

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	India	Philippines	Indonesia	Bangladesh	Australia	Myanmar	China	Cambodia	Others	Total
Apr-23	FOB per Tonne	\$836.14	\$836.75	\$812.76	\$850.80	\$863.52	\$826.47	\$959.43	\$868.99	#DIV/0!	\$833.18	\$833.55	\$833.55
	Quantity	1,449	1,313	4,200	507	270	648	97	1,144	0	150	212.0	9,988.6
May-23	FOB per Tonne	\$813.05	\$802.15	\$812.69	\$818.63	\$846.03	\$813.55	\$876.29	\$825.11	#DIV/0!	\$838.65	\$820.79	\$820.79
	Quantity	1,669	1,132	2,354	471	498	162	97	847	0	120	311.8	7,661.0
Jun-23	FOB per Tonne	\$754.61	\$793.63	\$746.37	\$762.21	\$844.30	\$814.97	\$795.69	\$798.35	#DIV/0!	\$794.52	\$774.37	\$774.37
	Quantity	1,960	1,396	2,448	709	432	162	242	1,607	0	210	11.0	9,178.0

Details

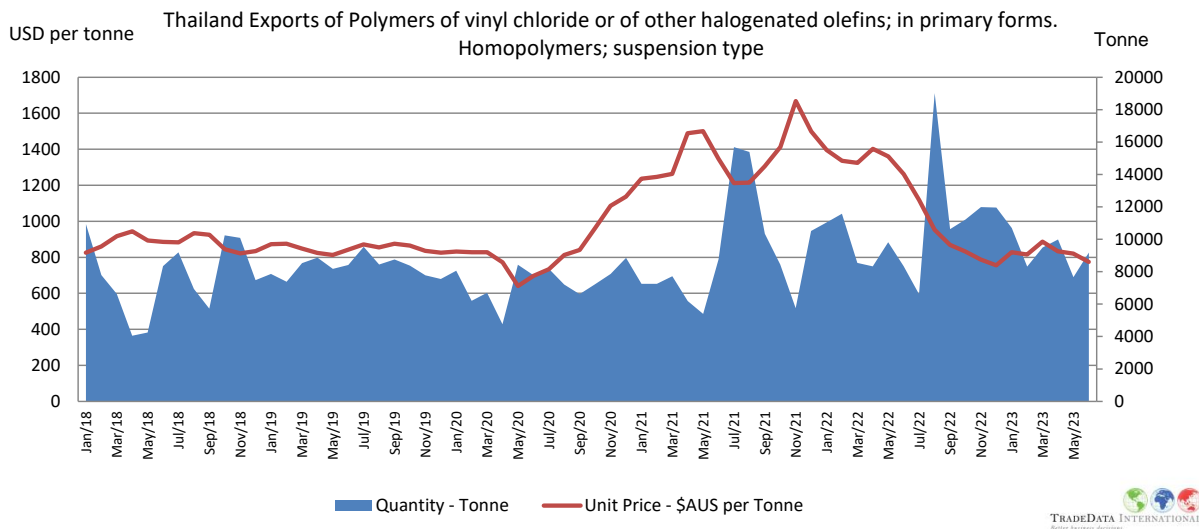
There is another worksheet in the excel file that also lists Country details and average prices each month. A small sample is list below.

Code	39041010000
TradeType	Export
Year	(Multiple Items)
Description	Polymers of vinyl chloride or other halogenated olefins; in primary forms. Homopolymers; suspe
Reporting_Country_strd	Thailand
Quantity1 Unit	Tonne

