

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 Countries										Total	
		Vietnam	Hong Kong	Indonesia	Taiwan	Egypt	Japan	Philippines	Thailand	Malaysia	El Salvador	Others	Total
Jan-20	FOB per Tonne	\$1,705.52	\$1,575.39	\$1,610.95	\$1,668.59	\$1,707.25	\$1,621.65	\$1,788.27	\$2,372.53	\$2,727.33	\$1,445.50	\$1,895.47	\$1,870.27
	Quantity	9,734.3	2,533.1	1,303.5	1,178.7	429.8	1,549.7	1,142.5	1,391.1	1,095.7	333.6	5,173.0	25,864.9
Feb-20	FOB per Tonne	\$1,758.41	\$1,624.24	\$1,660.91	\$1,720.33	\$1,760.19	\$1,671.93	\$1,843.72	\$2,446.10	\$2,811.90	\$1,490.32	\$1,954.25	\$1,928.27
	Quantity	9,734.3	2,533.1	1,303.5	1,178.7	429.8	1,549.7	1,142.5	1,391.1	1,095.7	333.6	5,173.0	25,864.9
Mar-20	FOB per Tonne	\$1,830.95	\$1,655.71	\$1,902.70	\$1,621.47	\$1,557.94	\$1,928.18	\$2,357.55	\$3,232.69	\$5,191.86	\$1,504.23	\$1,948.92	\$1,962.65
	Quantity	23,694.3	6,676.6	4,192.3	3,508.1	4,826.3	1,931.0	2,159.8	1,654.6	1,236.4	2,000.0	13,658.4	65,537.7

Details

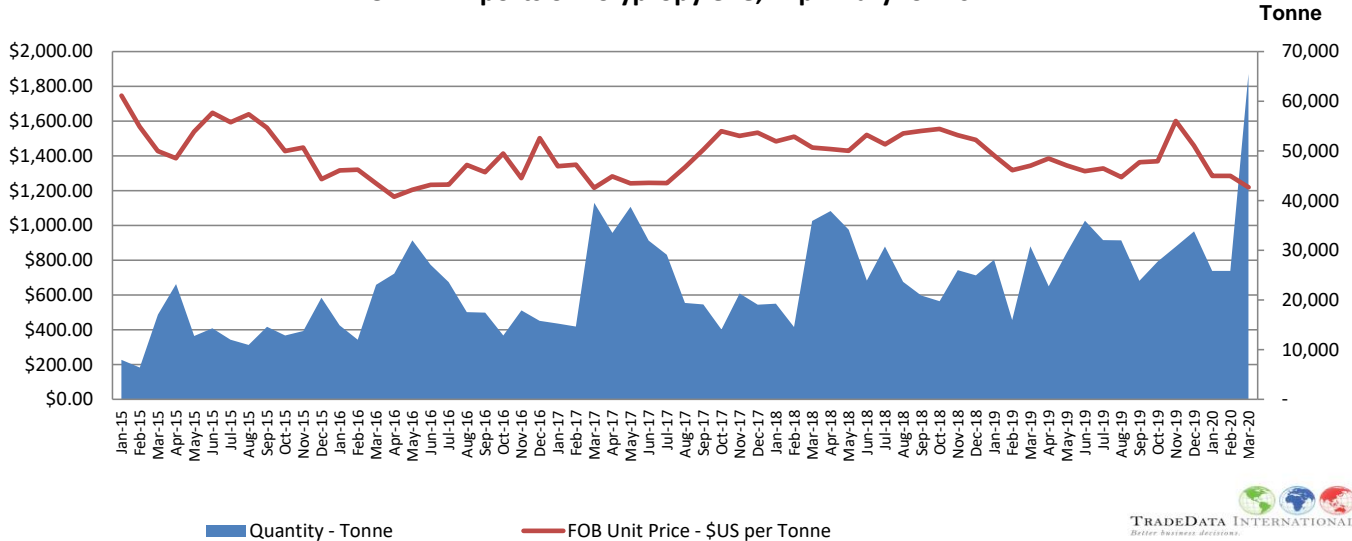
There is a worksheet in the excel file that lists China details by country and average prices each month. Note these are prices at FOB basis, that is they do not include transport and insurance cost associated with the export. A small sample is below.

