

## 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 are list two typical export transactions 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 - Polymers of vinyl chloride or of other halogenated olefins; in primary forms. Homopolymers; suspension type - Top ten destination countries

		Vietnam	Malaysia	Australia	India	Philippines	Bangladesh	Indonesia	China	Cambodia	Laos	Others	Total
Dec-21	FOB per Tonne	\$1,510.09	\$1,478.53	#DIV/0!	\$1,627.21	\$1,452.99	\$1,406.33	\$1,556.26	#DIV/0!	\$1,447.50	\$1,453.03	\$1,499.65	\$1,499.65
	Quantity	2,407	2,165	0	558	378	1,566	1,236	0	495	198	1,510.0	10,513.4
Jan-22	FOB per Tonne	\$1,387.99	\$1,393.68	#DIV/0!	\$1,389.36	\$1,429.16	\$1,478.63	\$1,401.88	#DIV/0!	\$1,331.85	\$1,370.10	\$1,395.49	\$1,395.49
	Quantity	1,335	1,749	0	3,402	121	774	870	0	1,350	288	1,150.3	11,039.7
Feb-22	FOB per Tonne	\$1,311.26	\$1,316.00	\$1,266.31	\$1,355.83	\$1,408.77	\$1,366.61	\$1,293.79	#DIV/0!	\$1,274.76	\$1,272.22	\$1,336.40	\$1,336.40
	Quantity	2,606	2,176	120	2,394	729	1,206	696	0	270	210	1,175.0	11,581.4

