

SAMPLE FILE - China Exports of Polypropylene; in primary forms

The purpose of this paper is to show what sort of typical analytical tables and charts are available in a standard TradeData Excel file for any product exported from China. The product chosen was “**Polypropylene; in primary forms**”. Similar information is available for any product. The information is supplied in Excel file format and the file is designed to enable efficient analysis of the underlying statistics. At the end of this paper there are listed two typical exports transactions to demonstrate the underlying exports information that is available in TradeData’s standard Excel file.

Table – Top Ten Origin Countries

The following table comes directly out of our standard excel file and shows – monthly –the top ten destination countries in terms of volumes as well as average prices per month. This table provides a convenient summary of month-to-month movements in exports. TradeData will normally supply the current year and five years of back data in its data files. However, if more data is required, in most cases, we can supply at no extra charge.

Top 10 Destination Countries for CHINA Exports

		Vietnam	India	Bangladesh	Pakistan	Turkey	Indonesia	Peru	Brazil	Philippines	Mexico	Others	Total
May-22	FOB per Tonne	\$2,428.51	\$1,898.88	\$1,892.71	\$1,831.39	\$1,889.92	\$2,015.12	\$1,813.57	\$1,864.76	\$2,032.98	\$1,995.24	\$2,193.80	\$2,047.40
	Quantity	14,803.0	16,993.4	8,482.3	18,498.5	4,830.8	9,152.6	9,660.5	12,837.1	7,206.6	9,921.3	81,603.0	193,989.0
Jun-22	FOB per Tonne	\$2,513.51	\$1,818.60	\$1,877.48	\$1,852.89	\$1,875.58	\$1,956.43	\$1,795.12	\$1,823.39	\$2,436.62	\$2,099.47	\$2,242.49	\$2,068.04
	Quantity	11,715.2	19,510.0	6,579.5	8,230.5	2,999.0	7,577.9	14,659.1	10,823.0	9,050.9	4,910.8	59,778.1	155,834.0
Jul-22	FOB per Tonne	\$2,644.98	\$1,917.99	\$1,804.64	\$1,899.36	\$1,969.15	\$2,094.52	\$1,810.60	\$1,783.79	\$2,744.50	\$2,032.62	\$2,497.40	\$2,245.95
	Quantity	9,641.5	7,991.0	8,736.5	1,773.1	10,463.0	3,563.6	6,127.0	4,846.8	7,137.2	3,682.2	40,702.7	104,654.6

Details

There is a worksheet in the excel file that lists China details by country and average prices each month. Note these are prices at FOB basis, that is they do not include transport and insurance cost associated with the export. A small sample is below.

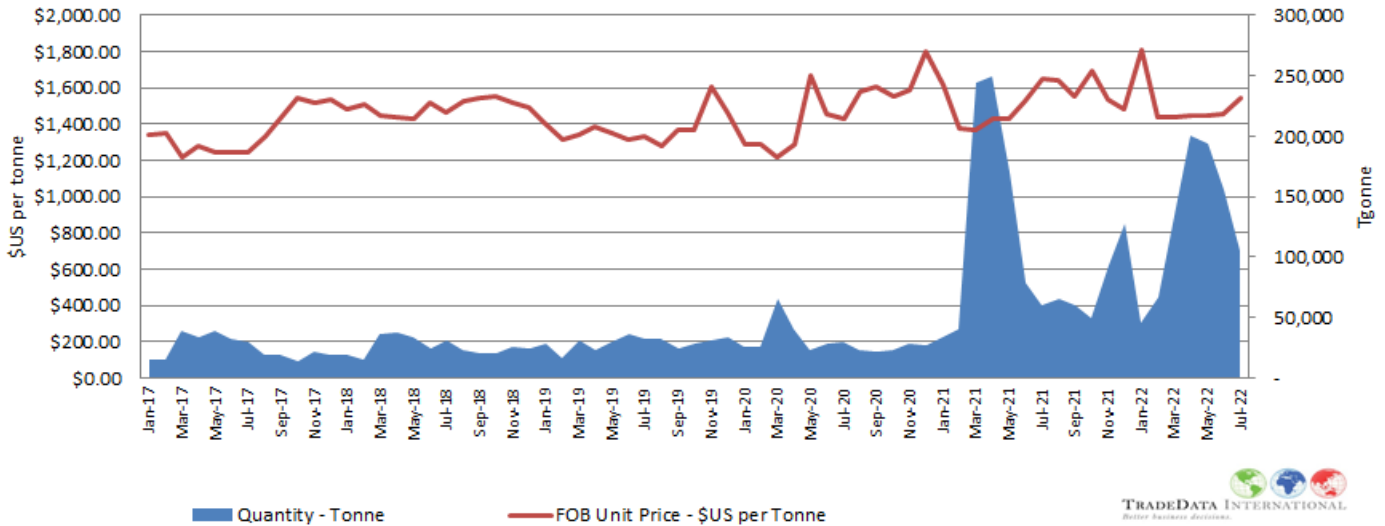
Code	39021000	↕
TradeType	Export	↕
Year	2022	↕
Description	Polypropylene; in primary forms	↕
Reporting_Country	CHINA	↕
Quantity1 Unit	Tonne	↕

