

## Ontario-U.S. Trade Analytics

Latest Period: August 2025

[Overview](#)[MoM Analysis](#)[State Analysis](#)[Commodity Analysis](#)[Predictive Modelling](#)**\$157.21B**

Total Exports Value

**+\$145.45M**

Exports YoY Change

**\$711.84B**

Exports 3-Y Average

**\$157.21B**

Exports Value YTD

**-\$151.43M**

Total Trade Balance Value

**\$157.36B**

Total Imports Value

**-\$376.31M**

Imports YoY Change

**\$722.03B**

Imports 3-Y Average

**\$157.36B**

Imports Value YTD

**-\$151.43M**

Trade Balance Value YTD

KPI Period

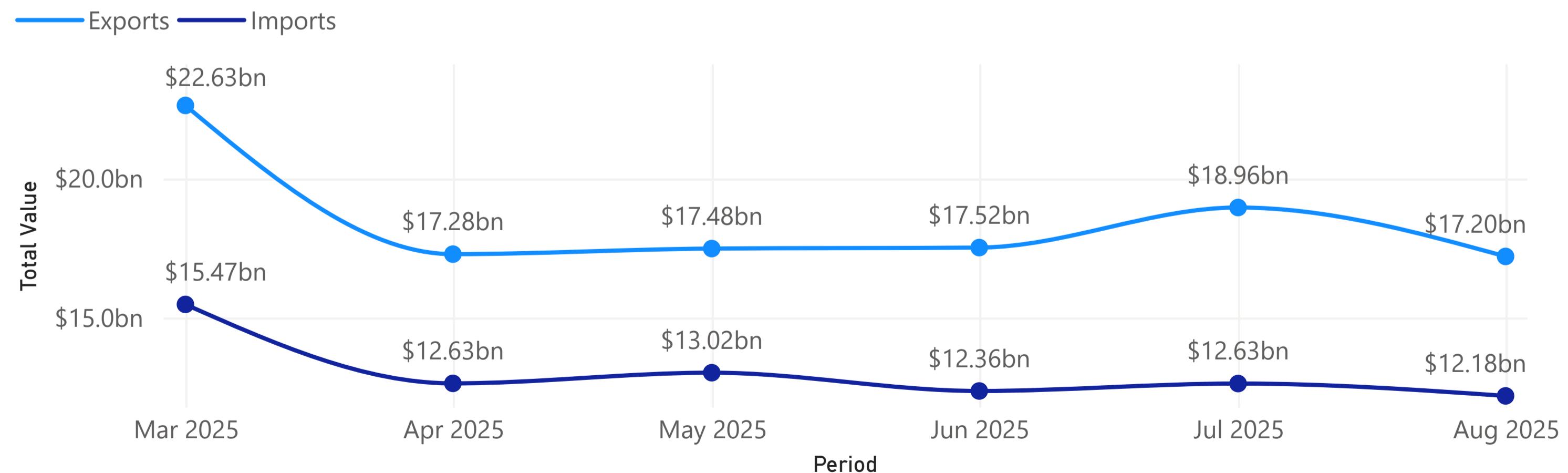
Jul 2025

 Month Quarter Year

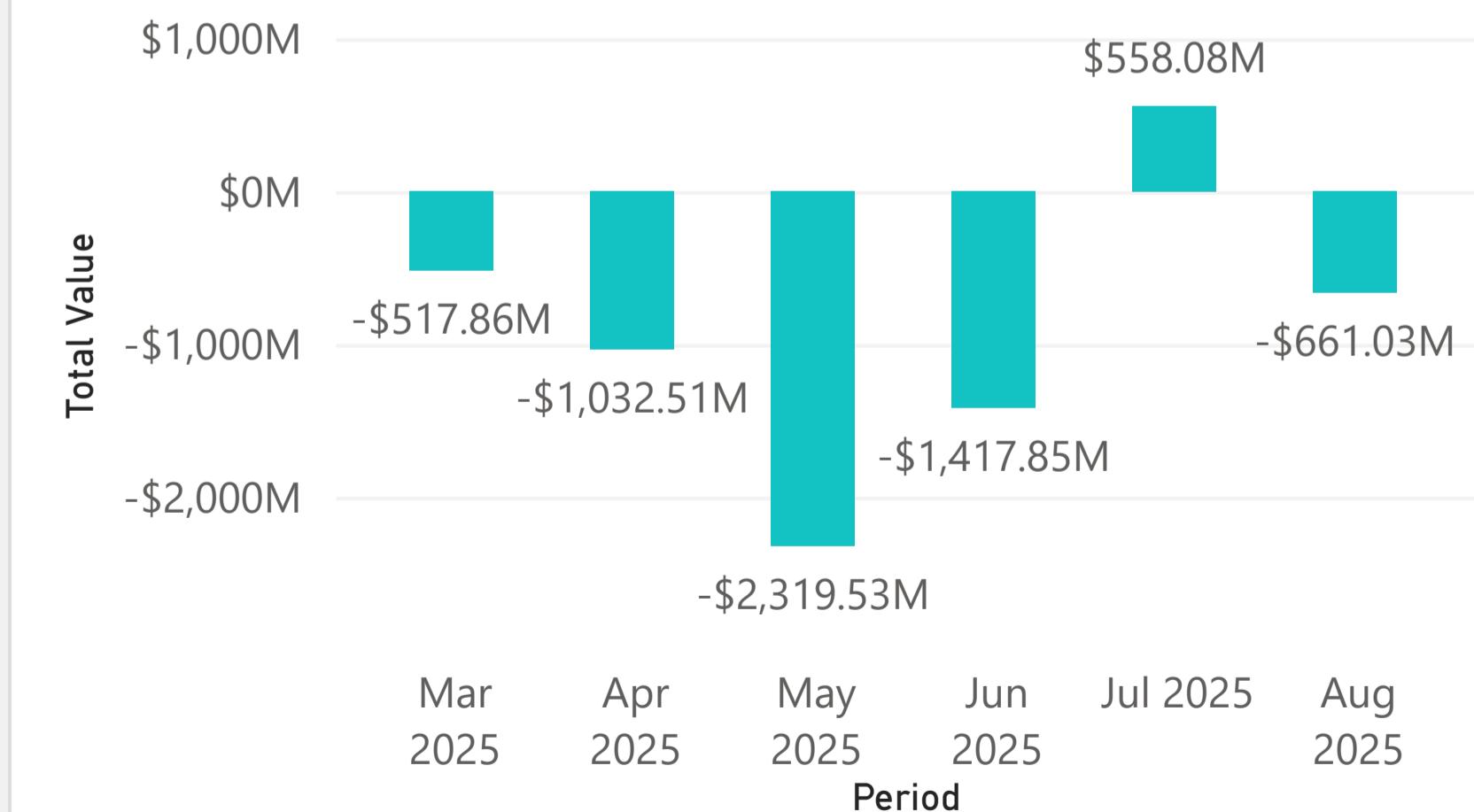
Chart Period

Multiple selections

### Total Trade Value by Period



### Total Trade Balance Value by Period



## Ontario-U.S. Trade Analytics

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### MoM Export Value

**\$1.14M****14.34%**

### MoM Import Value

**-\$0.54M****-3.62%**

### MoM Trade Balance Value

**\$1.69M****-23.84%**

### MoM Trade Percentage Change

Exports — Imports



### Period

8/29/2024 8/1/2025 

### Commodity

- Select all
- Arms and ammunition
- Art and antiques
- Base metals and articles
- Chemical and allied products
- Clocks and watches
- Fats and oils
- Footwear, headgear, and accessories
- Furniture, toys, and miscellaneous goods
- Live animals, meat, fish, dairy, and animal products
- Machinery and electrical equipment

