

## 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 | Germany     | Australia   | Estonia     | India       | Canada    | Japan     | China     | Russia    | Others       | Total        |
|--------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|-----------|-----------|-----------|--------------|--------------|
| Jun-20 | CIF per Kg | \$5.64      | \$5.68      | \$5.41      | \$5.57      | \$5.44      | \$5.47      | \$5.54    | \$5.76    | \$5.85    | #DIV/0!   | #DIV/0!      | \$5.61       |
|        | Quantity   | 2,419,500.0 | 1,543,000.0 | 160,000.0   | 1,580,020.0 | 450,000.0   | 1,420,000.0 | 500,000.0 | 400,000.0 | 732,000.0 | 0.0       | 47,414,957.3 | 56,619,477.3 |
| Jul-20 | CIF per Kg | \$5.81      | \$5.25      | \$5.65      | \$5.87      | \$5.46      | \$5.59      | \$5.42    | \$5.98    | \$6.36    | \$6.34    | #DIV/0!      | \$5.66       |
|        | Quantity   | 2,740,000.0 | 3,100,000.0 | 140,000.0   | 1,114,040.0 | 300,000.0   | 998,000.0   | 640,000.0 | 440,128.0 | 722,500.0 | 578,600.0 | 55,019,171.4 | 65,792,439.4 |
| Aug-20 | CIF per Kg | \$6.97      | \$5.24      | \$5.30      | \$5.64      | \$5.59      | \$5.58      | \$5.45    | \$6.29    | \$5.44    | \$6.07    | #DIV/0!      | \$5.67       |
|        | Quantity   | 1,280,000.0 | 2,479,250.0 | 1,680,000.0 | 860,020.0   | 1,420,000.0 | 658,000.0   | 100,000.0 | 220,000.0 | 610,000.0 | 470,800.0 | 53,733,575.3 | 63,511,645.3 |

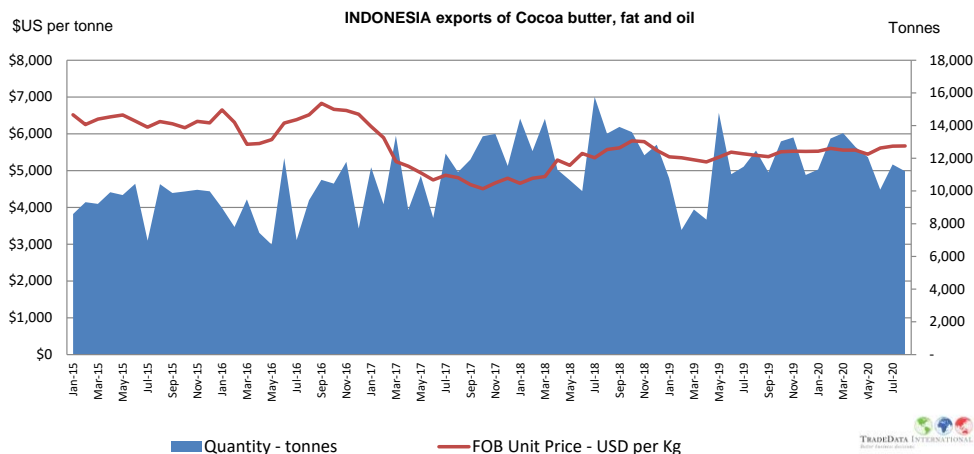
### Details

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

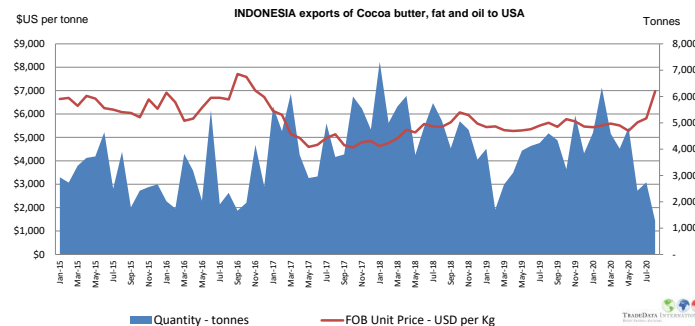
| Date   | Partner_Country_strd | Port          | Mode_of_Transport | Sum Quantity | Sum ValueUSD | Unit Price FOB USD per KG |
|--------|----------------------|---------------|-------------------|--------------|--------------|---------------------------|
| Aug-20 | Netherlands          | TANJUNG PRIOK | Sea               | 1,899,250    | 9,842,308    | \$5.18                    |
|        |                      | TANJUNG PERAK | Sea               | 580,000      | 3,145,300    | \$5.42                    |
|        | Germany              | TANJUNG PRIOK | Sea               | 1,080,000    | 5,668,746    | \$5.25                    |
|        |                      | BATU AMPAR    | Sea               | 600,000      | 3,235,980    | \$5.39                    |

### 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 increasing up until the end of 2018 before declining by around 50 per cent in early 2019. Since then they have recovered somewhat but are still less than 2018 levels by the end of 2019. They have declined again in the middle of 2020. Average prices fell during 2017, recovered in 2018 and declined slightly in 2019 and stabilised since then.

