

Where does the U.S. stand when it comes to fastener trade with India? Has there been a significant increase in fastener imports from India? How much has the ongoing pandemic affected fastener trade between the U.S. and India?

Data note: The data for this article is derived from Descartes™ Datamyne's US Census trade statistics. US Import and Export Census trade statistics is based on all modes of transportation. That value is calculated in USD by CIF (imports). In this article fasteners are defined as any product under HS Code 7318 (screws, bolts, nuts, coach screws, rivets, cotters, cotter pins, washers and similar articles or iron or steel), as well as the subcategories of 7318.



U.S. Fasteners Trade with India

by Sabrina Rodriguez

Navigating the fastener supply chain and understanding the market demand is challenging, especially during a global pandemic. While the end of 2020 was the light at the end of a very dark trade tunnel, many supply chains were unable to recover their losses from earlier in the year. Fastener demand in the U.S. is undeniable – the auto industry, manufacturers of household appliances and medical devices all rely on a wide range of fastener types.

Let us take a closer look into U.S. fastener trade with India for a complete understanding of the existing market. Can we discover notable trends that could have shifted U.S. sourcing of fasteners to or from India? Could trade between the U.S. and India be impacted by the USMCA? How significant is India when it comes to supplying the U.S. with fasteners and vice versa?

U.S. Imports: Is India One of the Leading Suppliers of Fasteners?

Considering the decline in manufacturing amidst a global pandemic, the U.S. managed to import a total of over 5 billion USD worth of fasteners in 2020. India alone contributed over 116 million USD of that total, making it self the 8th largest fastener exporter to the U.S. When compared to 2019, India exported nearly 25% less in 2020. Most major countries exporting fasteners to the U.S. decreased their supply during 2020 including India which exported 13% less fasteners in 2020 when compared to 2019.

While U.S. imports of 731815 dropped by over 21% in 2020, the majority of fastener exports from India fell under 731815 two years in a row. In fact, all subcategories of fasteners dropped in 2020 except for 731813 which increased by over 15% in 2020 by comparison to 2019.

Despite the decline in 2020, India had been consistently increasing their fastener exports to the U.S. every year. In 2019, the U.S. saw the largest



value of fasteners likely due to the turmoil on Chinese tariffs. 2019 impacted trade like no other, causing U.S. importers to diversify their sourcing after so many of the Chinese tariffs had increased substantially. These types of circumstances may have temporarily put a strain on Chinese manufacturers of fasteners, but it opened new opportunities for fastener manufacturers in India which led them to increase the overall volume of fastener exports. Fasteners are an essential commodity for a wide variety of industries, so any abrupt change in procurement can disrupt the supply chain.