[Trend](#)[Detail](#)

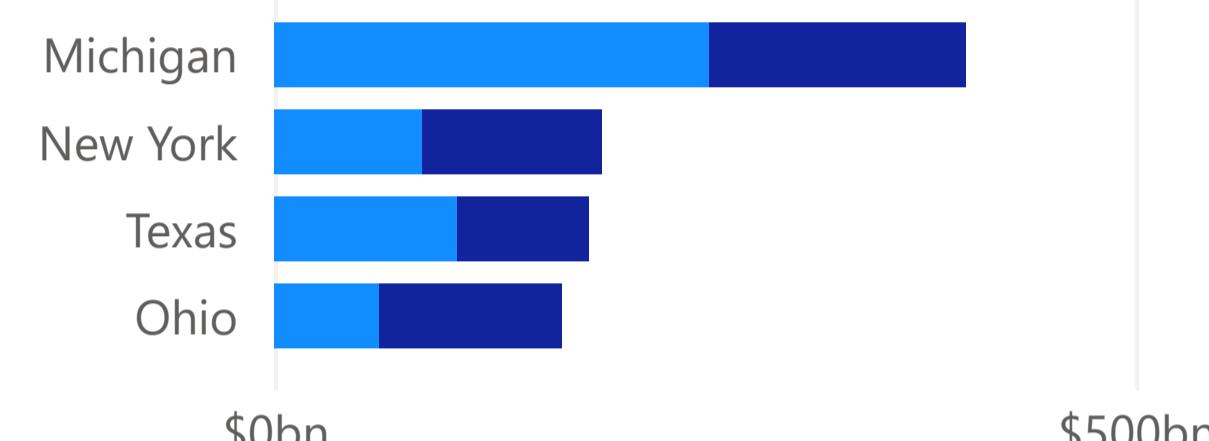
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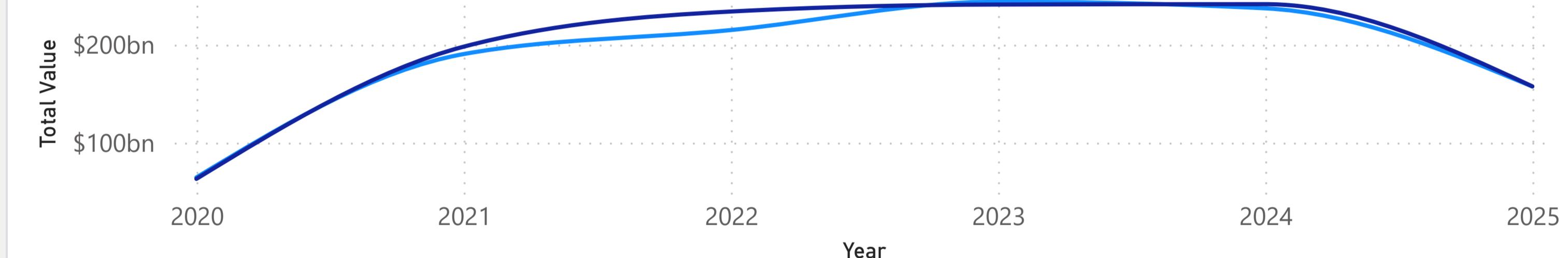
### Total Trade Value by U.S. State

