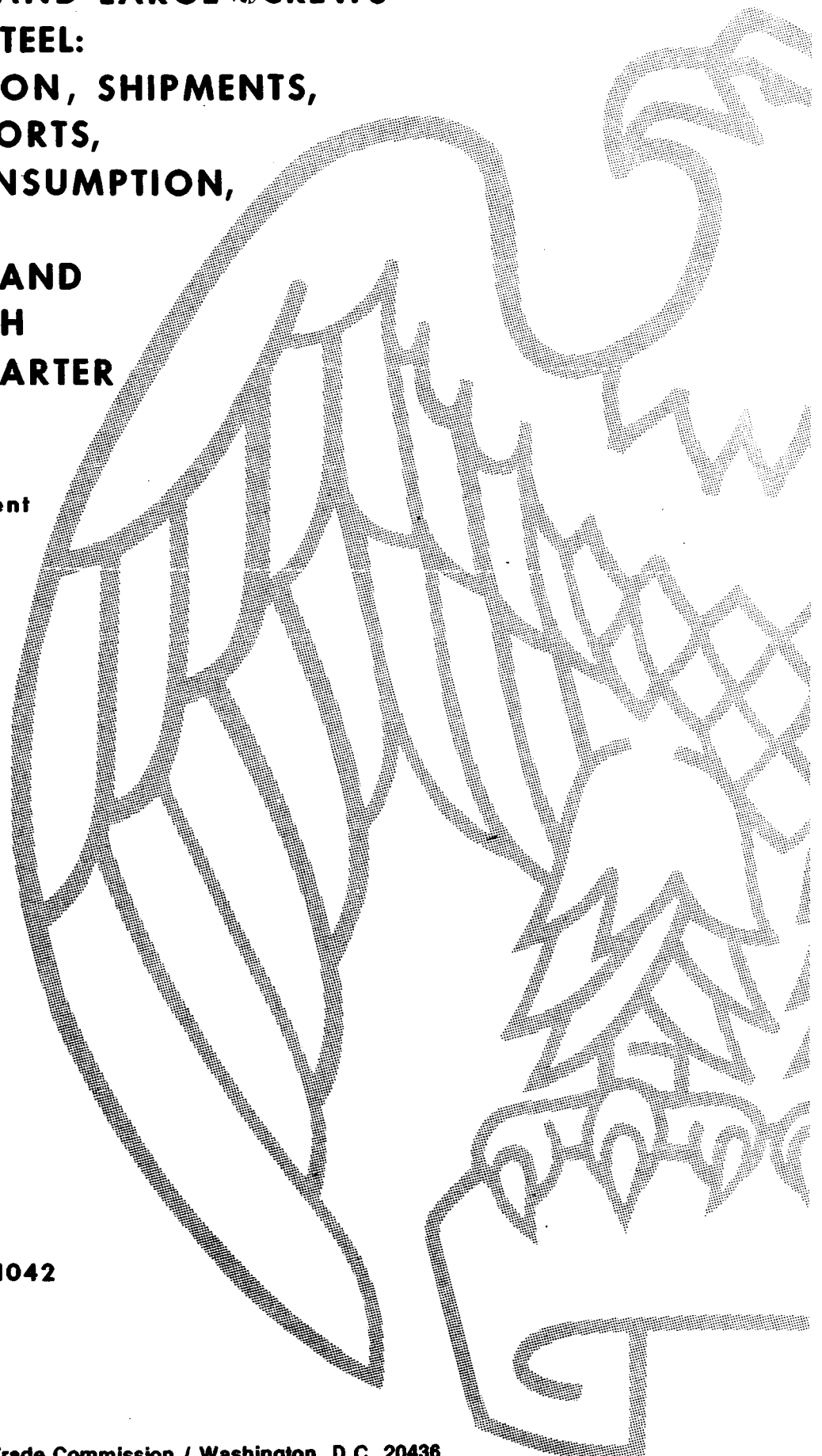


**BOLTS, NUTS, AND LARGE SCREWS  
OF IRON OR STEEL:  
U.S. PRODUCTION, SHIPMENTS,  
IMPORTS, EXPORTS,  
APPARENT CONSUMPTION,  
EMPLOYMENT,  
MAN-HOURS, AND  
PRICES, FOURTH  
CALENDAR QUARTER  
1979**