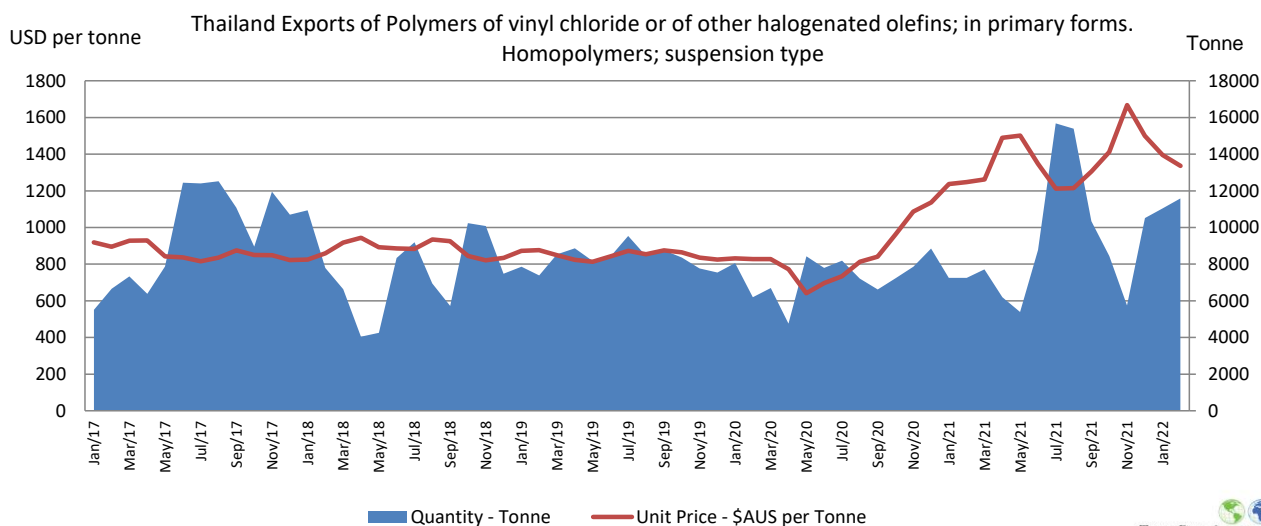
### Details

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

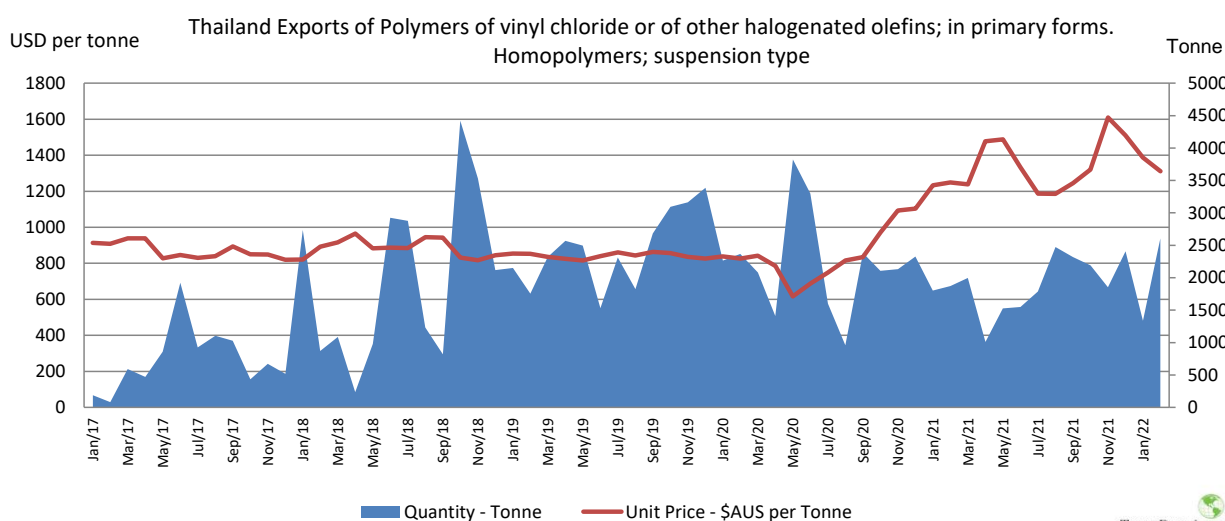
Date	Partner_Country_strd	Sum of Quantity1	Sum of Value_USD	Unit Price
Feb-22	Vietnam	2606.2	3417409.015	\$1,311.26
	India	2394	3245858.999	\$1,355.83
	Malaysia	2175.6	2863090.309	\$1,316.00
	Bangladesh	1206	1648136.289	\$1,366.61
	Myanmar	1149	1562492.485	\$1,359.87
	Philippines	728.6	1026429.716	\$1,408.77
	Indonesia	696	900474.377	\$1,293.79
	Cambodia	270	344185.5496	\$1,274.76
	Laos	210	267166.9271	\$1,272.22
	Australia	120	151957.0311	\$1,266.31
	South Africa	26	50167.86949	\$1,929.53
Feb-22 Total		11581.4	15477368.57	\$1,336.40
Jan-22	India	3402	4726617.943	1389.364475
	Malaysia	1749	2437549.963	\$1,393.68
	Vietnam	1335.4	1853525.746	\$1,387.99
	Cambodia	1350	1797999.118	\$1,331.85
	Indonesia	870	1219631.326	\$1,401.88
	Myanmar	843	1196260.671	\$1,419.05
	Bangladesh	774	1144462.193	\$1,478.63
	Laos	288	394588.7591	\$1,370.10
	Singapore	144	195494.7462	\$1,357.60
	Philippines	121	172928.8256	\$1,429.16
	Kenya	108	154808.2423	\$1,433.41
	South Africa	43.25	92189.46058	\$2,131.55
	Pakistan	12	19683.81158	1,640
	Jan-22 Total		11039.65	15405740.81

### Price and Quantity

The next chart shows 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). During 2019 volumes were around 8,000 tonnes a month. In early 2020 they declined and then recovered in 2020. Since then, export volumes have increased. They were particularly high in the middle of 2021, and this was associated with lower prices. The reverse occurred late in 2021. Early in 2022 volumes are high as are average prices.

