



Trade Overview 2022

Bamboo and Rattan Commodities in China



International Bamboo and Rattan Organization

The International Bamboo and Rattan Organization

Established in 1997, the International Bamboo and Rattan Organization (INBAR) is an intergovernmental organization that promotes environmentally sustainable development using bamboo and rattan. INBAR's mission is to improve the well-being of producers and users of bamboo and rattan within the context of a sustainable bamboo and rattan resource base, by consolidating, coordinating and supporting strategic and adaptive research and development. INBAR consists of 50 Member States, 3 Observers and 5 Regional Offices responsible for Central Africa, East Africa, West Africa, South Asia as well as Latin America and the Caribbean. In 2017, INBAR was granted Observer status at the UN General Assembly. INBAR is also Observer to the UN Economic and Social Council as well as the UN Conference on Trade and Development

About this report

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INTRODUCTION

Bamboo is a grass widely distributed in tropical and subtropical regions. Rattan is a spiky climbing palm distributed in tropical and southern subtropical regions. Published in 2017, *the World Checklist of Bamboos and Rattans* estimates the existence of 1,642 bamboo species and 631 rattan species in the world. The latest *2021 Comprehensive Monitoring and Evaluation Report on China's Forest and Grassland Ecosystem* released by the National Forestry and Grassland Administration shows that the bamboo forest area in China in 2021 was 7.56 million hm², accounting for 3.3% of the total forest area. Bamboo forests are distributed in 20 provinces, mainly in eight provinces: Fujian, Jiangxi, Hunan, Zhejiang, Sichuan, Guangdong, Guangxi and Anhui. Compared with the results of the 9th National Forest Resource Inventory, bamboo forest area in China increased by 1.15 million hm² in 2021, an increase of 18%.

This report was compiled and released by the International Bamboo and Rattan Organization (INBAR). The report mainly uses statistics from the China Customs Database and the UN ComTrade database to provide an overview of the international trade of bamboo and rattan commodities in China in 2022. The key points include:

- The total import and export trade value of bamboo and rattan commodities in China in 2022 reached USD 2.90 billion, with an export trade value of USD 2.87 billion and an import trade value of USD 26 million. The total import and export trade value of bamboo commodities was USD 2.75 billion, with an export trade value of USD 2.75 billion and an import trade value of USD 6 million. The total import and export trade value of rattan commodities was approximately USD 143 million, with an export trade value of USD 123 million and an import trade value of USD 20 million.
- Bamboo kitchenware and bamboo woven products are the main products in the import and export trade of Chinese bamboo commodities, followed by bamboo articles of daily use, bamboo shoots, bamboo furniture, and bamboo-based panels. The import and export trade values of bamboo culms, bamboo viscose, bamboo charcoal, bamboo construction materials, bamboo pulp and paper products, and bamboo handicrafts are relatively small. Woven rattan products are the main export rattan products, and rattan cane is the primary imported rattan product.

- The main export destinations for Chinese bamboo products are the USA and Japan, and other destinations include the Netherlands, Germany, India, France, Thailand, Viet Nam, South Korea and Australia. The main import partners for Chinese bamboo products are Viet Nam, followed by Japan, Italy, Thailand and Indonesia. The main export destination for Chinese rattan products is the USA, followed by the Netherlands and the UK. The Philippines, Malaysia and Indonesia are the main import partners for Chinese rattan products.

- Currently, the total export value of quantifiable commodities aligned with the Bamboo as a Substitute for Plastic Initiative is USD 1.79 billion, accounting for 62.2% of the total product exports. The most-exported products in this category are bamboo sticks, bamboo disposable chopsticks, other bamboo kitchenware and bamboo articles of daily use.

1 China's exports and imports of bamboo commodities

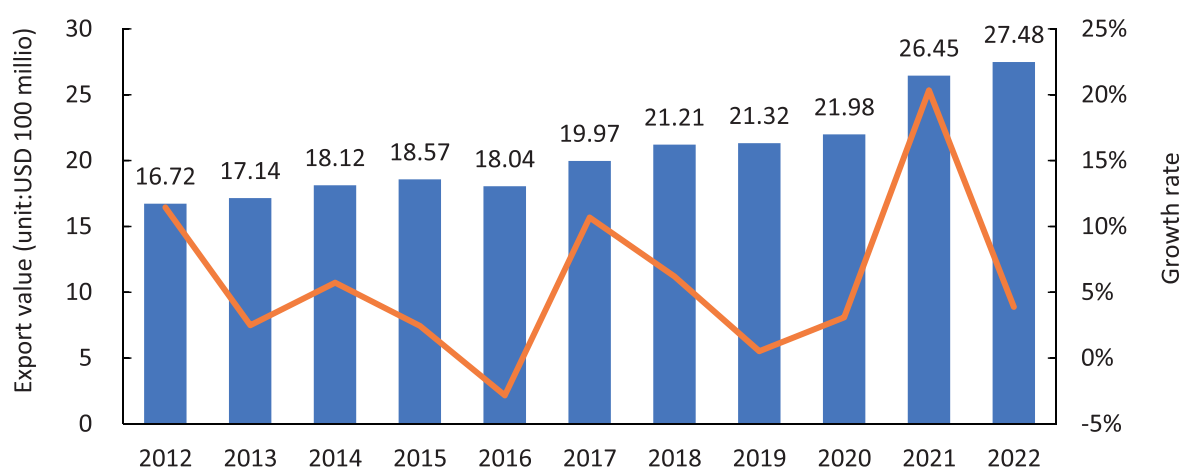
1.1 China's trade value of bamboo commodities

China is the most important producer, consumer and exporter of bamboo commodities in the world. It is also one of the major importers of bamboo commodities. In 2022, the total import and export trade value of bamboo commodities in China was USD 2.754 billion, with an export trade value of USD 2.748 billion and an import trade value of USD 6 million.

1.1.1 China's export value of bamboo commodities

The export trade value of Chinese bamboo commodities has shown an overall upward trend from 2012 to 2022 (Figure 1). In 2012, China's export trade value of bamboo commodities was USD 1.67 billion, and it increased to USD 2.75 billion in 2022, representing a growth of 64.3% with an annual growth rate of 5.1%. Due to the global COVID-19 pandemic, the export growth rate of China's bamboo commodities slowed down in 2019 and 2020, with growth rates of 0.5% and 3.1%, respectively. However, starting from 2021, the export trade of China's bamboo commodities has shown signs of recovery.

Figure 1 China's export value of bamboo commodities from 2012 to 2022

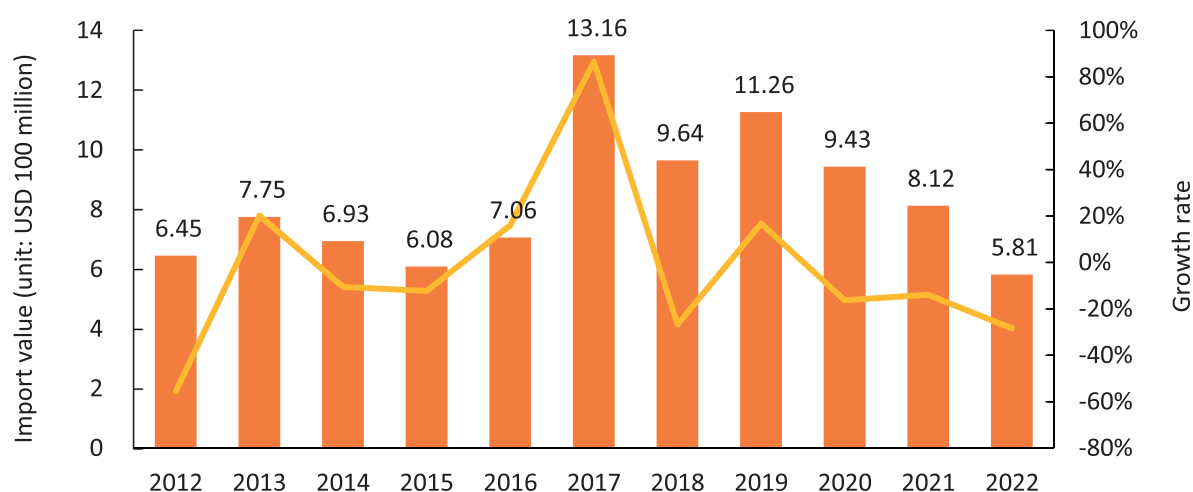


Data Source: China Customs Database. The figures below are from the same data source.