**Report to the President  
on Investigation  
No. 332-103 Under  
Section 332 of the  
Tariff Act of 1930**

**USITC PUBLICATION 1042**

**FEBRUARY 1980**



# UNITED STATES INTERNATIONAL TRADE COMMISSION

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# NEWS

UNITED STATES INTERNATIONAL TRADE COMMISSION • Office of the Secretary • Washington, D.C. 20436

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FOR RELEASE  
February 29, 1980

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USITC 80-024

## USITC REPORTS RESULTS ON QUARTERLY SURVEY OF PRODUCERS OF BOLTS, NUTS, AND LARGE SCREWS OF IRON OR STEEL

The United States International Trade Commission has compiled its fourth quarterly survey of U.S. producers of bolts, nuts, and large screws of iron or steel, required under Presidential Proclamation No. 4632. The report, which provides information on an annual and monthly basis, is necessary for the monitoring of the effects of temporary increases in duties on imports. The information developed covers U.S. production, U.S. producers' shipments, imports for consumption, exports, apparent consumption, employment, man-hours, and prices.

Major findings of the survey indicate that during the fourth quarter of 1979, U.S. producers' shipments, based on quantity, were 10 percent less than shipments in the fourth quarter of 1978 and 9 percent less than shipments in the third quarter of 1979. U.S. imports of bolts, nuts, and large screws were 9 percent less in the fourth quarter of 1979 than the quantities imported

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USITC REPORTS RESULTS OF QUARTERLY SURVEY OF PRODUCERS OF BOLTS,  
NUTS, AND LARGE SCREWS OF IRON OR STEEL

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in the fourth quarter of 1978, and 14 percent less than imports in the third quarter of 1979. The ratio of imports to apparent consumption was approximately 45 percent during each of the quarters under discussion.

The quantity of U.S. exports of bolts, nuts, and large screws during the fourth quarter of 1979 was 23 percent less than exports during the fourth quarter of 1978 and 5 percent less than exports during the third quarter of 1979.

The average number of employees engaged in the production of bolts, nuts, and large screws during the fourth quarter of 1979 was about 4 percent larger than the average number during the fourth quarter of 1978, but only slightly less than the average number during the third quarter of 1979. The man-hours expended by these employees during the fourth quarter of 1979 were about 4 percent greater than man-hours expended during both the fourth quarter of 1978 and the third quarter of 1979.

The average lowest net selling prices received in the fourth quarter of 1979 by U.S. producers for six representative fastener products were, on an average, about 10 percent greater than prices received during the fourth quarter of 1978. However, the average lowest net selling prices received for three of the six representative fastener products were approximately 6 percent less than prices received during the third quarter of 1979. The remaining prices received during the fourth quarter of 1979 were about 3 percent greater than prices received during the third quarter of 1979.

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USITC REPORTS RESULTS OF QUARTERLY SURVEY OF PRODUCERS OF BOLTS,  
NUTS, AND LARGE SCREWS OF IRON OR STEEL

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The report is being sent to the United States Trade Representative who is responsible for monitoring the effects of the temporary duty increases implemented by the Presidential proclamation.

Copies of the report (USITC Publication 1042) can be obtained by calling (202) 523-5178, or from the Office of the Secretary, 701 E Street N.W., Washington, D.C. 20436; or at the USITC's New York Office, 6 World Trade Center, Suite 629, New York, N.Y. 10048, (212) 466-5598.



Summary Highlights of the Third Quarterly Survey of U.S. Producers of Bolts,  
Nuts, and Large Screws of Iron or Steel

Production

U.S. production of bolts, nuts, and large screws during the fourth quarter of 1979 totaled 272 million pounds, which was about 11 percent less than production during the fourth quarter of 1978 and the third quarter of 1979.

U.S. producers' shipments

During the fourth quarter of 1979, U.S. producers' shipments amounted to 249 million pounds, approximately 10 percent less than shipments in the fourth quarter of 1978 and the third quarter of 1979.

U.S. imports

U.S. imports of bolts, nuts, and large screws totaled 170 million pounds in the fourth quarter of 1979, which was about 9 percent less than imports in the fourth quarter of 1978 and 14 percent less than imports in the third quarter of 1979.

U.S. exports

The quantity of bolts, nuts, and large screws exported during the fourth quarter of 1979 was 23 percent less than exports during the fourth quarter of 1978, and 5 percent less than exports during the third quarter of 1979.

