

# Fasteners Trade Statistics (2014-2016)

## USA (in USD), in descending order according to figures of 2016

Source: U.S. ITA of Department of Commerce



### Import

HS 7318 Iron and steel screws, bolts, nuts, washers, etc.

Rank	Partner	2014	2015	2016
	World	4,921,191,202	5,024,217,149	4,529,247,846
1	Taiwan	1,512,427,995	1,603,621,502	1,420,472,129
2	China	1,142,261,454	1,141,429,288	1,003,167,851
3	Japan	653,394,729	622,785,088	619,817,193
4	Germany	351,760,875	352,302,112	295,205,544
5	Canada	289,649,264	302,948,226	258,590,208
6	S. Korea	216,186,050	237,869,390	211,726,593
7	Mexico	100,318,510	105,257,018	104,106,381
8	Italy	118,038,662	113,440,951	99,524,861
9	India	81,044,041	105,877,450	88,389,275
10	France	68,926,051	70,876,277	80,961,562

> Over 50% of fasteners were imported from China and Taiwan. However, imports from the top 10 countries (except for France) all showed a declining trend in 2016.

### Export

HS 7318 Iron and steel screws, bolts, nuts, washers, etc.

Rank	Partner	2014	2015	2016
	World	3,841,907,610	3,836,333,502	4,076,555,511
1	Mexico	1,276,883,493	1,320,971,206	1,314,654,296
2	Canada	1,098,492,268	1,029,223,981	1,005,906,068
3	Brazil	101,927,132	98,526,990	299,423,733
4	China	145,709,542	169,661,420	190,075,624
5	UK	165,169,259	161,203,906	163,622,895
6	Germany	111,425,654	109,931,076	117,867,815
7	France	91,144,601	95,261,481	111,789,548
8	Japan	82,410,306	82,644,422	83,231,548
9	Singapore	78,738,164	68,338,147	77,791,434
10	S. Korea	69,227,320	73,569,037	65,706,333

> Mexico and Canada were the two largest export destinations for U.S. fasteners. Both countries represented about over 50% of U.S. total fastener export.

## Canada (in USD), in descending order according to figures of 2016

Source: Canada.ca



### Import

HS 7318 Screws, bolts, nuts, screw hooks, rivets, washers, cotter pins and like articles of iron or steel

Rank	Partner	2014	2015	2016
	Total All Countries	1,505,091,572	1,477,088,221	1,420,547,320
1	USA	822,980,293	768,542,645	756,552,129
2	Taiwan	194,662,164	210,418,537	186,373,155
3	China	166,744,737	166,519,371	150,569,235
4	Japan	79,351,081	81,436,403	76,749,586
5	Germany	50,387,515	42,136,623	38,127,669
6	S. Korea	18,411,601	19,996,356	27,335,938
7	Re-Imports (Canada)	22,793,242	25,801,639	25,026,870
8	Vietnam	13,792,405	21,498,831	24,483,829
9	UK	22,540,617	22,445,227	21,120,481
10	Italy (incl. Vatican City State)	19,298,825	17,716,015	17,109,834

> USA was the largest fastener supplier for Canada. More than a half of the total fastener imports of Canada were from USA. However, the import value of USA showed a declining trend from 2014-2016.

### Export

HS 7318 Screws, bolts, nuts, screw hooks, rivets, washers, cotter pins and like articles of iron or steel

Rank	Partner	2014	2015	2016
	Total All Countries	457,965,675	445,397,501	405,637,626
1	USA	372,300,016	364,545,873	322,311,716
2	Mexico	15,102,456	12,400,635	11,098,089
3	China	7,373,419	7,288,419	8,857,244
4	Germany	5,519,533	6,060,487	6,529,819
5	France (incl. Monaco, French Antilles)	6,255,815	5,068,210	6,480,835
6	UK	6,658,217	6,622,582	6,383,812
7	Singapore	2,514,086	3,497,094	4,082,569
8	Poland	1,979,477	2,111,552	3,879,135
9	Brazil	3,024,173	2,106,346	2,621,359
10	S. Korea	2,979,668	1,824,792	2,261,836

> The same as in imports, USA was still ranked the 1<sup>st</sup> place in Canada's fastener export and it even represented over 75% of Canada's total fastener export.

