

# 2024 Fastening Tools Statistics of Taiwan & Brazil

## 2024台、巴緊固工具進出口統計



**Taiwan** / in descending order according to weight of 2024

Source: Bureau of Foreign Trade (Taiwan)

### Import

#### HS 8204 Hand-Operated Spanners & Wrenches

Rank	Country	2023 (USD)	2024 (USD)	Same Period Change (USD)	2023 (Kg)	2024 (Kg)	Same Period Change (Kg)
	<b>World</b>	<b>34,653,132</b>	<b>37,654,427</b>	<b>8.66%</b>	<b>5,686,973</b>	<b>6,027,155</b>	<b>5.98%</b>
1	China	19,859,002	23,904,660	20.37%	4,169,266	4,563,993	9.47%
2	Vietnam	6,012,605	6,243,748	3.84%	1,094,115	1,178,364	7.70%
3	Japan	2,737,927	2,657,589	-2.93%	143,401	122,411	-14.64%
4	Turkiye	383,314	587,755	53.34%	41,853	58,618	40.06%
5	India	775,995	205,835	-73.48%	136,807	36,444	-73.36%
6	Italy	138,911	141,720	2.02%	10,359	8,313	-19.75%
7	USA	1,390,938	1,066,573	-23.32%	19,125	7,188	-62.42%
8	Netherlands	677,868	827,560	22.08%	4,284	4,763	11.18%
9	Germany	780,380	634,579	-18.68%	7,108	4,680	-34.16%
10	Malaysia	83,771	44,134	-47.32%	4,044	3,120	-22.85%

In terms of imports, the main sources of Taiwan's hand-operated spanners and wrenches (HS 8204) in 2024 were China and Vietnam, which altogether accounted for about 5,700 tons, or more than 95% of the total imports in that year. Imports from Turkiye grew the most compared to 2023 (up to about 40%). Among the top 10 sources, India showed the largest decline of 73.36%; in terms of import value, imports from Turkiye showed the largest growth, while imports from India, Germany, Malaysia, and the United States showed the largest decline compared to 2023. Overall, the value and volume of Taiwan's imports from the world were still on a growing trend compared to 2023.



HS 8205 Hand Tools, Blow Torches, Anvils							
Rank	Country	2023 (USD)	2024 (USD)	Same Period Change (USD)	2023 (Kg)	2024 (Kg)	Same Period Change (Kg)
	World	44,406,504	45,535,968	2.54%	7,710,025	8,827,705	14.50%
1	China	25,374,213	27,132,391	6.93%	6,857,787	7,601,463	10.84%
2	Vietnam	1,589,827	2,518,799	58.43%	364,458	760,127	108.56%
3	Japan	4,212,913	4,342,137	3.07%	174,037	175,765	0.99%
4	Germany	2,610,340	1,863,357	-28.62%	38,058	44,131	15.96%
5	Italy	393,156	782,876	99.13%	19,690	30,107	52.91%
6	India	220,262	214,599	-2.57%	37,563	26,125	-30.45%
7	Thailand	94,546	128,374	35.78%	19,175	22,385	16.74%
8	Malaysia	190,226	527,042	177.06%	7,197	20,516	185.06%
9	USA	3,073,658	2,431,120	-20.91%	30,904	15,977	-48.30%
10	South Korea	340,455	483,168	41.92%	8,779	12,366	40.86%

In terms of import volume, the two major sources of Taiwan's major hand tool (HS 8205) imports in 2024 were China and Vietnam, which altogether accounted for 8,361 tons, or nearly 95% of the total imports in 2024. Imports from Vietnam and Malaysia showed an increase of more than double or even triple compared to the same period in 2023, while imports from India and the U.S. decreased by 30-50%; in terms of the import value, Taiwan's imports in 2024 were roughly the same size as in 2023, with an increase of about 2.54%; however, imports from India decreased slightly by 2.57%, while imports from Germany and the US showed a decline of about 20-30%; and the volume of imports from the world grew by about 15%.

