

SAMPLE FILE - Indonesia Exports of Cocoa butter, fat and oil

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 Indonesia. The product chosen was “Cocoa butter, fat and oil”. 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 the 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 Destination 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, 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.

Top 10 Destination Countries of INDONESIA Exports of Cocoa butter, fat and oil

		USA	Netherlands	India	Estonia	Australia	Germany	China	Canada	Japan	Russia	Others	Total
Jun-23	CIF per Kg	\$4.37	\$4.18	\$4.38	\$3.86	\$4.90	\$4.90	\$4.77	\$4.55	\$5.00	#DIV/0!	\$0.18	\$4.37
	Quantity	5,000,000.0	1,100,000.0	2,295,018.5	1,600,000.0	639,120.0	20,000.0	600,000.0	1,020,000.0	261,600.0	0.0	1,213,617.7	13,749,356.2
Jul-23	CIF per Kg	\$4.30	\$4.58	\$4.70	\$5.05	\$4.91	\$2.81	\$5.07	\$4.60	\$5.06	\$4.00	\$0.23	\$4.70
	Quantity	1,740,000.0	1,100,000.0	1,733,506.5	1,020,000.0	740,025.3	300,000.0	581,500.0	1,240,000.0	60,645.0	140,000.0	2,109,160.2	10,764,837.0
Aug-23	CIF per Kg	\$3.96	\$4.80	\$4.78	\$3.84	\$5.36	\$2.93	\$5.26	\$4.08	\$5.10	\$4.36	\$0.00	\$4.40
	Quantity	3,180,000.0	120,000.0	1,977,000.0	2,200,000.0	700,025.2	320,000.0	450,000.0	160,000.0	240,000.0	176,000.0	2,120,217.3	11,643,242.5

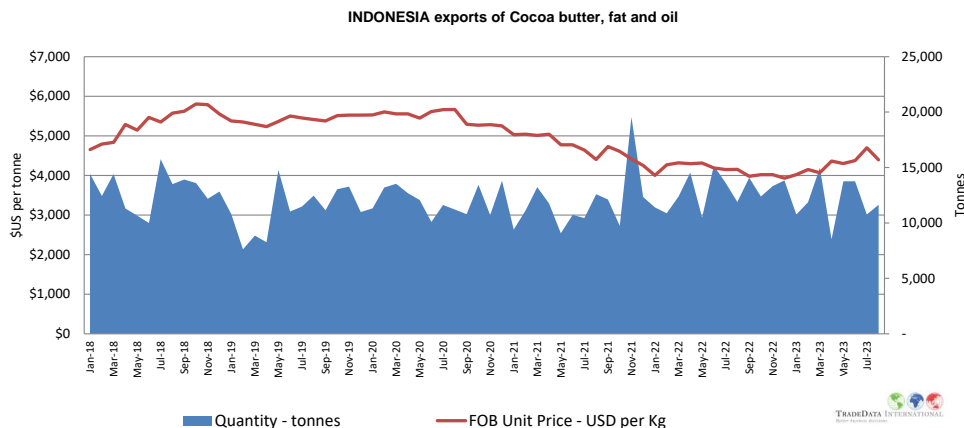
Details

There is a worksheet in the excel file that lists Indonesian details by country and average prices each month. Note these are prices at an FOB basis and as such do not include transport and insurance costs. A small sample is below.

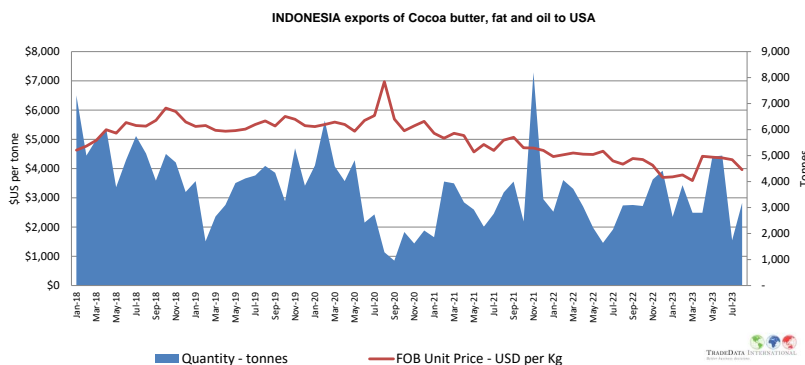
Date	Partner_Country_strd	Port	Mode_of_Transport	Sum Quantity	Sum ValueUSD	Unit Price FOB USD per KG
Aug-23	USA	TANJUNG PRIOK	Sea	1,440,000	4,398,523	\$3.05
		TANJUNG PERAK	Sea	980,000	5,022,627	\$5.13
		BATU AMPAR	Sea	760,000	3,171,748	\$4.17
	Estonia	TANJUNG PRIOK	Sea	600,000	1,511,678	\$2.52
		TANJUNG PERAK	Sea	520,000	2,336,000	\$4.49
	India	BATU AMPAR	Sea	1,080,000	4,589,892	\$4.25
TANJUNG PRIOK		Sea	1,505,000	7,088,132	\$4.71	
		BATU AMPAR	Sea	472,000	2,363,890	\$5.01

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 were fairly stable between early 2019 to early 2022 before increasing slightly. Since late 2020 average prices have been falling and this has been associated with slightly higher export volumes. The reverse is true in the first half of 2023.