## EU

in descending order according to figures of 2016

Source: EU trade export helpdesk



## Import

HS 7318 Screws, bolts, nuts, coach screws, screw hooks, rivets, cotters, cotter pins, washers (including spring washers) and similar articles, of iron or steel

Rank	Country	2014 (kg)	2015 (kg)	2016 (kg)	Country	2014 (Euro)	2015 (Euro)	2016 (Euro)
	Total EXTRA-EU28	1,558,308,000	1,524,743,000	1,620,665,000	Total EXTRA-EU28	4,265,353,504	4,762,518,683	4,711,204,359
1	Taiwan	545,925,000	521,841,000	515,684,000	Taiwan	1,150,021,894	1,242,721,758	1,197,707,688
2	China	372,016,000	347,361,000	441,992,000	USA	651,008,813	779,974,628	739,438,472
3	India	125,069,000	131,275,000	127,245,000	China	588,853,628	633,401,002	688,724,384
4	Vietnam	118,575,000	120,883,000	121,756,000	Switzerland	412,936,392	462,513,105	455,966,367
5	Thailand	76,720,000	69,361,000	72,929,000	India	264,467,662	309,192,740	272,793,863
6	Turkey	53,288,000	63,156,000	67,298,000	Turkey	182,941,129	204,152,414	228,120,261
7	Malaysia	58,751,000	54,632,000	51,230,000	Japan	188,753,663	196,178,963	216,475,632
8	USA	37,741,000	39,708,000	38,397,000	Vietnam	187,474,496	229,587,187	212,792,389
9	S. Korea	30,257,000	33,467,000	37,504,000	S. Korea	119,089,282	141,714,737	149,526,142
10	Japan	31,086,000	30,214,000	32,633,000	Thailand	120,649,892	112,893,266	111,842,280

> If calculated by weight, EU's fastener demands were mainly satisfied by suppliers from Asian countries, especially Taiwan, China and India. EU's import from China, Vietnam, Thailand, Turkey, S. Korea and Japan also showed growth in 2016.

> If calculated by value, Taiwan took the significant lead in EU's fastener import, over 1/4 of the total import. Non-Asian countries in the top 10 were only USA, Switzerland and Turkey.

## Export

HS 7318 Screws, bolts, nuts, coach screws, screw hooks, rivets, cotters, cotter pins, washers (including spring washers) and similar articles, of iron or steel

Rank	Country	2014 (kg)	2015 (kg)	2016 (kg)	Country	2014 (Euro)	2015 (Euro)	2016 (Euro)
	Total EXTRA-EU28	492,083,000	467,735,000	487,281,000	Total EXTRA-EU28	3,550,896,194	3,618,600,745	3,772,712,364
1	China	102,257,000	90,773,000	100,753,000	China	749,245,178	690,148,524	780,034,070
2	USA	75,818,000	72,814,000	69,110,000	USA	616,777,003	673,018,858	636,833,471
3	Switzerland	35,496,000	37,128,000	38,775,000	Switzerland	246,717,392	258,618,904	280,355,293
4	Turkey	33,346,000	35,885,000	36,206,000	Turkey	194,765,070	217,475,417	219,661,267
5	Russian Federation	35,461,000	26,267,000	28,349,000	Mexico	132,531,467	141,407,991	156,834,534
6	Brazil	29,325,000	22,791,000	22,446,000	Russian Federation	187,021,956	147,379,844	156,388,342
7	India	16,120,000	18,956,000	20,992,000	Brazil	177,131,631	146,035,311	139,993,446
8	Mexico	18,892,000	18,726,000	20,308,000	India	111,894,130	127,305,333	136,619,118
9	Norway	19,185,000	17,725,000	18,689,000	Norway	140,081,139	123,722,139	119,460,323
10	Liechtenstein	9,309,000	9,951,000	11,255,000	South Africa	67,737,410	77,585,863	73,580,406

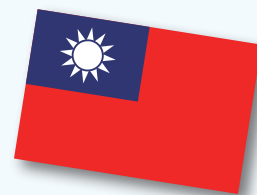
> If calculated by weight, EU's fastener export seems to be focused on China, USA and Switzerland. EU's fasteners were also exported to many emerging countries like Turkey, Russia, Brazil, India and Mexico.