HS 8207 Interchangeable Tools for Hand Tools or Machine Tools							
Rank	Country	2023 (USD)	2024 (USD)	Same Period Change (USD)	2023 (Kg)	2024 (Kg)	Same Period Change (Kg)
	World	146,234,035	154,941,683	5.96%	6,930,487	7,442,221	7.38%
1	China	65,913,533	69,151,519	4.91%	5,305,055	6,023,563	13.54%
2	Japan	38,755,085	47,750,092	23.21%	545,142	471,107	-13.58%
3	Vietnam	3,443,873	3,690,010	7.15%	394,857	393,582	-0.32%
4	Germany	9,276,504	7,659,058	-17.44%	199,316	178,302	-10.54%
5	South Korea	7,737,265	5,753,781	-25.64%	123,647	87,339	-29.36%
6	USA	3,456,339	5,173,631	49.69%	22,268	39,282	76.41%
7	Singapore	4,621,178	4,360,044	-5.65%	22,962	24,013	4.58%
8	Philippines	75,363	201,718	167.66%	5,800	14,552	150.90%
9	Belgium	13,459	76,872	471.16%	93	10,349	11,027.96%
10	Italy	1,439,342	1,103,438	-23.34%	13,434	7,234	-46.15%

In terms of import volume, the two largest sources of Taiwan's interchangeable tools (HS 8207) in 2024 were China and Japan, with China alone accounting for more than 80% of the total import. Although Japan surpassed Vietnam to become the second largest supplier, it declined 13.58% compared to the same period of 2023. Other notable declines were seen in Germany, S. Korea and Italy. The steep rise in imports from Belgium is noteworthy; in terms of import value, imports from Japan showed mainly higher-value products. Imports from the Philippines and Belgium both showed significant increases in value; overall imports from the world grew somewhat in value and volume compared to 2023.

## Export

HS 8204 Hand-Operated Spanners & Wrenches							
Rank	Country	2023 (USD)	2024 (USD)	Same Period Change (USD)	2023 (Kg)	2024 (Kg)	Same Period Change (Kg)
	World	782,414,552	760,785,086	-2.76%	75,629,481	75,123,205	-0.67%
1	USA	330,280,565	350,487,918	6.12%	33,883,176	36,284,762	7.09%
2	China	39,305,404	44,334,185	12.79%	7,654,571	8,518,089	11.28%
3	Australia	29,813,281	30,562,897	2.51%	2,586,681	2,495,352	-3.53%
4	Netherlands	35,423,698	32,885,274	-7.17%	2,384,069	2,333,225	-2.13%
5	Germany	44,733,608	36,074,323	-19.36%	2,785,058	2,227,368	-20.02%
6	Russia	35,218,622	23,083,883	-34.46%	3,173,941	1,901,249	-40.10%
7	France	30,582,041	30,535,942	-0.15%	1,772,890	1,809,026	2.04%
8	Japan	30,079,586	23,687,382	-21.25%	1,751,771	1,435,996	-18.03%
9	Belgium	13,749,544	14,394,690	4.69%	1,302,316	1,414,593	8.62%
10	Vietnam	4,490,704	6,511,819	45.01%	1,009,358	1,285,430	27.35%



In terms of export volume, Taiwan's top 2 export destinations for hand-operated spanners and wrenches (HS 8204) were the U.S. and China, with the U.S. accounting for nearly 50% of the total exports. China accounted for about 11%. Although exports to the U.S. and China remained growth, the export to the world in 2024 compared to 2023 still slightly reduced by 0.67% as 5 of the top 10 major export partners showed decline; in terms of export value, Taiwan's exports to the U.S. in 2024 amounted to US\$350 million, exports to China amounted to US\$44 million. The values of exports to Russia and Japan decreased most significantly, while the value of export to Vietnam increased by 45%. However, the overall export value was still 2.76% lower than that of 2023.

HS 8205 Hand Tools, Blow Torches, Anvils							
Rank	Country	2023 (USD)	2024 (USD)	Same Period Change (USD)	2023 (Kg)	2024 (Kg)	Same Period Change (Kg)
	World	993,726,798	977,617,892	-1.62%	79,340,224	79,081,123	-0.33%
1	USA	434,473,851	446,063,389	2.67%	33,964,215	35,693,499	5.09%
2	Japan	57,280,040	51,672,989	-9.79%	4,321,135	3,847,760	-10.96%
3	Germany	47,190,230	47,055,663	-0.29%	3,383,527	3,411,937	0.84%
4	China	23,357,928	24,475,029	4.78%	3,192,492	3,345,777	4.80%
5	U.K.	45,113,864	46,028,778	2.03%	3,297,496	3,231,034	-2.02%
6	Australia	41,298,403	39,389,606	-4.62%	3,032,439	2,964,643	-2.24%
7	Netherlands	30,541,668	30,787,328	0.80%	2,188,468	2,264,718	3.48%
8	Russia	32,217,162	24,550,462	-23.80%	2,863,073	2,204,655	-23.00%
9	Belgium	18,573,974	21,297,688	14.66%	1,881,078	2,112,303	12.29%
10	France	21,129,346	24,203,706	14.55%	1,701,792	1,848,738	8.64%