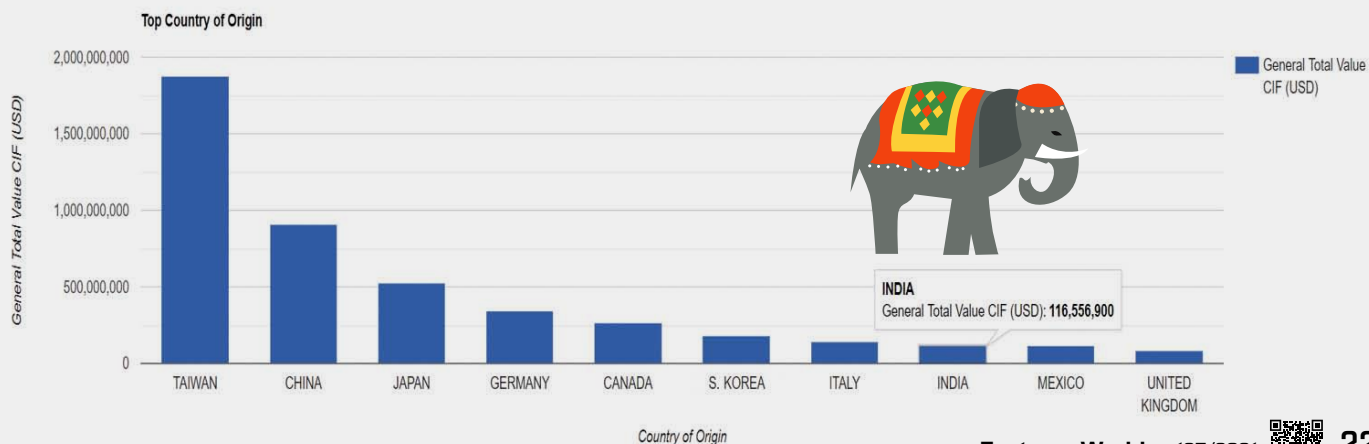
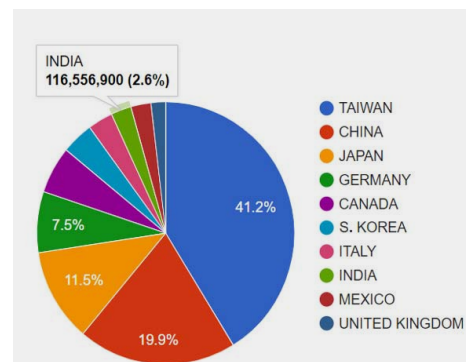
While Mexico and Canada may have only accounted for nearly 7.5% of the total imported value of fasteners in 2020, they remain as two of the U.S.'s strongest trading partners. This may partially be due to the USMCA (formerly recognized as NAFTA) and the turmoil of tariffs that occurred during 2019. Mexico and Canada have a firm grip on the U.S. supply of fasteners which could potentially shift U.S. sourcing efforts away from countries like India and China in the future.

United States - Import

Main query filters: Product HS : 7318 - Screws, Bolts, Nuts, Coach Screws, Screw Hooks, Rivets, Cotters, Cotter Pins, Washers and Similar Articles, of Iron or Steel

Country of Origin	2016				2017				2018			
	General Total Value CIF (USD)	%	General Quantity (kg)	%	General Total Value CIF (USD)	%	General Quantity (kg)	%	General Total Value CIF (USD)	%	General Quantity (kg)	%
Taiwan	1,512,763,809	31.62	544,975,268	36.03	1,695,177,002	32.80	572,892,820	37.05	1,935,363,130	32.10	642,108,310	36.03
China	1,089,267,219	22.77	552,585,092	36.53	1,229,973,800	23.80	577,920,267	37.37	1,630,859,894	27.05	703,375,316	39.46
Japan	645,603,874	13.50	136,998,245	9.06	648,194,818	12.55	96,792,773	6.26	644,506,115	10.69	101,606,714	5.71
Germany	304,531,405	6.37	37,775,762	2.50	297,601,078	5.76	34,902,355	2.26	344,921,221	5.73	32,657,036	1.84
Canada	263,340,402	5.51	58,970,087	3.90	277,584,037	5.38	66,367,145	4.30	313,533,514	5.21	76,422,263	4.29
S. Korea	220,695,373	4.62	45,536,620	3.01	188,722,047	3.66	42,404,509	2.75	198,057,295	3.29	45,024,072	2.53
Mexico	105,183,837	2.20	12,552,726	0.83	110,837,933	2.15	12,593,742	0.82	121,771,895	2.02	13,636,933	0.77
Italy	103,507,730	2.17	15,010,621	1.00	139,830,777	2.71	20,744,214	1.35	161,124,929	2.68	22,662,888	1.28
India	94,439,645	1.98	46,518,739	3.08	99,159,729	1.92	49,848,457	3.23	124,494,325	2.07	54,607,876	3.07
France	83,194,275	1.74	3,622,410	0.24	88,195,580	1.71	4,399,425	0.29	87,583,105	1.46	4,368,457	0.25
Total	4,785,685,901	100.00	1,512,964,397	100.00	5,168,791,299	100.00	1,546,678,148	100.00	6,029,489,521	100.00	1,782,518,912	100.00