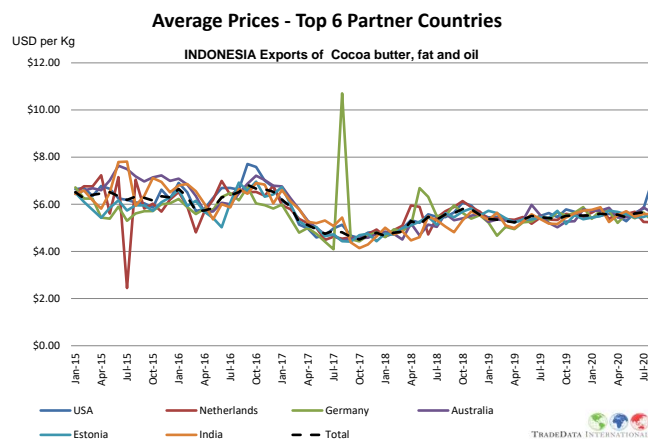


The excel file enables the user to select a particular destination country and then redraw this Price&Quantity chart to only include exports to the selected country. The chart below lists Price and Quantity where exports only to the USA are selected. Export volumes increased strongly throughout 2017 associated with lower prices. The reverse occurred in the second half of 2018 and early into 2019, where export volumes decreased sharply. Exports volumes to the USA increased again in the second half of 2019 before declining again thus far in 2020.



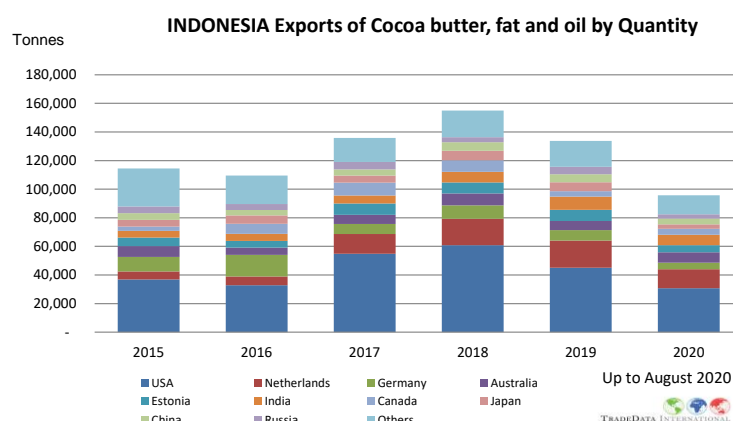
### Average Prices – Top Six Destination Countries over Time

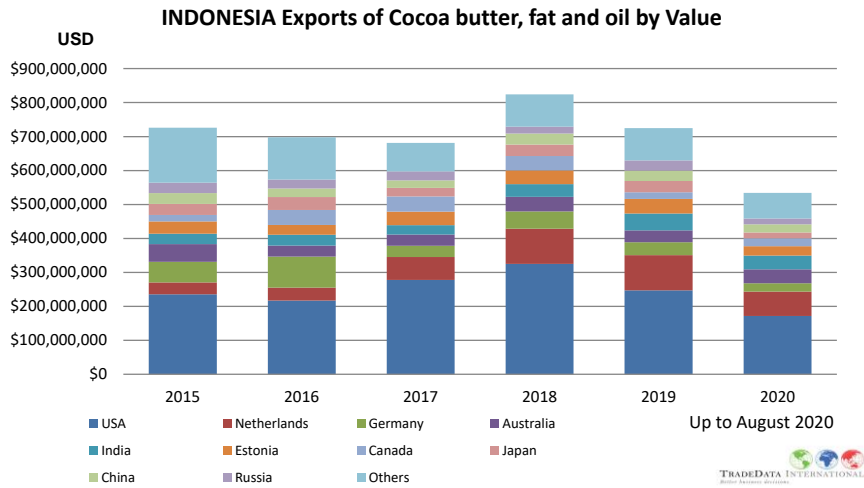
The following chart list average prices over time for the Top 6 destination countries for Indonesia. Prices mostly move in a narrow band to the different destination countries and have been fairly stable since early 2019.