Date	Country	Data		\$US Unit Price FOB
		Sum of Quantity1	Sum of Value_CIF	
Mar-20	Vietnam	23,694	26,966,059	\$1,138.08
	Hong Kong	6,677	6,871,294	\$1,029.16
	Egypt	4,826	4,673,711	\$968.39
	Indonesia	4,192	4,958,180	\$1,182.69
	Taiwan	3,508	3,535,688	\$1,007.88
	Philippines	2,160	3,164,954	\$1,465.41
	El Salvador	2,000	1,870,000	\$935.00
	Japan	1,931	2,314,355	\$1,198.52
	Thailand	1,655	3,324,674	\$2,009.38
	Malaysia	1,236	3,990,065	\$3,227.17
	Turkey	1,169	1,199,583	\$1,026.28
	Pakistan	1,158	1,482,807	\$1,280.28
	Bangladesh	1,052	1,253,461	\$1,191.82

Price and Quantity

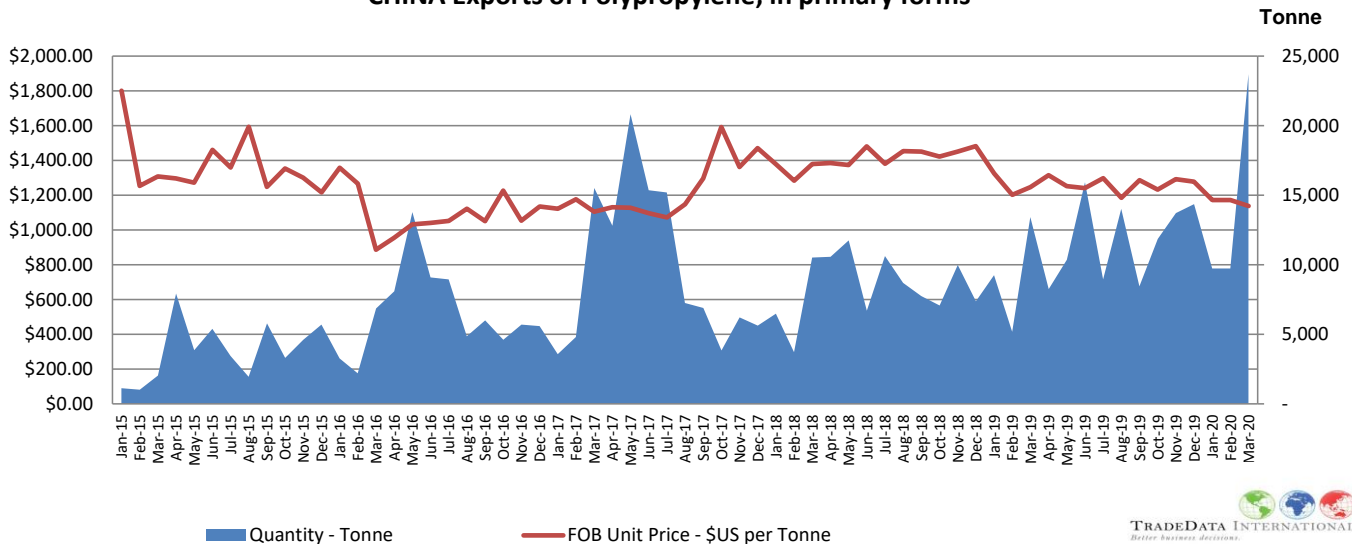
The next chart shows monthly movement in exports volumes - the blue shaded area of the chart - and in average prices on an FOB basis. Export volumes display a seasonal pattern and strong growth in recent years. Peak export volumes are in the middle of each year. Average export prices were generally higher in 2018 and have declined somewhat thereafter. Price were around \$US 1,500 a tonne in the middle of 2018 and since then have fallen to around \$US 1,300 a tonne in early 2020. Export volumes were very high in March 2020 and it will be interesting to see if these are maintained in subsequent months.

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 have increased strongly in 2016 and 2017 in a seasonal pattern. Since 2018, export volumes to Vietnam have continued to increase but without the pronounced seasonal pattern.