Country of Origin	2019				2020			
	General Total Value CIF (USD)	%	General Quantity (kg)	%	General Total Value CIF (USD)	%	General Quantity (kg)	%
Taiwan	2,017,113,212	34.53	647,320,640	39.50	1,878,810,525	37.04	611,967,110	41.03
China	1,207,846,153	20.68	516,843,311	31.54	906,334,869	17.87	417,921,776	28.02
Japan	648,298,263	11.10	100,429,867	6.13	524,511,802	10.34	82,099,225	5.51
Germany	381,542,652	6.54	46,957,565	2.87	343,044,039	6.77	41,671,866	2.80
Canada	315,553,400	5.41	73,544,433	4.49	264,497,330	5.22	54,444,523	3.66
S. Korea	197,953,133	3.39	43,288,996	2.65	182,819,205	3.61	67,151,608	4.51
Mexico	132,206,656	2.27	12,899,674	0.79	114,068,791	2.25	13,485,743	0.91
Italy	150,498,031	2.58	19,697,076	1.21	143,541,776	2.83	16,625,921	1.12
India	155,067,539	2.66	61,184,524	3.74	116,556,900	2.30	55,992,096	3.76
France	89,293,822	1.53	3,372,924	0.21	71,848,617	1.42	2,495,212	0.17
Total	5,841,885,221	100.00	1,638,796,650	100.00	5,073,308,249	100.00	1,491,564,174	100.00



United States - Import

Main query filters: Product HS : 7318 - Screws, Bolts, Nuts, Coach Screws, Screw Hooks, Rivets, Cotters, Cotter Pins, Washers and Similar Articles, of Iron or Steel

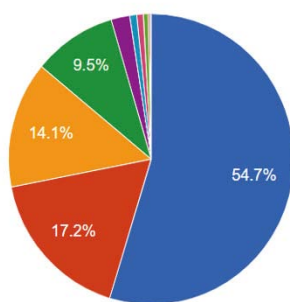
Country of Origin	2019				2020				Volume Change			
	General Total Value CIF (USD)	%	General Quantity (kg)	%	General Total Value CIF (USD)	%	General Quantity (kg)	%	General Total Value CIF (USD)	%	General Quantity (kg)	%
Taiwan	2,017,113,212	34.53	647,320,640	39.50	1,878,810,525	37.04	611,967,110	41.03	-138,302,687	-6.86	-35,353,530	-5.47
China	1,207,846,153	20.68	516,843,311	31.54	906,334,869	17.87	417,921,776	28.02	-301,511,284	-24.97	-98,921,535	-19.14
Japan	648,298,263	11.10	100,429,867	6.13	524,511,802	10.34	82,099,225	5.51	-123,786,461	-19.10	-18,330,642	-18.26
Germany	381,542,652	6.54	46,957,565	2.87	343,044,039	6.77	41,671,866	2.80	-38,498,613	-10.10	-5,285,699	-11.26
Canada	315,553,400	5.41	73,544,433	4.49	264,497,330	5.22	54,444,523	3.66	-51,056,070	-16.18	-19,099,910	-25.98
S. Korea	197,953,133	3.39	43,288,996	2.65	182,819,205	3.61	67,151,608	4.51	-15,133,928	-7.65	23,862,612	55.13
India	155,067,539	2.66	61,184,524	3.74	116,556,900	2.30	55,992,096	3.76	-38,510,639	-24.84	-5,192,428	-8.49
Italy	150,498,031	2.58	19,697,076	1.21	143,541,776	2.83	16,625,921	1.12	-6,956,255	-4.63	-3,071,155	-15.60
Mexico	132,206,656	2.27	12,899,674	0.79	114,068,791	2.25	13,485,743	0.91	-18,137,865	-13.72	586,069	4.55
U.K.	89,547,877	1.54	5,784,994	0.36	84,450,915	1.67	6,415,441	0.44	-5,096,962	-5.70	630,447	10.90
Total	5,841,885,221	100.00	1,638,796,650	100.00	5,073,308,249	100.00	1,491,564,174	100.00	-768,576,972	-13.16	-147,232,476	-8.99