Apparent consumption

Apparent consumption of bolts, nuts, and large screws during the fourth quarter of 1979 was 378 million pounds, which was 8 percent less than apparent consumption in the fourth quarter of 1978, or 12 percent less than the

quantities consumed during the third quarter of 1979. The ratio of imports to consumption which amounted to 46 percent in both the fourth quarter of 1978 and the third quarter of 1979, declined to 45 percent in the fourth quarter of 1979.

#### Employment and man-hours

The average number of production and related workers engaged in the production of bolts, nuts, and large screws increased from 13,212 workers during the fourth quarter of 1978 to 13,953 workers during the third quarter of 1979, before decreasing to 13,698 workers during the fourth quarter of 1979. The man-hours expended by these workers totaled 8,023,000 during the fourth quarter of 1979, which was about 4 percent greater than the man-hours expended in the fourth quarter of 1978 or the third quarter of 1979.

#### Prices

The average lowest net selling prices received in the fourth quarter of 1979 on six representative fastener products were, on an average, 10 percent greater than prices received in the fourth quarter of 1978. The average net selling prices received for three of the six representative products were 6 percent less than prices received during the third quarter of 1979. The remaining prices received during the fourth quarter of 1979 were 3 percent greater than prices received during the third quarter of 1979.



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Table 1.--Bolts, nuts, and large screws of iron or steel: U.S. production  
by types, by months, July 1978-December 1979

Period	Bolts and large screws	Nuts	Total
Quantity (1,000 pounds)			
1978:			
July-----	52,048	12,198	64,246
August-----	75,474	21,264	96,738
September-----	78,718	17,898	96,616
Total-----	206,240	51,360	257,600
October-----	85,488	21,315	106,803
November-----	78,473	21,349	99,822
December-----	79,112	19,181	98,293
Total-----	243,073	61,845	304,918
1979:			
January-----	86,160	23,338	109,498
February-----	82,889	23,045	105,934
March-----	92,660	26,487	119,147
Total-----	261,709	72,870	334,579
April-----	88,018	23,769	111,787
May-----	91,225	25,791	117,016
June-----	91,981	25,641	117,622
Total-----	271,224	75,201	346,425
July-----	70,932	18,530	89,462
August-----	87,107	26,317	113,424
September-----	79,457	22,152	101,609
Total-----	237,496	66,999	304,495
October-----	84,894	26,086	110,980
November-----	71,784	21,813	93,597
December-----	52,110	15,771	67,881
Total-----	208,788	63,670	272,458

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

Table 2.--Bolts, nuts, and large screws of iron or steel: U.S. producers' shipments, imports for consumption, exports of domestic merchandise, and apparent consumption, 1976-78, and specified periods July 1978-December 1979

Period	Producers' shipments	Imports	Exports <sup>1/</sup>	Apparent consumption	Ratio (percent) of imports to--	
					Shipments	Apparent consumption
Quantity (1,000 pounds)						
1976-----	1,133,952	704,474	197,269	1,641,157	62	43
1977-----	1,175,563	716,916	218,265	1,674,214	61	43
1978-----	1,151,326	849,313	217,051	1,783,588	74	48
<u>1978</u>						
July-----	67,335	77,074	15,255	129,154	115	60
August-----	93,943	72,349	21,301	144,991	77	50
September-----	94,237	65,380	14,528	145,089	69	45
Total-----	255,515	214,803	51,084	419,234	84	51
October-----	100,634	66,751	20,439	146,946	66	45
November-----	92,699	67,107	17,723	142,083	72	47
December-----	83,616	53,181	15,413	121,384	64	44
Total-----	276,949	187,039	53,575	410,413	68	46
<u>1979</u>						
January-----	107,364	65,151	16,192	156,323	61	42
February-----	99,152	68,174	17,566	149,760	69	46
March-----	115,276	61,404	19,122	157,558	53	39
Total-----	321,792	194,729	52,880	463,641	61	42
April-----	103,489	46,270	24,769	124,990	45	37
May-----	107,568	68,862	19,074	157,356	64	44
June-----	105,460	77,122	17,651	164,931	73	47
Total-----	316,517	192,254	61,494	447,277	61	43
July-----	84,630	69,596	12,938	141,288	82	49
August-----	97,699	68,857	15,781	150,775	70	46
September-----	91,688	60,225	14,828	137,085	66	44
Total-----	274,017	198,678	43,547	429,148	73	46
October-----	99,680	55,543	15,844	139,379	56	40
November-----	83,240	53,245	15,426	121,059	64	44
December-----	66,181	61,577	9,982	117,776	93	52
Total-----	249,101	170,365	41,252	378,214	68	45

See footnotes at end of table.

