

SAMPLE FILE - Thailand Exports of polyvinyl chloride in primary forms (PVC)

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 Thailand. The product chosen was polyvinyl chloride in primary forms (PVC). Similar information is available for any product exported from Thailand. 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 is list two typical exports transaction to demonstrate the underlying export 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 per month and average prices per month, by country. 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.

Thailand Exports - Polyvinyl chloride, primary forms - Top ten destination countries

		Vietnam	Malaysia	Australia	Indonesia	Philippines	India	Bangladesh	Cambodia	China	Un Arab Emir	Others	Total
Mar-20	FOB per Tonne	\$842.46	\$823.73	\$835.94	\$865.54	\$830.23	#DIV/0!	\$838.11	\$879.16	\$832.21	\$873.55	\$810.85	\$827.97
	Quantity	2,082	852	469	639	533	0	552	195	438	144	800.0	6,704.5
Apr-20	FOB per Tonne	\$785.23	\$827.51	\$841.95	\$844.64	\$864.21	#DIV/0!	#DIV/0!	\$789.80	\$623.58	#DIV/0!	\$793.26	\$772.08
	Quantity	1,411	384	331	401	18	0	0	675	882	0	661.2	4,762.3
May-20	FOB per Tonne	\$616.24	\$763.63	\$663.79	\$703.07	\$873.54	#DIV/0!	#DIV/0!	\$644.24	\$632.55	\$630.07	\$619.54	\$641.12
	Quantity	3,822	522	508	198	99	0	0	315	2,520	180	261.0	8,424.6

Details

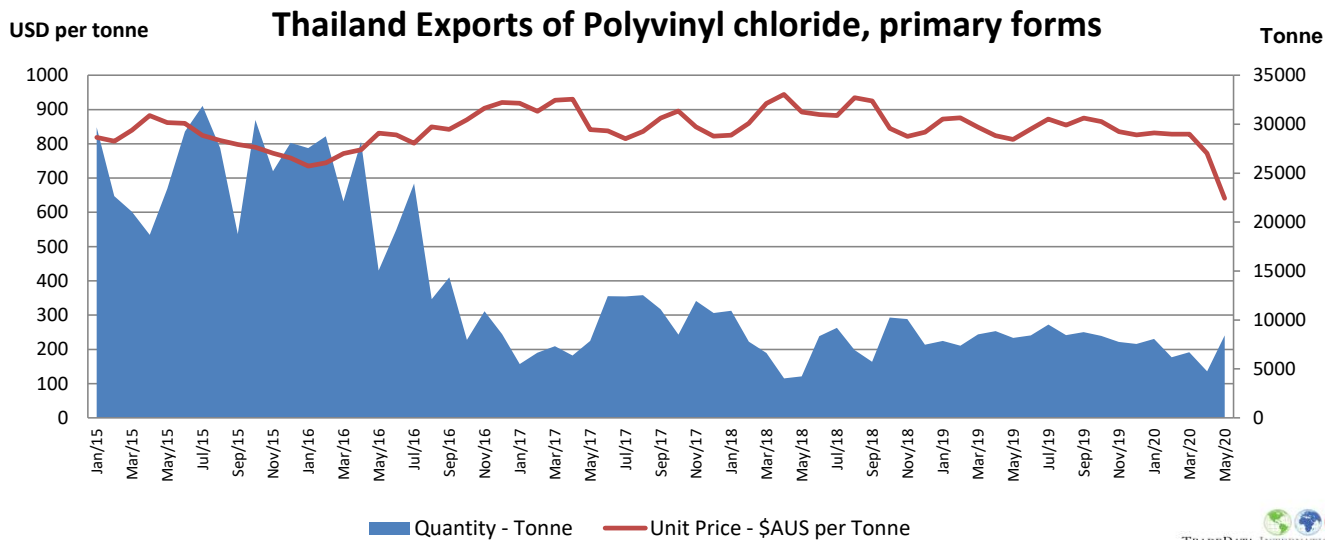
There is another worksheet in the excel file that also lists Country details and average prices each month. A small sample is list below.

Code	39041010000	↕
TradeType	Export	↕
Year	2020	↕
Description	Polyvinyl chloride, primary form	↕
Reporting_Country_strd	Thailand	↕
Quantity1 Unit	Tonne	↕