Product HS (6)	2019				2020				Volume Change			
	General Quantity (kg)	%	General Total Value CIF (USD)	%	General Quantity (kg)	%	General Total Value CIF (USD)	%	General Quantity (kg)	%	General Total Value CIF (USD)	%
731815 - Threaded screws and bolts others, with or without their nuts or washers, of iron or steel	45,093,385	73.71	81,544,339	52.59	41,342,766	73.84	63,722,819	54.68	-3,750,619	-8.32	-17,821,520	-21.86
731816 - Nuts, threaded, of iron or steel	5,876,441	9.61	24,473,678	15.79	5,057,057	9.04	20,059,092	17.21	-819,384	-13.95	-4,414,586	-18.04
731822 - Washers, other than lock washers, of iron or steel	4,642,759	7.59	14,292,411	9.22	3,988,122	7.13	11,025,633	9.46	-654,637	-14.11	-3,266,778	-22.86
731829 - Nonthreaded articles (fasteners) others, of iron or steel	4,237,188	6.93	27,499,881	17.74	3,955,008	7.07	16,408,244	14.08	-282,180	-6.66	-11,091,637	-40.34
731819 - Threaded articles of iron or steel others	568,237	0.93	3,743,347	2.42	973,493	1.74	2,460,334	2.12	405,256	71.32	-1,283,013	-34.28
731824 - Cotters and cotter pins, of iron or steel	232,016	0.38	1,160,362	0.75	250,011	0.45	923,858	0.80	17,995	7.76	-236,504	-20.39
731821 - Spring washers and other lock washers, of iron or steel	201,630	0.33	1,342,227	0.87	121,237	0.22	869,539	0.75	-80,393	-39.88	-472,688	-35.22
731813 - Screw hooks and screw rings, threaded, of iron or steel	188,307	0.31	527,660	0.35	210,945	0.38	611,035	0.53	22,638	12.03	83,375	15.81
731812 - Wood screws other than coach screws, threaded, of iron or steel	49,598	0.09	71,108	0.05	0	0.00	0	0.00	-49,598	-100.00	-71,108	-100.00
731814 - Self-tapping screws, threaded, of iron or steel	48,129	0.08	230,475	0.15	28,465	0.06	227,998	0.20	-19,664	-40.86	-2,477	-1.08
Total	61,184,524	100.00	155,067,539	100.00	55,992,096	100.00	116,556,900	100.00	-5,192,428	-8.49	-38,510,639	-24.84

U.S. Exports: Does the U.S. Really Export Fasteners?

The U.S. is not the first country one would assume to be leading the global market of fastener manufacturing. In reality, the U.S. exported a little over 3.6 billion USD in fasteners during 2020 and India accounted for less than 1%. Exports to India were on a steady increase during 2017/2018, and unfortunately dropped in 2019/2020. At no point during these years did fastener exports account for more than 1% of the total value exported to India. The most drastic decline in fastener exports to India occurred during 2020 when the total value decreased by 23% when compared to 2019.

Top Product HS (6)



- 731815 - Threaded screws and bolts others, with or without their nuts or washers, of iron or steel
- 731816 - Nuts, threaded, of iron or steel
- 731822 - Washers, other than lock washers, of iron or steel
- 731829 - Nonthreaded articles (fasteners) others, of iron or steel
- 731819 - Threaded articles of iron or steel others
- 731824 - Cotters and cotter pins, of iron or steel
- 731821 - Spring washers and other lock washers, of iron or steel
- 731813 - Screw hooks and screw rings, threaded, of iron or steel
- 731812 - Wood screws other than coach screws, threaded, of iron or steel
- 731814 - Self-tapping screws, threaded, of iron or steel
- 731811 - Rivets of iron or steel

Similar to fastener imports from India, the majority of fastener exports to India are seen within the 731815 subcategory. 731815 accounted for 47% of the total volume of fastener exports to India in 2020, while others such as 731816, 731829 and 731822 accounted for only a small fraction of the total value for the year 2020.