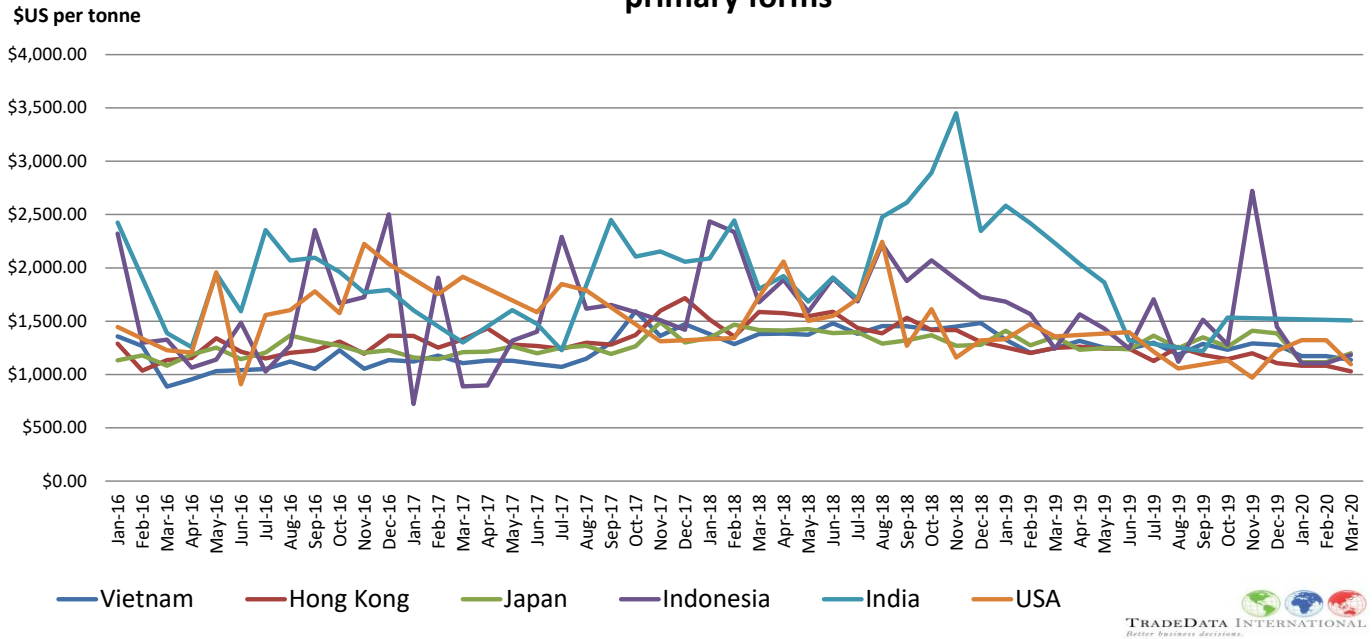
CHINA Exports of Polypropylene; in primary forms



Average Prices – Top Six Supply Countries over Time

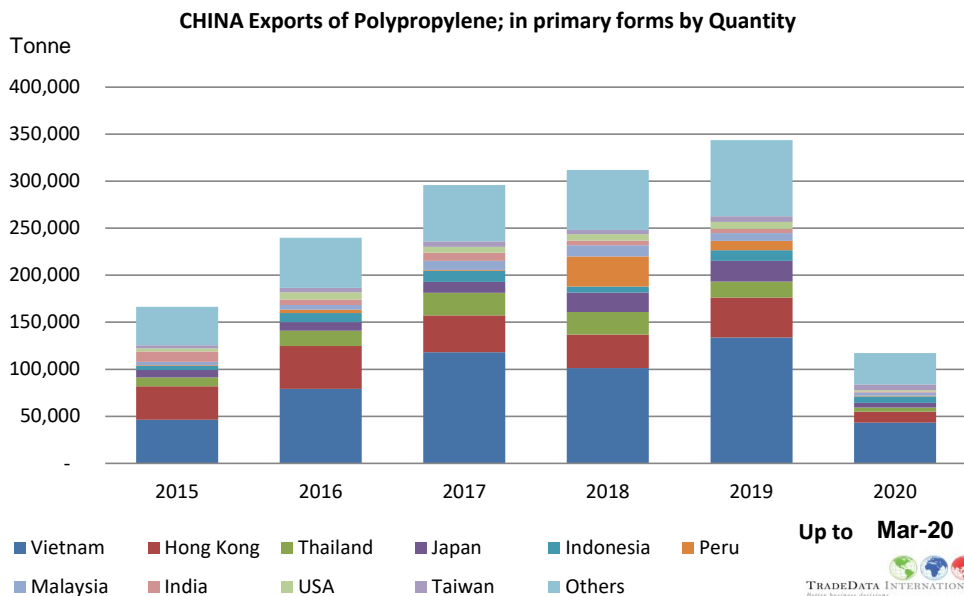
The following chart list average export prices over time for the Top 6 destination countries. Export prices to India and Vietnam are slightly above other major export destinations.