● Export ● Import

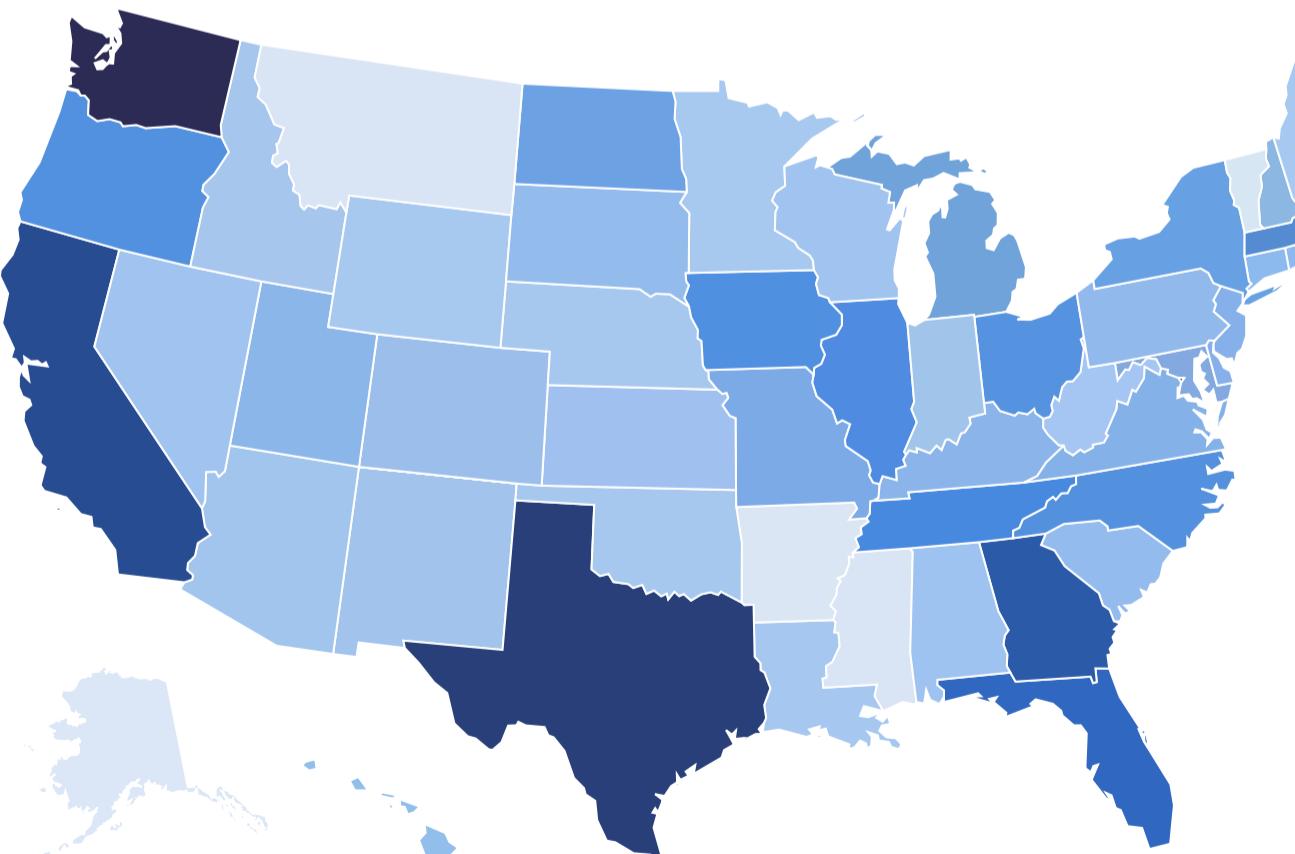


### Total Trade Value by U.S. States

— Export — Import



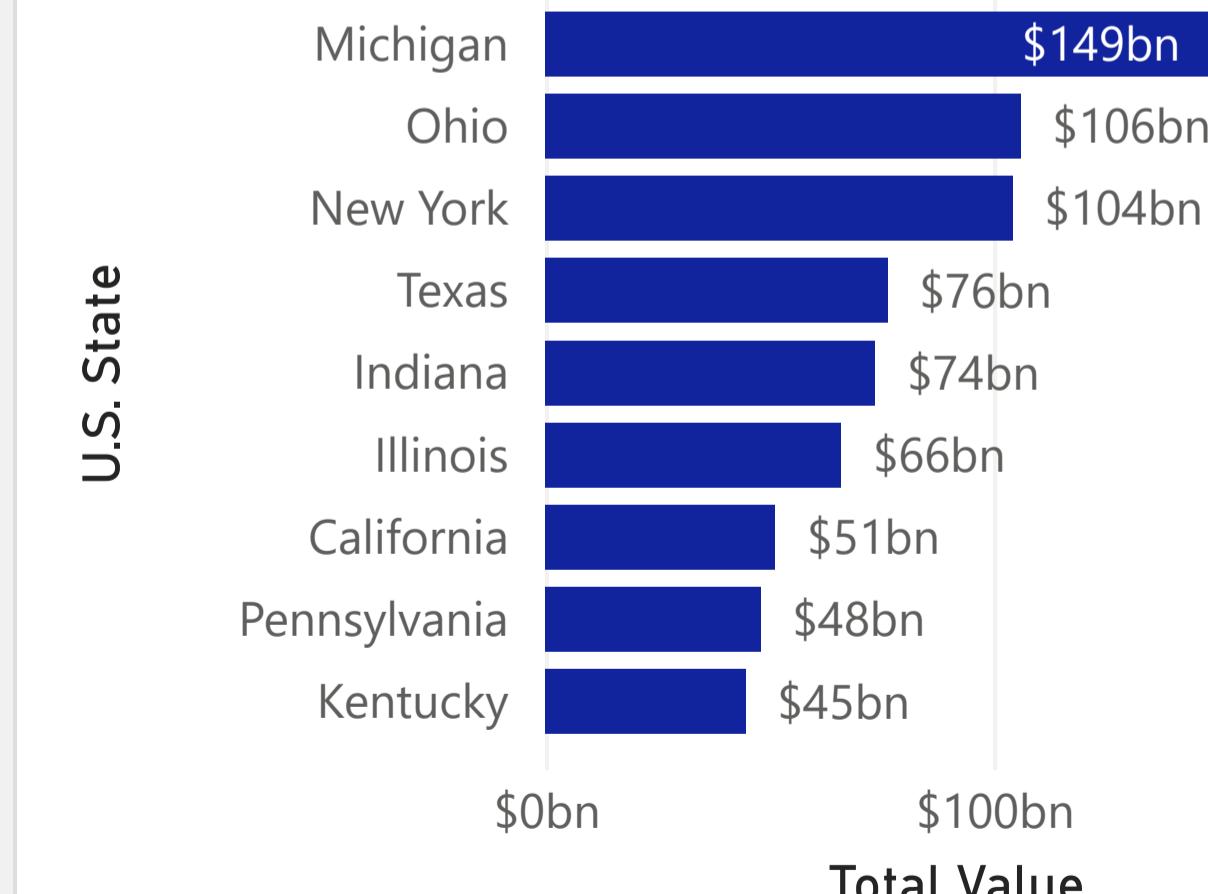
### U.S. States

[All](#)

