-hours worked by production and related workers in U.S. establishments in which certain stainless steel and alloy tool steel products are produced, by specified periods, October 1982-September 1986

Period	Stainless steel				Alloy tool steel, all forms
	Sheets and strip	Plate	Bar	Rod	
1982:					
Oct.-Dec.---	1,881,440	390,777	879,812	187,186	970,013
1983:					
Jan.-Mar.---	2,384,759	436,443	1,002,148	219,000	960,094
Apr.-Jun.---	2,668,251	465,570	1,106,076	302,000	1,041,423
Jul.-Sep.---	3,020,375	486,076	1,484,447	325,431	1,048,195
Oct.-Dec.---	3,099,366	450,775	1,736,844	408,380	1,240,847
1984:					
Jan.-Mar.---	3,500,712	480,128	1,898,138	456,520	1,387,427
Apr.-Jun.---	2,820,172	559,518	1,846,557	461,516	1,441,665
Jul.-Sep.---	2,301,369	559,121	1,712,532	365,165	1,433,114
Oct.-Dec.---	2,388,108	645,249	1,837,000	394,702	1,463,216
1985:					
Jan.-Mar.---	2,534,419	610,130	1,839,220	333,347	1,421,436
Apr.-Jun.---	2,664,684	845,420	1,963,597	242,741	1,123,421
Jul.-Sep.---	2,476,419	697,449	1,635,601	207,594	985,911
Oct.-Dec.---	2,314,630	625,429	1,592,194	262,699	987,508
1986:					
Jan.-Mar.---	2,124,130	559,331	1,713,397	327,497	1,065,867
Apr.-Jun.---	2,195,012	589,025	1,577,287	337,943	1,058,272
Jul.-Sep.---	1,972,141	453,443	1,340,791	298,208	935,874
1986:					
July-----	738,585	172,141	427,026	98,672	322,665
August-----	613,382	142,017	466,193	94,477	305,658
September----	620,174	139,285	447,572	105,059	307,551

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 7a.--Stainless steel sheets (cold-rolled) 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price	Weighted average	Range	Average price of total quantity shipped	Weighted average
U.S. producers						
1986:						
April-----	1,514 - 1,681		1,593	1,573 - 1,736		1,662
May-----	1,480 - 1,592		1,553	1,595 - 1,639		1,615
June-----	1,568 - 1,633		1,600	1,623 - 1,677		1,644
July-----	1,552 - 1,634		1,589	1,614 - 1,663		1,653
August-----	1,605 - 1,634		1,621	1,634 - 1,755		1,687
September---	* * *		* * *	1,614 - 1,770		1,670
U.S. importers						
1986:						
Apr.-Jun.---	* * *		* * *	* * *		* * *
Jul.-Sep.---	1,596 - 1,934		1,742	1,596 - 1,952		1,772

1/ Grade 304, 2B finish, 16 gage, 36" - 48", coil.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 7b.--Stainless steel sheets (cold-rolled) 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price	Weighted average	Range	Average price of total quantity shipped	Weighted average
U.S. producers						
1986:						
April-----	* * *		* * *	* * *		* * *
May-----	* * *		* * *	* * *		* * *
June-----	* * *		* * *	* * *		* * *
July-----	* * *		* * *	1,548 - 1,644		1,608
August-----	* * *		* * *	* * *		* * *
September----	* * *		* * *	1,503 - 1,656		1,566
U.S. importers						
1986:						
Apr.-Jun.----	* * *		* * *	* * *		* * *
Jul.-Sep.----	* * *		* * *	* * *		* * *

1/ Grade 304, 2B finish, 16 gage, 36" - 48", coil.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 8a.--Stainless steel sheets (cold-rolled) 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price	Weighted average	Range	Average price of total quantity shipped	Weighted average

U.S. producers						

1986:						
April-----	-		-	-		-
May-----	-		-	-		-
June-----	-		-	-		-
July-----	* * *		* * *	* * *		* * *
August-----	-		-	-		-
September----	-		-	-		-

U.S. importers						

1986:						
Apr.-Jun.----	* * *		* * *	* * *		* * *
Jul.-Sep.----	* * *		* * *	* * *		* * *