1.1.2 China's import value of bamboo commodities

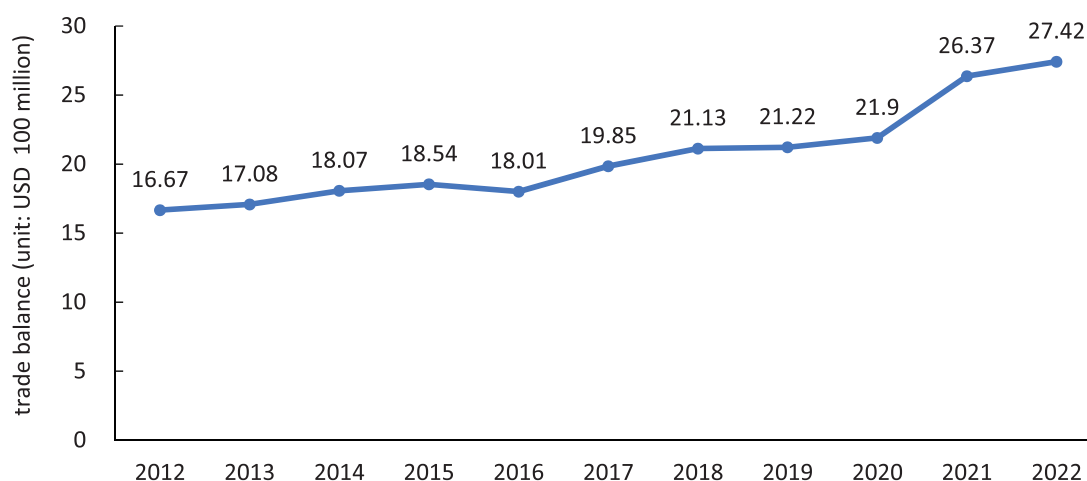
From 2012 to 2022, the overall import trade value of bamboo and rattan commodities in China showed a fluctuating trend (Figure 2). In 2012, the import trade value of bamboo and rattan commodities in China was USD 6.45 million. The highest import trade value occurred in 2017, reaching USD 13.16 million. However, in 2022, it decreased to USD 5.81 million, indicating a declining trend in the import trade of bamboo and rattan commodities from 2020 to 2022.

Figure 2 China's import value of bamboo commodities from 2012 to 2022



Looking at the trade balance, China has consistently maintained a trade surplus in bamboo and rattan commodities, and the trade surplus has been increasing (Figure 3). In 2012, the trade surplus for bamboo and rattan commodities in China was USD 1.67 billion. With the continuous increase in export trade value, the trade surplus reached USD 2.74 billion in 2022.

Figure 3 Trade balance of China's bamboo commodities from 2012 to 2022



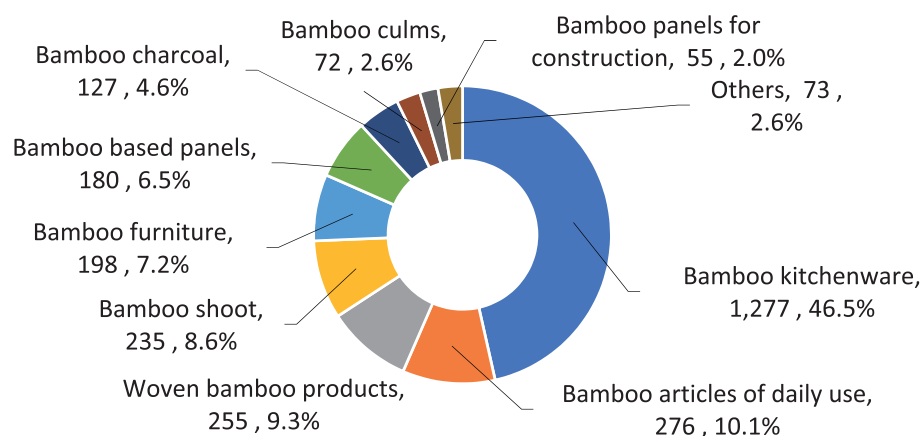
1.2 China's trade structure of bamboo commodities

In terms of the trade structure of bamboo and rattan commodities, bamboo kitchenware and bamboo woven products are the primary export and import items of China's bamboo and rattan commodities. They are followed by bamboo articles of daily use, bamboo shoots, bamboo furniture and bamboo-based panels. The import and export trade values of bamboo culms, bamboo viscose, bamboo charcoal, bamboo construction materials, bamboo pulp and paper products, and bamboo handicrafts were relatively small.

1.2.1 China's export structure of bamboo commodities

In 2022, China's total export trade value of bamboo and rattan commodities was approximately USD 2.75 billion. Among them, the export trade value of bamboo kitchenware (including bamboo chopsticks, sticks and chopping boards) accounted for about USD 1.28 billion, which is 46.5% of the total export trade value of bamboo and rattan commodities in China. Bamboo articles of daily use ranked second with an export value of USD 276 million, accounting for 10.1%. The export trade values of bamboo woven products (including baskets, screens and mats, and plaited products), bamboo shoots, bamboo furniture (including bamboo seats and other furniture), bamboo-based panels (including thin plywood, strips, and veneers), and bamboo charcoal were USD 255 million, USD 235 million, USD 198 million, USD 180 million, and USD 127 million, respectively, each accounting for less than 10%. The export trade values of bamboo culms, bamboo construction materials, bamboo viscose, bamboo pulp and paper products, and bamboo handicrafts were all less than USD 100 million, accounting for less than 3% (Figure 4).

Figure 4 Proportion of China's export of main bamboo commodities in 2022 (unit: USD million, %)

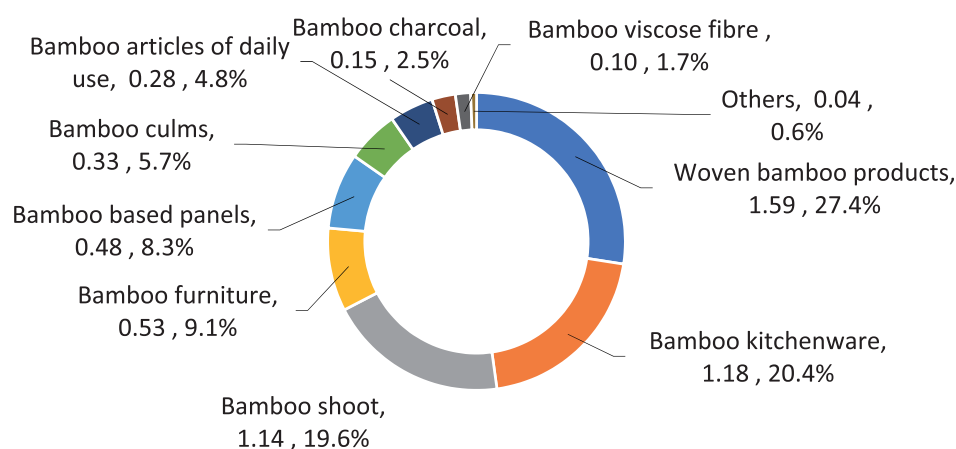


Note: "Others" mainly includes to bamboo viscose, bamboo pulp and paper products, and bamboo handicrafts.