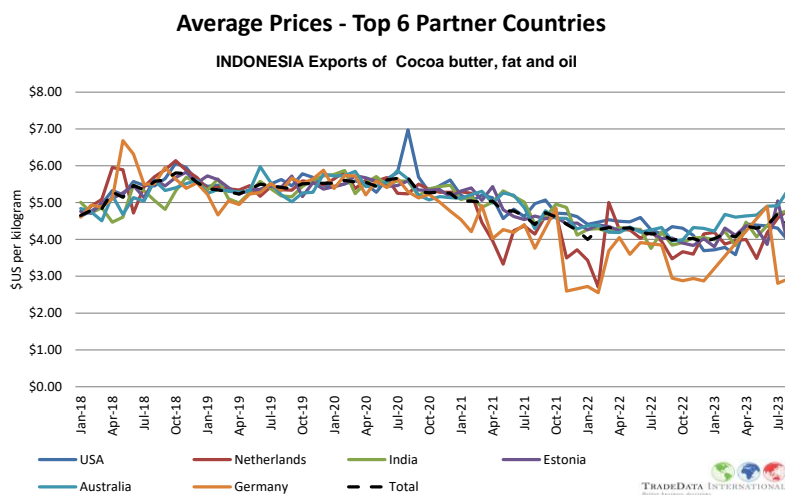


The excel file enables the user to select a particular destination country and then redraw this Price&Quantity chart to only include exports to the selected country. The chart below lists Price and Quantity where exports only to the USA are selected. Exports are seasonal usually increasing throughout the middle and end of each year before declining sharply early in each year. This pattern of higher followed by lower volumes is repeated. Average export prices have declined substantially over the last two years but risen slightly in recent months.



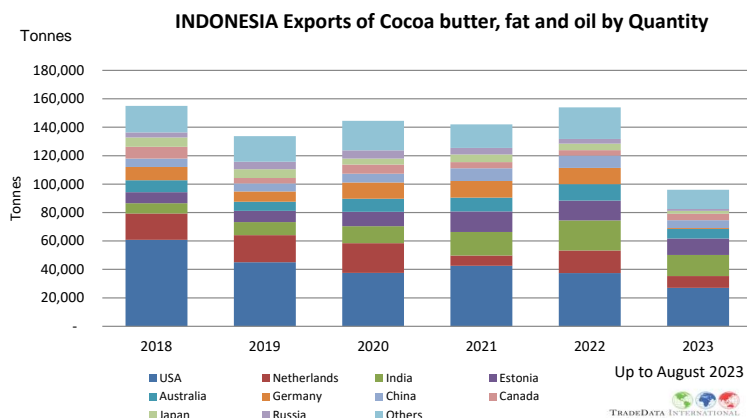
Average Prices – Top Six Destination Countries over Time

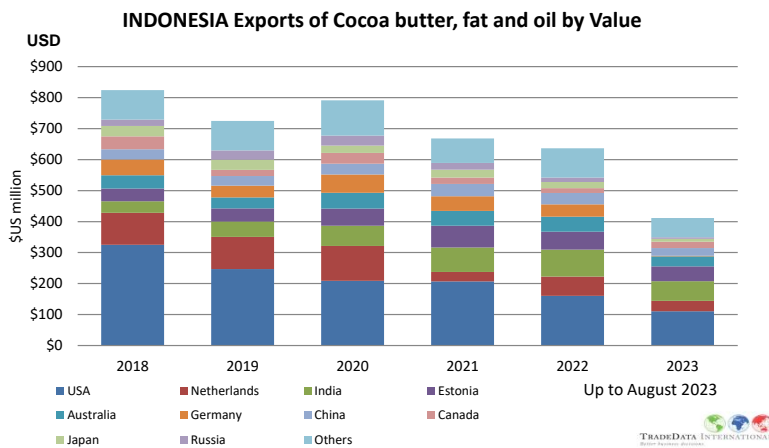
The following chart list average prices over time for the Top 6 destination countries for Indonesia. Prices mostly move in a narrow band to the different destination countries. Between late 2019 and early 2-23 export prices have fallen. Average export prices to Germany and the Netherlands are well below average.