In terms of export volume, Taiwan's hand tools (HS 8205) were mainly exported to the United States, accounting for more than 45% of the total, with a growth of more than 5% compared to 2023. In the top 10 export partners, exports to Germany, China, the Netherlands, Belgium and France also showed growth; in terms of export value, the value of export to the United States reached US\$446 million, up 2.67% from 2023, exports to France and Belgium also showed a nearly 15% growth; the overall export scale was almost the same as in 2023, with only a slight decline of around 1-2%.

HS 8207 Interchangeable Tools for Hand Tools or Machine Tools							
Rank	Country	2023 (USD)	2024 (USD)	Same Period Change (USD)	2023 (Kg)	2024 (Kg)	Same Period Change (Kg)
	World	448,061,523	453,882,058	1.30%	13,364,537	15,020,704	12.39%
1	USA	87,009,839	97,544,500	12.11%	3,653,384	4,175,962	14.30%
2	China	125,157,894	121,469,420	-2.95%	2,200,220	4,049,464	84.05%
3	Japan	27,080,650	27,335,387	0.94%	1,108,154	1,135,598	2.48%
4	Russia	17,219,344	16,515,275	-4.09%	471,900	499,474	5.84%
5	Malaysia	6,923,094	6,934,636	0.17%	487,104	484,620	-0.51%
6	Vietnam	15,193,465	17,652,127	16.18%	679,342	470,341	-30.77%
7	Germany	17,465,299	19,708,701	12.85%	319,919	388,562	21.46%
8	India	14,313,746	12,100,355	-15.46%	731,622	375,546	-48.67%
9	Mexico	5,251,313	3,965,566	-24.48%	502,371	281,438	-43.98%
10	U.K.	5,940,681	8,058,821	35.66%	174,952	268,215	53.31%

In 2024, Taiwan's interchangeable tools (HS 8207) were mainly exported to the United States and China, with the combined share of the two countries exceeding 50%. Export to China grew significantly by 84.05% from 2023. Exports to Vietnam, India and Mexico showed a significant decline; in terms of export value, although India and Mexico showed significant decrease, the United States, Vietnam, Germany and U.K. still maintained double-digit growth; the overall export volume increased by 12.39% from 2023, and the export value also increased by 1.30%.

※ In summary, Taiwan's main hand tools import demand appeared an increased trend. Although the exports of hand-operated spanners and wrenches (HS 8204) and hand tools (HS 8205) showed a slight decrease, the export of interchangeable tools (HS 8207) was not bad.



**Import**

Source: Ministry of Industry, External Commerce and Service of Brazil

HS 8204 Hand-Operated Spanners & Wrenches							
Rank	Country	2023 (USD)	2024 (USD)	Same Period Change (USD)	2023 (Kg)	2024 (Kg)	Same Period Change (Kg)
	World	49,801,562	63,930,889	28.37%	11,464,267	14,926,849	30.20%
1	China	24,884,385	31,128,926	25.09%	7,142,166	9,753,477	36.56%
2	India	8,677,929	11,153,038	28.52%	2,259,188	2,948,456	30.51%
3	Taiwan	8,727,205	12,404,739	42.14%	914,838	1,460,540	59.65%
4	Japan	617,876	521,385	-15.62%	676,720	231,866	-65.74%
5	Italy	847,018	859,124	1.43%	133,968	126,267	-5.75%
6	Germany	1,440,359	1,840,499	27.78%	79,744	99,469	24.74%
7	Netherlands	362,510	458,977	26.61%	46,850	60,266	28.64%
8	Hong Kong	69,197	90,344	30.56%	38,828	54,932	41.48%
9	Spain	206,180	307,687	49.23%	32,248	38,286	18.72%
10	Romania	97,012	160,065	65.00%	25,739	32,514	26.32%

Brazil's hand-operated spanners and wrenches (HS 8204) were mainly imported from China, India and Taiwan. Taiwan's year-on-year performance in 2024 was more prominent than that of China or India, with a growth of nearly 60%. Import from Japan declined the most, down 65.74%, while Italy also showed a decline of about 6%; in terms of import value, only Japan among the top 10 showed a downward trend, the other countries showed double-digit growth from 2023 (except for Italy with 1.43%); the total import volume increased by 30.20% compared to 2023.