### Total Export Value by U.S. State



### Total Import Value by U.S. State

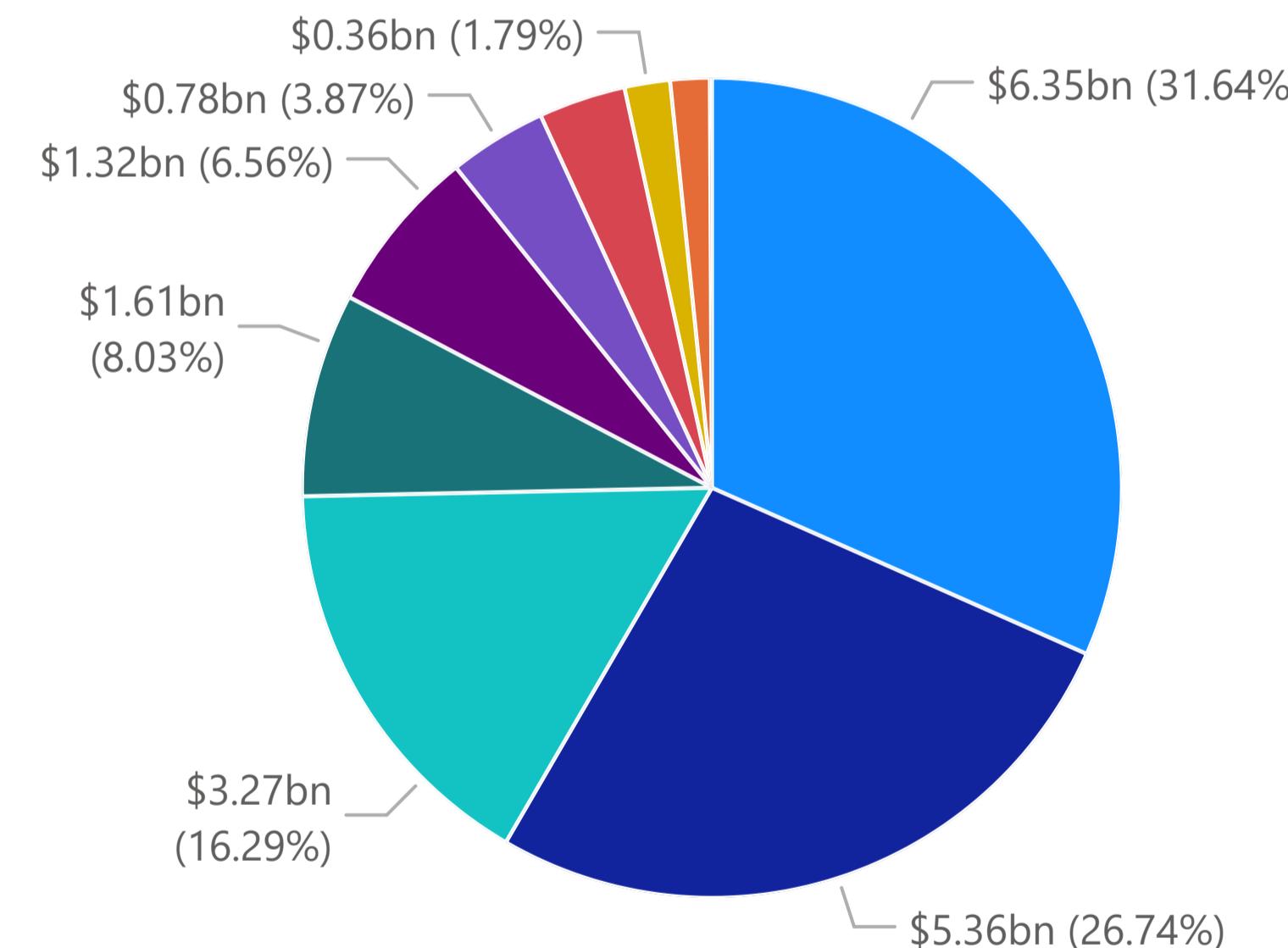


## Ontario-U.S. Trade Analytics

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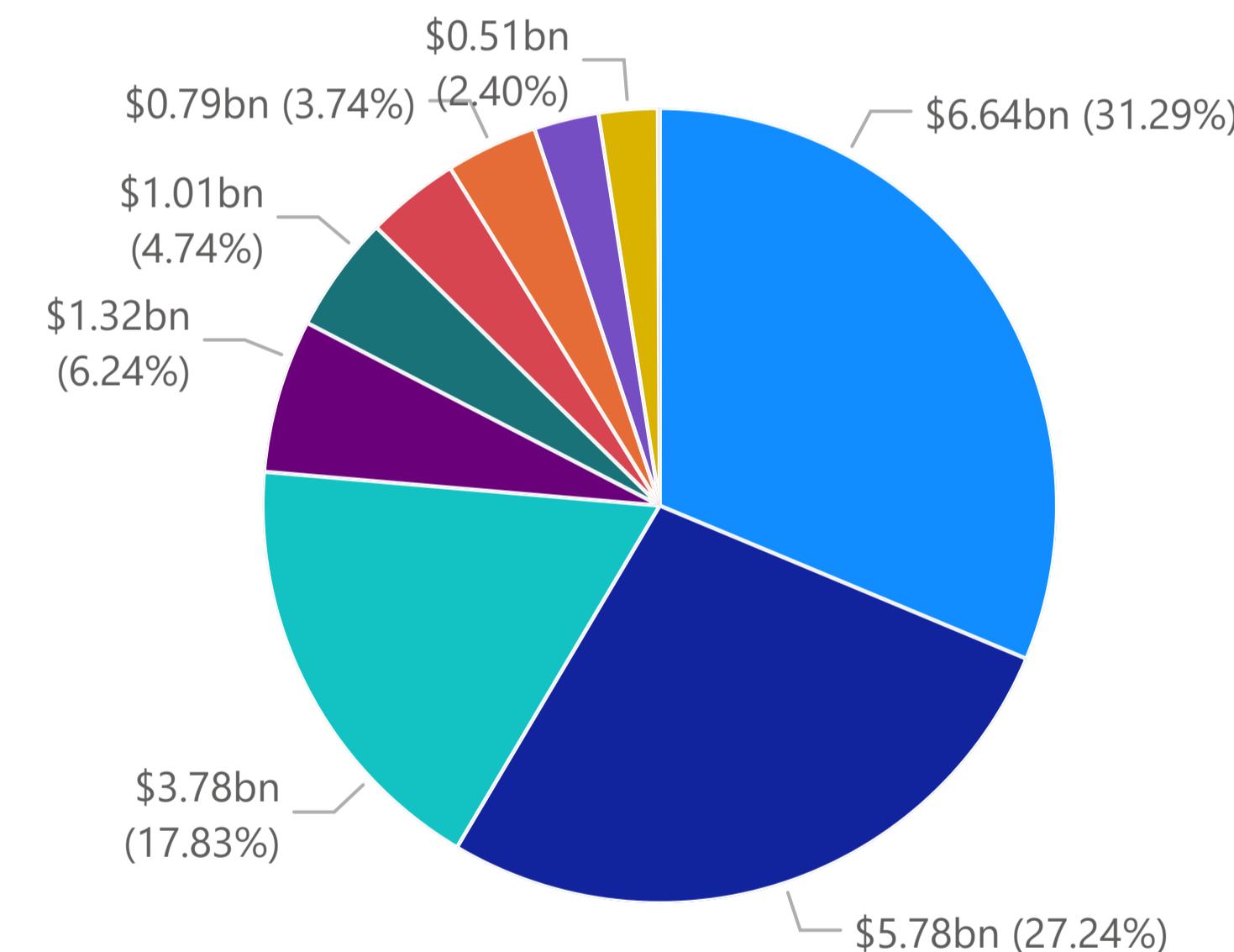
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Total Export Value by Sector



- Materials
- Transportation
- Technology
- Miscellaneous
- Consumer Staples
- Consumer Discretionary
- Agriculture
- Energy
- Defense

Total Import Value by Sector



Period

Jun 2024



- Materials
- Transportation
- Technology
- Consumer Staples
- Miscellaneous
- Agriculture
- Energy
- Consumer Discretionary
- Healthcare
- Defense

# Ontario-U.S. Trade Analytics

Latest Period: August 2025

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## NAPCS Commodity

Aircraft and other transportation equipment and parts 

## ML Model

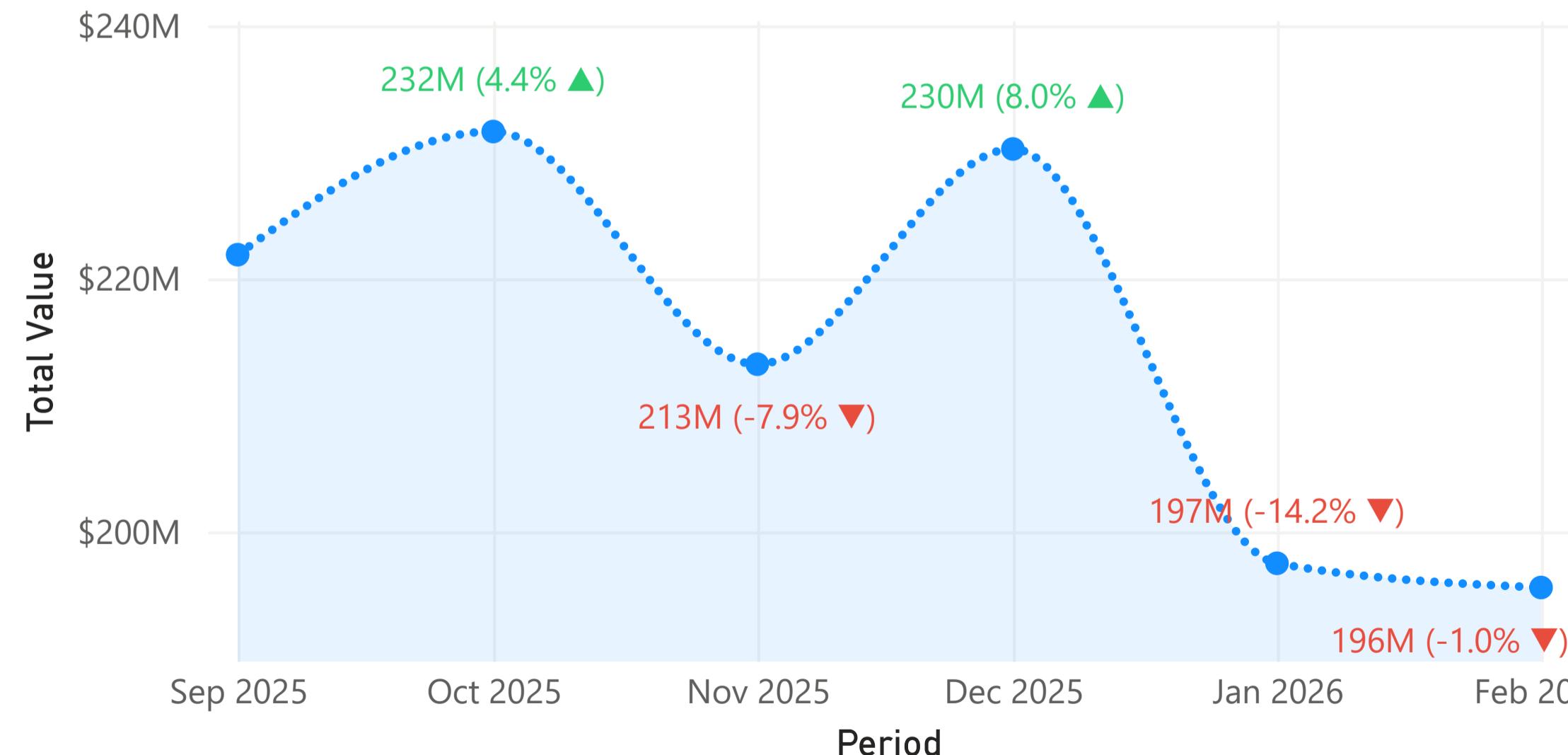
 Ensemble GradientBoosting XGBoost[Ask Data Agent](#)[Details](#)