It is very difficult for countries in Europe and Asia to enter the U.S. supply chain, especially when it comes to U.S. manufactured fasteners. Mexico and Canada combined imported nearly 60% of the total value of U.S. fasteners in 2020 which is a direct result of



United States - Export

Main query filters: Product HS : 7318 - Screws, Bolts, Nuts, Coach Screws, Screw Hooks, Rivets, Cotter Pins, Washers and Similar Articles, of Iron or Steel

Country of Origin	2016				2017				2018			
	General Total Value CIF (USD)	%	General Quantity (kg)	%	General Total Value CIF (USD)	%	General Quantity (kg)	%	General Total Value CIF (USD)	%	General Quantity (kg)	%
Mexico	1,314,654,296	32.25	203,863,541	28.04	1,412,953,785	32.74	222,665,666	28.46	1,499,699,725	34.49	231,263,430	29.89
Canada	1,005,906,068	24.68	408,775,729	56.23	1,048,308,919	24.29	441,917,998	56.49	1,115,481,725	25.66	428,795,685	55.41
Brazil	299,423,733	7.35	7,366,754	1.02	293,671,098	6.81	9,298,870	1.19	92,605,918	2.13	8,267,540	1.07
China	190,075,624	4.67	23,026,246	3.17	214,463,469	4.97	25,026,182	3.20	204,021,437	4.70	18,255,470	2.36
U.K.	163,622,895	4.02	10,139,488	1.40	164,221,037	3.81	10,389,620	1.33	168,552,437	3.88	9,778,718	1.27
Germany	117,867,815	2.90	8,241,516	1.14	121,337,992	2.82	8,199,628	1.05	116,394,757	2.68	8,073,587	1.05
France	111,789,548	2.75	3,187,001	0.44	107,454,702	2.49	2,357,514	0.31	103,682,248	2.39	2,747,118	0.36
Japan	83,231,548	2.05	3,921,081	0.54	76,326,006	1.77	3,411,218	0.44	91,433,597	2.11	3,122,248	0.41
Singapore	77,791,434	1.91	4,137,691	0.57	86,775,503	2.02	3,449,250	0.45	96,586,451	2.23	3,443,820	0.45
S. Korea	65,706,333	1.62	4,044,874	0.56	83,023,821	1.93	3,976,045	0.51	89,653,958	2.07	4,325,897	0.56
Australia	53,263,745	1.31	2,786,774	0.39	72,189,571	1.68	3,479,478	0.45	72,274,354	1.67	3,659,816	0.48
Netherlands	33,750,636	0.83	3,443,941	0.48	33,171,802	0.77	3,306,741	0.43	38,618,921	0.89	3,795,089	0.50
Italy	33,209,728	0.82	1,757,287	0.25	37,137,615	0.87	2,119,679	0.28	34,639,767	0.80	1,803,799	0.24
Spain	30,730,216	0.76	3,285,002	0.46	32,885,566	0.77	3,300,002	0.43	37,386,332	0.86	3,404,930	0.44
Thailand	23,321,083	0.58	3,200,664	0.45	23,171,450	0.54	3,634,594	0.47	22,883,037	0.53	3,655,844	0.48
U.A.E.	22,936,285	0.57	940,348	0.13	22,643,101	0.53	899,110	0.12	20,374,007	0.47	1,187,955	0.16
India	22,924,971	0.57	2,311,975	0.32	35,445,913	0.83	3,051,150	0.39	36,818,357	0.85	3,515,981	0.46
Poland	22,508,002	0.56	1,625,661	0.23	18,409,414	0.43	1,260,218	0.17	14,413,722	0.34	1,145,676	0.15
Saudi Arabia	21,778,212	0.54	3,460,850	0.48	15,524,574	0.36	818,903	0.11	19,903,451	0.46	798,031	0.11
Chile	21,298,239	0.53	1,499,717	0.21	23,841,660	0.56	1,577,473	0.21	39,048,715	0.90	2,153,134	0.28
Total	4,076,555,511	100.00	727,053,375	100.00	4,316,300,639	100.00	782,429,289	100.00	4,348,457,743	100.00	773,885,156	100.00