HS 8205 Hand Tools, Blow Torches, Anvils							
Rank	Country	2023 (USD)	2024 (USD)	Same Period Change (USD)	2023 (Kg)	2024 (Kg)	Same Period Change (Kg)
	World	76,181,977	89,618,428	17.64%	17,138,932	21,389,638	24.80%
1	China	46,532,883	57,955,362	24.55%	15,563,186	19,903,017	27.89%
2	India	1,274,045	1,540,316	20.90%	407,688	373,120	-8.48%
3	Hong Kong	934,080	655,759	-29.80%	312,880	251,828	-19.51%
4	Taiwan	3,188,512	3,041,352	-4.62%	299,553	235,675	-21.32%
5	Netherlands	761,897	968,760	27.15%	62,655	97,808	56.11%
6	Germany	5,463,625	6,065,026	11.01%	94,718	93,086	-1.72%
7	Colombia	192,158	319,413	66.22%	63,278	91,751	45.00%
8	USA	5,446,822	6,509,888	19.52%	72,314	83,126	14.95%
9	Sweden	1,570,786	2,606,185	65.92%	68,947	58,046	-15.81%
10	Italy	1,119,291	996,575	-10.96%	23,278	25,666	10.26%

Brazil imported 93% of its hand tools (HS 8205) from China. India and Taiwan were also major sources of imports. However, the volumes of imports from India and Taiwan in 2024 showed a decrease of 8.48% and 21.32% respectively compared to 2023; in terms of import value, except for Hong Kong, Taiwan and Italy with a decrease, all other countries among the top 10 showed growth; and imports from the world showed a double-digit growth in both volume and value in 2024.

HS 8207 Interchangeable Tools for Hand Tools or Machine Tools							
Rank	Country	2023 (USD)	2024 (USD)	Same Period Change (USD)	2023 (Kg)	2024 (Kg)	Same Period Change (Kg)
	World	247,314,307	299,355,058	21.04%	14,896,098	21,693,406	45.63%
1	China	91,084,594	104,003,945	14.18%	10,664,995	12,941,551	21.35%
2	Japan	9,077,228	33,483,321	268.87%	172,462	2,447,201	1,318.98%
3	South Korea	6,306,249	13,585,661	115.43%	653,334	1,524,117	133.28%
4	Sweden	18,911,280	20,043,650	5.99%	840,399	1,020,460	21.43%
5	Turkiye	116,215	9,357,822	7,952.16%	834	784,384	93,950.84%
6	Taiwan	7,050,557	9,889,864	40.27%	174,136	464,391	166.68%
7	Thailand	1,136,779	5,102,462	348.85%	31,450	386,793	1,129.87%
8	Argentina	1,518,819	3,496,398	130.21%	130,666	349,141	167.20%
9	Germany	21,467,880	23,673,413	10.27%	173,262	296,974	71.40%
10	Italy	8,902,568	7,837,755	-11.96%	208,184	258,689	24.26%



Brazil's imports of interchangeable hand tools (HS 8207) in 2024 were mainly from China, Japan and S. Korea, with the volume growth from Japan being the most significant among the top 3. The top 10 import sources all showed positive growth in volume compared to 2023; in terms of import value, Turkiye, Thailand and Japan's year-on-year performance was the best, only Italy, among the top 10 import sources showed negative growth; the total imports of value and volume both showed obvious signs of growth.

## Export

HS 8204 Hand-Operated Spanners & Wrenches							
Rank	Country	2023 (USD)	2024 (USD)	Same Period Change (USD)	2023 (Kg)	2024 (Kg)	Same Period Change (Kg)
	World	8,683,619	7,872,858	-9.34%	976,079	858,634	-12.03%
1	Paraguay	2,402,913	2,354,076	-2.03%	271,199	264,724	-2.39%
2	Bolivia	2,004,587	988,373	-50.69%	271,911	130,546	-51.99%
3	Peru	517,128	795,614	53.85%	72,057	119,425	65.74%
4	Argentina	1,206,986	931,372	-22.83%	130,104	103,393	-20.53%
5	Chile	525,744	642,425	22.19%	49,112	64,057	30.43%
6	Uruguay	612,700	557,213	-9.06%	63,927	59,855	-6.37%
7	Colombia	79,341	214,834	170.77%	7,542	20,026	165.53%
8	Guatemala	96,581	129,651	34.24%	10,561	10,750	1.79%
9	Ecuador	114,876	99,551	-13.34%	13,380	10,294	-23.06%
10	South Africa	164,124	182,989	11.49%	8,182	8,917	8.98%