## ML Model Performance Metrics

Export	Ensemble	0.96	277.51	168.16	29.41
Trade Type	ML Model	R2	RMSE	MAE	MAPE
Import	Ensemble	0.97	289.59	152.47	12.39
Trade Type	ML Model	R2	RMSE	MAE	MAPE

[Trend and Seasonality](#)[Anomaly Detection](#)[Commodity Clustering](#)[Monte Carlo Simulation](#)

## Total Export Value Forecast



## Total Import Value Forecast



# Ontario-U.S. Trade Analytics

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## NAPCS Commodity

- Aircraft and other transportation equipment and parts
- Basic and industrial chemical, plastic and rubber products
- Consumer goods

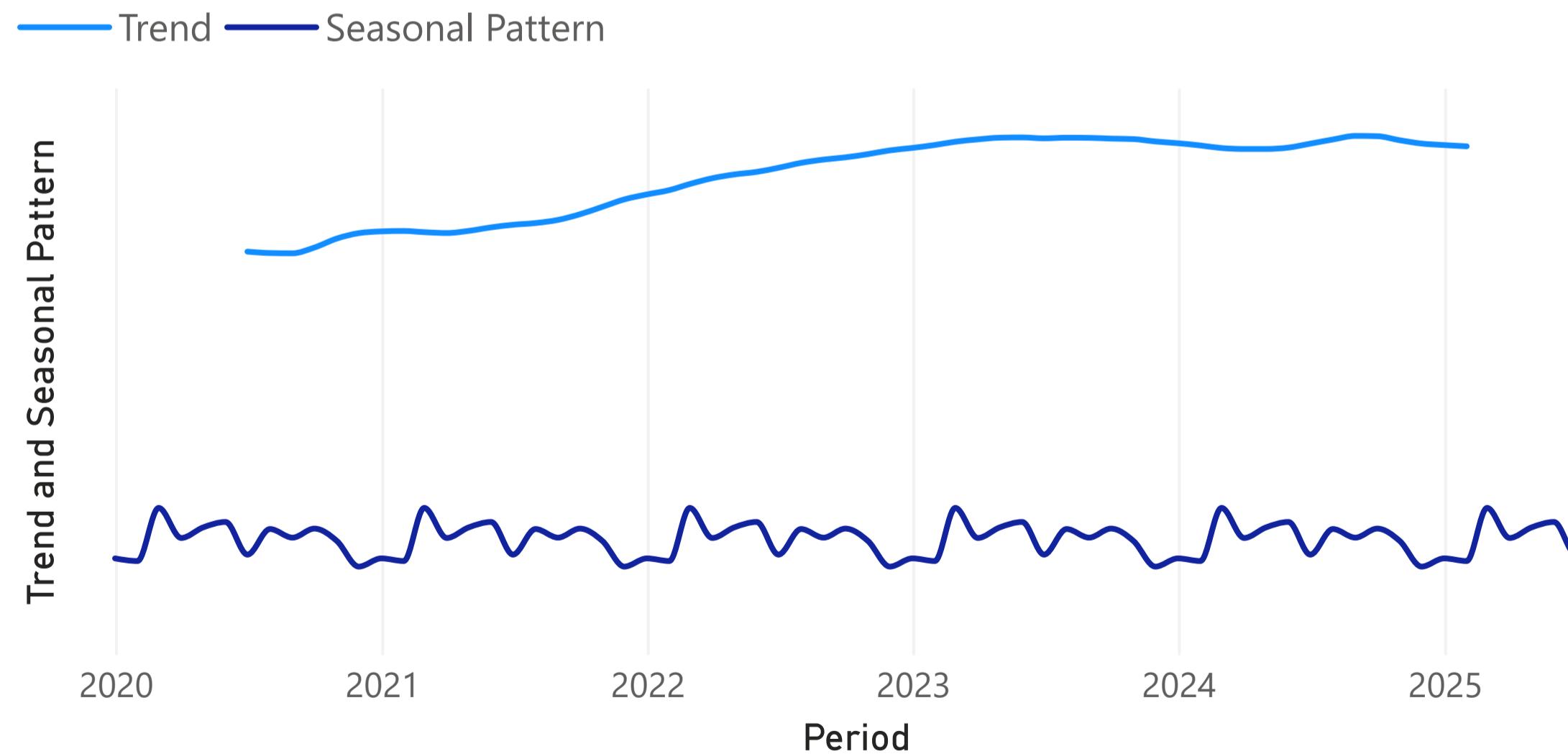
[Ask Data Agent](#)[Details](#)