Table 2.--Bolts, nuts, and large screws of iron or steel: U.S. producers' shipments, imports for consumption, exports of domestic merchandise, and apparent consumption, 1976-78, and specified periods July 1978-December 1979--Continued

Period	Producers'	Imports	Exports <sup>1/</sup>	Apparent	Ratio (percent) of	
	shipments			consumption	imports to--	Apparent
					Shipments:	consumption
Value (1,000 dollars)						
1976-----	986,432	227,390	107,055	1,106,767	23	21
1977-----	1,074,609	256,220	114,252	1,216,577	24	21
1978-----	1,095,332	368,865	133,112	1,331,085	34	28
<u>1978</u>						
July-----	59,224	31,841	8,258	82,807	54	39
August-----	85,074	31,029	10,348	105,755	37	29
September-----	84,806	30,697	9,575	105,928	36	29
Total-----	229,104	93,567	28,181	294,490	41	32
October-----	92,098	32,110	12,623	111,585	35	29
November-----	84,565	31,840	10,875	105,530	38	30
December-----	78,146	49,324	10,635	116,835	63	42
Total-----	254,809	113,274	34,133	333,950	44	40
<u>1979</u>						
January-----	100,701	31,158	10,382	121,477	31	26
February-----	94,958	34,421	11,041	118,338	36	29
March-----	111,421	29,544	11,926	129,039	27	23
Total-----	307,080	95,123	33,349	368,854	31	26
April-----	103,817	32,298	10,899	125,216	31	26
May-----	109,210	32,306	12,814	128,702	30	25
June-----	113,228	36,042	12,455	136,815	32	26
Total-----	326,255	100,646	36,168	390,733	31	26
July-----	93,715	31,440	882	124,273	34	25
August-----	109,835	31,948	10,209	131,574	29	24
September-----	107,083	28,712	10,412	125,383	27	23
Total-----	310,633	92,100	21,503	381,230	30	24
October-----	111,677	26,876	11,876	126,677	24	21
November-----	93,767	23,342	10,717	106,392	25	22
December-----	79,577	29,287	9,094	99,770	37	29
Total-----	285,021	79,505	31,687	332,839	28	24

<sup>1/</sup> Prior to Jan. 1, 1978, exports include bolts, threaded rods and studs, nuts if nuts and bolts are in the same shipment, screws, rivets, washers, and similar articles. It is estimated by the staff of the U.S. International Trade Commission that bolts, nuts, and large screws of iron or steel accounted for approximately 80 percent of total exports.

Source: U.S. producers' shipments, compiled from data submitted in response to questionnaires of the U.S. International Trade Commission; imports and exports, compiled from official statistics of the U.S. Department of Commerce, except as noted.

Table 3.--Bolts, nuts, and large screws of iron or steel: U.S. producers' shipments, by types, 1976-78, and specified periods, July 1978-December 1979