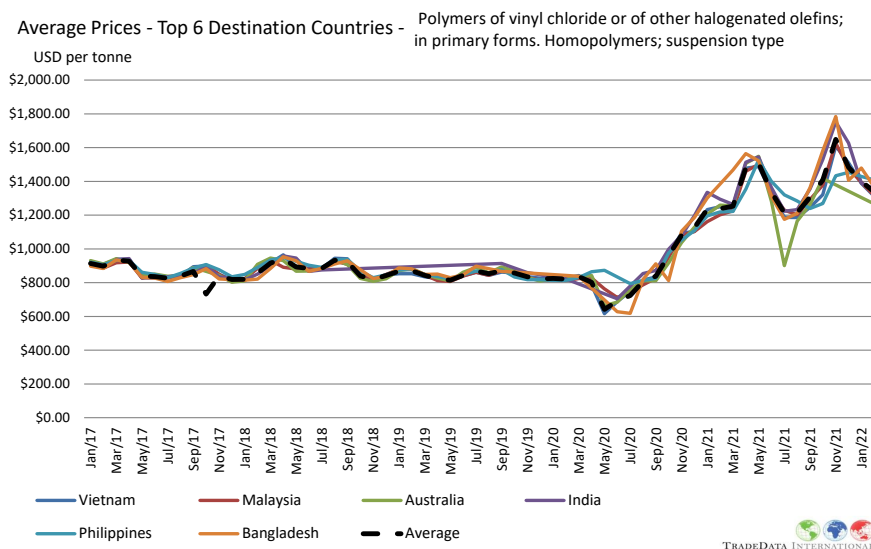


The excel file enables the user to select a particular destination country and then redraw this Price and Quantity chart only including exports to the selected country. The chart below lists Price and Quantity where exports only to Vietnam are selected. Export volumes to Vietnam grew strongly in 2019 and are more or less maintained thereafter. Volumes were slightly lower in the middle of 2021 but recovered in the second half of the year. Average prices have increased strongly nearly doubling over the last two years.



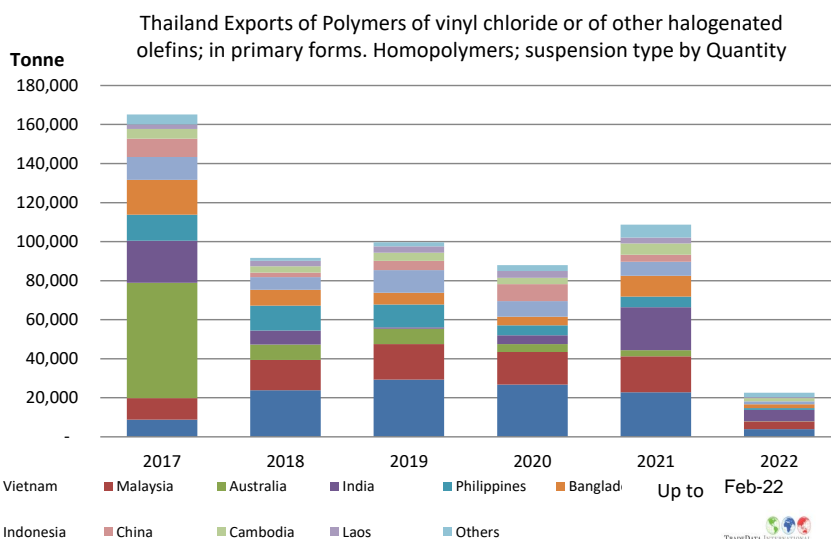
### Average Prices – Top Six Destination Countries over Time

The following chart list average prices over time for the Top 6 destination countries for Thailand exports. Average prices into each country are similar with little variation between countries. Since the middle of 2020 average prices have increased sharply from below \$US 800 a tonne to around \$US 1,400 a tonne in the second half of 2021.

