

## SAMPLE FILE - Japan Imports of Tubes and pipes of refined copper

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 imported into Japan. The product chosen was Tubes and pipes of refined copper. 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 are listed two typical import transactions to demonstrate the underlying import 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 supply countries in terms of volumes, as well as average prices per month. This table provides a convenient summary of month to month movements in imports. 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.

		Spain	Italy	Turkey	Greece	Tunisia	Australia	Chile	Portugal	France	U.S.A.	Others	Total
Dec-22	CIF per Tonne	\$14,938.76	\$15,145.16	\$13,483.60	\$14,917.86	\$21,262.89	\$122,782.52	\$36,040.97	\$62,841.71	#DIV/0!	#DIV/0!	\$14,939.35	\$14,984.47
	Quantity	495.0	256.2	85.1	20.3	8.6	0.1	1.7	0.2	0.0	0.0	0.3	867.5
Jan-23	CIF per Tonne	\$15,164.05	\$15,642.58	\$13,255.45	\$14,915.27	\$21,372.00	\$24,611.49	\$36,303.89	\$57,529.32	#DIV/0!	#DIV/0!	\$15,164.05	\$14,975.02
	Quantity	840.6	236.3	299.3	6.5	7.0	10.0	3.5	0.1	0.0	0.0	0.0	1,403.3
Feb-23	CIF per Tonne	\$14,132.97	\$15,961.57	\$13,207.60	\$15,298.73	\$20,479.16	\$25,937.36	\$35,811.08	#DIV/0!	#DIV/0!	#DIV/0!	\$14,142.57	\$14,580.34
	Quantity	415.0	230.7	231.2	12.9	10.3	3.2	3.5	0.0	0.0	0.0	0.0	906.8

### Details

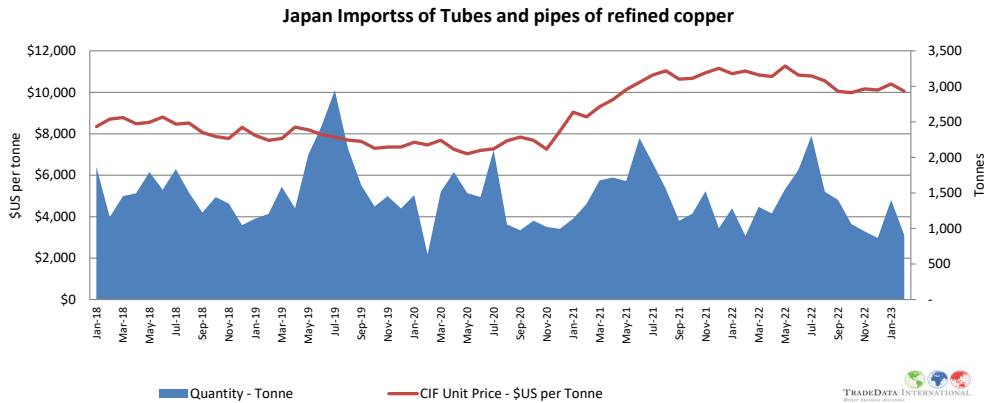
There is a worksheet in the excel file that lists Japan details by country and average prices each month. Note, these are prices at landed cost in Japan (CIF) and include transport and insurance costs. A small sample is below.

Code	741110000	
TradeType	Imports	
Year	2022	
Description	Tubes and pipes	refined copper
Reporting_Country_strd	Japan	

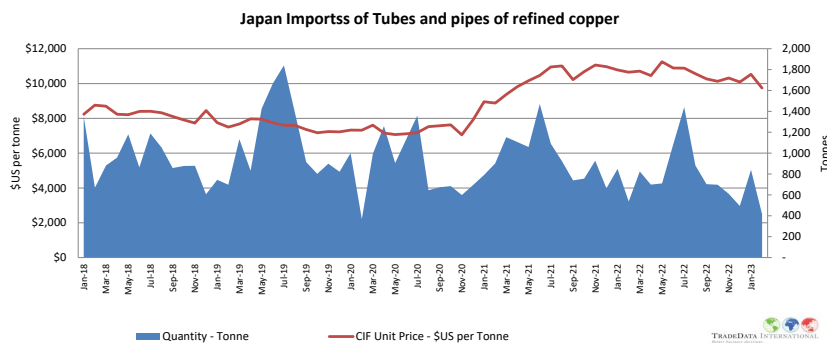
Date	Country	Quantity1 Unit	Port	Mode Transport	Data		\$US Unit Price CIF
					Sum of Quantity1	Sum of Value_USD	
Dec-22	China	Tonne	TOKYO	SEA	145	1,562,662	\$10,793.80
			KOBE	SEA	100	979,186	\$9,811.19
			OSAKA	SEA	98	982,091	\$9,974.31
			MOJI	SEA	92	858,048	\$9,353.04
			HAKATA	SEA	42	425,353	\$10,064.19
			NAGOYA	SEA	9	81,562	\$9,359.86
			FUSHIKI	SEA	6	56,528	\$9,320.36
			YOKOHAMA	SEA	3	42,652	\$14,076.43
			KANSAI AIRPORT	AIR	0	3,682	\$21,407.56
			<b>Tonne Total</b>		<b>495</b>	<b>4,991,763</b>	<b>\$10,083.88</b>
	Thailand	Tonne	SHIMIZU	SEA	133	1,359,020	\$10,202.55
			OSAKA	SEA	61	604,331	\$9,868.24
			TOKYO	SEA	34	382,346	\$11,105.66
			NAGOYA	SEA	24	248,857	\$10,171.94
YOKOHAMA			SEA	3	24,374	\$8,588.60	
<b>Tonne Total</b>		<b>256</b>	<b>2,618,928</b>	<b>\$10,223.20</b>			