1.2.2 China's import structure of bamboo commodities

In 2022, the total import trade value of bamboo commodities in China was USD 5.81 million. Among them, the highest import trade value was recorded for bamboo woven products, bamboo kitchenware, and bamboo shoots, which amounted to USD 1.59 million, USD 1.18 million, and USD 1.14 million, respectively, accounting for 27.4%, 20.1%, and 19.6% respectively. The import trade values of bamboo furniture, bamboo-based panels, bamboo culms, bamboo articles of daily use, bamboo charcoal and bamboo viscose were all below USD 1 million (Figure 5).

Figure 5 Proportion of China's import of main bamboo commodities in 2022 (unit: USD million, %)



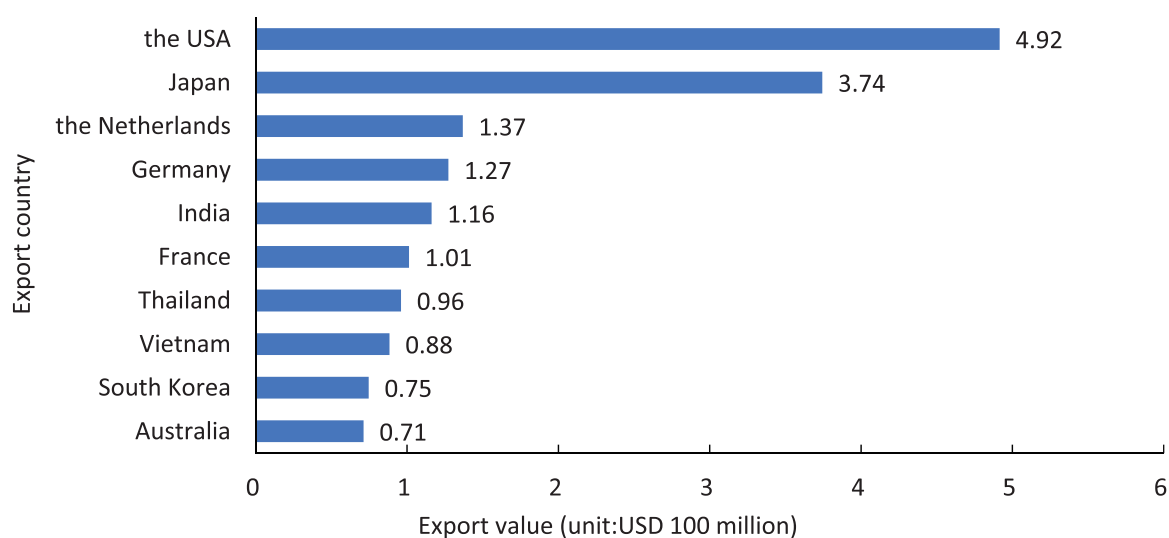
Note: "Others" mainly includes to bamboo viscose, bamboo pulp and paper products, and bamboo handicrafts.

1.3 China's trade partners of bamboo commodities

1.3.1 China's export partners of bamboo commodities

According to the China Customs Database, in 2022, China exported bamboo commodities to 196 countries and regions. The USA and Japan were the main export partners for Chinese bamboo commodities, with export trade values of USD 492 million and USD 374 million, respectively, accounting for 17.9% and 13.6% of the total export trade value of Chinese bamboo commodities. In addition, the Netherlands, Germany, India, France, Thailand, Viet Nam, South Korea and Australia were also important export partners for Chinese bamboo commodities (Figure 6).

Figure 6 Main export partners of China's bamboo commodities in 2022



In terms of commodities (Table 1), bamboo kitchenware was the largest exported bamboo commodity from China, with a total export value of USD 1.28 billion. It was exported to 182 countries and regions worldwide, with the USA being the top export destination for Chinese bamboo kitchenware, amounting to USD 215 million. The export value of bamboo articles of daily use reached USD 276 million, exported to 154 countries and regions globally. The main export destinations for bamboo articles of daily use were the USA, Germany, France, the Netherlands, Spain and Australia. The USA was the largest export market for Chinese bamboo articles of daily use, with an export value of USD 68 million, accounting for approximately 25%. Chinese bamboo woven products were exported to 148 countries and regions worldwide, with the USA, Viet Nam, the Netherlands, Japan and France being the main export destinations. The USA was the top export market for Chinese bamboo woven products, with an export value of USD 56 million. The export destinations for bamboo shoots, bamboo furniture, bamboo-based panels, bamboo charcoal, bamboo culms and bamboo construction materials covered 72, 140, 141, 72, 84 and 60 countries or regions, respectively.

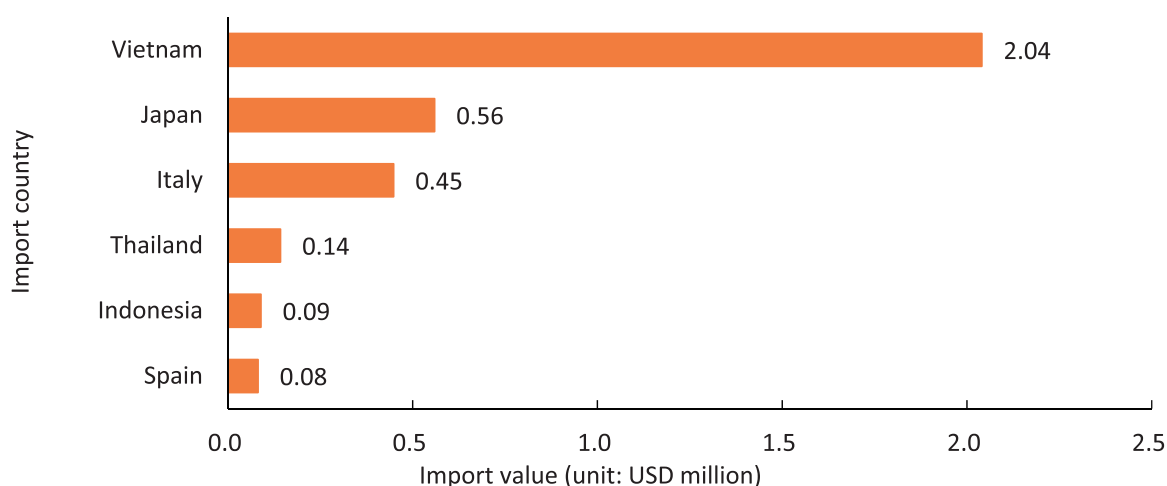
Table 1 China's main export trading partners of bamboo commodities in 2022

Category of Bamboo commodities	unit: USD million				
	The USA	Japan	The Netherlands	Germany	India
Bamboo kitchenware	215.01	152.62	46.28	55.68	96.52
Bamboo shoot	15.76	141.29	5.64	5.93	0.24
Bamboo articles of daily use	67.60	11.90	16.54	22.06	1.56
Woven bamboo products	56.33	17.75	19.85	8.81	1.34
Bamboo furniture	57.63	9.70	10.18	22.54	0.52
Bamboo based panels	44.43	11.78	15.17	5.88	1.80
Bamboo charcoal	1.64	24.81	0.44	0.45	0.94
Bamboo culms	10.38	3.17	10.74	3.19	-
Bamboo panels for construction	8.72	0.02	11.90	0.32	1.17
Bamboo pulp and paper articles	14.01	1.24	0.04	2.28	0.10
Bamboo viscose fiber	0.18	0.20	0.15	0.25	12.12

1.3.2 China's import partners of bamboo commodities

According to the China Customs Database, in 2022, China imported bamboo commodities from 49 countries and regions. Viet Nam was the primary import partner for Chinese bamboo commodities, with an import value of USD 2.04 million, accounting for 35.1% of the total import trade value of Chinese bamboo commodities. Japan and Italy were also significant import partners for Chinese bamboo commodities, with import trade values of around USD 500,000, each accounting for approximately 8%. Thailand, Indonesia and Spain were also major import partners for Chinese bamboo commodities (Figure 7).