> If calculated by value, the top 3 countries were still China, USA and Switzerland, showing a large amount of fastener demand from these three countries. Interestingly, South Africa was also one of the top 10 countries in EU's fastener export.

## Taiwan

in descending order according to figures of 2016

Source: Bureau of Foreign Trade (Taiwan)



### Import

HS 7318 Screws, bolts, nuts, coach screws, screw hooks, rivets, cotters, cotter-pins, washers (including spring washers) and similar articles, of iron or steel

Rank	Country	2014 (kg)	2015 (kg)	2016 (kg)	Country	2014 (USD)	2015 (USD)	2016 (USD)
	World	21,178,823	20,279,886	17,736,247	World	144,004,117	135,102,341	130,214,219
1	Japan	7,924,602	7,362,681	5,930,787	Japan	71,509,094	64,664,087	59,989,809
2	China	3,538,676	2,794,326	3,938,072	USA	16,507,768	17,767,147	21,255,904
3	Vietnam	3,942,105	3,597,754	2,996,278	China	7,051,957	6,174,559	8,142,168
4	Malaysia	47,839	122,118	430,241	Germany	11,407,572	8,125,637	7,724,679
5	Philippines	947,427	620,619	405,086	Vietnam	5,410,098	4,731,102	3,430,144
6	Thailand	1,205,035	1,063,809	403,014	S. Korea	3,858,528	5,836,494	3,306,154
7	India	10,934	29,428	354,810	UK	16,507,768	1,108,628	2,336,205
8	Germany	424,919	338,164	346,705	Netherlands	1,598,075	1,965,537	1,725,248
9	USA	266,651	263,696	304,134	India	168,917	378,631	1,644,831
10	S. Korea	362,200	871,465	233,383	Sweden	2,008,314	2,429,674	1,578,549

> Taiwan's major fastener import origins (if calculated by weight) were Japan, China and Vietnam. However, the total import volume was quite smaller than Taiwan's export.

> If calculated by value, Japan was still the top supplier for Taiwan's fastener import. Nearly 50% of Taiwan's fastener import was from Japan. The second largest fastener supplier to Taiwan was USA.

### Export

HS 7318 Screws, bolts, nuts, coach screws, screw hooks, rivets, cotters, cotter pins, washers (including spring washers) and similar articles, of iron or steel

Rank	Country	2014 (kg)	2015 (kg)	2016 (kg)	Country	2014 (USD)	2015 (USD)	2016 (USD)
	World	1,501,697,033	1,470,992,279	1,435,750,086	World	4,048,948,068	3,880,596,255	3,610,883,332
1	USA	555,453,198	546,108,965	538,009,693	USA	1,447,361,270	1,450,778,261	1,346,098,911
2	Germany	142,884,207	136,122,818	143,196,167	Germany	375,886,200	336,411,067	339,502,425
3	Netherlands	81,869,436	81,760,831	86,056,479	Netherlands	223,378,480	197,018,892	205,188,306
4	UK	67,758,478	69,562,893	66,393,418	Japan	212,378,935	194,533,227	182,458,452
5	Japan	68,728,882	65,476,799	62,320,620	UK	180,719,632	178,366,592	162,662,098
6	Canada	45,688,043	48,611,896	42,166,370	China	122,980,282	110,656,184	117,929,837
7	Italy	38,482,125	35,188,254	36,807,306	Canada	117,018,549	126,340,252	106,393,410
8	Poland	39,582,609	31,093,106	32,299,812	Sweden	98,458,251	88,785,052	82,913,161
9	Sweden	33,456,841	30,940,353	30,987,261	Italy	92,178,290	81,573,152	80,629,999
10	France	29,488,861	27,390,219	28,235,300	Mexico	66,415,507	73,567,185	70,665,089

