

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	Indonesia	Pakistan	Philippines	Turkey	Brazil	Peru	Thailand	Others	Total
Apr-23	FOB per Tonne	\$2,539.15	\$1,644.78	\$1,588.32	\$1,667.07	\$1,666.65	\$1,733.97	\$1,968.06	\$1,652.71	\$1,564.15	\$1,928.47	\$2,073.63	\$1,897.48
	Quantity	10,671.2	4,505.3	9,582.4	4,289.7	3,940.8	5,445.0	1,085.4	9,439.6	3,241.1	4,809.7	46,411.2	103,421.4
May-23	FOB per Tonne	\$1,867.20	\$1,737.40	\$1,564.38	\$1,672.19	\$1,633.15	\$1,722.68	\$2,075.42	\$1,570.20	\$1,550.32	\$1,898.50	\$1,986.32	\$1,847.92
	Quantity	22,729.1	3,546.7	8,133.5	6,380.6	5,567.6	6,795.5	260.0	5,608.2	3,866.8	4,085.4	37,303.5	104,277.0
Jun-23	FOB per Tonne	\$1,763.70	\$1,544.26	\$1,484.42	\$1,547.91	\$1,474.78	\$1,541.74	\$2,320.44	\$1,569.70	\$1,439.85	\$2,195.84	\$1,883.83	\$1,746.15
	Quantity	25,009.0	4,246.4	7,443.8	6,304.4	8,746.6	4,497.1	752.9	4,541.0	6,096.0	3,822.4	32,118.1	103,577.7

Details

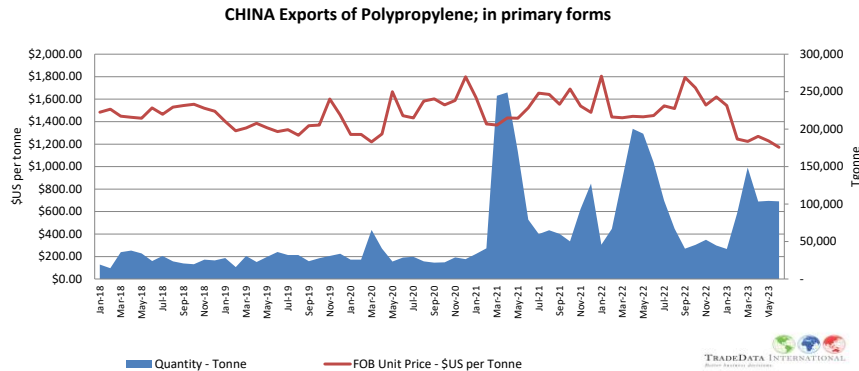
There is a worksheet in the excel file that lists China details by country and average prices each month. Note these are prices at FOB basis, which is they do not include transport and insurance cost associated with the export. A small sample is below.

Code	39021000	
TradeType	Export	
Year	2023	
Description	Polypropylene; in primary forms	
Reporting_Country	CHINA	
Quantity1 Unit	Tonne	

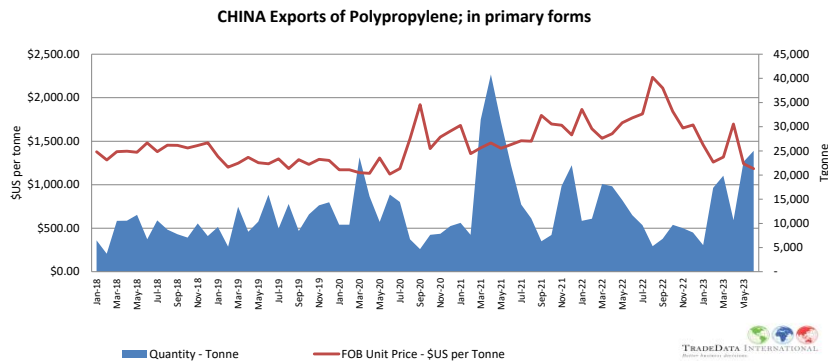
Date	Country	Data		Unit Price
		Sum of Quantity1	Sum of Value_CIF	
Jun-23	Vietnam	25,009	\$29,608,739	\$1,183.92
	Pakistan	8,747	\$8,658,947	\$989.98
	Bangladesh	7,444	\$7,417,343	\$996.45
	Indonesia	6,304	\$6,550,727	\$1,039.07
	Peru	6,096	\$5,891,898	\$966.53
	Brazil	4,541	\$4,784,770	\$1,053.69
	Philippines	4,497	\$4,654,137	\$1,034.93
	India	4,246	\$4,401,916	\$1,036.61
	Thailand	3,822	\$5,634,215	\$1,474.01
	Kenya	2,257	\$2,518,281	\$1,115.63
	Cambodia	1,963	\$2,512,134	\$1,279.98
	Mexico	1,925	\$3,297,344	\$1,713.25
	Ecuador	1,654	\$1,537,390	\$929.50
	Nigeria	1,619	\$1,909,051	\$1,179.52
	Russia	1,480	\$2,628,016	\$1,775.65
	Malaysia	1,418	\$2,591,578	\$1,827.91
	Un Arab Emir	1,275	\$1,419,495	\$1,113.43