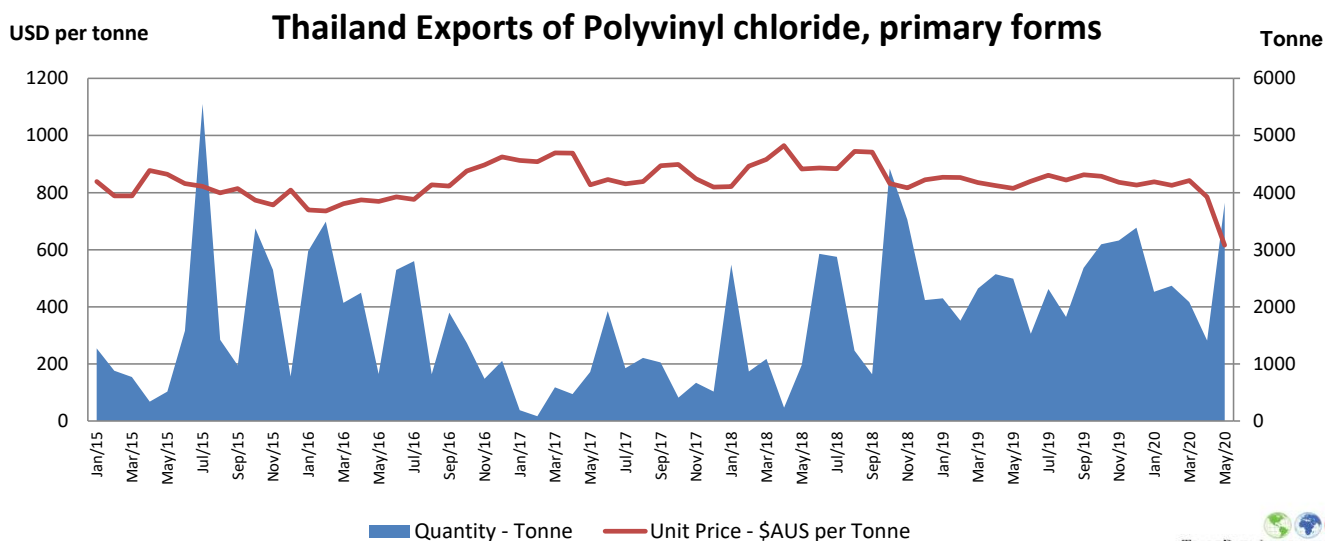
Date	Partner_Country_strd	Data		Unit Price
		Sum of Quantity1	Sum of Value_USD	
May-20	Vietnam	3,822	2,355,211	\$616.24
	China	2,520	1,594,032	\$632.55
	Malaysia	522	398,616	\$763.63
	Australia	508	337,021	\$663.79
	Cambodia	315	202,934	\$644.24
	Laos	261	174,315	\$667.88
	Indonesia	198	139,208	\$703.07
	Un Arab Emir	180	113,413	\$630.07
	Philippines	99	86,480	\$873.54
May-20 Total		8,425	5,401,231	\$641.12

Price and Quantity

The next chart show monthly movement in exports volumes - the blue shaded area of the chart - and in average prices. The red line shows average prices without Transport and Insurance Costs (FOB values). Export volumes were many times larger in 2015 and early 2016. Volumes declined by two-thirds during 2016. During 2019 volumes were around 8,000 tonnes a month and in early 2020 have declined again. Average export prices have been around \$US 850 per tonne but in early 2020 have fallen substantially to well below \$US 700 a tonne.