Major Destination Countries

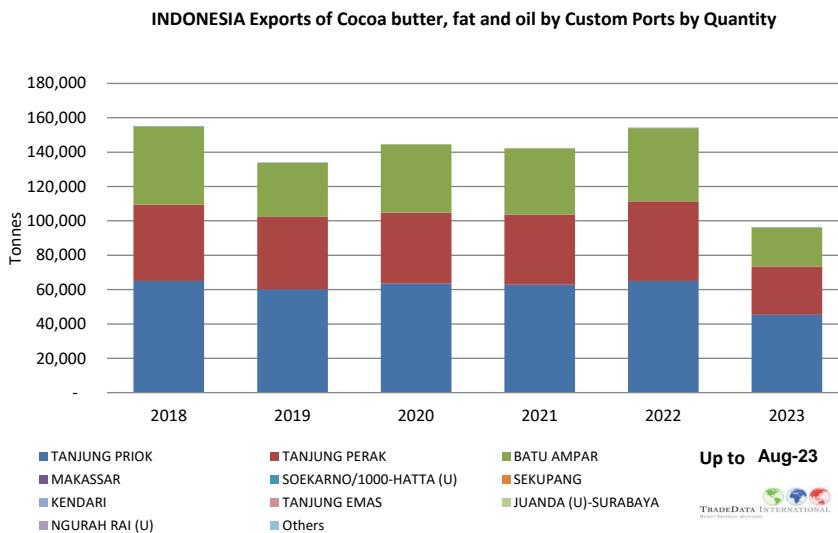
The following two charts list annually the top ten destination countries for Indonesia both in volume and value terms. These charts draw the major destination countries market shares over time.





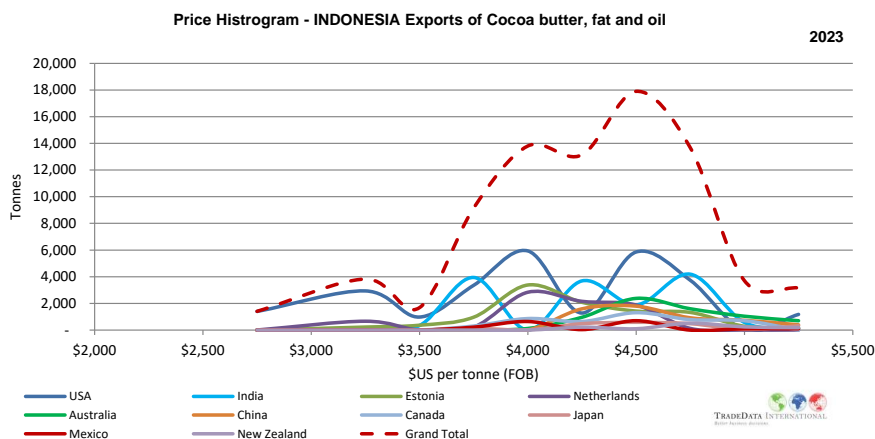
Exports Volumes by Ports of Loading in Indonesia

The following charts lists the Ports of Loading in Indonesia where exports depart. Tanjung Priok, Batu Ampar and Tanjung Perak are the major load ports.



Market Segments

The following chart lists a Price Histogram by Country. This shows thus far in 2023 the volumes exported at different price points and which major destination country purchased at these price points. The Excel file enables the user to select different years and to the chart will redraw itself accordingly. Exports to different countries are sold across a wide range of prices from below \$US 3,000 and above \$US 5,000 per tonne.



Two Typical Transactions

The following table list two typical data transactions as found in the Indonesia export data set.

HS Code	18040000	18040000
TradeType	Exports	Exports
Year	2020	2020
Month	04	04
HS Code Description	Cocoa butter, fat and oil	Cocoa butter, fat and oil
Reporting_Country	INDONESIA	INDONESIA
Reporting_Country_strd	INDONESIA	INDONESIA
Partner_Country	UNITED ARAB EMIRATES	AUSTRALIA
Partner_Country_strd	Un Arab Emir	Australia
Value Unit	USD	USD
Value_FOB	\$1,050,200.00	\$1,371,047.49
Value_AUD	\$1,670,553.14	\$2,180,925.24
Value_Euro	966,078.98	1,261,226.59
Value_USD	\$1,050,200.00	\$1,371,047.49
Quantity1 Unit	Kg	Kg
Quantity1	178,000	280,000
Quantity2 Unit	KG	KG
Quantity2	0	0
Port	TANJUNG PRIOK	TANJUNG PRIOK
Date	Apr-20	Apr-20
Province	Jakarta	Jakarta
Mode_of_Transport	Sea	Sea

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