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

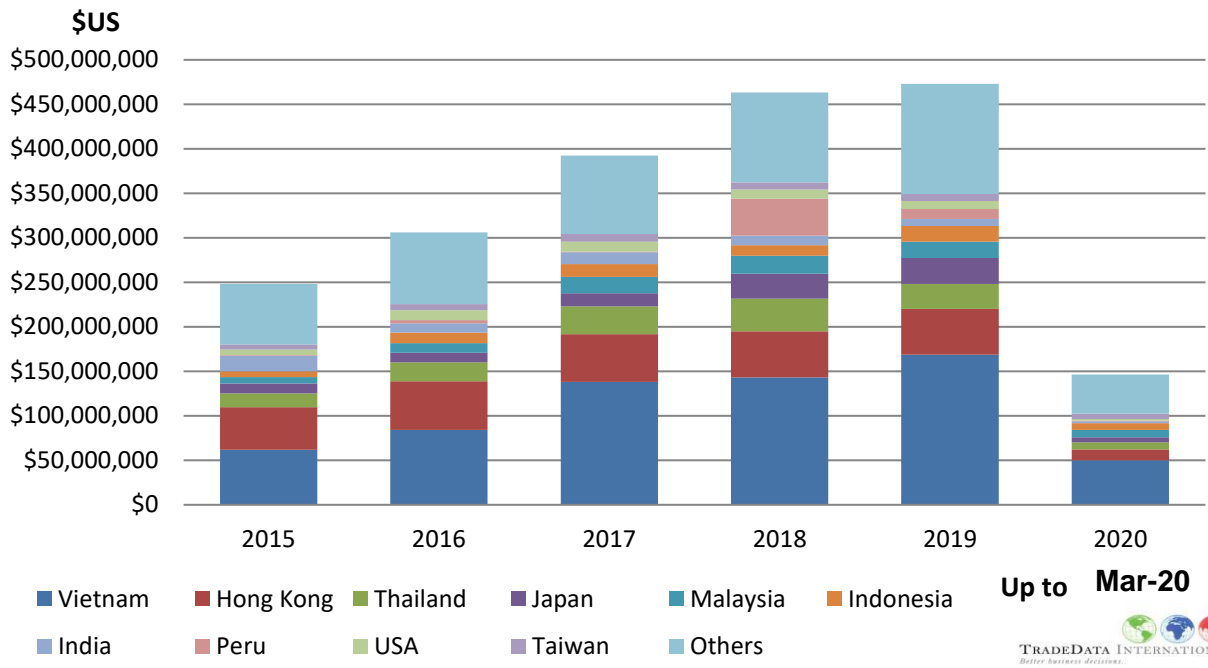


Major Supply Countries

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 over the last five years mostly due to increased exports to Vietnam, and to Peru in 2018.



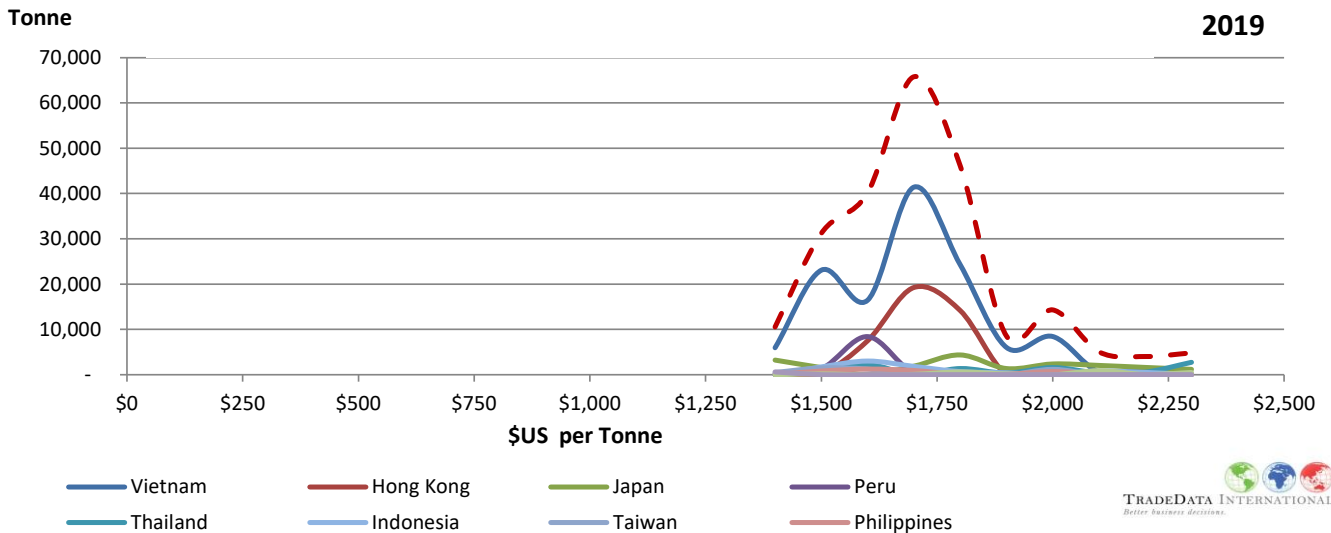
CHINA Exports of Polypropylene; in primary forms by Value



Market Segments

The following chart lists a Price Histogram by Country. This shows, during 2019, 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. Exports to Vietnam occur at prices between \$US 1,500 and \$US 2000 per tonne. Exports to Hong Kong are around \$US 1,700 per tonne, and to Peru around \$US 1,600 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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