## Commodity Trends and Seasonality Summary

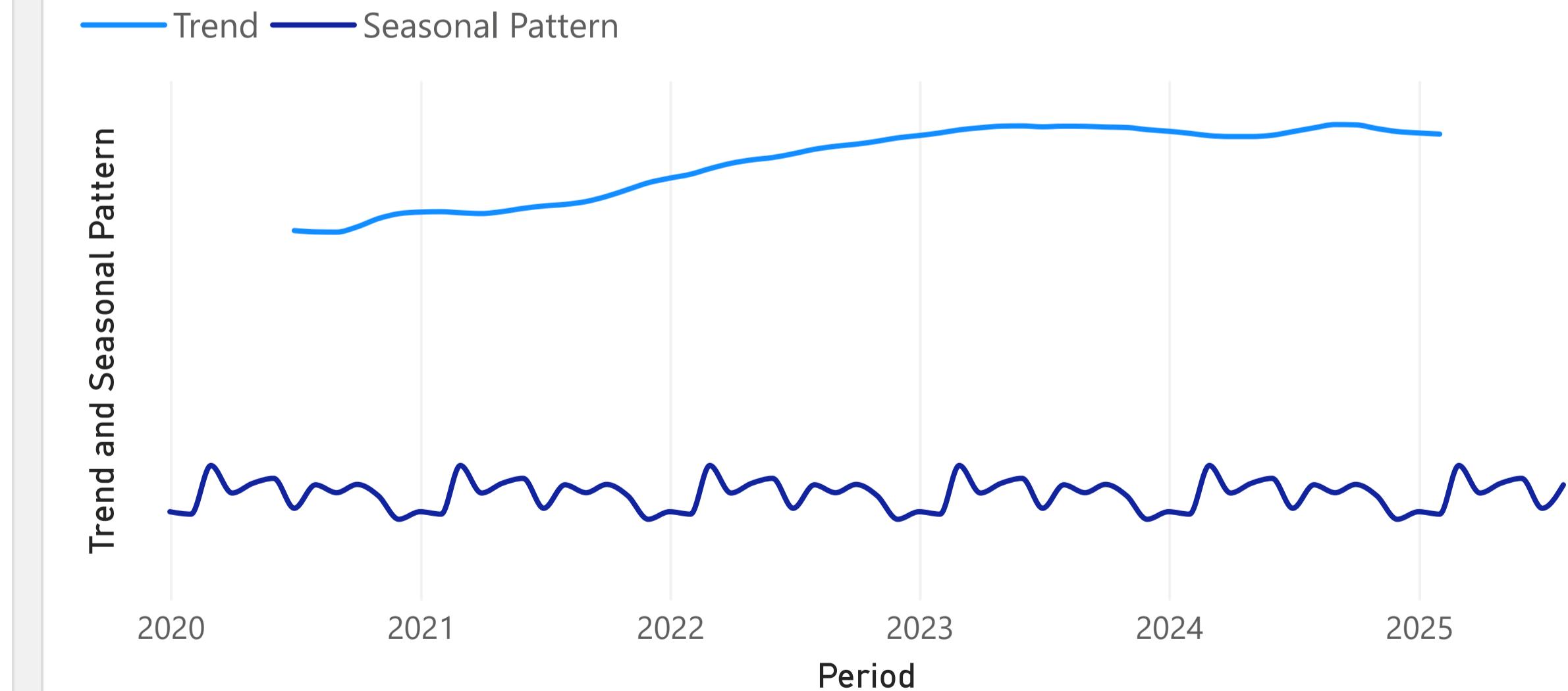
Export Trade Type	Increasing Trend Direction	December Peak Month	November Bottom Month	1,810.54 Residual Volatility
Export Trade Type	Increasing Trend Direction	January Peak Month	April Bottom Month	2,432.39 Residual Volatility

[Trend and Seasonality](#)[Anomaly Detection](#)[Commodity Clustering](#)[Monte Carlo Simulation](#)

## Commodity Export Trends and Seasonal Patterns



## Commodity Import Trends and Seasonal Patterns



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## NAPCS Commodity

- Aircraft and other transportation equipment and parts
- Basic and industrial chemical, plastic and rubber products
- Consumer goods

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## Export Anomalies

Trade Type	Period
Export	April 2020

[Trend and Seasonality](#)[Anomaly Detection](#)

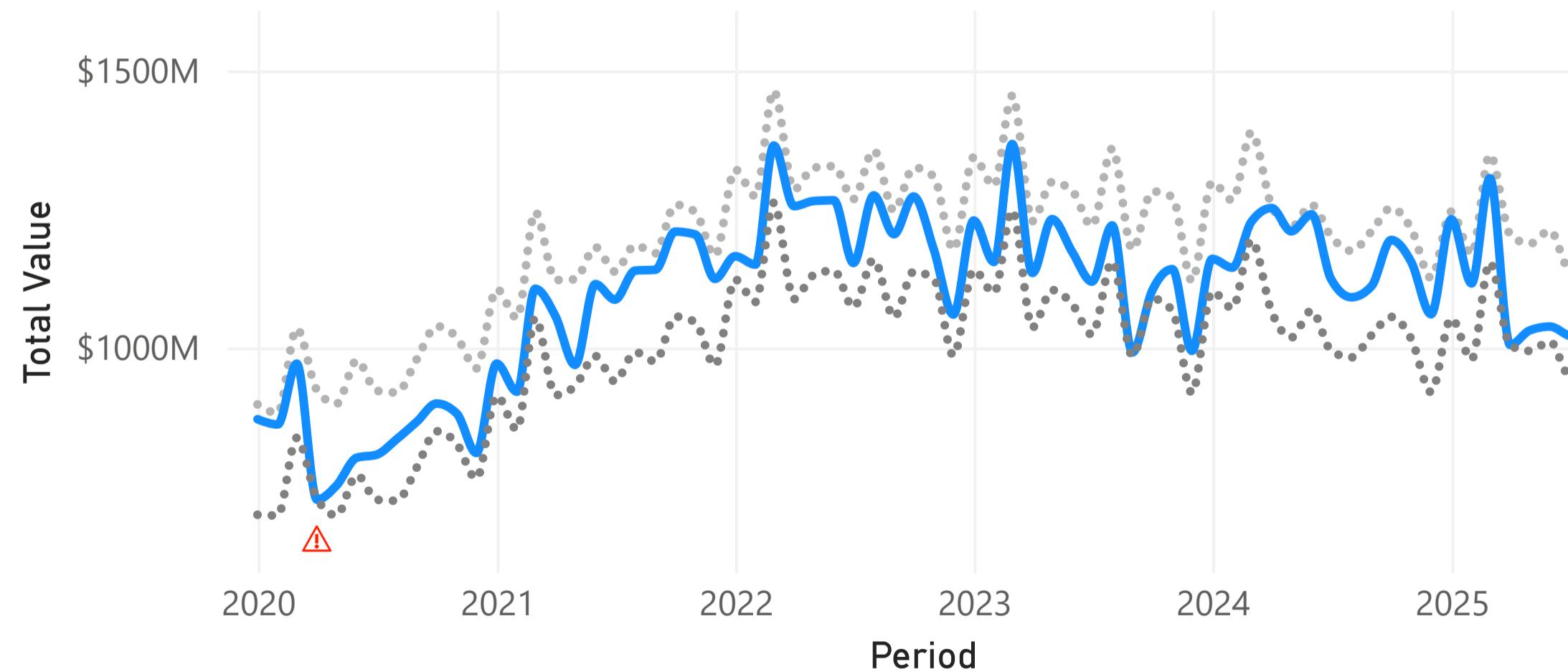
## Import Anomalies

Trade Type	Period
Import	January 2020
Import	April 2020
Import	May 2020

[Commodity Clustering](#)[Monte Carlo Simulation](#)