### Major Destination Countries

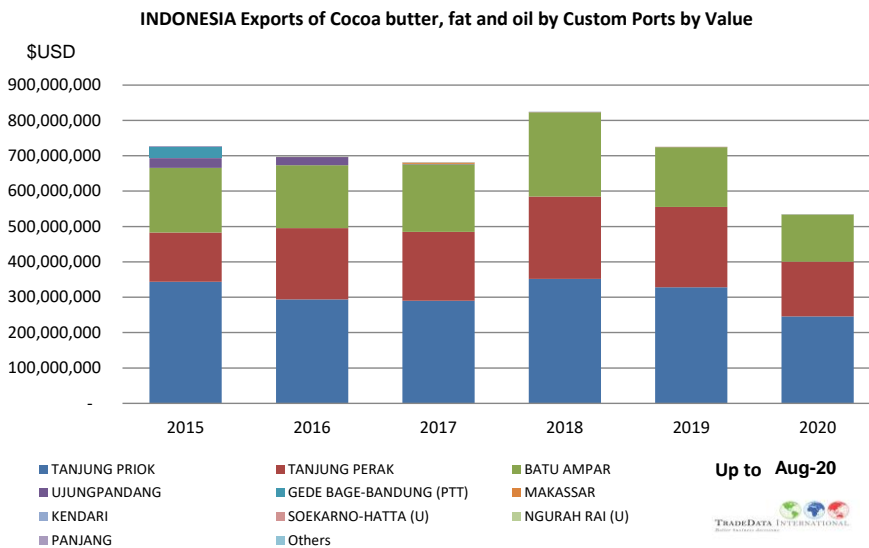
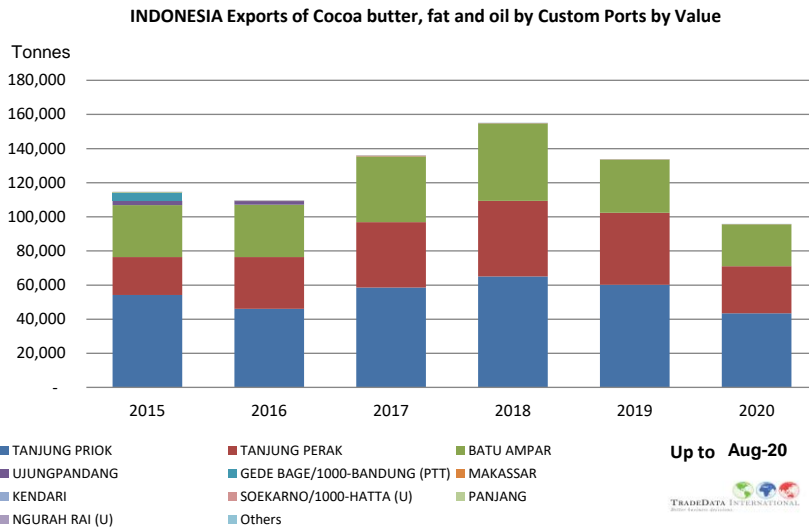
The following two charts list annually the top ten destination countries for Indonesia both in volume and value terms. These charts draw the major destination countries market shares over time.





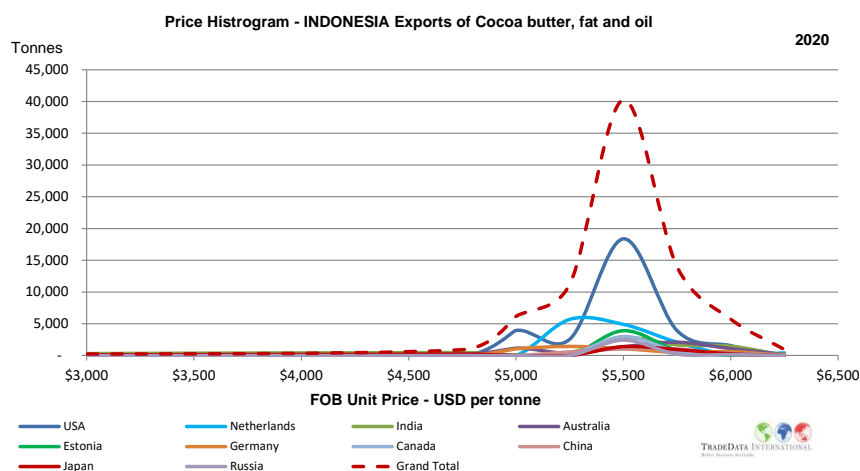
## Exports Volumes by Ports of Loading in Indonesia

The following charts lists the Ports of Loading in Indonesia where exports depart on a volume and value basis respectively. 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 during 2020 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.



## 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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