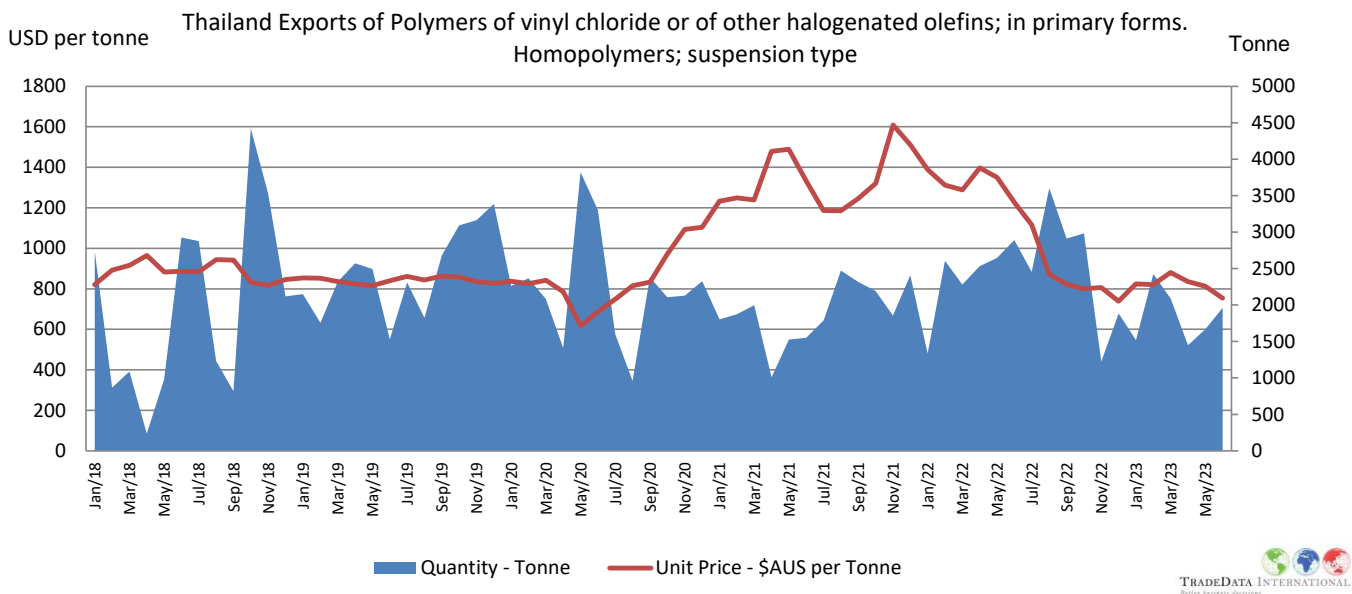
Date	Partner_Country_strd	Data		Unit Price
		Sum of Quantity1	Sum of Value_USD	
Jun-23	India	2448	1827111.912	\$746.37
	Vietnam	1960.4	1479344.067	\$754.61
	Myanmar	1607.4	1283260.32	\$798.35
	Malaysia	1395.94	1107861.093	\$793.63
	Philippines	709.4	540712.7119	\$762.21
	Indonesia	432.018	364752.5312	\$844.30
	Australia	241.8	192398.8027	\$795.69
	Cambodia	210	166848.7599	\$794.52
	Bangladesh	162	132025.2326	\$814.97
	South Africa	11	12861.1168	\$1,169.19
Jun-23 Total		9177.958	7107176.547	774.3744902

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. Since then, export volumes have increased. They were particularly high in the middle of 2021, and the second half of 2022. These recent increases are associated with steeply declining average prices from late 2021.