1/ Grade 430, BA finish, 24 gage, 12" - 24", coil.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 2b.--Stainless steel sheets (cold-rolled) 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers 2/ to end-use customers, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price	Weighted average	Range	Average price of total quantity shipped	Weighted average
U.S. producers						
1986:						
April-----	* * *		* * *	* * *		* * *
May-----	* * *		* * *	* * *		* * *
June-----	* * *		* * *	* * *		* * *
July-----	* * *		* * *	* * *		* * *
August-----	* * *		* * *	* * *		* * *
September----	* * *		* * *	* * *		* * *
U.S. importers						
1986:						
Apr.-Jun.----	-		-	-		-
Jul.-Sep.----	* * *		* * *	* * *		* * *

1/ Grade 430, BA finish, 24 gage, 12" - 24", coil.

2/ Importers did not report sales to end-use customers during this period.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 9a.--Stainless steel sheets (cold-rolled) 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price	Weighted average	Range	Average price of total quantity shipped	Weighted average
U.S. producers						
1986:						
April-----	* * *	* * *		2,141 - 2,204		2,156
May-----	* * *	* * *		2,147 - 2,370		2,310
June-----	* * *	* * *		2,079 - 2,270		2,123
July-----	* * *	* * *		* * *		* * *
August-----	* * *	* * *		* * *		* * *
September----	* * *	* * *		* * *		* * *
U.S. importers						
1986:						
Apr.-Jun.----	* * *	* * *		* * *		* * *
Jul.-Sep.----	* * *	* * *		* * *		* * *

1/ Grade 316, 2B finish, 16 gage, 36" - 48", coil.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 9b.--Stainless steel sheets (cold-rolled) 1/1: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price	Weighted average	Range	Average price of total quantity shipped	Weighted average
U.S. producers						
1986:						
April-----	***		***	***		***
May-----	***		***	***		***
June-----	***		***	***		***
July-----	-		-	-		-
August-----	-		-	-		-
September----	-		-	-		-
U.S. importers						
1986:						
Apr.-Jun.----	***		***	***		***
Jul.-Sep.----	***		***	***		***

1/ Grade 316, 2B finish, 16 gage, 36" - 48", coil.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 10a.--Stainless steel sheets (cold-rolled) 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors; by periods indicated, April - September 1986.

(Dollars per ton)

Period	Range	Lowest price	Weighted average	Range	Average price of total quantity shipped	Weighted average

U.S. producers						

1986:						
April-----	***		***	***		***
May-----	***		***	***		***
June-----	-		-	-		-
July-----	-		-	-		-
August-----	-		-	-		-
September----	-		-	-		-

U.S. importers						

1986:						
Apr.-Jun.----	1,336 - 1,474		1,391	***		***
Jul.-Sep.----	1,389 - 1,664		1,512	1,493 - 1,664		1,587

1/ Grade 430, BA finish, 20 gage, 36" - 48", coil.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 10b.--Stainless steel sheets (cold-rolled) 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers 2/ and importers to end-use customers, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price		Average price of total quantity shipped	
		Weighted average	Range	Weighted average	Range
----- U.S. importers -----					
1986:					
Apr.-Jun.----	* * *	* * *	* * *	* * *	* * *
Jul.-Sep.----	* * *	* * *	* * *	* * *	* * *

1/ Grade 430, BA finish, 20 gage, 36" - 48", coil.

2/ Producers did not report sales to end-use customers during this period.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 11a.--Stainless steel plate 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price	Weighted average	Range	Average price of total quantity shipped	Weighted average

U.S. producers						

1986:						
April-----	***		***	***		***
May-----	***		***	1,847 - 1,962		1,878
June-----	***		***	***		***
July-----	***		***	1,748 - 1,925		1,843
August-----	1,633 - 1,765		1,732	1,678 - 1,860		1,801
September----	***		***	1,682 - 1,800		1,775

U.S. importers						

1986:						
Apr.-Jun.----	***		***	***		***
Jul.-Sep.----	***		***	***		***

1/ Grade 304, HRAP, 1/2" x 72" - 96" x 240" - 290".