## Price and Quantity

The next chart shows monthly movement in imports volumes - the blue shaded area of the chart - and in average prices on a CIF basis. CIF prices include transport and insurance costs to ship to Japan. Import volumes are somewhat seasonal with higher volumes in the middle of each year followed by lower volumes. Volumes spiked sharply in the middle of 2022. Average prices increased sharply in 2021 and these have been maintained for most of 2022 before fallen somewhat later in the year and early 2023.

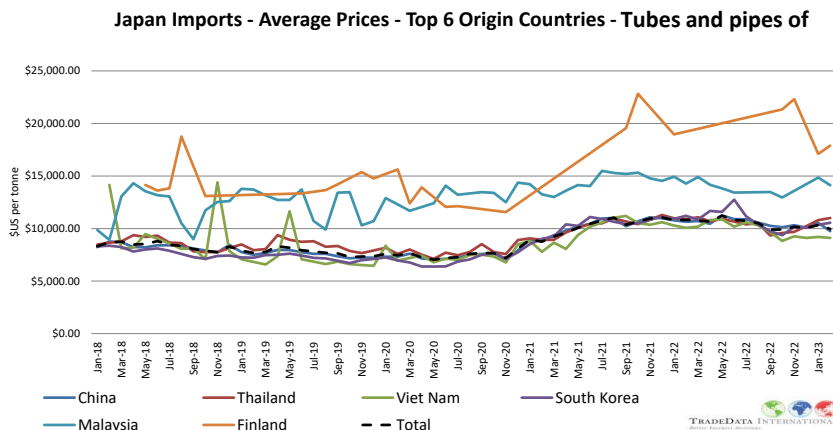


The excel file enables the user to select a supply country and then redraw this Price&Quantity chart to only include imports from the selected country. The chart below lists Price and Quantity where imports only from China are selected. Import volumes from China also show a similar seasonal pattern. Average prices from China increased strongly in 2021 and these higher prices have been maintained in 2022.



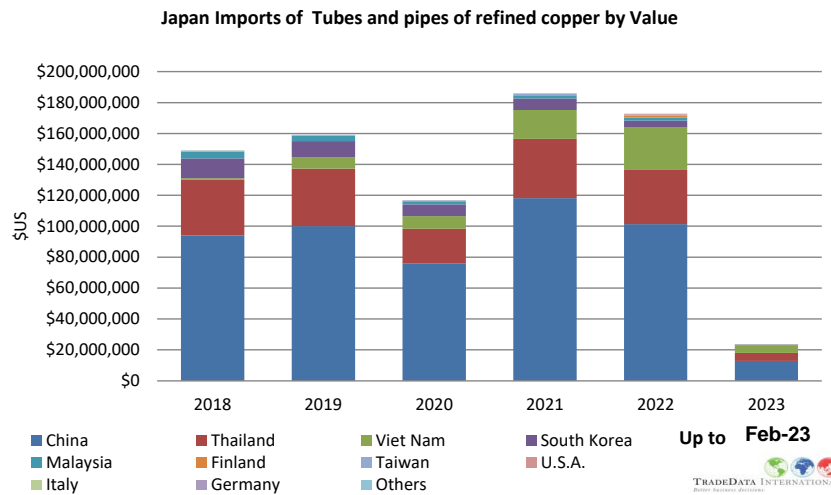
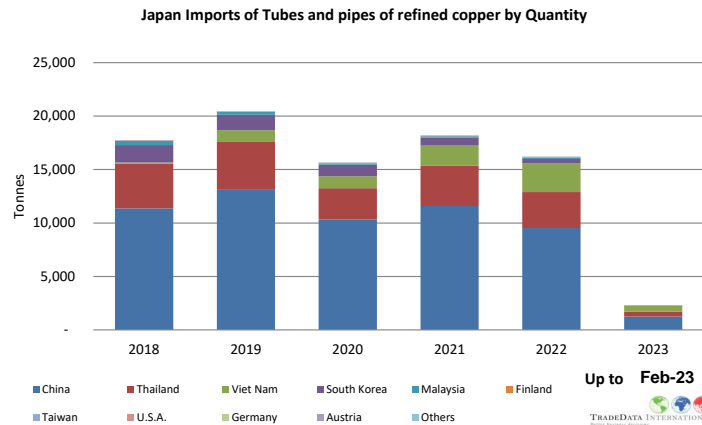
## Average Prices – Top Six Supply Countries over time

The following chart list average prices over time for the Top 6 supply countries to Japan. Imports from Malaysia and Finland are at far higher prices than the other major supply countries.



