

SAMPLE FILE – New Zealand Exports of Skimmed milk powder, fat content not over 1.5%

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 New Zealand. The product chosen was **Skimmed milk powder, fat content not over 1.5%**. 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 this paper there is listed two typical export transactions to demonstrate the underlying export information that is available.

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 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.

Top 10 Destination Countries for New Zealand Exports for Skimmed milk powder, fat content not over 1.5%

		China	Malaysia	Philippines	Indonesia	Singapore	Thailand	Taiwan	Viet Nam	Japan	Saudi Arabia	Others	Total
Jun-23	FOB per Tonnes	\$4,716.69	\$4,892.96	\$5,598.28	\$4,484.63	\$5,122.18	\$3,477.28	\$4,737.84	\$4,699.75	\$4,774.85	\$4,511.16	\$4,707.25	\$4,707.25
	Quantity	18,905.9	5,264.4	1,676.1	2,026.3	647.8	2,528.2	1,803.0	1,514.2	3,368.6	418.0	1,510.5	39,663.0
Jul-23	FOB per Tonnes	\$4,737.81	\$4,992.27	\$5,795.59	\$4,701.23	\$5,071.82	\$3,427.79	\$4,542.94	\$4,541.97	\$4,870.27	\$4,691.98	\$4,632.58	\$4,632.58
	Quantity	5,595.9	2,822.7	1,138.6	230.4	742.9	3,041.9	1,080.5	710.4	1,778.2	724.1	1,009.7	18,875.2
Aug-23	FOB per Tonnes	\$4,558.04	\$4,741.08	\$5,638.21	\$4,538.02	\$4,599.30	\$3,202.28	\$5,278.64	\$4,609.28	\$4,792.64	\$4,687.23	\$4,540.46	\$4,540.46
	Quantity	5,585.1	2,491.2	811.0	248.9	163.2	2,317.7	650.7	329.4	494.2	525.9	1,730.5	15,347.5

Details

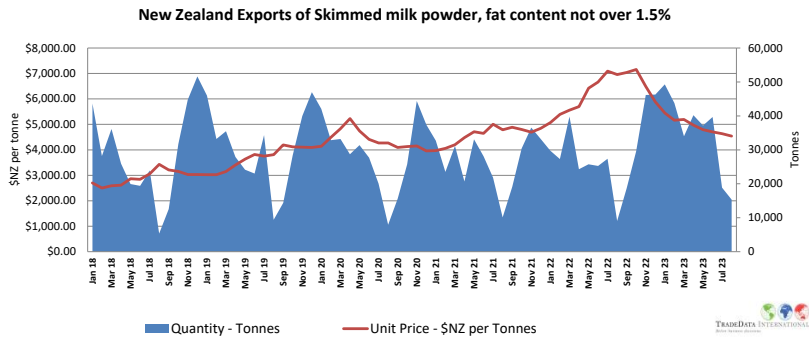
There is a worksheet in the excel file that lists Port to Port details by country and average prices each month. A small sample is below.

Code	0402100002	▼
TradeType	Exports	▼
Year	(Multiple Items)	▼
Description	Skimmed milk powder, fat content not over 1.5%	▼
Reporting_Country_strd	New Zealand	▼
Quantity1 Unit	Tonnes	▼