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 11b.--Stainless steel plate 1/; Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price	Weighted average	Range	Average price of total quantity shipped	Weighted average
U.S. producers						
1986:						
April-----	* * *		* * *	* * *		* * *
May-----	* * *		* * *	* * *		* * *
June-----	-		-	-		-
July-----	* * *		* * *	* * *		* * *
August-----	* * *		* * *	* * *		* * *
September----	* * *		* * *	* * *		* * *
U.S. importers						
1986:						
Apr.-Jun.----	* * *		* * *	* * *		* * *
Jul.-Sep.----	* * *		* * *	* * *		* * *

1/ Grade 304, HRAP, 1/2" x 72" - 96" x 240" - 290".

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 12a.--Stainless steel plate 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U. S. producers and importers to steel service centers or distributors, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price		Average price of total quantity shipped	
			Weighted average	Range	Weighted average
----- U.S. producers -----					
1986:					
April-----	* * *		* * *	* * *	* * *
May-----	* * *		* * *	2,515 - 2,701	2,635
June-----	* * *		* * *	* * *	* * *
July-----	* * *		* * *	2,462 - 2,860	2,657
August-----	* * *		* * *	2,376 - 2,680	2,549
September----	* * *		* * *	* * *	* * *
----- U.S. importers -----					
1986:					
Apr.-Jun.----	* * *		* * *	* * *	* * *
Jul.-Sep.----	-		-	-	-

1/ Grade 316L, HRAP, 1/4" x 72" - 96" x 240" - 290".					

Source: Compiled from data submitted in response to questionnaires of the U. S. International Trade Commission.

Table 12b.--Stainless steel plate 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price	Weighted average	Range	Average price of total quantity shipped	Weighted average

U.S. producers						

1986:						
April-----	* * *		* * *	* * *		* * *
May-----	* * *		* * *	* * *		* * *
June-----	* * *		* * *	* * *		* * *
July-----	* * *		* * *	* * *		* * *
August-----	* * *		* * *	* * *		* * *
September----	* * *		* * *	* * *		* * *

U.S. importers						

1986:						
Apr.-Jun.----	* * *		* * *	* * *		* * *
Jul.-Sep.----	* * *		* * *	* * *		* * *

1/ Grade 316L, HRAP, 1/4" x 72" - 96" x 240" - 290".

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 13a.--Stainless steel plate 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price	Weighted average	Range	Average price of total quantity shipped Weighted average
----- U.S. producers -----					
1986:					
April-----	***		***	1,920 - 2,083	1,976
May-----	***		***	***	***
June-----	***		***	2,000 - 2,083	2,026
July-----	1,855 - 1,984		1,937	1,855 - 2,020	1,986
August-----	***		***	1,781 - 2,046	1,945
September----	***		***	1,782 - 1,946	1,882
----- U.S. importers -----					
1986:					
Apr.-Jun.----	***		***	***	***
Jul.-Sep.----	***		***	***	***

1/ Grade 304, HRAP, 1/4" x 72" - 96" x 240" - 290".					

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 13b.--Stainless steel plate 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price		Average price of total quantity shipped	
			Weighted average	Range	Weighted average

U.S. producers					

1986:					
April-----	* * *		* * *	* * *	* * *
May-----	* * *		* * *	* * *	* * *
June-----	* * *		* * *	* * *	* * *
July-----	* * *		* * *	* * *	* * *
August-----	* * *		* * *	* * *	* * *
September----	* * *		* * *	* * *	* * *

U.S. importers					

1986:					
Apr.-Jun.----	* * *		* * *	* * *	* * *
Jul.-Sep.----	* * *		* * *	* * *	* * *

1/ Grade 304, HRAP, 1/4" x 72" - 96" x 240" - 290".

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 14a.--Stainless steel plate 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price		Average price of total quantity shipped	
			Weighted average	Range	Weighted average
----- U.S. producers -----					
1986:					
April-----	***		***	2,380 - 2,442	2,529
May-----	***		***	***	***
June-----	***		***	2,420 - 2,506	2,453
July-----	2,285 - 2,440		2,365	2,285 - 2,518	2,390
August-----	2,217 - 2,340		2,270	2,217 - 2,449	2,361
September----	2,217 - 2,320		2,289	2,217 - 2,411	2,366
----- U.S. importers -----					
1986:					
Apr.-Jun.----	***		***	***	***
Jul.-Sep.----	***		***	***	***

1/ Grade 316, HRAP, 1/2" x 72" - 96" x 240" - 290".					