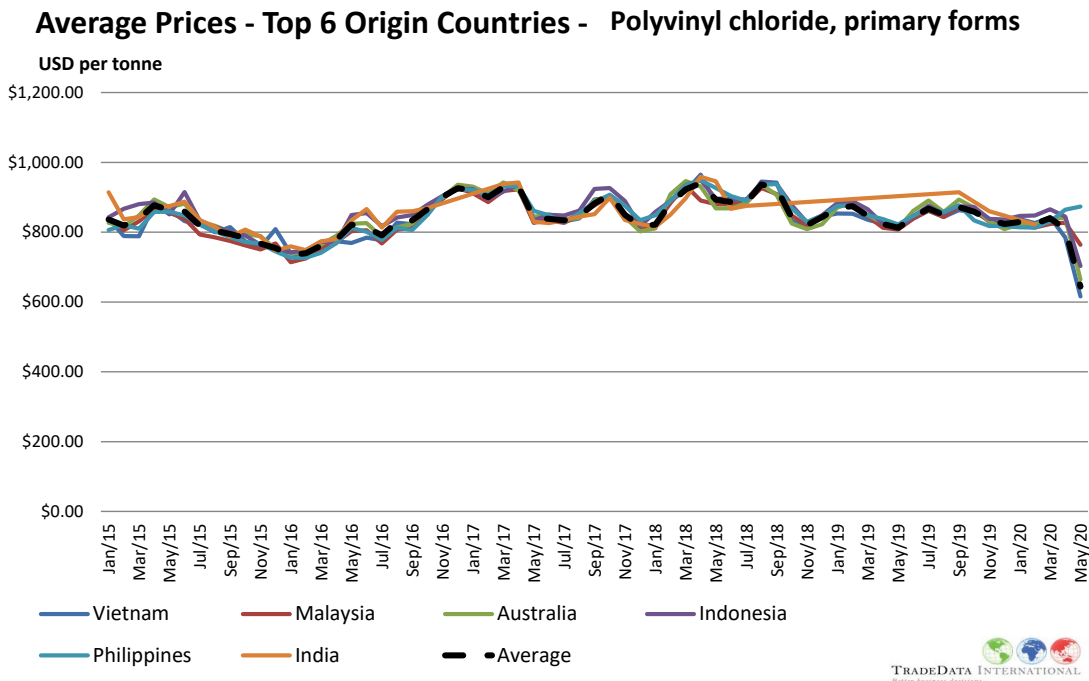


The excel file enables the user to select a particular destination country and then redraw this Price and Quantity chart only including exports to the selected country. The chart below lists Price and Quantity where exports only to Vietnam are selected. Export volumes to Vietnam have grown strongly in 2019 and 2020.



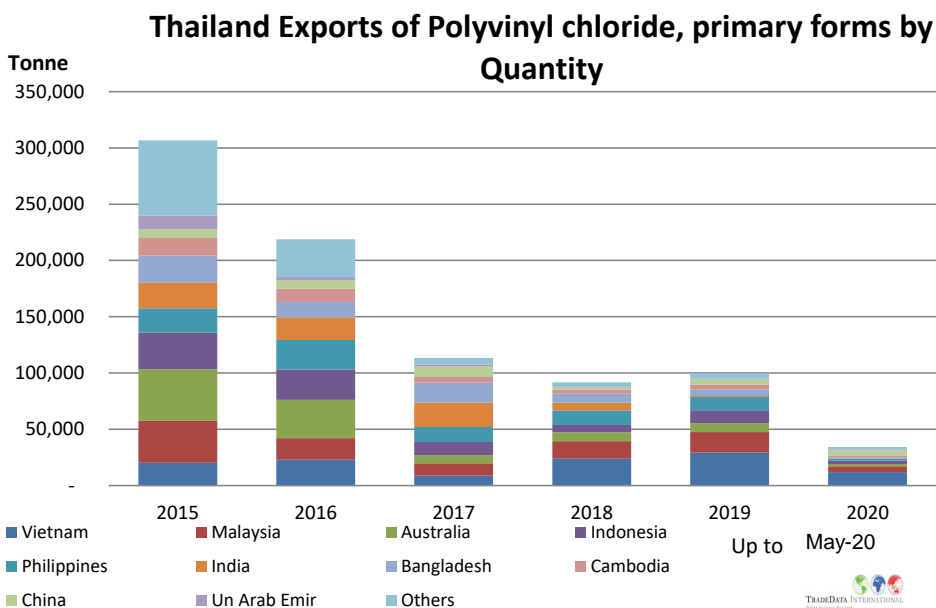
Average Prices – Top Six Destination Countries over Time

The following chart list average prices over time for the Top 6 destination countries for Thailand exports. Average prices into each country are very similar with little variation between countries.