Country of Origin	2019				2020			
	General Total Value CIF (USD)	%	General Quantity (kg)	%	General Total Value CIF (USD)	%	General Quantity (kg)	%
Mexico	1,528,570,326	34.77	218,810,790	28.27	1,216,036,841	33.57	167,065,567	23.12
Canada	1,142,383,822	25.99	456,623,732	59.00	939,556,124	25.94	473,885,439	65.56
Brazil	109,464,772	2.49	10,875,768	1.41	90,407,063	2.50	9,125,876	1.27
China	183,175,516	4.17	9,689,066	1.26	183,080,439	5.06	12,644,021	1.75
U.K.	160,267,016	3.65	7,519,342	0.98	127,209,982	3.52	5,587,940	0.78
Germany	123,712,184	2.82	8,101,157	1.05	98,187,380	2.72	5,376,840	0.75
France	89,890,788	2.05	2,293,625	0.30	79,427,768	2.20	1,887,147	0.27
Japan	98,481,641	2.24	3,307,978	0.43	83,679,269	2.31	2,702,268	0.38
Singapore	104,546,228	2.38	3,654,153	0.48	76,825,029	2.13	2,448,890	0.34
S. Korea	88,427,189	2.02	3,487,393	0.46	76,834,479	2.13	3,085,856	0.43
Australia	73,097,950	1.67	4,522,533	0.59	65,206,446	1.81	2,938,543	0.41
Netherlands	32,977,306	0.76	2,950,051	0.39	28,091,168	0.78	2,389,855	0.34
Italy	34,726,324	0.79	2,166,257	0.28	30,354,858	0.84	1,604,698	0.23
Spain	36,080,842	0.83	2,342,826	0.31	17,801,165	0.50	1,519,117	0.22
Thailand	24,874,744	0.57	3,372,673	0.44	17,743,235	0.49	2,479,684	0.35
U.A.E.	29,313,035	0.67	1,182,518	0.16	21,511,666	0.60	626,930	0.09
India	34,232,691	0.78	2,758,027	0.36	26,244,739	0.73	2,094,010	0.29
Poland	16,008,810	0.37	1,183,284	0.16	14,623,845	0.41	850,749	0.12
Saudi Arabia	14,742,262	0.34	495,880	0.07	12,306,637	0.34	434,411	0.07
Chile	28,638,189	0.66	2,475,660	0.32	30,385,932	0.84	2,120,429	0.30
Total	4,396,938,196	100.00	774,017,702	100.00	3,622,489,339	100.00	722,896,941	100.00

USMCA. In theory, U.S. trade with Mexico and Canada is seen to be beneficial because of the reduced tariffs imposed on goods being traded within North America.

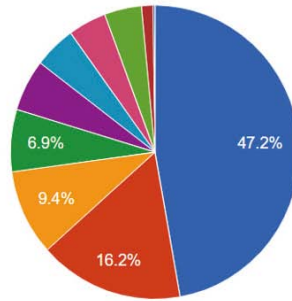
Looking Beyond 2020 and the New U.S. Administration