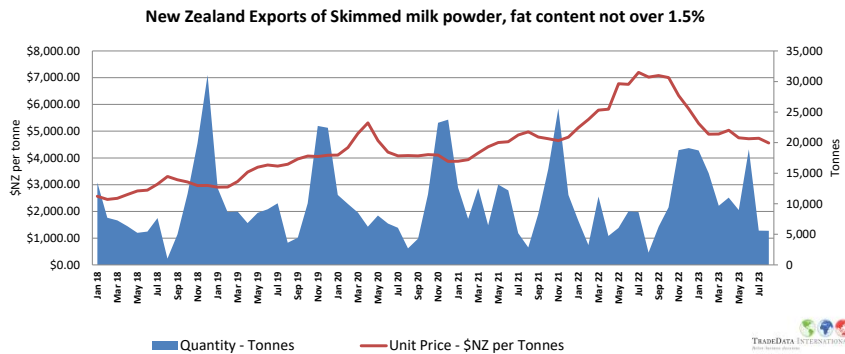
Date	Partner_Country_strd	Port_OS	Port	Mode_of_Transp	Data		FOB Unit Price	
					Sum of Quantity1	Sum of Value_FOE		
Aug-23	China	Tanjung Pelepas	Dunedin Seaport (Port Ch)	SEA	428	2,035,864	\$4,752.25	
			Tauranga Seaport	SEA	706	3,210,598	\$4,546.14	
			Shanghai	Auckland Seaport	SEA	24	202,539	\$8,272.30
			Singapore	Tauranga Seaport	SEA	81	379,239	\$4,681.96
			Christchurch Seaport (Lyt)	SEA	175	799,278	\$4,555.59	
			Melbourne	Timaru	SEA	25	116,915	\$4,639.48
			Sydney	Dunedin Seaport (Port Ch)	SEA	76	374,838	\$4,958.17
			Tauranga Seaport	SEA	286	1,285,066	\$4,486.71	
			Brisbane	Dunedin Seaport (Port Ch)	SEA	25	112,605	\$4,468.45
			Hong Kong	Tauranga Seaport	SEA	1,288	5,608,277	\$4,354.84
	Indonesia	Tanjung Pelepas	Auckland Seaport	SEA	1	9,190	\$8,147.16	
			Tauranga Seaport	SEA	2,468	11,322,588	\$4,587.48	
			Dunedin Seaport (Port Ch)	SEA	461	2,102,576	\$4,563.13	
			Tauranga Seaport	SEA	137	628,744	\$4,596.08	
			Singapore	Tauranga Seaport	SEA	1,169	5,713,340	\$4,885.81
			Hong Kong	Tauranga Seaport	SEA	306	1,374,817	\$4,492.87
			Jakarta	Tauranga Seaport	SEA	36	173,292	\$4,813.67
			Christchurch Seaport (Lyt)	SEA	364	1,735,688	\$4,765.43	
			Shanghai Hongqiao Inte	Tauranga Seaport	SEA	18	82,402	\$4,577.89
			Singapore	Dunedin Seaport (Port Ch)	SEA	18	86,822	\$4,823.44
Singapore	Singapore	Tauranga Seaport	SEA	1,725	5,520,131	\$3,200.40		
		Auckland Seaport	SEA	119	234,487	\$1,973.80		
		Christchurch Seaport (Lyt)	SEA	368	1,313,387	\$3,566.08		

Price and Quantity

The next chart shows monthly movement in export volumes - the blue shaded area of the chart - and average prices. The red line shows average prices without Transport and Insurance Costs (FOB values). The chart shows exports to be highly seasonal with peak sales near the end/start of each year. There are lower export volumes through the middle of the year. Average prices rose strongly in 2022 up to \$NZ 7,000 a tonne by year's end. Average prices have subsequently declined back to previous levels by the middle of 2023.



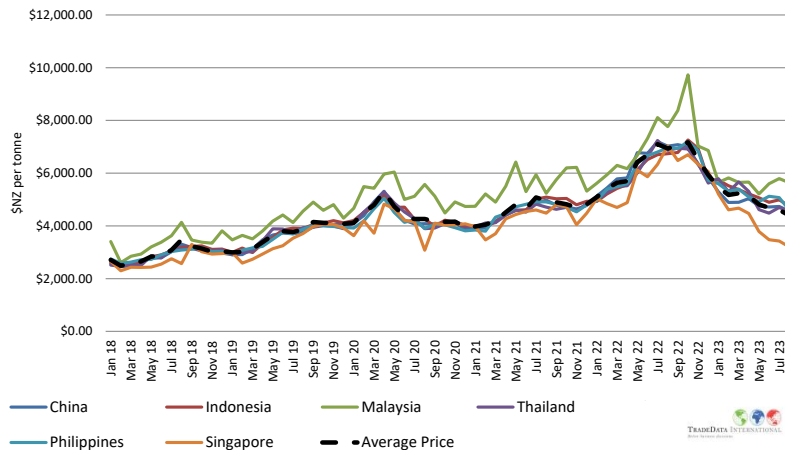
The excel file enables the user to select a destination and then redraws this Price & Quantity chart only including exports to the selected country. The chart below lists Price and Quantity where export only to China is selected. This shows a more pronounced seasonal pattern and also show export volumes and prices to China increasing in recent years. Average prices in 2022 are around \$NZ 7,000 per tonne before declining in n 2023.



Average Prices – Top Six Destination Countries

The following chart list average prices over time for the Top 6 destination countries. In the last couple of years, the price of exports to Malaysia have been above average and to Singapore below average.