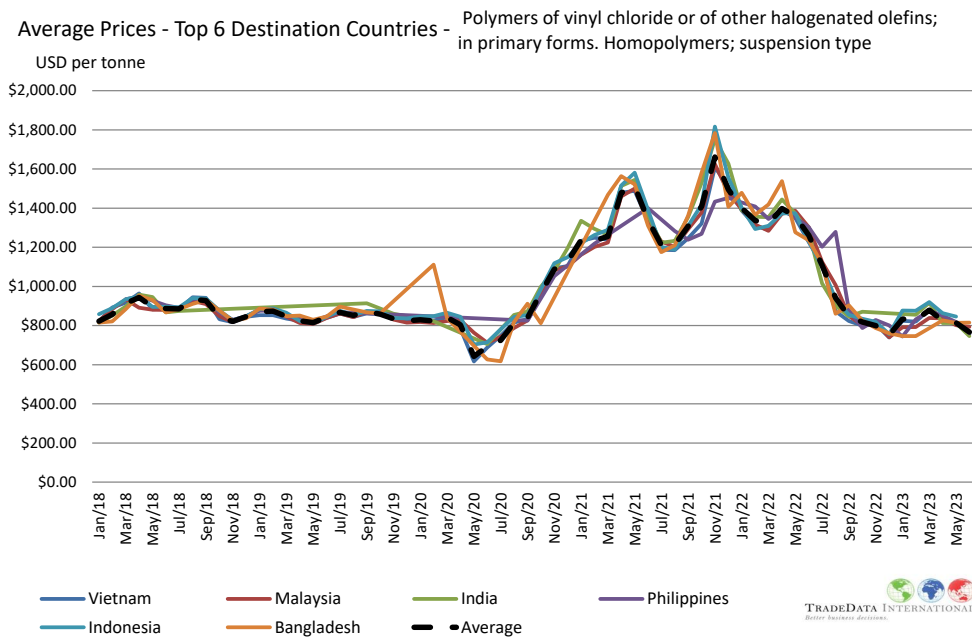


The excel file enables the user to select a particular destination country and then redraw this Price and Quantity chart only including exports to the selected country. The chart below lists Price and Quantity where exports only to Vietnam are selected. Export volumes to Vietnam grew strongly in 2022 before declining. Average prices increased strongly nearly doubling up to late 2021 before declining sharply thereafter. Average prices have stabilised in 2023.



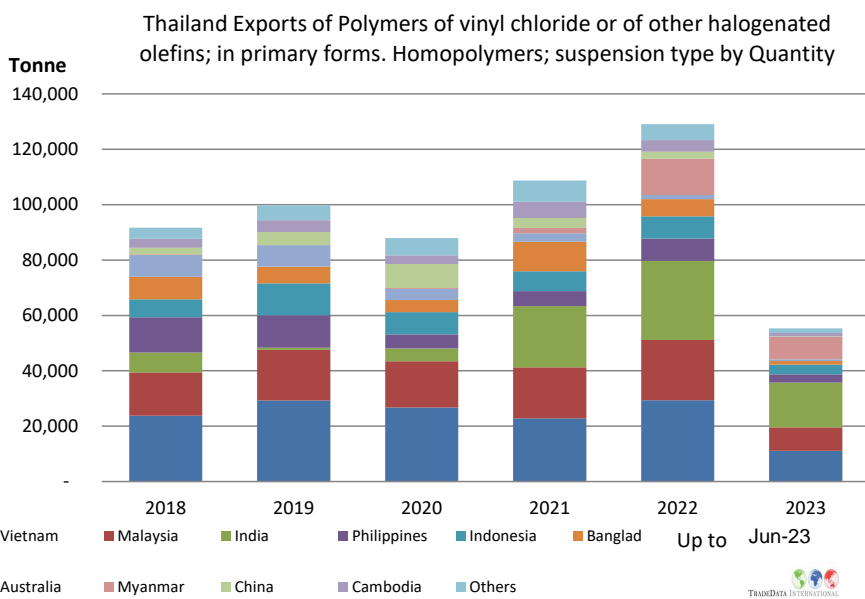
Average Prices – Top Six Destination Countries over Time

The following chart list average prices 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 1,600 a tonne late in 2021. Since then, prices have declined back to around \$US 800 a tonne late in 2022 and into 2023.

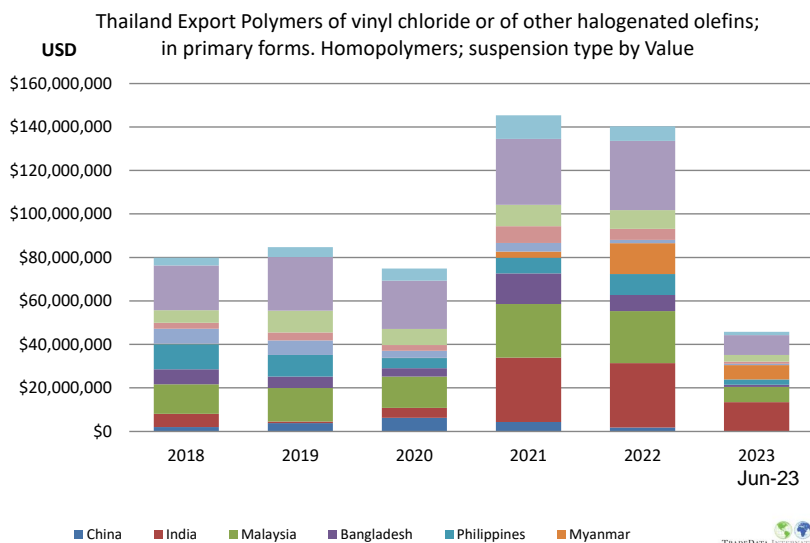


Major Destination Countries

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 to Australia and India. Exports to Indian grew strongly in 2021 and again in 2022. Myanmar also became a major destination in 2022.