Brazil's top 5 export destinations of hand-operated spanners and wrenches (HS 8204) in 2024 were mainly Paraguay, Bolivia, Peru, Argentina and Chile. Except for Peru and Chile, whose export volume grew by 65.74% and 30.43% respectively, the other three countries among the top 5 showed signs of decline. Export to Colombia showed an increasing trend, while its value of export showed the same sign; compared to 2023, the overall exports in terms of both value and volume declined by about 10%.

HS 8205 Hand Tools, Blow Torches, Anvils							
Rank	Country	2023 (USD)	2024 (USD)	Same Period Change (USD)	2023 (Kg)	2024 (Kg)	Same Period Change (Kg)
	World	17,362,084	35,500,587	104.47%	2,058,376	2,057,741	-0.03%
1	Peru	1,409,818	1,834,700	30.14%	365,655	522,229	42.82%
2	Paraguay	2,472,843	2,568,311	3.86%	332,389	370,182	11.37%
3	Bolivia	1,770,592	947,159	-46.51%	382,771	223,513	-41.61%
4	Dominica	434,542	646,660	48.81%	92,452	172,502	86.59%
5	Mexico	1,146,011	985,684	-13.99%	192,436	146,365	-23.94%
6	Uruguay	764,812	828,172	8.28%	102,883	107,536	4.52%
7	Argentina	1,843,681	1,841,887	-0.10%	147,362	87,902	-40.35%
8	Saudi Arabia	187,281	248,681	32.78%	56,762	78,692	38.64%
9	Colombia	383,469	19,772,283	5,056.16%	45,983	59,745	29.93%
10	Ecuador	426,834	370,149	-13.28%	45,483	37,473	-17.61%

In terms of export volume of hand tools (HS 8205), the top 3 export destinations were Peru, Paraguay and Bolivia, with Peru accounting for about 1/4 of the total export volume. Compared with the data in 2023, the largest growth was the export to Dominica, while Bolivia and Argentina's exports decreased by over 40%; in terms of export value, the export to Colombia increased the most, while the export to Bolivia decreased the most. Interestingly, compared to 2023, the overall export volume in 2024 was roughly the same as in 2023, while the export value grew by over 100%.



## HS 8207 Interchangeable Tools for Hand Tools or Machine Tools

Rank	Country	2023 (USD)	2024 (USD)	Same Period Change (USD)	2023 (Kg)	2024 (Kg)	Same Period Change (Kg)
	World	139,024,168	107,563,216	-22.63%	5,863,477	3,262,870	-44%
1	USA	51,610,242	38,349,433	-25.69%	1,746,871	972,351	-44%
2	Mexico	27,413,024	15,226,573	-44.45%	2,040,422	716,677	-65%
3	Netherlands	21,514,912	20,027,430	-6.91%	284,740	325,972	14%
4	Argentina	12,167,342	8,590,276	-29.40%	758,477	277,893	-63%
5	Chile	1,292,284	1,852,730	43.37%	65,522	234,737	258%
6	Colombia	3,760,021	2,754,836	-26.73%	548,786	234,012	-57%
7	Paraguay	3,386,883	4,056,014	19.76%	120,818	133,367	10%
8	Bolivia	1,665,478	1,979,722	18.87%	47,100	66,640	41%
9	Guyana	86,994	444,667	411.15%	1,417	51,790	3,555%
10	Italy	1,679,844	1,682,256	0.14%	7,878	37,209	372%

In terms of export volume of interchangeable hand tools (HS 8207), the top 3 export destinations were the United States, Mexico and the Netherlands. Among the top 10 export partners, Guyana and Chile showed the most significant growth, while exports to Mexico and Argentina decreased the most; in terms of export value, the top 5 export partners (except for Chile) showed a decline, however, the Netherlands showed a smaller decline; in 2024, Brazil showed a decrease in export value and volume of 22.63% and 44%, respectively.

※To conclude, Brazil's demand for major hand tool categories increased, but its exports generally declined. ▣

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