Period	Bolts and large screws	Nuts	Total
Quantity (1,000 pounds)			
1976	912,072	221,880	1,133,952
1977	950,607	224,956	1,175,563
1978	920,712	230,614	1,151,326
<u>1978</u>			
July	54,134	13,201	67,335
August	73,633	20,310	93,943
September	73,789	20,448	94,237
Total	201,556	53,959	255,515
October	76,496	24,138	100,634
November	73,258	19,441	92,699
December	70,335	13,281	83,616
Total	220,089	56,860	276,949
<u>1979</u>			
January	84,191	23,173	107,364
February	78,709	20,443	99,152
March	90,703	24,573	115,276
Total	253,603	68,189	321,792
April	81,246	22,243	103,489
May	83,986	23,582	107,568
June	82,907	22,553	105,460
Total	248,139	68,378	316,517
July	69,758	14,872	84,630
August	78,803	18,896	97,699
September	74,826	16,862	91,688
Total	223,387	50,630	274,017
October	80,661	19,019	99,680
November	68,456	14,784	83,240
December	54,546	11,635	66,181
Total	203,663	45,438	249,101
Value (1,000 dollars)			
1976	702,426	284,006	986,432
1977	779,917	294,692	1,074,609
1978	763,368	331,964	1,095,332
<u>1978</u>			
July	42,099	17,125	59,224
August	58,327	26,747	85,074
September	57,831	26,975	84,806
Total	158,257	70,847	229,104
October	59,954	32,144	92,098
November	58,323	26,242	84,565
December	53,644	24,502	78,146
Total	171,921	82,888	254,809
<u>1979</u>			
January	69,450	31,251	100,701
February	65,944	29,014	94,958
March	77,715	33,706	111,421
Total	213,109	93,971	307,080
April	72,713	31,104	103,817
May	75,811	33,399	109,210
June	80,401	32,827	113,228
Total	228,925	97,330	326,255
July	68,049	25,666	93,715
August	78,333	31,502	109,835
September	76,869	30,214	107,083
Total	223,251	87,382	310,633
October	78,119	33,558	111,677
November	65,673	28,094	93,767
December	56,183	23,394	79,577
Total	199,975	85,046	285,021

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

Table 4.--Bolts, nuts, and large screws of iron or steel: U.S. producers' shipments, by types, of imported bolts, nuts, and large screws further processed, by months, July 1978-December 1979

Period	Bolts and large screws	Nuts	Total
Quantity (1,000 pounds)			
1978:			
July-----	- : 377	: 377	377
August-----	- : 643	: 643	643
September-----	- : 643	: 643	643
Total-----	- : 1,663	: 1,663	1,663
October-----	- : 727	: 727	727
November-----	- : 657	: 657	657
December-----	- : 461	: 461	461
Total-----	- : 1,845	: 1,845	1,845
1979:			
January-----	- : 698	: 698	698
February-----	- : 551	: 551	551
March-----	- : 822	: 822	822
Total-----	- : 2,071	: 2,071	2,071
April-----	- : 647	: 647	647
May-----	- : 652	: 652	652
June-----	- : 641	: 641	641
Total-----	- : 1,940	: 1,940	1,940
July-----	- : 277	: 277	277
August-----	- : 141	: 141	141
September-----	- : 218	: 218	218
Total-----	- : 636	: 636	636
October-----	- : 219	: 219	219
November-----	- : 219	: 219	219
December-----	- : 198	: 198	198
Total-----	- : 636	: 636	636

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

Table 5.--Bolts, nuts, and large screws of iron or steel: U.S. imports for consumption, by types, 1976-78, and specified periods, July 1978-December 1979

Period	Bolts and large screws	Nuts	Total
Quantity (1,000 pounds)			
1976-----	474,084	230,390	704,474
1977-----	491,140	225,776	716,916
1978-----	571,324	277,989	849,313
<u>1978</u>			
July-----	51,026	26,048	77,074
August-----	45,303	27,046	72,349
September-----	37,430	27,950	65,380
Total-----	133,759	81,044	214,803
October-----	38,995	27,756	66,751
November-----	41,211	25,896	67,107
December-----	23,825	29,356	53,181
Total-----	104,031	83,008	187,039
<u>1979</u>			
January-----	37,790	27,391	65,181
February-----	41,955	26,219	68,174
March-----	35,781	25,623	61,404
Total-----	115,526	79,233	194,759
April-----	24,369	21,901	46,270
May-----	45,499	23,363	68,862
June-----	51,528	25,594	77,122
Total-----	121,396	70,858	192,254
July-----	47,722	21,874	69,596
August-----	44,522	24,335	68,857
September-----	39,263	20,962	60,225
Total-----	131,507	67,171	198,678
October-----	37,727	17,816	55,543
November-----	39,974	13,271	53,245
December-----	40,758	20,819	61,577
Total-----	118,459	51,906	170,365
Value (1,000 dollars)			
1976-----	129,297	98,093	227,390
1977-----	156,006	100,214	256,220
1978-----	210,917	157,948	368,865
<u>1978</u>			
July-----	18,611	13,230	31,841
August-----	17,151	13,878	31,029
September-----	16,648	14,049	30,697
Total-----	52,410	41,157	93,567
October-----	16,573	15,537	32,110
November-----	17,374	14,466	31,840
December-----	32,629	16,695	49,324
Total-----	66,576	46,698	113,274
<u>1979</u>			
January-----	15,579	15,579	31,158
February-----	20,161	14,260	34,421
March-----	14,397	15,147	29,544
Total-----	50,137	44,986	95,123
April-----	19,253	13,045	32,298
May-----	19,024	13,282	32,306
June-----	21,378	14,664	36,042
Total-----	59,655	40,991	100,646
July-----	18,916	12,524	31,440
August-----	18,343	13,605	31,948
September-----	16,683	12,029	28,712
Total-----	53,942	38,158	92,100
October-----	16,434	10,442	26,876
November-----	17,242	11,100	28,342
December-----	17,229	11,738	28,967
Total-----	51,205	28,300	79,505