Date	Country	Data		Unit Price
		Sum of Quantity1	Sum of Value_CIF	
Jul-22	Turkey	10,463	\$14,134,996	\$1,350.95
	Vietnam	9,641	\$17,495,414	\$1,814.60
	Bangladesh	8,736	\$10,816,433	\$1,238.08
	India	7,991	\$10,514,938	\$1,315.85
	Philippines	7,137	\$13,438,435	\$1,882.87
	Guatemala	6,416	\$8,021,802	\$1,250.38
	Peru	6,127	\$7,610,756	\$1,242.17
	Brazil	4,847	\$5,931,376	\$1,223.78
	Mexico	3,682	\$5,134,817	\$1,394.49

Price and Quantity

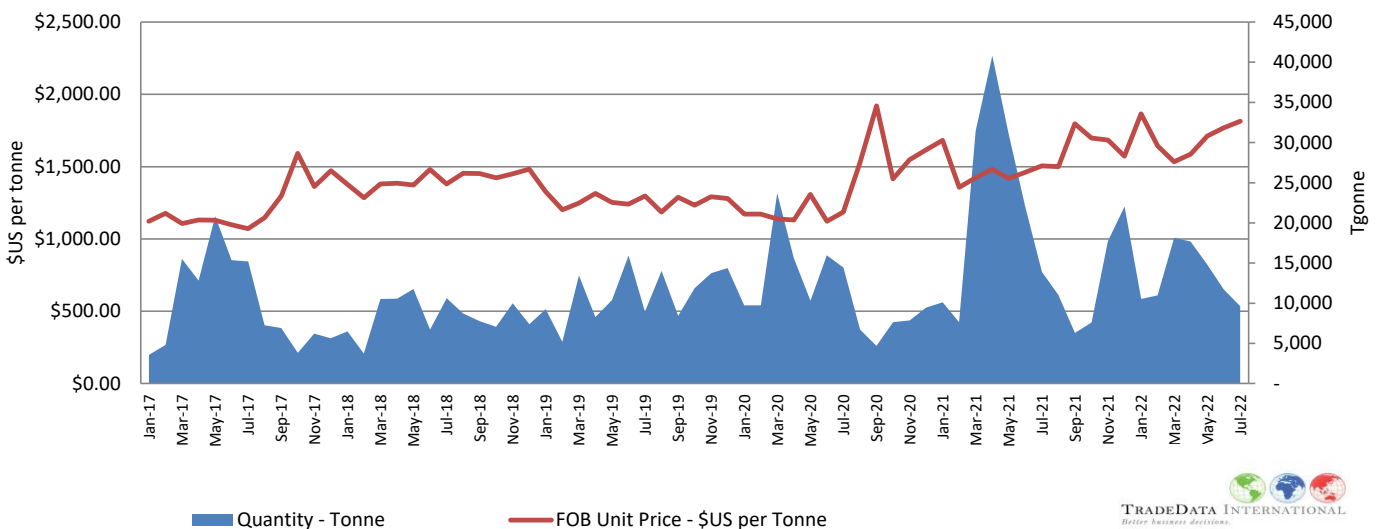
The next chart shows monthly movement in exports volumes - the blue shaded area of the chart - and in average prices on an FOB basis. Export volumes display a seasonal pattern and also a very strong surge in the second quarter of 2021 and 2022. Peak export volumes are in the middle of each year. Average export prices increased in the second half of 2020, fell in early 2021 and then recovered. Prices have been lower in 2022. The surge in exports in the first half of 2021 and 2022 is associated with lower prices and saw strong increases in exports to Malaysia, the USA, Taiwan, Turkey, and a range of other countries.