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 14b.--Stainless steel plate 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price		Average price of total quantity shipped	
			Weighted average	Range	Weighted average
----- U.S. producers -----					
1986:					
April-----	* * *		* * *	* * *	* * *
May-----	* * *		* * *	* * *	* * *
June-----	-		-	-	-
July-----	-		-	-	-
August-----	-		-	-	-
September---	-		-	-	-
----- U.S. importers -----					
1986:					
Apr.-Jun.----	-		-	-	-
Jul.-Sep.----	* * *		* * *	* * *	* * *

1/ Grade 316, HRAP, 1/2" x 72" - 96" x 240" - 290".

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 15a.--Stainless steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price	Weighted average	Range	Average price of total quantity shipped	Weighted average
U.S. producers						
1986:						
April-----	2,025 - 2,350		2,162	2,204 - 2,400		2,277
May-----	1,981 - 2,320		2,202	2,228 - 2,377		2,292
June-----	2,035 - 2,310		2,199	2,212 - 2,357		2,259
July-----	1,938 - 2,200		2,120	2,069 - 2,360		2,283
August-----	1,600 - 2,200		2,082	2,034 - 2,341		2,211
September----	1,884 - 2,180		2,043	2,024 - 2,309		2,176
U.S. importers						
1986:						
Apr.-Jun.----	2,020 - 2,220		2,107	* * *		* * *
Jul.-Sep.----	* * *		* * *	* * *		* * *

1/ Grade 304, cold-formed, 1 1/2" - 4 3/4", round.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 15b.--Stainless steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price		Average price of total quantity shipped	
			Weighted average	Range	Weighted average
----- U.S. producers -----					
1986:					
April-----	1,600 - 2,750		2,092	2,116 - 3,618	2,406
May-----	2,200 - 2,750		2,469	2,332 - 3,619	3,163
June-----	1,120 - 2,750		1,535	1,360 - 3,624	2,101
July-----	1,060 - 2,650		1,615	1,282 - 3,621	2,137
August-----	2,250 - 2,571		2,373	2,260 - 3,435	3,071
September----	1,169 - 2,680		2,162	1,494 - 3,466	2,423
----- * U.S. importers -----					
1986:					
Apr.-Jun.----	* * *		* * *	* * *	* * *
Jul.-Sep.----	1,837 - 3,449		2,567	1,837 - 3,449	2,725

1/ Grade 304, cold-formed, 1 1/2" - 4 3/4", round.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 16a.--Stainless steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U. S. producers and importers to steel service centers or distributors, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price		Average price of total quantity shipped	
			Weighted average	Range	Weighted average
----- U.S. producers -----					
1986:					
April-----	2,450 - 2,600		2,476	* * *	* * *
May-----	* * *		* * *	* * *	* * *
June-----	2,400 - 2,935		2,538	2,560 - 3,022	2,568
July-----	2,320 - 2,845		2,447	2,580 - 3,108	2,629
August-----	2,327 - 3,000		2,510	2,475 - 3,062	2,610
September----	2,400 - 3,106		2,491	2,496 - 3,402	2,654
----- U.S. importers -----					
1986:					
Apr.-Jun.----	-		-	-	-
Jul.-Sep.----	-		-	-	-

1/ Grade 303, cold-formed, 20/32" - 31/32", round.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 16b.--Stainless steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price		Average price of total quantity shipped	
			Weighted average	Range	Weighted average
----- U.S. producers -----					
1986:					
April-----	2,226 - 3,360		3,207	2,508 - 3,947	3,691
May-----	2,680 - 3,980		3,202	* * *	* * *
June-----	* * *		* * *	* * *	* * *
July-----	2,500 - 3,360		3,118	2,716 - 3,982	3,726
August-----	2,218 - 3,410		3,278	3,360 - 4,178	3,749
September----	2,540 - 3,860		3,101	2,668 - 4,030	3,516
----- U.S. importers -----					
1986:					
Apr.-Jun.----	* * *		* * *	* * *	* * *
Jul.-Sep.----	* * *		* * *	* * *	* * *

1/ Grade 303, cold-formed, 20/32" - 31/32", round.					