Figure 7 Main import partners of China's bamboo commodities in 2022



In terms of commodities (Table 2), bamboo woven products had the highest import value among Chinese bamboo commodities, with a total import value of USD 1.6 million. They were imported from 28 countries and regions, with Viet Nam being the main import partner for Chinese bamboo woven products, amounting to USD 1.24 million, accounting for 77.5% of the total import value. The total import value of bamboo kitchenware was USD 1.18 million, imported from 27 countries and regions. Viet Nam was the largest import partner for Chinese bamboo kitchenware, with an import value of USD 541,200, accounting for 45.7%. The total import value of bamboo furniture was USD 530,000, primarily imported from Viet Nam and Japan. Bamboo-based panels had a total import value of USD 480,000, with Italy being the main import partner.

Table 2 China's main import trading partners of bamboo commodities in 2022

unit: USD thousand

Category of Bamboo Products	Viet Nam	Japan	Italy	Thailand	Indonesia
Woven bamboo products	1,236.21	44.26	31.96	98.92	26.70
Bamboo kitchenware	541.15	162.35	36.79	12.80	0.07
Bamboo furniture	159.78	93.71	35.22	28.22	59.21
Bamboo based panels	-	37.68	338.26	-	0.04
Bamboo articles of daily use	12.49	191.45	0.37	-	0.57
Bamboo culms	90.19	4.50	2.46	-	-
Bamboo charcoal	-	22.19	-	-	-
Bamboo panels for construction	-	1.07	3.22	1.96	-
Bamboo handicrafts	0.02	1.61	-	-	2.53
Bamboo viscose fiber	-	0.17	-	-	0.24

2 China's exports and imports of rattan commodities

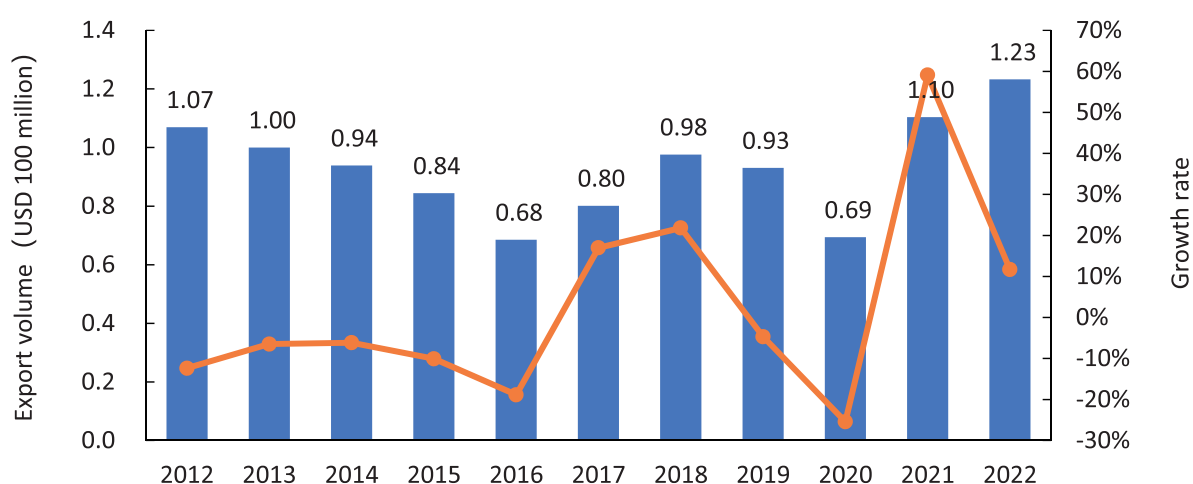
2.1 China's trade value of rattan commodities

China's import and export trade value of rattan commodities is much smaller than that of bamboo commodities. In 2022, the total import and export trade value of China's rattan commodities was approximately USD 143 million, with an export trade value of USD 123 million and an import trade value of USD 20 million.

2.1.1 China's export value of rattan commodities

Compared to bamboo commodities, the import and export trade value of China's rattan commodities was relatively small. In 2022, the export trade value of China's bamboo commodities was USD 2.75 billion, while the export trade value of rattan commodities was only USD 123 million. From 2012 to 2022, the export trade value of China's rattan commodities fluctuated (Figure 8). From 2012 to 2016, it continuously declined, had a slight increase in 2017–2018, a significant decrease in 2020 due to the global COVID-19 pandemic (a decline of 25.4% in 2020), and a gradual recovery in 2021–2022 (with a growth rate of 11.7% in 2022).

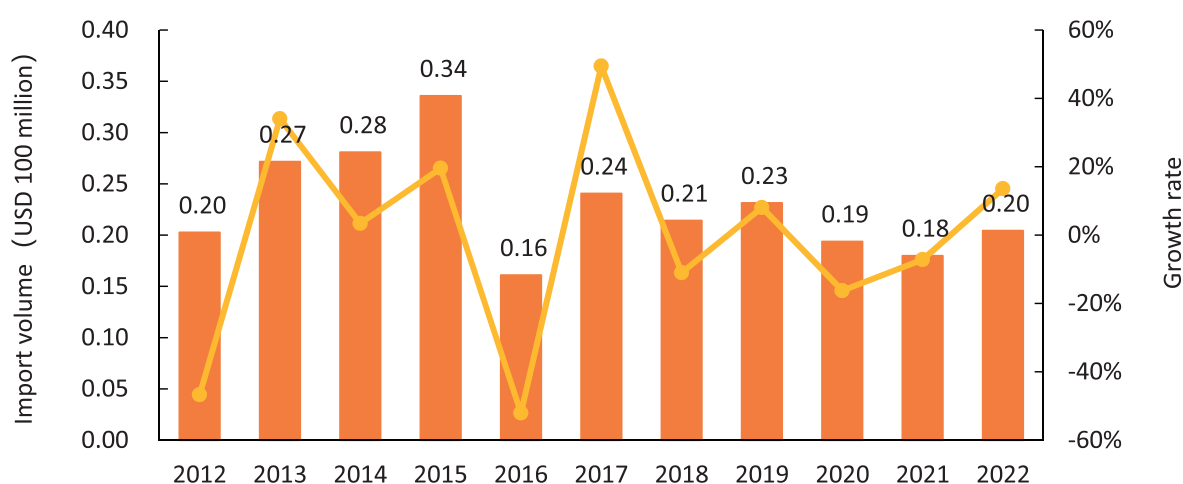
Figure 8 China's export value of rattan commodities from 2012 to 2022



2.1.2 China's import value of rattan commodities

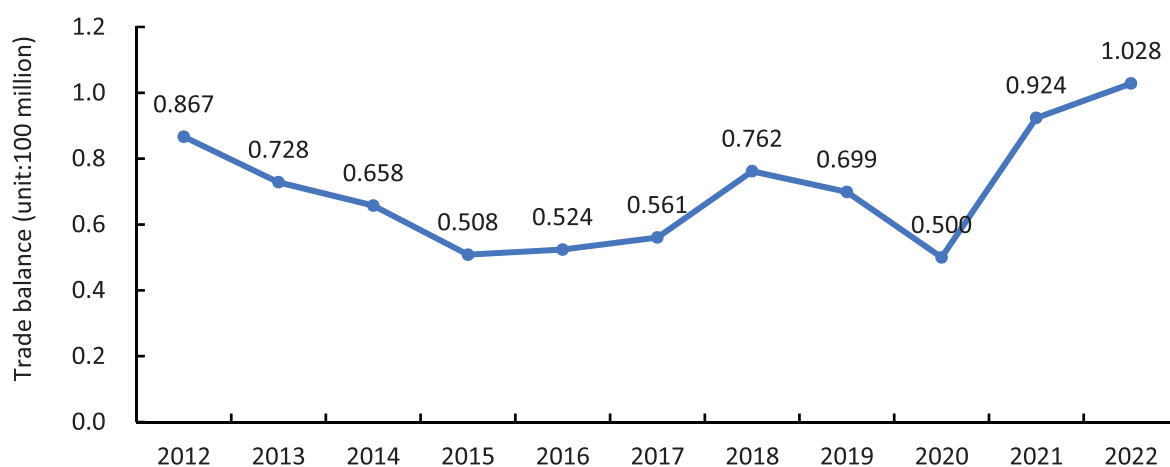
From 2012 to 2022, the import trade value of China's rattan commodities showed an overall downward fluctuating trend (Figure 9). In 2015, the import trade value of China's rattan commodities was USD 33.56 million, and it decreased by 39.2% to USD 20.42 million in 2022.