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



Table 6.--Average number of persons employed in U.S. establishments in which bolts, nuts, and large screws were produced, total and production and related workers engaged in the production of all products and of bolts, nuts, and large screws, 1976-78 and specified periods July 1978-December 1979

Period	Production and related workers engaged in the production of--				
	All persons:	All products	Bolts and large screws	Nuts	Total, bolts nuts, and large screws
1976-----	34,339	27,080	10,032	3,435	13,467
1977-----	35,172	27,642	10,040	3,410	13,450
1978-----	35,920	27,738	9,982	3,334	13,316
<u>1978</u>					
July-----	35,072	26,536	9,391	3,142	12,533
August-----	35,167	26,616	9,678	3,262	12,940
September-----	35,274	26,755	9,323	3,310	12,633
Average-----	35,171	26,636	9,464	3,238	12,702
October-----	35,822	27,614	9,773	3,312	13,085
November-----	35,878	27,246	9,863	3,380	13,243
December-----	36,131	27,491	9,895	3,412	13,307
Average-----	35,944	27,450	9,844	3,368	13,212
<u>1979</u>					
January-----	36,438	27,667	10,063	3,489	13,552
February-----	37,069	28,203	10,266	3,514	13,780
March-----	37,125	23,376	10,359	3,585	13,944
Average-----	36,877	26,415	10,229	3,529	13,759
April-----	36,746	28,067	10,626	3,643	14,269
May-----	36,678	27,948	10,633	3,648	14,281
June-----	36,977	28,163	10,716	3,706	14,422
Average-----	36,800	28,059	10,658	3,666	14,324
July-----	36,396	28,022	10,686	3,423	14,109
August-----	35,811	27,476	10,387	3,599	13,986
September-----	35,259	27,123	10,213	3,550	13,763
Average-----	35,822	27,540	10,429	3,524	13,953
October-----	34,934	25,804	10,086	3,783	13,869
November-----	34,507	25,635	10,085	3,767	13,852
December-----	33,755	24,998	9,963	3,411	13,374
Average-----	34,399	25,479	10,044	3,654	13,698

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

Table 7.--Man-hours expended by production and related workers in U.S. establishments in which bolts, nuts, and large screws were produced, 1976-78, and specified periods, July 1978-December 1979

(In 1,000 man-hours)				
Period	All products	Bolts and large screws	Nuts	Total, bolts, nuts, and large screws
1976-----	55,073	20,643	6,771	27,414
1977-----	56,213	20,715	6,795	27,510
1978-----	56,449	21,905	7,126	29,031
<u>1978</u>				
July-----	3,984	1,582	485	2,067
August-----	4,646	1,821	605	2,426
September-----	4,667	1,914	637	2,551
Total-----	13,297	5,317	1,727	7,044
October-----	4,928	1,989	617	2,606
November-----	4,848	1,954	635	2,589
December-----	4,902	1,925	630	2,555
Total-----	14,678	5,868	1,882	7,750
<u>1979</u>				
January-----	5,061	2,018	691	2,709
February-----	4,848	1,978	672	2,650
March-----	4,605	2,222	757	2,979
Total-----	14,514	6,218	2,120	8,338
April-----	5,067	1,974	647	2,621
May-----	5,135	1,971	666	2,637
June-----	5,411	2,088	791	2,879
Total-----	15,613	6,033	2,104	8,137
July-----	5,014	1,888	564	2,452
August-----	5,074	1,926	700	2,626
September-----	4,806	1,890	718	2,608
Total-----	14,894	5,704	1,982	7,686
October-----	4,974	2,110	767	2,877
November-----	4,550	1,910	747	2,657
December-----	4,171	1,807	682	2,489
Total-----	13,695	5,827	2,196	8,023