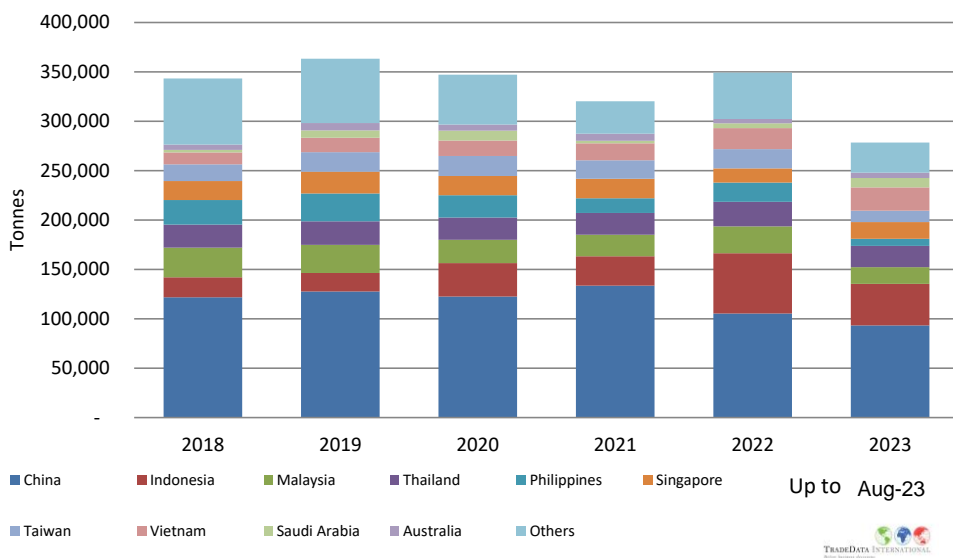
Average Prices - Top 6 Origin Countries - Skimmed milk powder, fat content not over 1.5%



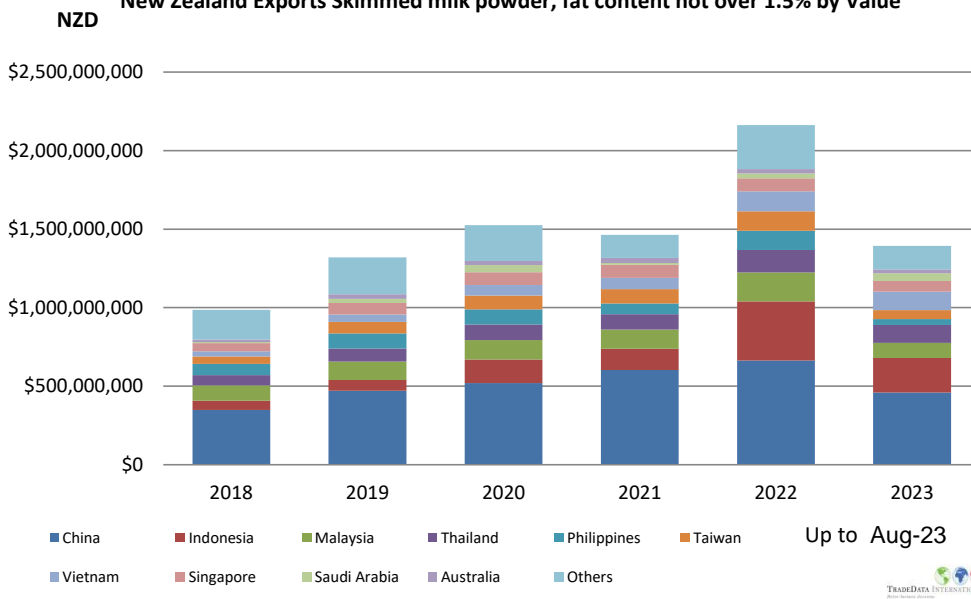
Major Destination Countries

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. Export volumes declined slowly between 2019 and 2021 before increasing in 2022. The increase in 2022 volumes was accompanied by sharply higher prices leading to a large increase in export values in that year.

New Zealand Exports of Skimmed milk powder, fat content not over 1.5% by Quantity