CHINA Exports of Polypropylene; in primary forms



The excel file enables the user to select a destination country and then redraw this Price&Quantity chart to only include exports to the selected country. The chart below lists Price and Quantity where exports only to Viet Nam are selected. Like total exports, exports to Viet Nam increased strongly in the middle of 2021 before retreating. Average export prices to Viet Nam are increasing.

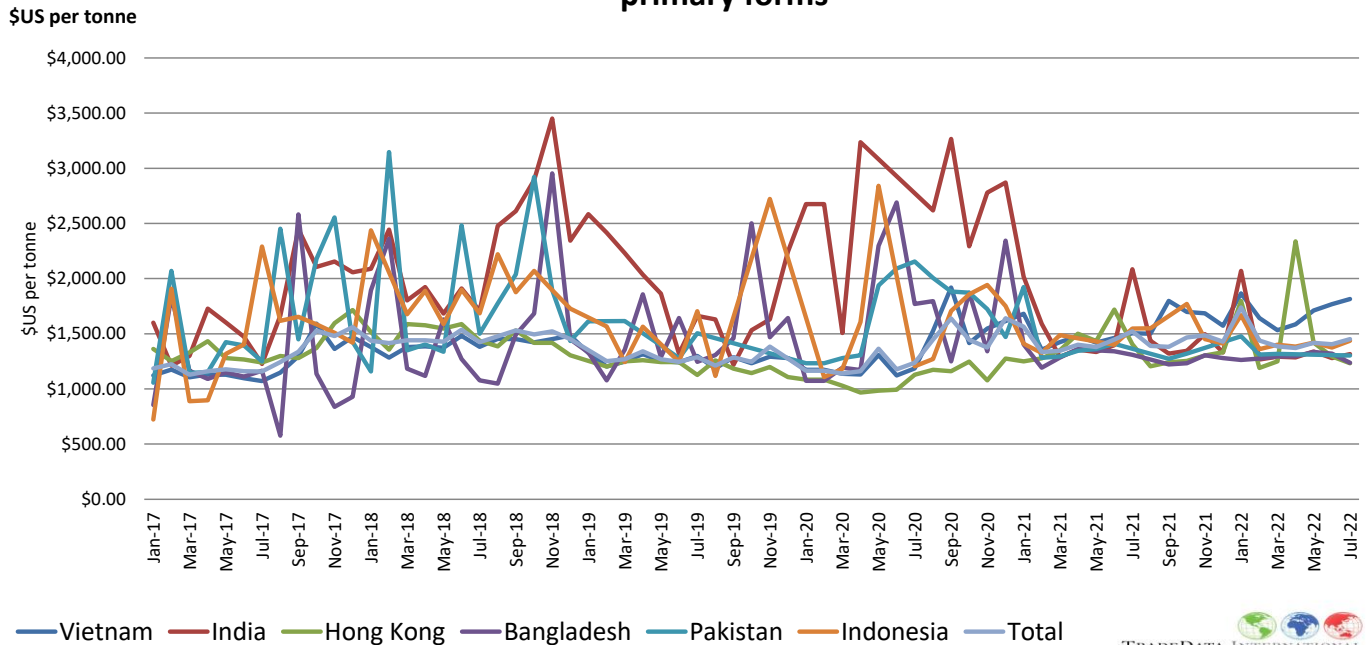
CHINA Exports of Polypropylene; in primary forms



Average Prices – Top Six Supply Countries over Time

The following chart list average export prices over time for the Top 6 destination countries. Export prices to India, Pakistan and Indonesia are above other major export destinations.