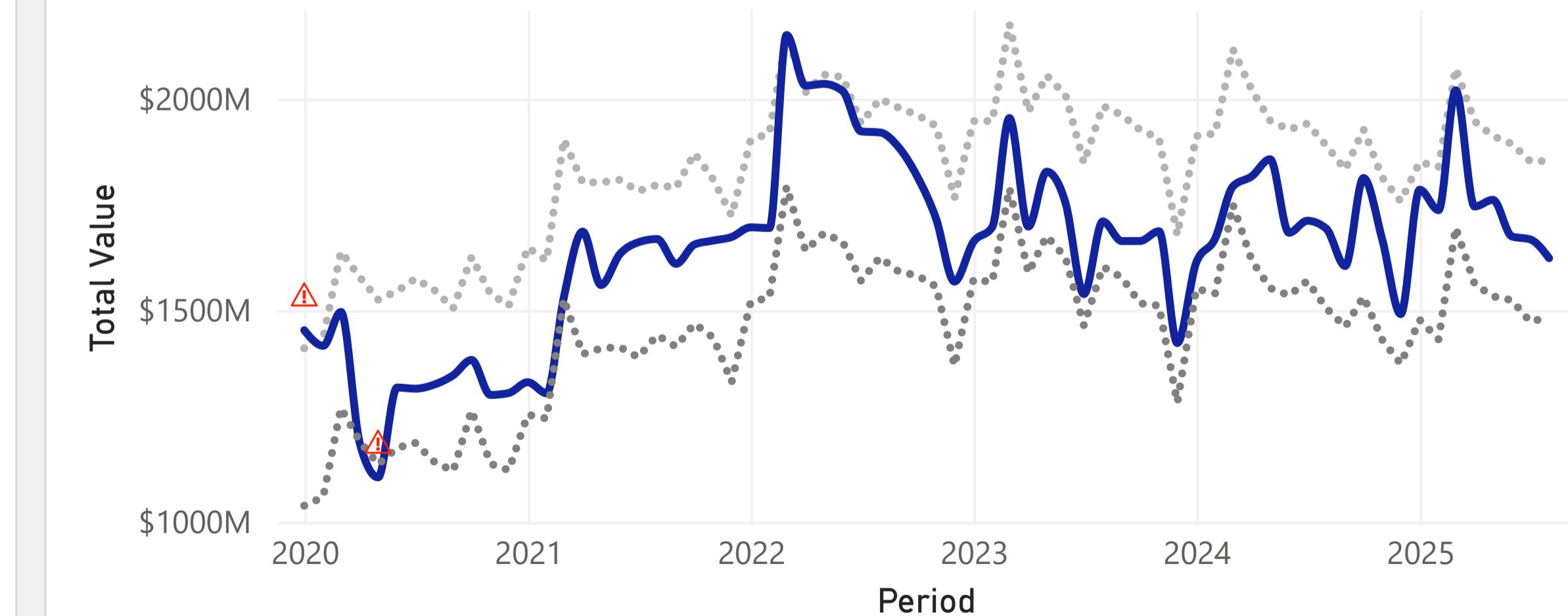
## Export Anomaly Detection

● Confidence interval upper limit ● Total Value ● Confidence interval lower limit



## Import Anomaly Detection

● Confidence interval upper limit ● Total Value ● Confidence interval lower limit



# Ontario-U.S. Trade Analytics

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## Export Commodity Cluster

[All](#)

## Import Commodity Cluster

[All](#)[Ask Data Agent](#)[Details](#)

## Export Cluster Commodities

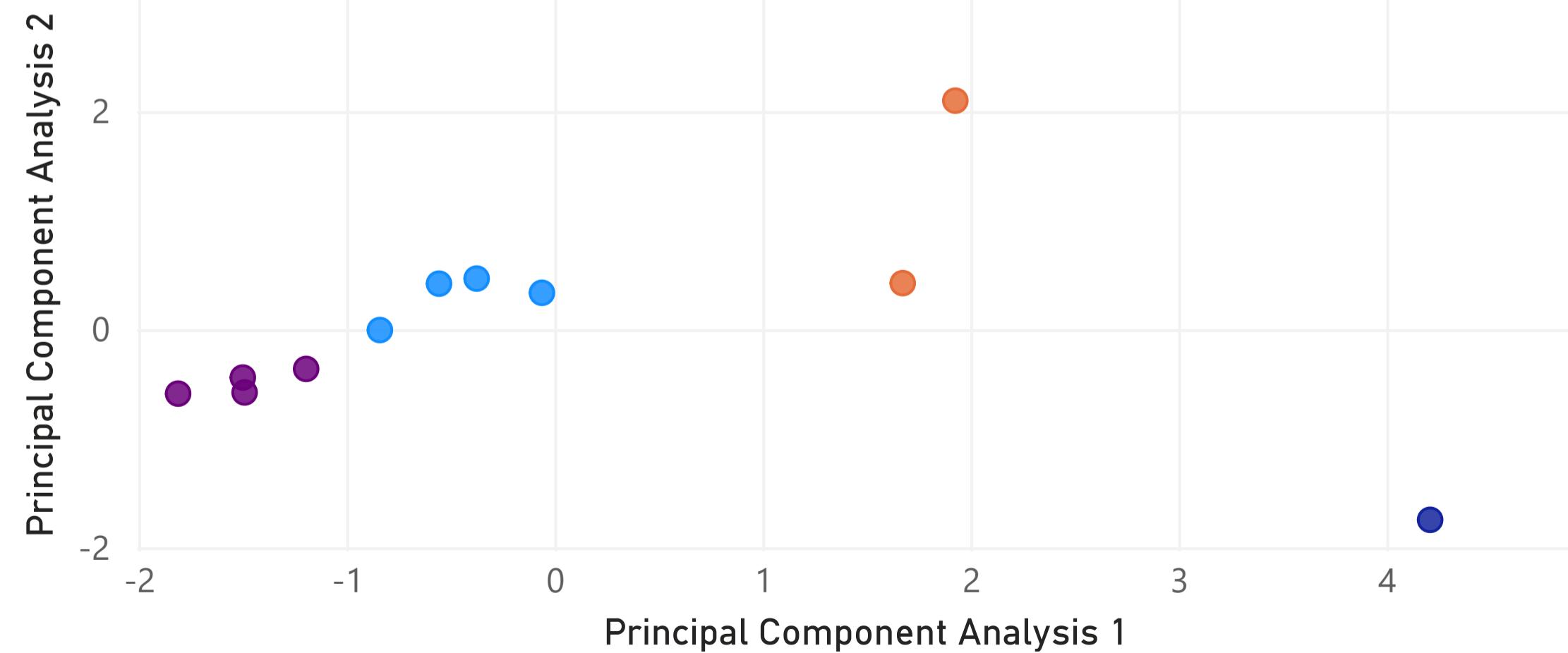
[Commodity](#)[Motor vehicles and parts](#)[Metal ores and non-metallic minerals](#)[Metal and non-metallic mineral products](#)[Trend and Seasonality](#)[Anomaly Detection](#)

## Import Cluster Commodities

[Commodity](#)[Motor vehicles and parts](#)[Metal ores and non-metallic minerals](#)[Metal and non-metallic mineral products](#)[Commodity Clustering](#)[Monte Carlo Simulation](#)