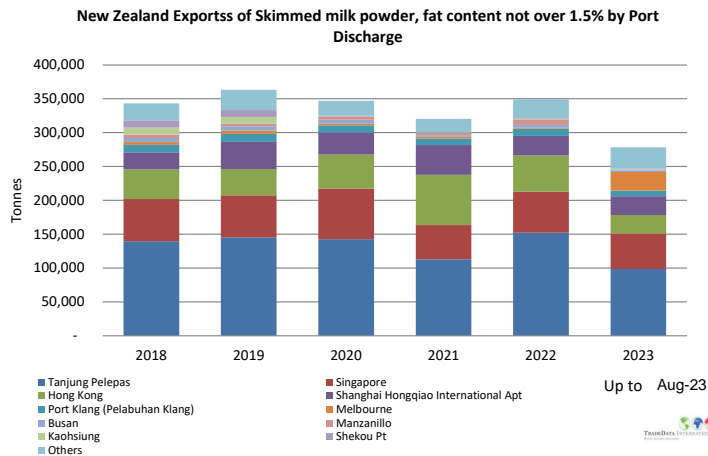
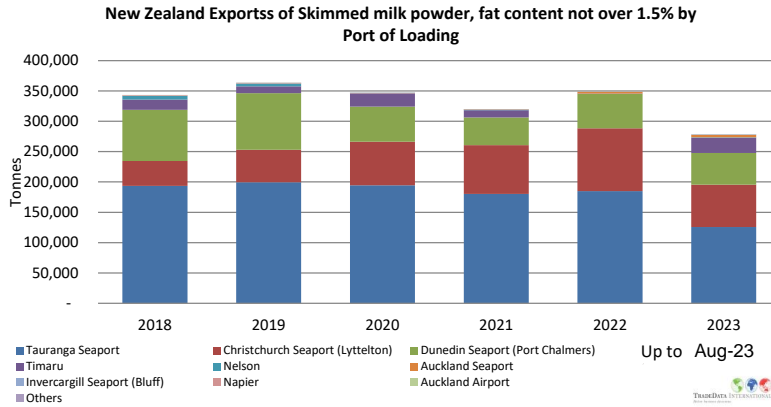


New Zealand Exports Skimmed milk powder, fat content not over 1.5% by Value



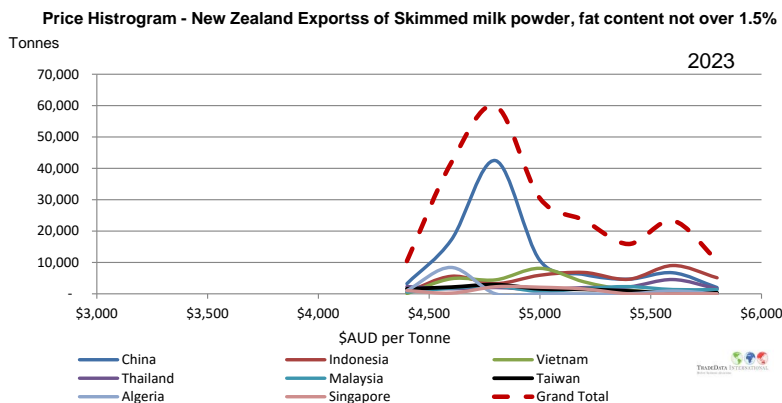
Exports Volumes by Ports of Loading and Discharge

The following two charts list the Port of Loading (in New Zealand) where exports are loaded and the Ports of Discharge overseas. Most exports are loaded in Tauranga, Dunedin and Christchurch and are sea freighted. There has been a changing mix of major overseas ports of discharge. In recent years Tanjung Pelepas, Singapore and Hong Kong have been the major discharge ports.



Market Segments

The following chart lists a Price Histogram by Country. This shows in 2022, 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 to the chart will redraw itself accordingly. The chart shows the major export markets in 2023 mostly purchase at prices between NZD 4,500 and NZD 5,000 per tonne. There is also a smaller higher priced export market around \$US 5,700 per tonne. China is the largest importer.



Two Typical Transactions

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

Code	0402100002	0402100002
TradeType	Exports	Exports
Year	2023	2023
Month	02	02
Description	Skimmed milk powder, fat content not over 1.5%	Skimmed milk powder, fat content not over 1.5%
Reporting_Country	New Zealand	New Zealand
Reporting_Country_strd	New Zealand	New Zealand
Partner_Country	Korea, Republic of	Malaysia
Partner_Country_strd	South Korea	Malaysia
Value Unit	NZD	NZD
Value_FOB	\$104,500.00	\$508,242.00
Value_AUD	\$95,286.75	\$463,432.83
Value_Euro	61351.52	298386.82
Value_USD	\$65,715.00	\$319,608.85
Quantity1 Unit	Tonnes	Tonnes
Quantity1	21.6	90
Quantity2 Unit	Kilograms	Kilograms
Quantity2	21902	91261
Port	Tauranga Seaport	Auckland Airport
Date	44958	44958
Port_OS	Busan	Kuala Lumpur
Mode_of_Transport	SEA	AIR

Please Note: with New Zealand import or export statistics it is not possible to obtain company details associated with international trade due to strict privacy laws.

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