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, 2022 and 2023. Peak export volumes are in the middle of each year. The surge in exports in the first half of recent years is associated with lower prices and strong increases in exports to Malaysia, the USA, Taiwan, Turkey, and a range of other countries. Prices have fallen in the first two months of 2023.

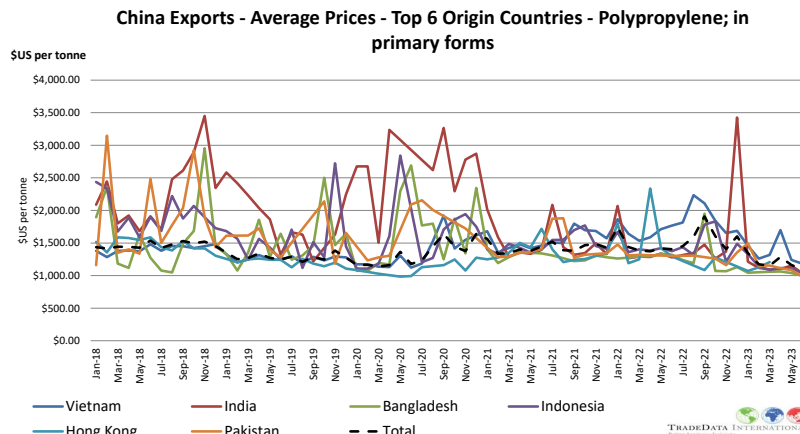


The excel file enables the user to select a destination country and then redraw this Price&Quantity chart to only include exports to the selected country. The chart below lists Price and Quantity where exports only to Viet Nam are selected. Like total exports, exports to Viet Nam increased strongly in the middle of 2021 before retreating. Average export prices to Viet Nam increased in the middle of 2022 and have subsequently declined and associated with increased volumes in recent months.