Understanding 2020 was an anomaly for global trade, it is promising to see a steady increase of fastener imports from India over the last several years. While fastener imports from India showed a significant uptick towards the end of 2020, it was not enough to make up for the earlier months of 2020 during the height of the pandemic. It's important to keep in mind the U.S. is under an entirely new administration which firmly believes and supports the TPP (Trans-Pacific Partnership), USMCA (more commonly known as NAFTA) and China's entry into the World Trade Organization. A few priorities have already been



established: investment into high-speed trains and the manufacturing of electric cars, both industries that would require U.S. companies to source and import fasteners from its trading partners. It may still be too early to know how foreign trade will be impacted by the new administration or if the new administration will be able to revert the high tariffs with China and other countries. One thing remains certain; the U.S.'s demand for fasteners is expected to continue well into the future.

Top Product HS (6)



- THREADED SCREWS AND BOLTS OTHERS, WITH OR WITHOUT THEIR NUTS OR WASHERS, OF IRON OR STEEL
- NUTS, THREADED, OF IRON OR STEEL
- NONTHREADED ARTICLES (FASTENERS) OTHERS, OF IRON OR STEEL
- THREADED ARTICLES OF IRON OR STEEL OTHERS
- WASHERS, OTHER THAN LOCK WASHERS, OF IRON OR STEEL
- COTTERS AND COTTER PINS, OF IRON OR STEEL
- RIVETS OF IRON OR STEEL
- SELF-TAPPING SCREWS, THREADED, OF IRON OR STEEL
- SPRING WASHERS AND OTHER LOCK WASHERS, OF IRON OR STEEL
- COACH SCREWS, THREADED, OF IRON OR STEEL

United States - Export

Main query filters: Product HS : 7318 - Screws, Bolts, Nuts, Coach Screws, Screw Hooks, Rivets, Cotters, Cotter Pins, Washers and Similar Articles, of Iron or Steel

Country of Destination	2019				2020				Volume Change			
	FOB Value (USD)	%	Quantity (kg)	%	FOB Value (USD)	%	Quantity (kg)	%	FOB Value (USD)	%	Quantity (kg)	%
Mexico	1,528,570,326	34.77	218,810,790	28.27	1,216,036,841	33.57	167,065,567	23.12	-312,533,485	-20.45	-51,745,223	-23.65
Canada	1,142,383,822	25.99	456,623,732	59.00	939,556,124	25.94	473,885,439	65.56	-202,827,698	-17.76	17,261,707	3.79
China	183,175,516	4.17	9,689,066	1.26	183,080,439	5.06	12,644,021	1.75	-95,077	-0.06	2,954,955	30.50
U.K.	160,267,016	3.65	7,519,342	0.98	127,209,982	3.52	5,587,940	0.78	-33,057,034	-20.63	-1,931,402	-25.69
Germany	123,712,184	2.82	8,101,157	1.05	98,187,380	2.72	5,376,840	0.75	-25,524,804	-20.64	-2,724,317	-33.63
Brazil	109,464,772	2.49	10,875,768	1.41	90,407,063	2.50	9,125,876	1.27	-19,057,709	-17.41	-1,749,892	-16.09
Singapore	104,546,228	2.38	3,654,153	0.48	76,825,029	2.13	2,448,890	0.34	-27,721,199	-26.52	-1,205,263	-32.99
Japan	98,481,641	2.24	3,307,978	0.43	83,679,269	2.31	2,702,268	0.38	-14,802,372	-15.04	-605,710	-18.32
France	89,890,788	2.05	2,293,625	0.30	79,427,768	2.20	1,887,147	0.27	-10,463,020	-11.64	-406,478	-17.73
S. Korea	88,427,189	2.02	3,487,393	0.46	76,834,479	2.13	3,085,856	0.43	-11,592,710	-13.11	-401,537	-11.52
Australia	73,097,950	1.67	4,522,533	0.59	65,206,446	1.81	2,938,543	0.41	-7,891,504	-10.80	-1,583,990	-35.03
Spain	36,080,842	0.83	2,342,826	0.31	17,801,165	0.50	1,519,117	0.22	-18,279,677	-50.67	-823,709	-35.16
Italy	34,726,324	0.79	2,166,257	0.28	30,354,858	0.84	1,604,698	0.23	-4,371,466	-12.59	-561,559	-25.93
India	34,232,691	0.78	2,758,027	0.36	26,244,739	0.73	2,094,010	0.29	-7,987,952	-23.34	-664,017	-24.08
Netherlands	32,977,306	0.76	2,950,051	0.39	28,091,168	0.78	2,389,855	0.34	-4,886,138	-14.82	-560,196	-18.99
Turkey	30,408,604	0.70	2,660,071	0.35	30,034,065	0.83	1,919,189	0.27	-374,539	-1.24	-740,882	-27.86
U.A.E.	29,313,035	0.67	1,182,518	0.16	21,511,666	0.60	626,930	0.09	-7,801,369	-26.62	-555,588	-46.99
Chile	28,638,189	0.66	2,475,660	0.32	30,385,932	0.84	2,120,429	0.30	1,747,743	6.11	-355,231	-14.35
Taiwan	25,915,750	0.59	1,003,335	0.13	22,780,074	0.63	924,701	0.13	-3,135,676	-12.10	-78,634	-7.84
Thailand	24,874,744	0.57	3,372,673	0.44	17,743,235	0.49	2,479,684	0.35	-7,131,509	-28.67	-892,989	-26.48
Total	4,396,938,196	100.00	774,017,702	100.00	3,622,489,339	100.00	722,896,941	100.00	-774,448,857	-17.62	-51,120,761	-6.61