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

Table 8.--Bolts, nuts, and large screws: Ranges and averages of lowest net selling prices received by U.S. producers to distributors, by specified periods, January 1976-December 1979

(Per 1,000 pieces)					
Period	Domestic price				
	Cap screws, grade 2, 3/8" - 16 x 1"		Cap screws, grade 8, 3/8" - 16 x 1"		
	Range	Average	Range	Average	
	:	:	:	:	:
1976:	:	:	:	:	:
January-March-----	15.90- 30.00	21.74	21.28- 44.80	31.07	
April-June-----	15.90- 27.00	21.75	21.28- 44.68	30.61	
July-September-----	15.87- 27.30	22.05	21.28- 40.32	29.24	
October-December-----	15.90- 27.30	21.88	21.28- 43.80	30.91	
1977:	:	:	:	:	:
January-March-----	15.90- 27.30	21.64	21.28- 44.63	30.51	
April-June-----	15.90- 31.57	20.53	21.28- 37.45	29.78	
July-September-----	15.90- 22.86	19.88	22.34- 34.20	29.74	
October-December-----	15.90- 24.00	19.85	22.34- 36.76	30.35	
1978:	:	:	:	:	:
January-March-----	15.90- 24.00	21.92	28.45- 40.32	32.96	
April-June-----	15.90- 25.02	21.38	30.15- 43.74	34.07	
1978:	:	:	:	:	:
July-----	17.58- 58.21	23.66	31.36- 42.50	35.96	
August-----	17.58- 38.21	23.36	31.36- 42.51	35.96	
September-----	17.58- 38.21	23.73	31.36- 42.51	37.68	
October-----	17.58- 38.21	24.54	31.36- 42.51	37.14	
November-----	17.58- 38.21	24.69	31.36- 42.82	38.09	
December-----	17.58- 38.21	24.69	31.36- 42.87	37.96	
1979:	:	:	:	:	:
January-----	19.43- 38.76	25.68	31.36- 42.25	38.53	
February-----	19.43- 38.76	25.86	31.36- 43.27	38.70	
March-----	19.43- 38.76	26.12	31.36- 43.27	38.70	
April-----	22.24- 41.09	27.14	27.73- 55.39	40.29	
May-----	22.24- 41.09	27.06	27.73- 55.39	41.04	
June-----	22.24- 41.09	27.29	27.73- 67.50	41.68	
July-----	22.24- 41.09	27.65	29.60- 55.39	41.98	
August-----	22.24- 41.09	27.67	29.60- 57.12	41.09	
September-----	22.24- 41.09	27.72	29.60- 57.12	41.35	
October-----	22.24- 41.09	28.16	30.80- 45.41	39.36	
November-----	22.24- 41.09	28.19	30.80- 46.80	40.88	
December-----	22.24- 41.09	28.55	30.80- 46.74	40.87	
:	:	:	:	:	:

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

Table 9.--Bolts, nuts, and large screws: Ranges and averages of lowest net selling prices received by U.S. producers to distributors, by specified periods, January 1976-December 1979

		(Per 1,000 pieces)			
		Domestic price			
Period	Hexagon nuts, 1/4" - 20		Hexagon nuts, 1/2" - 13		
	Range	Average	Range	Average	
1976:					
January-March-----	2.69- 8.81	5.66	17.60- 33.42	24.22	
April-June-----	2.69- 8.80	5.66	17.60- 33.02	24.23	
July-September-----	2.63- 9.78	5.85	17.60- 36.93	25.00	
October-December-----	2.63- 9.83	5.85	17.60- 28.40	23.84	
1977:					
January-March-----	2.59- 8.82	5.72	17.60- 32.88	24.44	
April-June-----	2.59- 8.70	5.64	17.60- 32.98	24.23	
July-September-----	3.06- 8.59	6.33	18.48- 29.68	23.52	
October-December-----	3.40- 8.76	6.45	18.48- 31.67	24.42	
1978:					
January-March-----	3.75- 9.00	6.50	18.48- 34.02	25.80	
April-June-----	4.00- 9.90	6.58	18.48- 37.26	26.20	
1978:					
July-----	4.03- 11.31	7.66	19.44- 37.80	28.22	
August-----	4.03- 9.90	7.31	19.44- 37.80	28.40	
September-----	4.03- 9.90	7.49	19.44- 37.80	28.90	
October-----	4.03- 9.90	7.51	19.44- 37.80	29.04	
November-----	4.03- 12.27	7.84	19.44- 37.26	28.15	
December-----	4.03- 9.90	7.55	19.44- 37.26	28.26	
1979:					
January-----	4.20- 9.90	7.62	21.97- 37.26	30.03	
February-----	4.20- 10.98	7.93	21.97- 41.04	30.51	
March-----	4.20- 6.98	7.91	21.97- 41.04	30.44	
April-----	4.21- 10.98	8.48	24.90- 41.04	31.88	
May-----	4.25- 10.98	8.44	24.90- 41.04	32.38	
June-----	4.27- 10.98	8.26	24.90- 41.04	32.89	
July-----	7.52- 10.98	9.05	24.90- 41.04	31.87	
August-----	7.52- 10.98	9.28	24.90- 41.04	31.95	
September-----	7.52- 10.98	9.24	24.90- 41.04	31.90	
October-----	4.30- 10.98	8.69	24.90- 41.04	32.47	
November-----	4.30- 10.98	8.43	26.40- 41.04	32.65	
December-----	4.31- 10.98	8.80	26.40- 41.04	33.13	