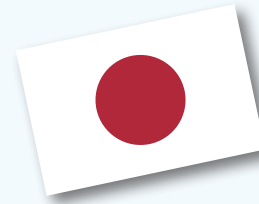
> Taiwan's fasteners were mainly exported to Europe, USA and Japan. In addition, export to USA, Germany and Netherlands represented over 50% of its export volume.

> If calculated by value, China and Mexico were also included in the top 10 list of Taiwan's fastener export destinations.

## Japan

in descending order according to volumes of 2016

Source: Ministry of Finance, Japan



### Import

Japan P.C. Code 61703 Nails, bolts, nuts, etc.

Rank	Country	Metric Tons			1,000 Yens		
		2014	2015	2016	2014	2015	2016
	World	343,110	324,699	320,804	111,830,372	113,784,970	99,848,216
1	China	230,097	220,880	222,765	46,526,490	46,548,736	40,705,148
2	Taiwan	72,433	67,031	64,631	25,608,663	26,666,037	22,989,963
3	S. Korea	15,542	13,405	13,308	5,716,219	5,431,679	4,993,421
4	Vietnam	6,464	6,833	5,703	1,452,882	1,639,463	2,067,973
5	Thailand	4,630	4,381	4,525	2,690,741	2,939,342	2,612,976
6	Malaysia	3,389	3,797	2,872	1,468,313	1,778,994	1,136,014
7	Indonesia	3,481	2,517	1,710	1,638,487	1,317,100	1,012,615
8	USA	2,551	2,282	1,578	17,817,075	19,082,695	16,279,691
9	Germany	1,347	1,204	1,173	2,455,654	2,452,920	2,216,692
10	Mexico	996	470	564	486,693	332,613	393,395

> Japan itself is a high-quality fastener supplier, but it also needs fasteners from many Asian countries, especially China, Taiwan, S. Korea. In addition, in 2016 Japan's fastener import from China, Thailand and Mexico all showed a growing trend (if calculated by ton). Such a growing trend could be also observed in Japan's import from Vietnam and Mexico (if calculated by value).

### Export

Japan P.C. Code 61703 Nails, bolts, nuts, etc.

Rank	Country	Metric Tons			1,000 Yens		
		2014	2015	2016	2014	2015	2016
	World	349,107	332,301	345,563	304,227,287	302,688,016	293,895,029
1	USA	82,194	81,347	83,888	71,390,104	75,246,059	70,983,095
2	China	76,385	68,677	76,176	69,260,182	65,372,338	65,544,496
3	Thailand	43,901	43,819	45,604	38,071,428	38,901,395	37,380,353
4	Indonesia	30,165	23,636	24,856	24,677,611	20,214,405	20,298,153
5	Mexico	18,176	18,967	17,495	13,119,220	15,749,552	13,677,974
6	United Kingdom	13,511	12,507	13,076	8,236,254	7,717,824	7,655,123
7	India	13,054	11,253	10,760	10,547,548	8,970,115	8,910,214
8	Brazil	7,921	7,668	6,790	7,330,340	7,496,641	5,362,302
9	Malaysia	6,149	6,220	5,851	6,161,711	6,678,000	5,857,486
10	Turkey	3,967	3,666	5,156	2,374,703	2,246,335	3,539,113

> Japan's fasteners were mainly exported to USA, China, Thailand, etc in 2016. These countries all have very mature car manufacturing industries and many car manufacturers have their own plants there. Japan's fastener export to USA, China, Thailand, Indonesia, UK and Turkey all showed a growing trend in 2016 (if calculated by ton). Export to China, Indonesia and Turkey also showed growth (if calculated by value).