Average Prices – Top Six Supply Countries over Time

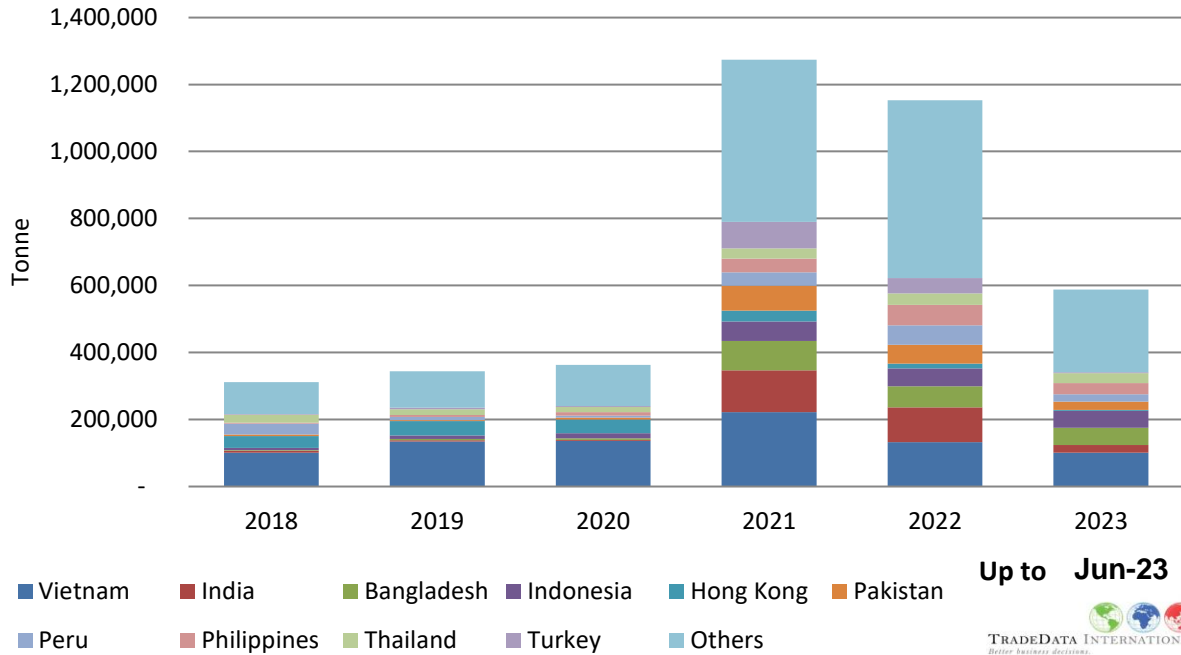
The following chart list average export prices over time for the Top 6 destination countries. Export prices to India, Pakistan and Indonesia are above other major export destinations.



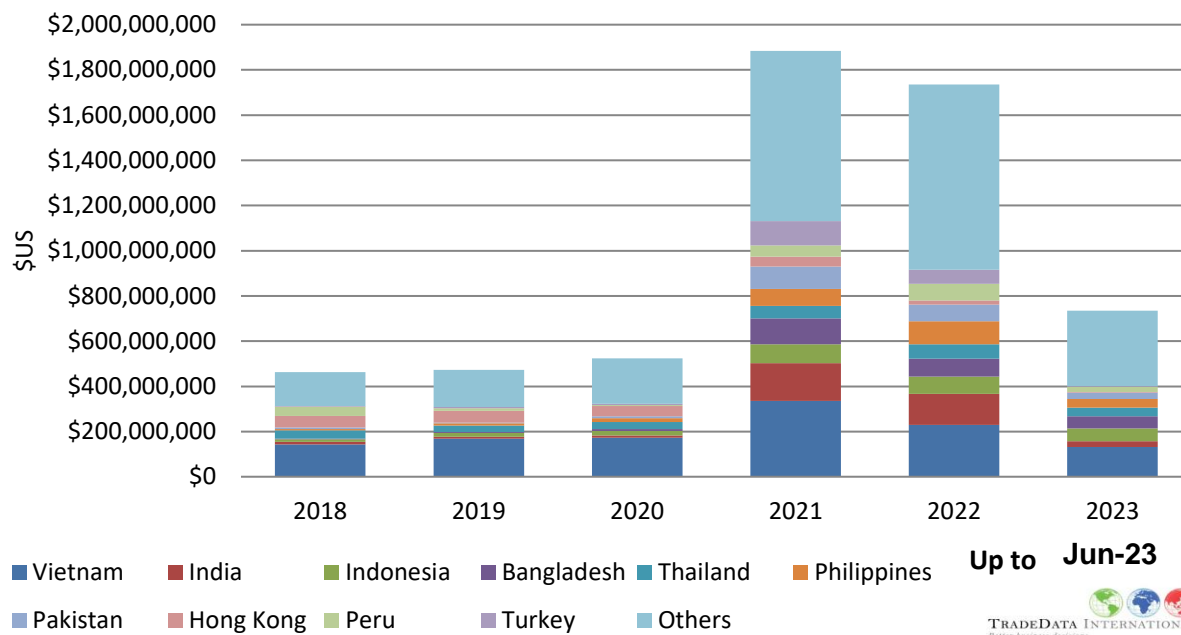
Major Supply Countries

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 declined slightly in 2022. China is now a major exporter of Polypropylene.