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

Table 10.--Bolts, nuts, and large screws: Ranges and averages of lowest net selling prices received by U.S. producers on sales to distributors, by specified periods, January 1976-December 1979

		(Per 1,000 pieces)			
		Domestic price			
Period	Structural bolts, A325 with nut, 3/4" x 2"		Carriage bolts, 3/8" x 3"		
	Range	Average	Range	Average	
1976:					
January-March-----	189.43- 352.90	289.66	33.40- 74.40	49.46	
April-June-----	194.95- 357.00	308.26	33.40- 66.96	48.78	
July-September-----	199.30- 357.00	293.23	33.40- 66.96	50.55	
October-December-----	162.55- 339.20	272.34	33.40- 66.96	50.70	
1977:					
January-March-----	215.00- 339.20	281.75	33.40- 55.80	47.78	
April-June-----	215.00- 339.20	282.92	33.40- 65.10	45.99	
July-September-----	215.00- 321.31	283.11	33.40- 55.80	43.57	
October-December-----	215.00- 321.30	278.76	33.40- 59.52	44.53	
1978:					
January-March-----	216.41- 343.80	299.46	33.40- 59.52	44.68	
April-June-----	246.89- 343.80	314.20	37.40- 59.52	45.90	
1978:					
July-----	249.35- 343.80	314.61	37.40- 44.70	58.94	
August-----	149.35- 343.80	316.42	42.72-144.70	58.98	
September-----	249.35- 343.80	313.63	37.40-144.70	59.24	
October-----	249.35- 343.80	317.18	37.40-149.14	59.86	
November-----	249.35- 343.80	324.17	37.40-149.14	62.11	
December-----	249.35- 343.80	319.99	37.40-149.14	60.80	
1979:					
January-----	249.35- 343.80	318.63	48.06-149.14	66.11	
February-----	249.35- 388.50	330.08	48.06-149.14	66.49	
March-----	249.35- 388.50	328.90	49.46-149.14	67.29	
April-----	266.72- 388.50	345.94	45.64-149.96	68.89	
May-----	266.72- 420.00	351.68	49.87-149.96	69.49	
June-----	266.72- 420.00	346.57	49.98-149.96	69.89	
July-----	101.55- 388.50	345.17	50.20-149.96	73.21	
August-----	106.65- 388.50	351.29	48.98-149.96	69.75	
September-----	106.65- 388.50	343.90	50.20-149.96	70.07	
October-----	106.65- 388.50	311.29	48.99-149.96	72.47	
November-----	106.65- 388.50	311.98	50.20-149.96	73.07	
December-----	106.65- 390.42	313.91	50.20-149.96	74.24	

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



Library Cataloging Data

U.S. International Trade Commission.

Bolts, nuts, and large screws of iron or steel: U.S. production, shipments, imports, exports, apparent consumption, employment, man-hours, and prices, fourth calendar quarter 1979. Report to the President on investigation no. 332-103 under section 332 of the Tariff act of 1930. Washington, 1980.

11 p. illus. 28 cm. (USITC  
Publication 1042)

1. Bolts and nuts. 2. Screws. I. Title.

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