Figure 9 China's import value of rattan commodities from 2012 to 2022



In terms of trade balance, China's rattan commodities have consistently shown a trade surplus (Figure 10). In 2012, the trade surplus of China's rattan commodities was USD 86.7 million, and it reached USD 102.8 million in 2022.

Figure 10 Trade balance of China's rattan commodities from 2012 to 2022



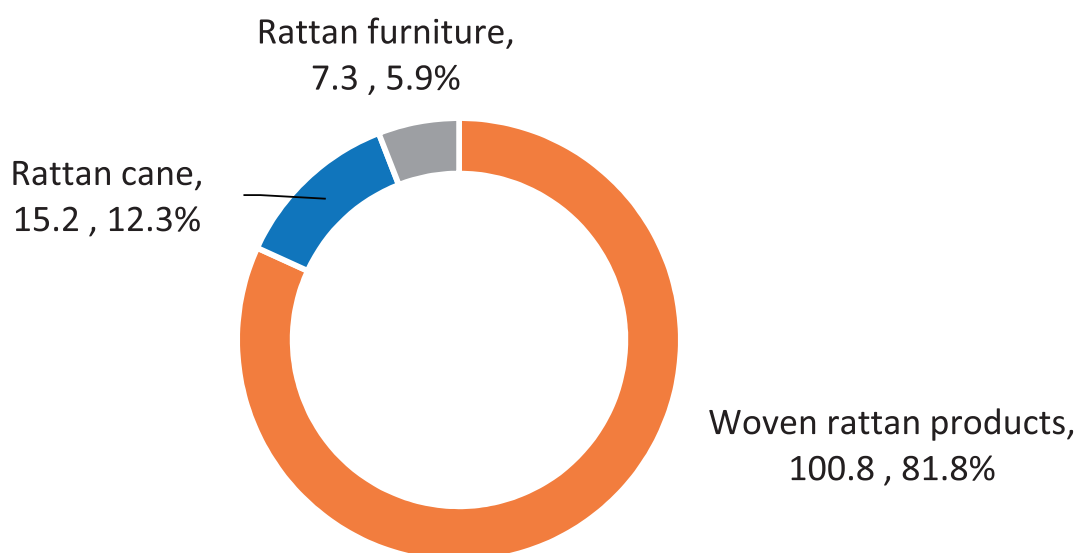
2.2 China's trade structure of rattan commodities

Among the three types of rattan commodities, woven rattan products are the main export category, while rattan cane and rattan furniture have a smaller export value. In China's import trade of rattan commodities, rattan cane was the primary imported category, while rattan furniture and woven rattan products accounted for a smaller proportion.

2.2.1 China's export structure of rattan commodities

In 2022, the total export value of China's rattan commodities was USD 123 million. The majority of this value comes from woven rattan products (including baskets, mats and screens, and plaited products), with an export value of USD 100.8 million, accounting for 81.8% of the total export value of China's rattan commodities. The export value of rattan cane was USD 15.2 million, accounting for 12.3%, while the export value of rattan furniture (including seats and other furniture) was only USD 7.3 million, accounting for 5.9% (Figure 11).

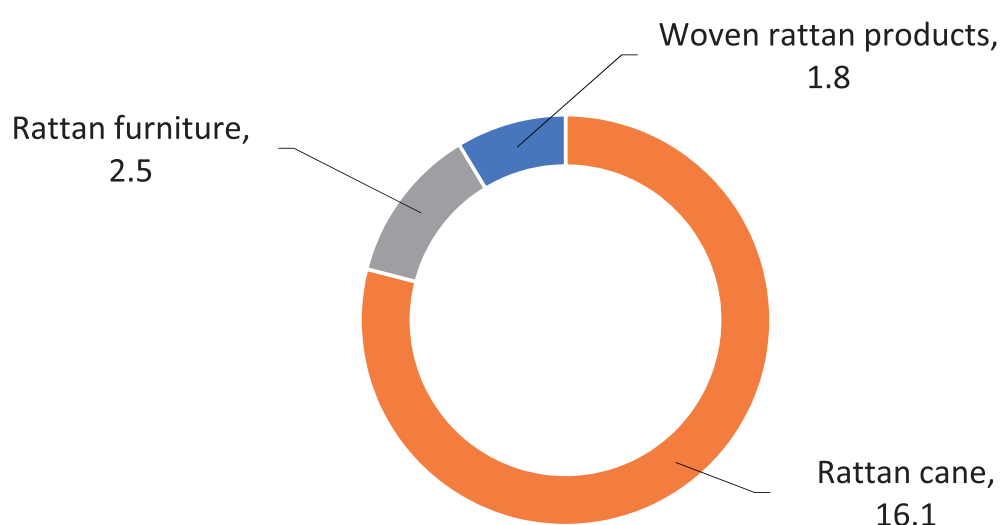
Figure 11 Proportion of China's export of main rattan commodities in 2022 (unit: USD million, %)



2.2.2 China's import structure of rattan commodities

In 2022, the total import value of China's rattan commodities was USD 20.42 million. Rattan cane was the largest imported category with an import value of USD 16.13 million, accounting for 79% of the total. Rattan furniture was the second-largest category with an import value of USD 2.51 million, accounting for 12.3%. The total import value of woven rattan products was USD 1.77 million, accounting for 8.7% (Figure 12).

Figure 12 Proportion of China's import of main rattan commodities in 2022 (unit: USD million, %)

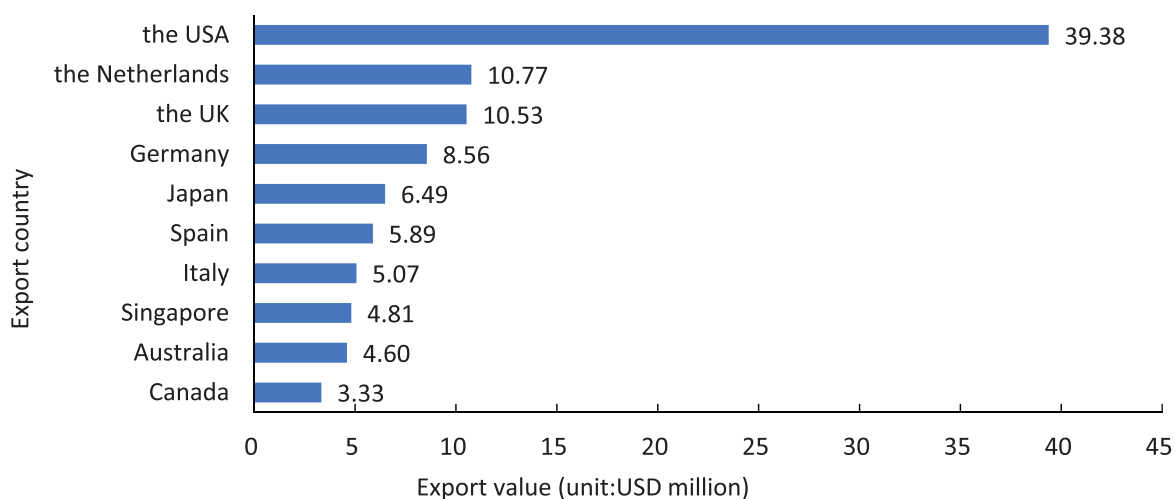


2.3 China's trade partners of rattan commodities

2.3.1 China's export partners of rattan commodities

According to the China Customs Database, in 2022, the major export destinations for China's rattan commodities were the USA, the UK and the Netherlands. The USA was the largest export market for China's woven rattan products, with an export value of USD 39.38 million, accounting for 31.9% of the total export value of China's rattan commodities. The Netherlands and the UK were the second- and third-largest export markets, with export values of USD 10.77 million and USD 10.53 million, accounting for 8.7% and 8.5%, respectively. Germany, Japan, Spain and Italy were also export partners for China's rattan commodities, with export values exceeding USD 5 million each (Figure 13).