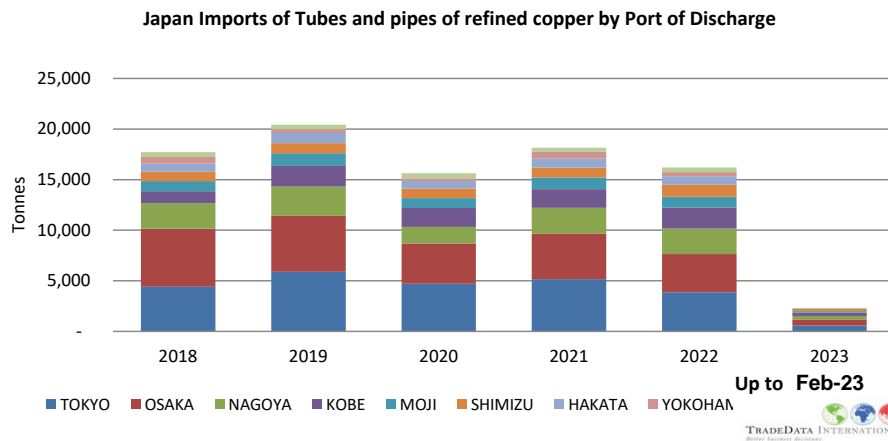
## Major Supply Countries

The following two charts list annually the top ten supply countries to Japan both in volume and value terms. These charts draw the major supply countries market shares over time. Imports sourced from China, Thailand and Vietnam dominate.



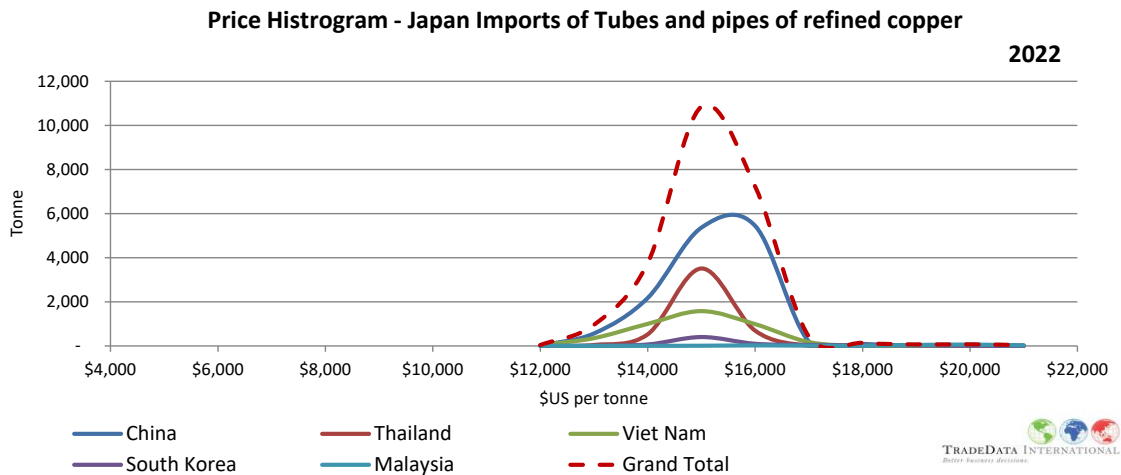
## Imports Volumes by Ports of Discharge in Japan

The following chart list the Ports of Discharge in Japan where imports arrive. The ports of Osaka, Tokyo, Nagoya, and Kobe dominate.



## Market Segments

The following chart lists a Price Histogram by Country. This shows that during 2022 the volumes imported at different price points, and which major supply country supplied at these price points. The Excel file enables the user to select different years and to the chart will redraw itself accordingly. China is the largest supply country and supplies at around \$US 16,000 per tonne. Thailand and Vietnam are also a major supply country and supplies at slightly lower prices around \$US 15,000 per tonne.



## Two Typical Transactions

The following table list two typical data transactions as found in the Japan Import data set.

Code	741110000	741110000	
TradeType	Imports	Imports	
Year	2022	2022	
Month	07	07	
Description	Tubes and pipes of refined copper	Tubes and pipes of refined copper	
Reporting_Country	Japan	Japan	
Reporting_Country_strd	Japan	Japan	
Partner_Country	Thailand	Viet Nam	
Partner_Country_strd	Thailand	Viet Nam	
Value Unit	Yen	Yen	
Value_CIF		84751000	462877000
Value_AUD		\$905,255	\$4,944,152
Value_Euro		608676.86	3324356.26
Value_USD		\$621,054	\$3,391,958
Quantity1 Unit	Tonne	Tonne	
Quantity1		60.6	315.665
Port	YOKOHAMA	NAGOYA	
Mode_of_Transport	SEA	SEA	

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