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 17a.--Stainless steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price		Average price of total quantity shipped	
			Weighted average	Range	Weighted average
----- U.S. producers -----					
1986:					
April-----	1,840 - 2,180		2,091	1,960 - 2,180	2,066
May-----	* * *		* * *	1,940 - 2,180	2,082
June-----	1,820 - 2,160		2,042	1,920 - 2,240	2,138
July-----	1,900 - 2,373		2,142	1,960 - 3,078	2,165
August-----	2,000 - 2,570		2,247	2,000 - 2,818	2,364
September----	1,770 - 2,160		1,977	1,770 - 2,180	2,014
----- U.S. importers -----					
1986:					
Apr.-Jun.----	1,940 - 2,400		2,060	1,940 - 2,725	2,184
Jul.-Sep.----	* * *		* * *	* * *	* * *
----- 1/ Grade 304, hot-rolled, 1 1/2" - 4 3/4", round. -----					

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 17b.--Stainless steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price Weighted average	Range	Average price of total quantity shipped Weighted average
----- U.S. producers -----				
1986:				
April-----	828 - 2,625	1,450	828 - 2,994	1,956
May-----	1,900 - 2,800	2,167	2,050 - 2,800	2,296
June-----	* * *	* * *	1,122 - 2,474	1,767
July-----	1,980 - 2,840	2,652	2,200 - 3,328	2,836
August-----	1,600 - 2,295	2,137	2,295 - 2,874	2,617
September----	1,900 - 2,840	2,138	2,180 - 3,396	2,605
----- U.S. importers -----				
1986:				
Apr.-Jun.----	* * *	* * *	* * *	* * *
Jul.-Sep.----	* * *	* * *	* * *	* * *
----- 1/ Grade 304, hot-rolled, 1 1/2" - 4 3/4", round. -----				

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 16a.--Stainless steel bars 1/; Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price		Average price of total quantity shipped	
			Weighted average	Range	Weighted average
----- U.S. producers -----					
1986:					
April-----	1,670 - 2,140		2,037	1,730 - 2,140	2,002
May-----	* * *		* * *	1,791 - 2,178	1,943
June-----	1,050 - 1,800		1,625	1,050 - 1,939	1,737
July-----	1,800 - 2,140		1,828	1,800 - 2,140	1,937
August-----	1,040 - 1,900		1,585	1,067 - 2,018	1,642
September----	1,700 - 1,800		1,706	1,800 - 1,894	1,892
----- U.S. importers -----					
1986:					
Apr.-Jun.----	* * *		* * *	* * *	* * *
Jul.-Sep.----	-		-	-	-

1/ Grade 410, hot-rolled, 1 1/2" - 4 3/4", round.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 19b.--Stainless steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers 2/ to end-use customers, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price		Average price of total quantity shipped	
			Weighted average	Range	Weighted average
----- U.S. producers -----					
1986:					
April-----	* * *		* * *	1,000 - 3,365	2,049
May-----	* * *		* * *	980 - 3,122	2,387
June-----	960 - 2,480		1,966	970 - 3,325	2,274
July-----	1,100 - 2,427		2,041	1,100 - 3,307	2,694
August-----	1,210 - 3,340		1,669	1,210 - 3,365	2,465
September----	2,480 - 2,898		2,667	2,728 - 3,548	3,424
----- U.S. importers -----					
1986:					
Apr.-Jun.----		-	-	-	-
Jul.-Sep.----	* * *		* * *	* * *	* * *

1/ Grade 410, hot-rolled, 1 1/2" - 4 3/4", round.

2/ Importers did not report sales to end-use customers during this period.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 19.--Stainless steel wire rod 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price	Weighted average	Range	Average price of total quantity shipped	Weighted average

U.S. producers						

1986:						
April-----	1,614 - 1,700		1,632	1,676 - 1,826		1,738
May-----	1,597 - 1,700		1,630	1,644 - 1,752		1,711
June-----	1,160 - 1,659		1,559	1,698 - 1,870		1,800
July-----	1,614 - 1,700		1,659	1,651 - 1,917		1,762
August-----	1,160 - 1,585		1,339	1,663 - 1,904		1,748
September----	* * *		* * *	1,676 - 1,820		1,736

U.S. importers						

1986:						
Apr.-Jun.----	1,600 - 1,780		1,638	1,640 - 1,780		1,664
Jul.-Sep.----	* * *		* * *	1,660 - 1,870		1,688