Figure 13 Main export partners of China's rattan commodities in 2022



In terms of commodities (Table 3), the total export value of China's woven rattan products reached USD 100.83 million, exported to 117 countries and regions, with the USA, the UK and the Netherlands being the major export destinations. The USA was the largest export country for China's woven rattan products. The total export value of China's rattan cane was USD 15.15 million, exported to 59 countries and regions, with Germany, Spain and the Netherlands being the major destinations. The total export value of rattan furniture was USD 7.27 million, exported to 83 countries and regions, with Australia, the USA and Spain being the major destinations.

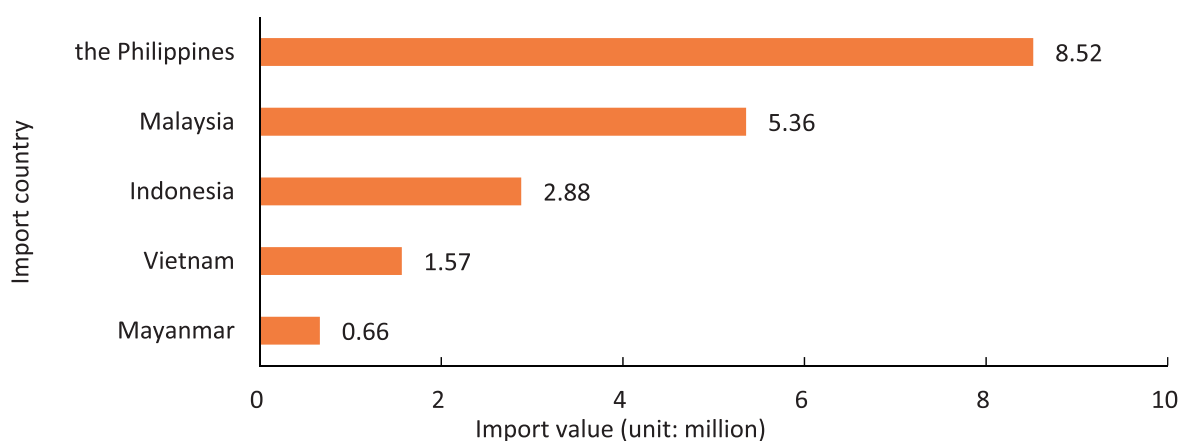
Table 3 Main export partners of China's rattan commodities in 2022

unit: USD million					
Category of rattan product	The USA	The Netherlands	The UK	Germany	Japan
Woven rattan products	37.33	9.30	9.91	6.65	5.44
Rattan cane	0.77	1.34	0.53	1.81	0.99
Rattan furniture	1.28	0.13	0.09	0.10	0.06
Total	39.38	10.77	10.53	8.56	6.49

2.3.2 China's import partners of rattan commodities

According to the China Customs Database, in 2022, the main import partners of China's rattan commodities were the Philippines, Malaysia and Indonesia. The trade values of rattan commodities imported by China from these countries were USD 8.52 million, USD 5.36 million and USD 2.88 million, respectively. They accounted for 41.7%, 26.2% and 14.1% of China's total import value of rattan commodities, making up approximately 82% of the total proportion. Viet Nam and Myanmar were also important import partners for China's rattan commodities (Figure 14).

Figure 14 Main import partners of China's rattan commodities in 2022



In terms of commodities (Table 4), the main import partners of China's rattan commodities were the Philippines, followed by Malaysia and Indonesia. In 2022, the total import value of China's rattan cane products was USD 16.13 million, with imports coming from 13 countries and regions. The primary import partners were the Philippines, Malaysia, Indonesia, Myanmar, and Viet Nam, among others. The total import value of China's rattan furniture was USD 2.51 million, imported from 18 countries and regions, mainly from Indonesia, the Philippines, and Viet Nam. The total import value of China's woven rattan products was USD 1.77 million, with imports from 24 countries and regions, primarily from Viet Nam, Indonesia and Italy.

Table 4 Main import partners of China's rattan commodities in 2022

unit: USD million

Category of Rattan Product	The Philippines	Malaysia	Indonesia	Viet Nam	Myanmar
Rattan cane	8.11	5.33	0.78	0.51	0.65
Rattan furniture	0.39	-	1.75	0.20	0.01
Woven rattan products	0.02	0.02	0.35	0.86	0.01
Total	8.52	5.36	2.88	1.57	0.66

3 China's exports and imports of the commodities concerning the Bamboo as a Substitute for Plastic Initiative

As more countries around the world implement plastic bans and restrictions, in November 2022, China and INBAR jointly launched the Bamboo as a Substitute for Plastic Initiative at the opening ceremony of the 25th Anniversary of INBAR and the Second Global Bamboo and Rattan Congress. The initiative aims to promote the reduction of plastic pollution, jointly address climate change and accelerate the implementation of the United Nations' 2030 Sustainable Development Agenda.

According to the Harmonized System (HS), a classification of commodities for international trade developed by the World Customs Organization (WCO), the currently quantifiable products related to the Bamboo as a Substitute for Plastic Initiative mainly include (Table 5):

Table 5 Commodities concerning the Bamboo as a Substitute for Plastic Initiative and corresponding China Customs Import And Export Tariff Code

The commodity code	Name of commodity
44191100	Bamboo chopping boards
44191210	Bamboo disposable chopsticks
44191290	Other bamboo chopsticks
44191900	Other bamboo kitchenware
44219110	Bamboo sticks
44219190	Bamboo articles of daily use
46021100	Bamboo basket
46019310	Rattan cane
46019390	Woven rattan products
46021200	Rattan basket

3.1 Export trade of China's commodities concerning the Bamboo as a Substitute for Plastic Initiative

In 2022, the total export value of alternative commodities from China in alignment with the Bamboo as a Substitute for Plastic Initiative reached USD 1.79 billion, accounting for 62.2% of the total product exports. Among them, the most-exported products were bamboo sticks, with an export value of USD 448 million, representing 25.1% of the total export value of alternative commodities. The second-most exported products were bamboo disposable chopsticks, other bamboo kitchenware, and bamboo articles of daily use, with export values of USD 359 million, USD 290 million, and USD 276 million, respectively, comprising 20.1%, 16.3%, and 15.5% of the total product exports. The export proportion of bamboo cutting boards and bamboo baskets was higher than 7%, while the export of other products was relatively low (Figure 15).