CHINA Exports of Polypropylene; in primary forms by Quantity



CHINA Exports of Polypropylene; in primary forms by Value

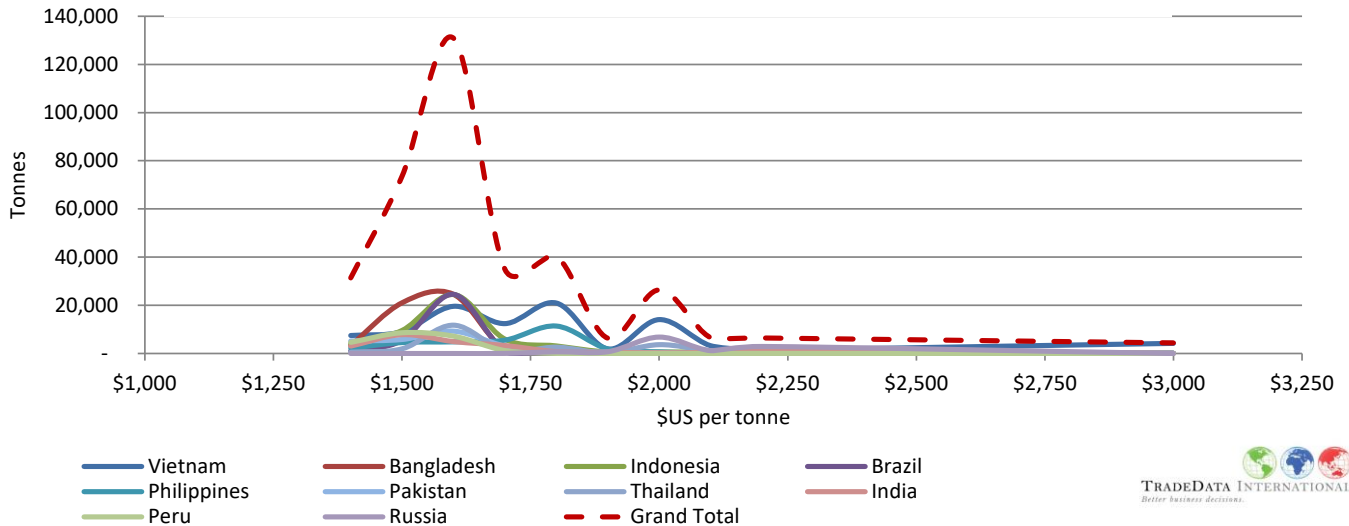


Market Segments

The following chart lists a Price Histogram by Country. This shows up to June 2023, 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 1,600 per tonne.

Price Histogram - CHINA Exports of Polypropylene; in primary forms

2023



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	2023	2023
Month	02	02
Description	Polypropylene; in primary forms	Polypropylene; in primary forms
Reporting_Country	CHINA	CHINA
Reporting_Country_strd	CHINA	CHINA
Partner_Country	VENEZUELA	VIETNAM
Partner_Country_strd	Venezuela	Vietnam
Value Unit	Dollars	Dollars
Value_FOB	\$60,480.00	\$3,205,257.00
Value_AUD	\$87,698.36	\$4,647,747.66
Value_Euro	56,464.97	2,992,472.81
Value_USD	\$60,480.00	\$3,205,257.00
Quantity1 Unit	Tonne	Tonne
Quantity1	56	3380

Disclaimer

This paper has been supplied by TradeData International Pty Ltd ("TradeData"). TradeData makes no representation to any other person with regard to the completeness or accuracy of the data or information contained herein, and it accepts no responsibility and disclaims all liability (save for liability which cannot be lawfully disclaimed) for loss or damage whatsoever suffered or incurred by any other person resulting from the use of, or reliance upon, the data or information contained herein.

Copyright in this publication is owned by TradeData International Pty Ltd. The publication is provided on the basis that the user agrees not to copy the material contained within it for other than their own purposes. In the event that the user uses or quotes from the material in this publication - in papers, reports, or opinions prepared for any other person - it is agreed that it will be sourced to TradeData International Pty Ltd.