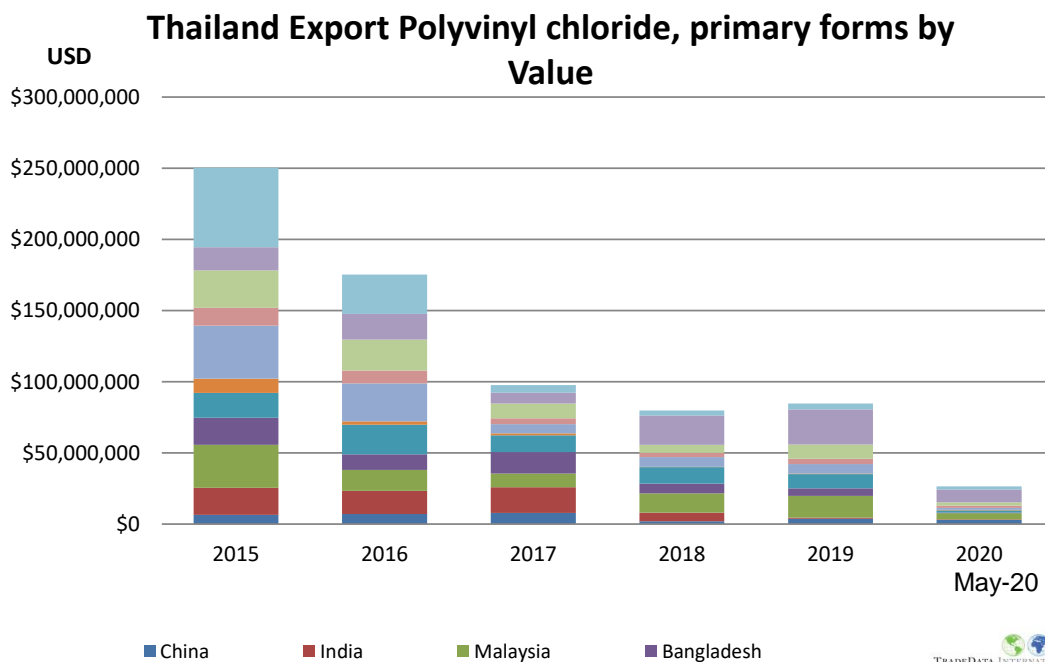


Major Supply Countries

The following two charts list annually the top ten export destination countries both in volume and value terms. These charts draw the major destination countries market shares over time. Thailand exports PVC mainly to other Asian countries. The decline in exports in 2016 and 2017 was due to a decline in exports to all major destinations. Exports to Vietnam have recovered in 2019 and early 2020. Between 2015 and 2019 export volumes have declined from just above 300,000 tonnes to near 100,000 tonnes.

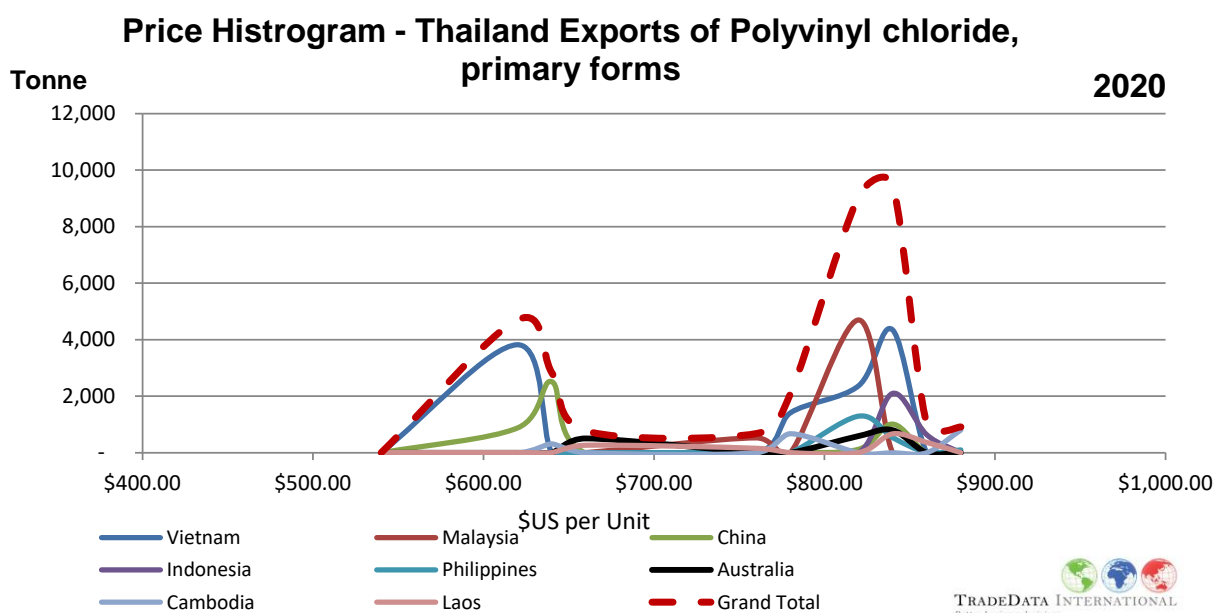


Export values were 250 million US dollars in 2015 and declined to around 85 million US dollars in 2019.



Market Segments

The following chart lists a Price Histogram by Country. This shows, thus far in 2020, the volumes exported at different price points and the major destination markets supplied at these price points. The Excel file enables the user to select different years and the chart will redraw itself accordingly. This chart shows two distinct market segments. The first is a smaller and lower priced segment between \$US 600 and \$US 650 per tonne with exports to Vietnam and China. The second major price segment are exports to Vietnam, Malaysia, Indonesia, and host of smaller markets at prices between \$US 780 and \$US 880 per kilogram.



Two Typical Transactions

The following table list two typical data transactions as found in the Thailand exports data set.

Code	39041010000	39041010000
TradeType	Export	Export
Year	2020	2020
Month	05	05
Description	Polyvinyl chloride, primary forms	Polyvinyl chloride, primary forms
Reporting_Country	Thailand	Thailand
Reporting_Country_strd	Thailand	Thailand
Partner_Country	AE	AU
Partner_Country_strd	Un Arab Emir	Australia
Value Unit	Baht	Baht
Value_FOB	3639014	10813820
Value_AUD	\$174,281.17	\$517,899.96
Value_Euro	103,851.94	308,610.01
Value_USD	\$113,412.62	\$337,020.87
Quantity1 Unit	Tonne	Tonne
Quantity1	180	507.72

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