Figure 15 China's export value of commodities concerning the Bamboo as a Substitute for Plastic Initiative in 2022 (unit: USD 100 million, %)

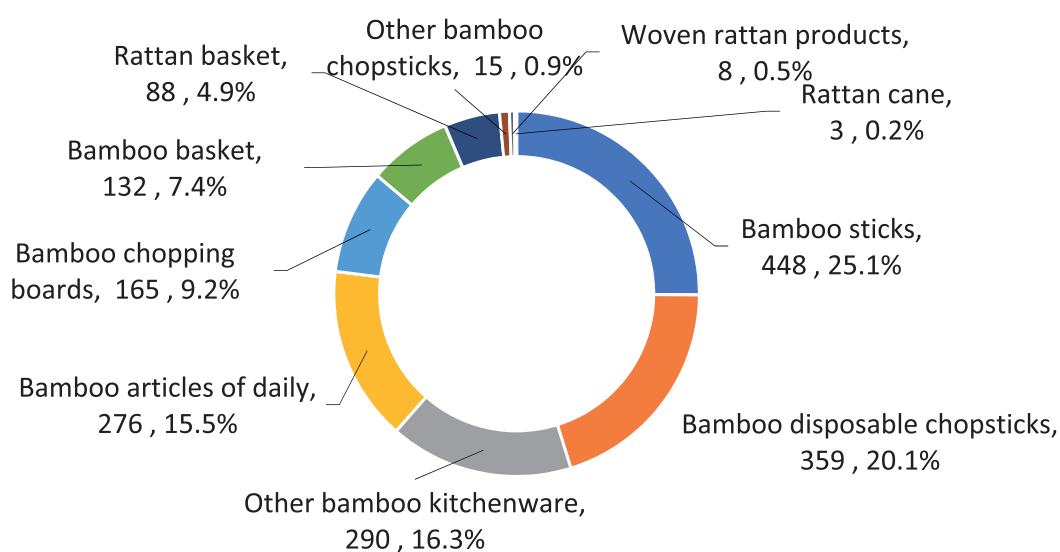


Table 6 Main export partners of China's commodities concerning the Bamboo as a Substitute for Plastic Initiative in 2022

unit: USD million

Category of Commodities	Germany	The Netherlands	The USA	Japan	Thailand	India
Bamboo chopping boards	18.09	8.45	49.65	2.17	1.03	3.67
Bamboo disposable chopsticks	2.53	1.81	31.73	108.88	48.09	0.48
Other bamboo chopsticks	0.18	0.56	2.26	6.43	0.20	0.05
Other bamboo kitchenware	28.39	12.82	91.63	8.72	4.17	2.02
Bamboo sticks	6.49	22.64	39.74	26.41	30.48	90.31
Bamboo articles of daily use	22.06	16.54	67.60	11.90	1.12	1.56
Bamboo basket	0.02	0.20	0.06	0.01	-	0.05
Rattan cane	0.08	0.31	0.65	0.55	-	0.30
Woven rattan products	5.35	10.94	37.65	9.38	0.15	0.42
Rattan basket	6.49	8.78	36.49	4.84	0.43	0.29

3.2 Import trade of China's commodities concerning the Bamboo as a Substitute for Plastic Initiative

In 2022, the total import value of alternative commodities in alignment with the Bamboo as a Substitute for Plastic Initiative in China was USD 4.56 million, accounting for 17.4% of the total import value of bamboo and rattan commodities. The most-imported products were bamboo baskets and rattan baskets, with import values of USD 1.519 million and USD 1.515 million, respectively, representing 33.3% and 33.2% of the total import value of alternative commodities. The next-most imported products were other bamboo kitchenware and other bamboo chopsticks, with import values of USD 0.51 million and USD 0.43 million, respectively, accounting for 11.2% and 9.5% of the total product imports.

Figure 16 China's import value of commodities concerning the Bamboo as a Substitute for Plastic Initiative in 2022 (unit: USD million, %)

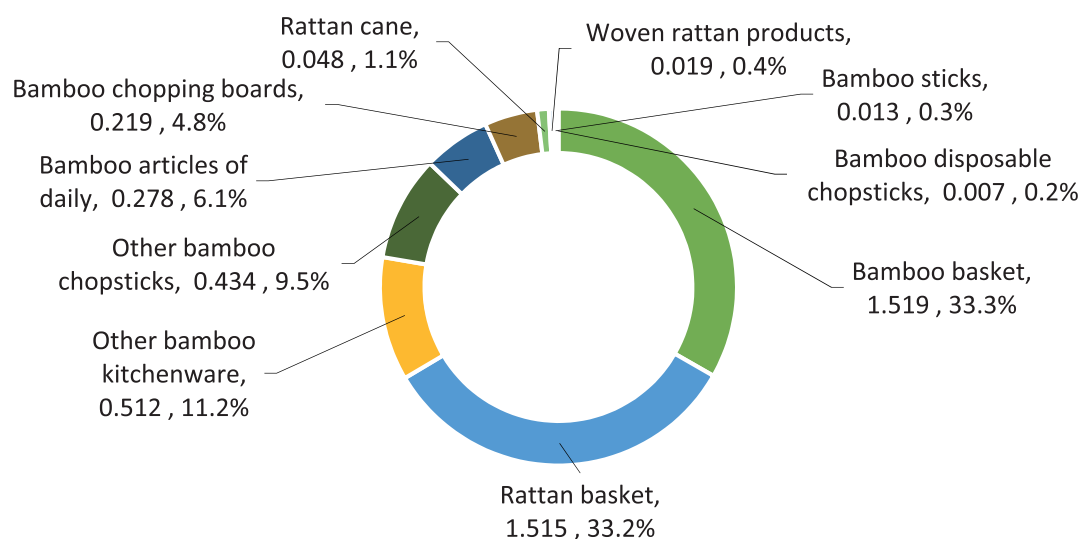


Table 7 Main import partners of China's commodities concerning the Bamboo as a Substitute for Plastic Initiative in 2022

unit: USD 1,000

Category of Commodities	Viet Nam	Japan	Indonesia	Italy	Thailand
Bamboo chopping boards	143.16	11.22	-	0.86	0.05
Bamboo disposable chopsticks	-	0.14	-	-	-
Other bamboo chopsticks	-	135.45	-	31.52	-
Other bamboo kitchenware	397.97	15.51	0.07	4.41	9.10
Bamboo sticks	0.03	0.03	-	-	3.66
Bamboo articles of daily use	12.49	191.45	0.57	0.37	-
Bamboo basket	-	-	5.40	-	-
Rattan cane	9.03	3.22	0.53	-	-
Woven rattan products	1,229.61	12.75	26.70	31.96	98.92
Rattan basket	733.56	1.85	301.76	264.24	14.58

Annex

Annex 1 China's export value of bamboo commodities from 2012 to 2022

unit: USD 100 million

Category of Commodities	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Bamboo kitchenware	4.42	4.80	5.81	6.62	6.59	7.25	8.41	9.04	9.16	11.43	12.77
Bamboo articles of daily use	-	-	-	-	-	0.58	0.92	1.36	1.83	2.60	2.76
Woven bamboo products	3.75	3.42	3.11	2.87	2.56	2.83	2.73	2.70	3.16	3.14	2.55
Bamboo shoot	2.52	2.62	2.55	2.92	3.17	2.97	3.08	2.74	2.26	2.37	2.35
Bamboo furniture	-	-	-	-	-	0.97	1.17	1.18	1.43	2.03	1.98
Bamboo based panels	3.98	3.83	3.79	3.34	3.28	3.14	2.74	1.89	1.60	1.90	1.80
Bamboo charcoal	0.12	0.20	0.31	0.31	0.33	0.36	0.49	0.84	0.90	0.64	1.27
Bamboo culms	0.48	0.52	0.60	0.73	0.70	0.75	0.66	0.61	0.67	0.79	0.72
Bamboo panels for construction	1.32	1.57	1.74	1.50	1.12	0.60	0.30	0.28	0.33	0.41	0.55
Bamboo viscose fiber	0.10	0.13	0.11	0.11	0.17	0.37	0.56	0.57	0.54	0.75	0.40
Bamboo pulp and paper articles	0.03	0.05	0.10	0.16	0.11	0.14	0.14	0.11	0.10	0.39	0.33
Bamboo handicrafts	-	-	-	-	-	-	-	-	-	-	-
Total	16.72	17.14	18.12	18.57	18.04	19.97	21.21	21.32	21.98	26.45	27.48