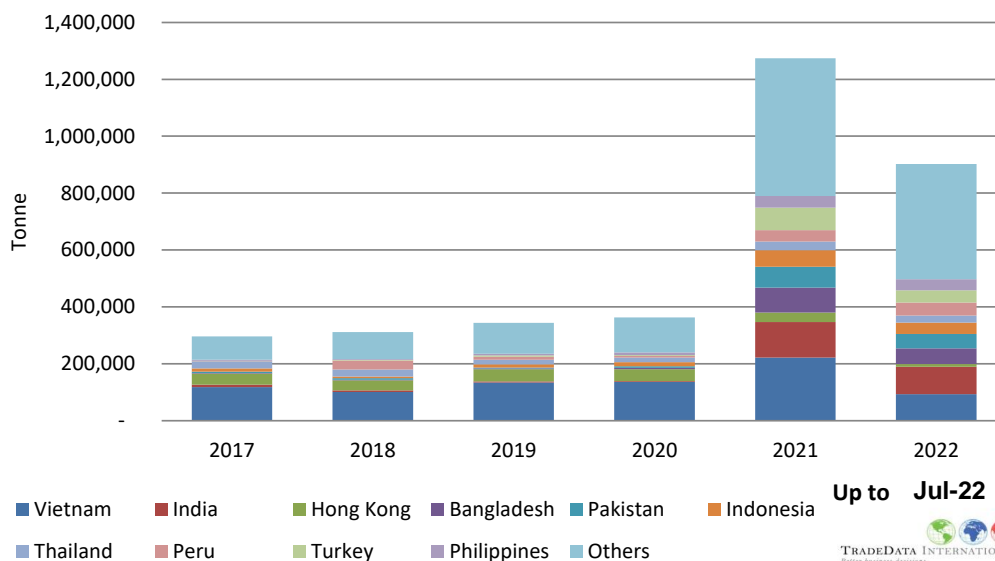
China Exports - Average Prices - Top 6 Origin Countries - Polypropylene; in primary forms



Major Supply Countries

The following two charts list annually the top ten destination countries for China exports both in volume and value terms. This chart draws the major destination countries market shares over time. China exports have grown very strong in 2021 and this far in 2022 due to increased exports to a wide range of countries. It appears that China is now a major exporter of Polypropylene.

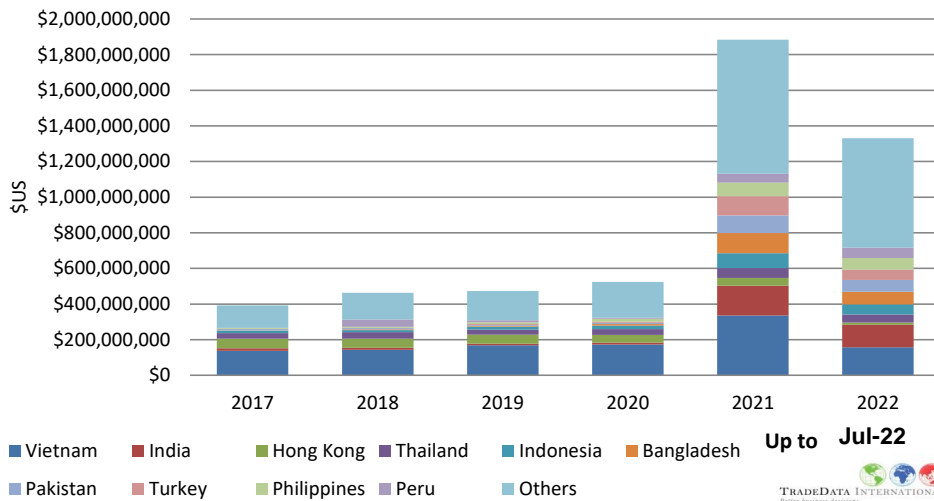
CHINA Exports of Polypropylene; in primary forms by Quantity