1/ Grades 302 or 304, .217" - .250", round.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 20.--Alloy tool steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price		Average price of total quantity shipped	
			Weighted average	Range	Weighted average
----- U.S. producers -----					
1986:					
April-----	***		***	***	***
May-----	2,080 - 4,580		2,482	2,080 - 4,580	2,718
June-----	2,080 - 4,980		2,550	2,080 - 4,980	2,694
July-----	2,098 - 4,980		2,428	2,300 - 4,980	2,626
August-----	2,080 - 5,600		2,278	2,080 - 5,600	2,337
September---	2,080 - 4,980		2,234	2,080 - 4,980	2,588
----- U.S. importers -----					
1986:					
Apr.-Jun.----	1,940 - 2,199		2,100	***	***
Jul.-Sep.----	***		***	***	***

1/ Grade H-13, annealed, rough-turned, 3 1/8" - 5 1/16", round.					

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 21.--Alloy tool steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price	Weighted average	Range	Average price of total quantity shipped	Weighted average

U.S. producers						

1986:						
April-----	5,280 - 7,200		6,063	6,027 - 7,908		6,707
May-----	5,539 - 7,200		6,136	5,785 - 7,566		6,521
June-----	5,580 - 7,200		6,072	6,146 - 7,350		6,575
July-----	5,580 - 7,200		5,976	6,094 - 7,500		6,630
August-----	5,280 - 7,200		5,961	5,884 - 7,671		6,442
September----	5,580 - 7,200		5,865	5,833 - 7,500		6,415

U.S. importers						

1986:						
Apr.-Jun.----	5,800 - 7,200		6,189	5,851 - 7,200		6,444
Jul.-Sep.----	5,660 - 7,200		5,945	5,923 - 7,200		6,485

1/ Grade M-2, annealed, centerless ground or rough turned, 1 13/16" - 3", round.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 22.--Alloy tool steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price		Average price of total quantity shipped	
			Weighted average	Range	Weighted average
----- U.S. producers -----					
1986:					
April-----	***		***	***	***
May-----	1,000 - 3,800		2,498	***	***
June-----	***		***	3,550 - 4,109	3,742
July-----	***		***	2,400 - 4,740	3,057
August-----	***		***	2,200 - 3,800	3,129
September----	***		***	2,400 - 4,740	3,074
----- U.S. importers -----					
1986:					
Apr.-Jun.----	***		***	2,819 - 4,007	3,380
Jul.-Sep.----	***		***	***	***

1/ Grade D-2, annealed, rough turned, 4 1/16" - 6", round.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 23.--Alloy tool steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April - September 1986

(Dollars per ton)

Period	Range	Lowest price	Weighted average	Range	Average price of total quantity shipped	Weighted average
----- U.S. producers -----						
1986:						
April-----	3,980 - 6,300		5,299	5,718 - 6,597		5,826
May-----	* * *		* * *	* * *		* * *
June-----	* * *		* * *	* * *		* * *
July-----	4,200 - 5,875		5,661	5,689 - 6,277		5,783
August-----	3,980 - 6,600		5,599	5,626 - 6,600		5,807
September----	4,732 - 5,520		4,854	* * *		* * *
----- U.S. importers -----						
1986:						
Apr.-Jun.----	* * *		* * *	* * *		* * *
Jul.-Sep.----	* * *		* * *	* * *		* * *

1/ Grade 0-2, annealed, cold finish, decarb free, 2" - 2 1/2" thick, 3" - 4" wide, flat.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 24.--Certain stainless steel and alloy tool steel: U.S. importers' unfilled orders from foreign sources, by types, as of June 30, 1986 and September 30, 1986

(In tons)

Date	Stainless steel				Alloy tool steel, all forms	All products subject to relief
	Sheets and strip	Plate	Bar	Rod		
1986:						
Jun. 30-----	***	***	***	***	***	41,354
Sep. 30-----	18,297	***	4,368	***	8,162	45,582

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 25.--Certain stainless steel and alloy tool steel: U.S. importers' inventories, by types, as of June 30, 1986 and September 30, 1986

(In tons)

Date	Stainless steel				Alloy tool steel, all forms	All products subject to relief
	Sheets and strip	Plate	Bar	Rod		
1986:						
Jun. 30-----	***	***	***	***	***	23,272
Sep. 30-----	4,665	***	5,994	***	8,889	21,473

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