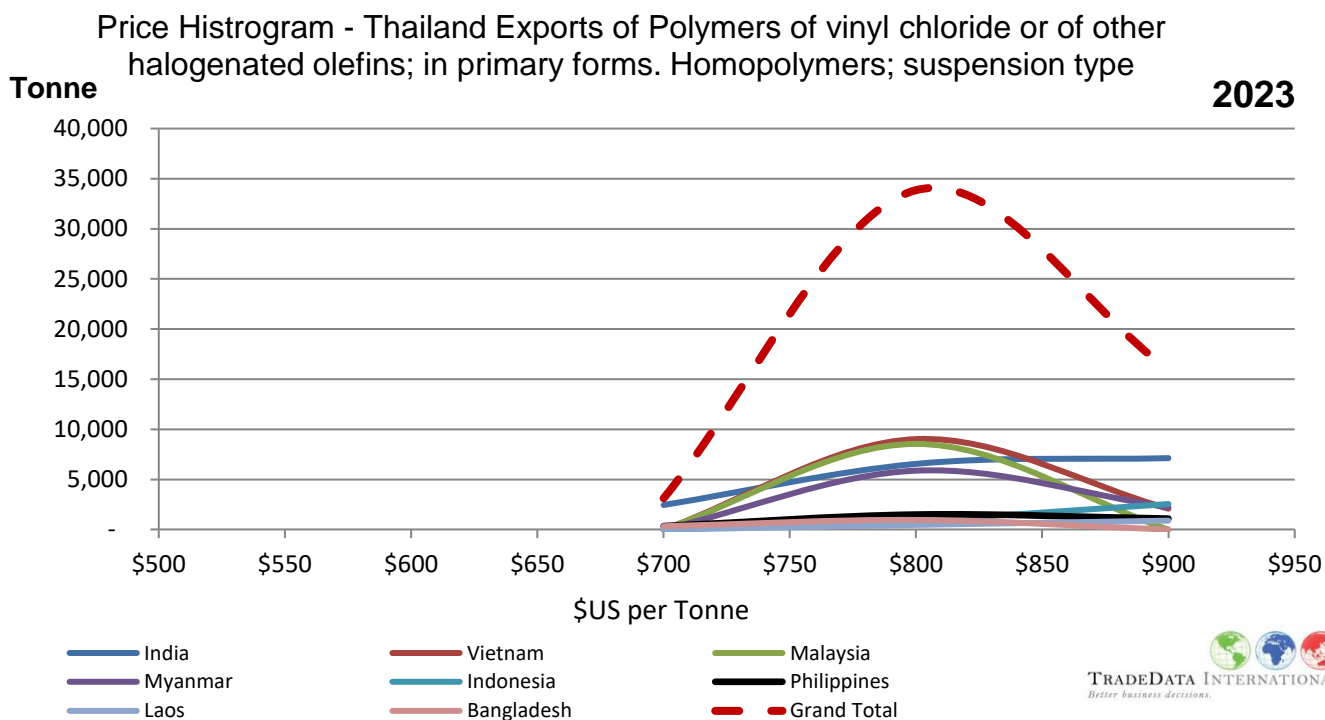


The strong growth in export values is due to increased volumes in 2021 combined with far higher prices.



Market Segments

The following chart lists a Price Histogram by Country. This shows in the first 6 months of 2023, 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 most sales are at prices around \$US 825per tonne with exports to all the major receiving countries at these prices.



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	2022	2022
Month	12	12
Description	Polymers of vinyl chloride or of other halogenated olefins; in primary forms. Homopolymers; suspension type	Polymers of vinyl chloride or of other halogenated olefins; in primary forms. Homopolymers; suspension type
Reporting_Country	Thailand	Thailand
Reporting_Country_strd	Thailand	Thailand
Partner_Country	MY	VN
Partner_Country_strd	Malaysia	Vietnam
Value Unit	Baht	Baht
Value_FOB	46,032,728	48,433,530
Value_AUD	\$1,961,157.31	\$2,063,439.98
Value_Euro	1,250,696.17	1,315,925.28
Value_USD	\$1,323,810.21	\$1,392,852.53
Quantity1 Unit	Tonne	Tonne
Quantity1	1,787.7	1,885.3

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