Product HS (6)	2019				2020				Volume Change			
	FOB Value (USD)	%	Quantity (kg)	%	FOB Value (USD)	%	Quantity (kg)	%	FOB Value (USD)	%	Quantity (kg)	%
731815 - Threaded screws and bolts others, with or without their nuts or washers, of iron or steel	15,072,198	44.03	1,589,063	57.62	12,382,173	47.18	1,353,321	64.63	-2,690,025	-17.85	-235,742	-14.84
731816 - Nuts, threaded, of iron or steel	6,811,017	19.90	411,000	14.91	4,245,378	16.18	230,693	11.02	-2,565,639	-37.67	-180,307	-43.88
731829 - Nonthreaded articles (fasteners) others, of iron or steel	3,951,949	11.55	168,608	6.12	2,477,633	9.45	76,923	3.68	-1,474,316	-37.31	-91,685	-54.38
731819 - Threaded articles of iron or steel others	2,245,880	6.57	93,680	3.40	1,796,645	6.85	68,063	3.26	-449,235	-20.01	-25,617	-27.35
731822 - Washers, other than lock washers, of iron or steel	2,153,903	6.30	188,003	6.82	1,491,157	5.69	125,392	5.99	-662,746	-30.77	-62,611	-33.31
731824 - Cotters and cotter pins, of iron or steel	1,369,267	4.00	117,174	4.25	1,227,009	4.68	83,046	3.97	-142,258	-10.39	-34,128	-29.13
731814 - Self-tapping screws, threaded, of iron or steel	1,302,989	3.81	118,504	4.30	1,090,764	4.16	102,202	4.89	-212,225	-16.29	-16,302	-13.76
731823 - Rivets of iron or steel	886,148	2.59	51,795	1.88	1,121,490	4.28	32,209	1.54	235,342	26.56	-19,586	-37.82
731821 - Spring washers and other lock washers, of iron or steel	327,822	0.96	12,839	0.47	338,776	1.30	17,323	0.83	10,954	3.35	4,484	34.93
731811 - Coach screws, threaded, of iron or steel	80,930	0.24	4,425	0.17	56,327	0.22	3,822	0.19	-24,603	-30.41	-603	-13.63
Total	34,232,691	100.00	2,758,027	100.00	26,244,739	100.00	2,094,010	100.00	-7,987,952	-23.34	-664,017	-24.08