Annex 2 China's exports and imports of bamboo and rattan commodities in 2022

Code	Product name	Product category	Export		Import		
			Value (USD 10 thousand)	Proportion (%)	Value (USD 10 thousand)	Proportion (%)	
7099910	Fresh bamboo shoots	Bamboo shoots	371.8	0.13	-	-	
7119031	Salted bamboo shoots		610.3	0.21	47.5	1.81	
20059110	Preserved bamboo shoots		18,266.4	6.36	5.6	0.21	
20059190	Other preserved bamboo shoots		4,264.9	1.49	60.9	2.32	
14011000	Bamboo culms	Bamboo culms	7,199.1	2.51	33.0	1.26	
44021000	Bamboo charcoal	Bamboo charcoal	12,683.0	4.42	14.8	0.56	
44089013	Bamboo veneer	Bamboo-based panels	16.2	0.01	3.8	0.14	
44092110	Bamboo strips		9,605.6	3.35	0.2	0.01	
44092190			484.1	0.17	-	-	
44121011	Bamboo plywood		2.2	-	-	-	
44121019			2,510.3	0.87	44.0	1.68	
44121020			511.3	0.18	-	-	
44121091			-	-	-	-	
44121092			-	-	-	-	
44121099			4,827.6	1.68	0.1	-	
44121095			34.8	0.01	-	-	
44187320	Bamboo flooring		Bamboo panels for construction	686.8	0.24	0.5	0.02
44187390				4,533.5	1.58	0.3	0.01
44189100	Bamboo construction materials	262.1		0.09	0.1	-	
44191100	Bamboo chopping boards	Bamboo kitchenware	16,479.6	5.74	21.9	0.83	
44191210	Bamboo chopsticks		35,884.4	12.50	0.7	0.03	
44191290			1,544.0	0.54	43.4	1.65	
44191900	Bamboo kitchenware		29,010.4	10.10	51.2	1.95	
44219110	Bamboo sticks		44,790.9	15.60	1.3	0.05	
44201912	Bamboo carvings	Bamboo handicrafts	0.2	-	0.7	0.03	
44219190	Bamboo articles of daily use	Bamboo articles of daily use	27,636.1	9.63	27.8	1.06	
46012100	Bamboo mats	Woven bamboo products	8,492.6	2.96	3.7	0.14	
46019210	Bamboo plaits		135.3	0.05	-	-	
46019290			3,635.1	1.27	3.8	0.15	
46021100	Bamboo baskets		13,207.4	4.60	151.9	5.79	

Code	Product name	Product category	Export		Import	
			Value (USD 10 thousand)	Proportion (%)	Value (USD 10 thousand)	Proportion (%)
47063000	Bamboo pulp	Bamboo pulp and paper articles	675.7	0.24	0.8	0.03
48236100	Bamboo paper articles		2,620.3	0.91	1.2	0.05
54033110	Bamboo viscose fiber	Bamboo viscose fiber	568.8	0.20	0.6	0.02
54033210			-	-	7.6	0.29
55041010			3,402.3	1.18	1.4	0.05
94015200	Bamboo seats	Bamboo furniture	2,718.5	0.95	29.7	1.13
94038200	Bamboo furniture		17,119.7	5.96	22.9	0.87
Subtotal of bamboo products			274,791.4	95.71	581.4	22.16
14012000	Rattan cane	Rattan cane	1,515.5	0.53	1,613.2	61.50
46012200	Rattan mats	Woven rattan products	177.0	0.06	18.8	0.72
46019310	Rattan plaits		312.0	0.11	4.8	0.18
46019390			818.1	0.28	1.9	0.07
46021200	Rattan baskets		8,775.4	3.06	151.5	5.78
94015300	Rattan seats	Rattan furniture	345.2	0.12	166.4	6.34
94038300	Rattan furniture		381.5	0.13	85.0	3.24
Subtotal of rattan products			12,324.7	4.29	2,041.7	77.84
Total			287,116.2	100	2,623.0	100

Annex 3 Major import and export partners of China's bamboo commodities in 2022

Serial number	Export			Import		
	Country/Region	Value (USD 10,000)	Proportion (%)	Country/Region	Value (USD 10,000)	Proportion (%)
1	The USA	49,167	17.9	Viet Nam	204.0	35.1
2	Japan	37,448	13.6	Japan	55.9	9.6
3	The Netherlands	13,693	5.0	Italy	44.8	7.7
4	Germany	12,739	4.6	Thailand	14.2	2.4
5	India	11,630	4.2	Indonesia	8.9	1.5
6	France	10,137	3.7	Spain	8.1	1.4
7	Thailand	9,607	3.5	South Korea	7.1	1.2
8	Viet Nam	8,841	3.2	The USA	5.9	1.0
9	South Korea	7,466	2.7	Poland	5.4	0.9
10	Australia	7,130	2.6	Myanmar	3.3	0.6
11	Italy	6,497	2.4	Nepal	1.6	0.3
12	Spain	6,264	2.3	France	1.5	0.3
13	The UK	6,012	2.2	Germany	1.1	0.2
14	Malaysia	5,973	2.2	Madagascar	0.9	0.2
15	Indonesia	5,190	1.9	India	0.5	0.1
16	Canada	4,811	1.8	The UK	0.4	0.1
17	Poland	4,278	1.6	The Netherlands	0.3	0.1
18	Saudi Arabia	4,021	1.5	Denmark	0.3	0.04
19	Belgium	3,924	1.4	Belgium	0.2	0.04
20	Brazil	3,723	1.4	Slovenia	0.2	0.04
	Others	56,240	20.5	Others	216.7	37.3
	Total	274,791	100	Total	581.4	100

Annex 4 Major import and export partners of China's rattan commodities in 2022

Serial number	Export			Import		
	Country/Region	Value (USD 10,000)	Proportion (%)	Country/Region	Value (USD 10,000)	Proportion (%)
1	The USA	3,938	31.9	The Philippines	852.0	41.7
2	The Netherlands	1,077	8.7	Malaysia	535.7	26.2
3	The UK	1,053	8.5	Indonesia	288.1	14.1
4	Germany	856	6.9	Viet Nam	156.6	7.7
5	Japan	649	5.3	Myanmar	66.4	3.3
6	Spain	589	4.8	The Republic of Congo	34.3	1.7
7	Italy	507	4.1	Italy	32.7	1.6
8	Singapore	481	3.9	Papua New Guinea	31.6	1.5
9	Australia	460	3.7	Singapore	9.3	0.5
10	Canada	333	2.7	Thailand	5.3	0.3
11	France	289	2.3	East Timor	4.2	0.2
12	Viet Nam	171	1.4	France	3.4	0.2
13	Turkey	168	1.4	Bangladesh	0.9	0.04
14	India	149	1.2	The Netherlands	0.7	0.03
15	Mexico	132	1.1	Japan	0.5	0.02
16	South Korea	126	1.0	The USA	0.4	0.02
17	Malaysia	70	0.6	South Africa	0.4	0.02
18	Poland	69	0.6	Panama	0.3	0.01
19	Thailand	68	0.5	Denmark	0.3	0.01
20	Denmark	67	0.5	India	0.3	0.01
	Others	1,072	8.7	Others	18.4	0.9
	Total	12,325	100	Total	2,041.7	100



Established in 1997, the International Bamboo and Rattan Organization (INBAR) is an intergovernmental development organization that promotes environmentally sustainable development using bamboo and rattan. It is currently made up of 50 Member States. In addition to its Secretariat Headquarters in China, INBAR has five Regional Offices in Cameroon, Ecuador, Ethiopia, Ghana and India.

Since its founding, INBAR has dedicated itself to advocating for the innovative development and application of bamboo and rattan resources to improve livelihoods, protect the environment, mitigate and adapt to climate change, promote international bamboo and rattan trade and standardization, and contribute to the Sustainable Development Goals. In November 2022, INBAR and the Government of China jointly co-launched the Bamboo as a Substitute for Plastic Initiative with the aim to combat plastic pollution and address climate change.