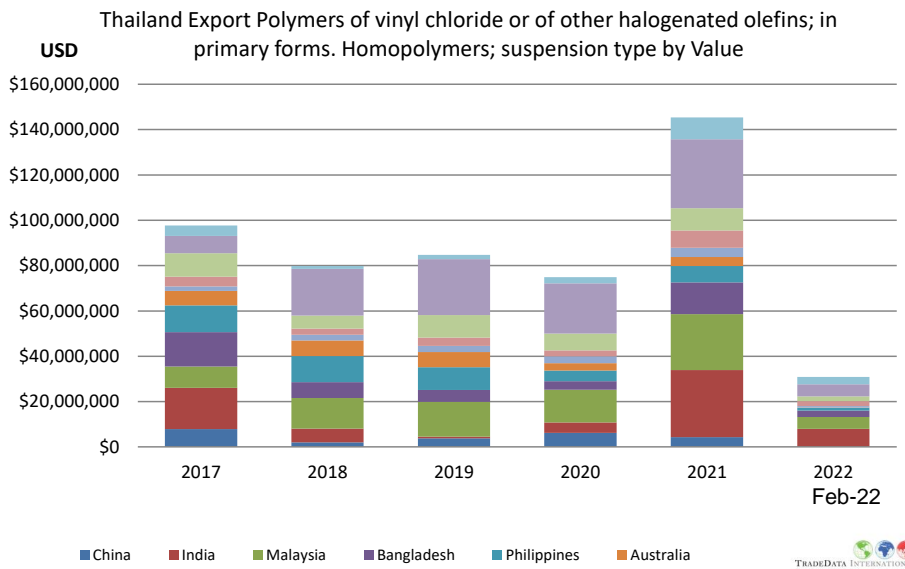


### Major Supply Countries

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 2018 was due to a decline in exports Australia and India. Exports to Indian grew strongly in 2021.

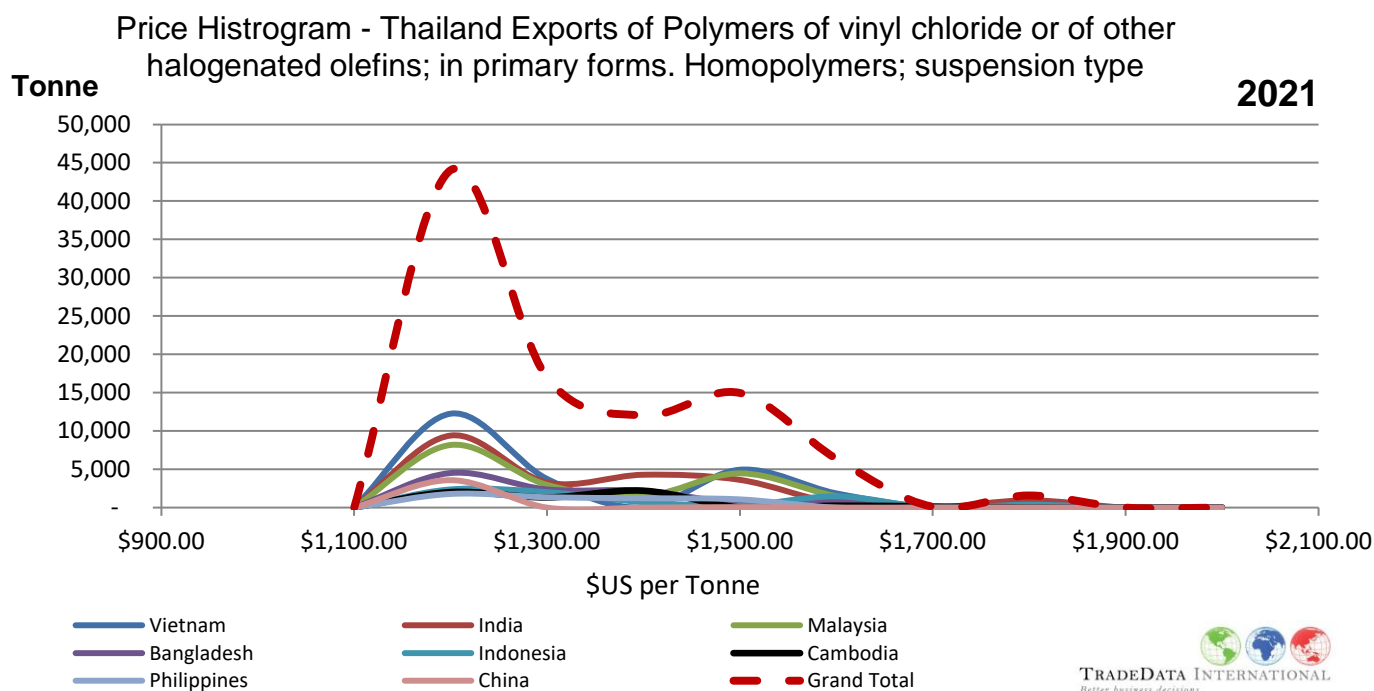


The strong growth in export values is due to increased volumes in 2021 combined with far higher prices.



### Market Segments

The following chart lists a Price Histogram by Country. This shows in 2021, 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 major market segments. The first lower priced and larger segment is at prices around \$US 1,200 per tonne with exports to all the major receiving countries at these prices. The second segment is around \$US 1,500 per tonne and is exported to Vietnam, China, and Malaysia.



## 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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