Up to Jul-22



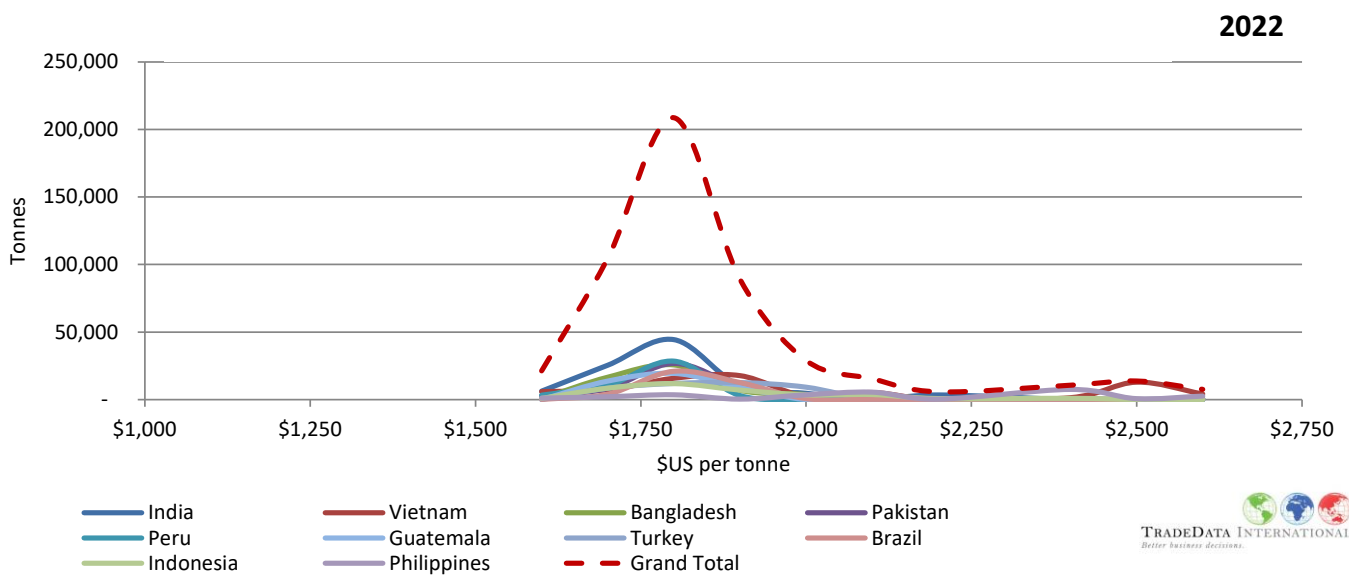
CHINA Exports of Polypropylene; in primary forms by Value



Market Segments

The following chart lists a Price Histogram by Country. This shows up to July 2022, the volumes exported at different price points and the major destination country supplied at these price points. The Excel file enables the user to select different years and to the chart will redraw itself accordingly. Most export occur around \$US 1,800 per tonne.

Price Histogram - CHINA Exports of Polypropylene; in primary forms



Two Typical Transactions

The following table list two typical data transactions as found in the China export data set.

Code	39021000	39021000
TradeType	Export	Export
Year	2020	2020
Month	03	03
Description	Polypropylene; in primary forms	Polypropylene; in primary forms
Reporting_Country	CHINA	CHINA
Reporting_Country_strd	CHINA	CHINA
Partner_Country	UZBEKSTAN	VIETNAM
Partner_Country_strd	Uzbekistan	Vietnam
Value Unit	Dollars	Dollars
Value_FOB	\$31,075.00	\$211,776.00
Value_AUD	\$49,993.46	\$340,705.23
Value_Euro	28,070.05	191,297.26
Value_USD	\$31,075.00	\$211,776.00
Quantity1 Unit	Tonne	Tonne
Quantity1	25.896	12.5

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