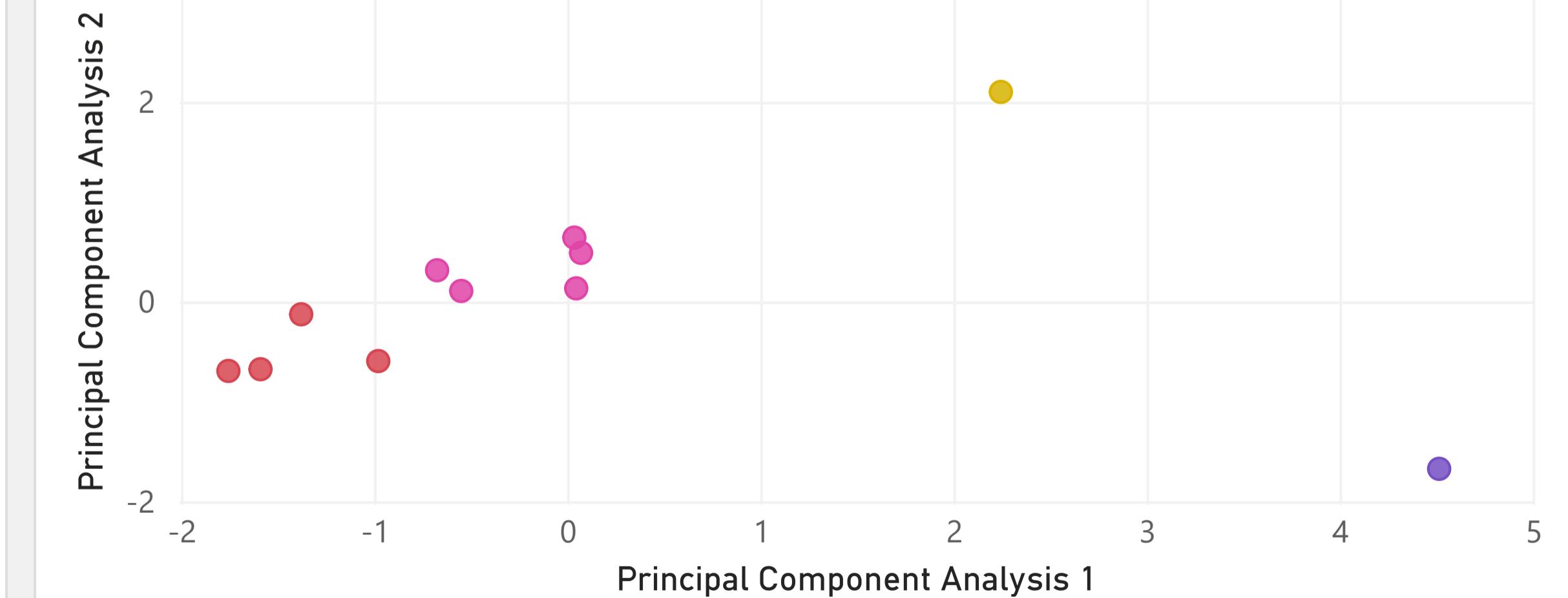
## Export Commodity Clusters

● Cluster 0 Export: Small, ... ● Cluster 1 Export: Me... ● Cluster 2 Export: ... ● Cluster 3 Exp...



## Import Commodity Clusters

● Cluster 0 Import: Small, s... ● Cluster 1 Import: Me... ● Cluster 2 Import: ... ● Cluster 3 Imp...



## Ontario-U.S. Trade Analytics

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### Tariff Percentage

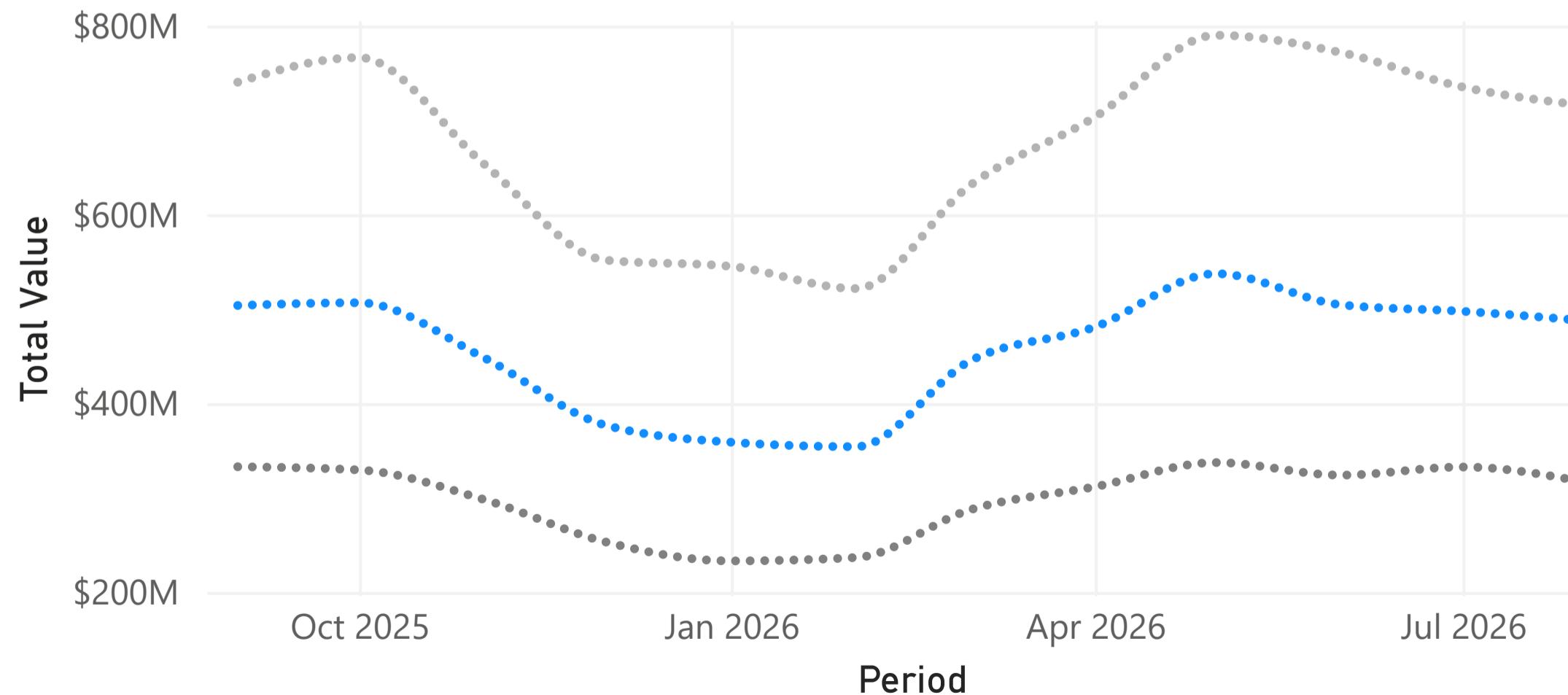
 [Ask Data Agent](#)[Details](#)

### NAPCS Commodity

- Aircraft and other transportation equipment and parts
- Basic and industrial chemical, plastic and rubber products
- Consumer goods

### Impact of Tariffs on Exports

● Upper Limit 95 Percentile ● Total Value ● Lower Limit 95 Percentile



### Impact of Tariffs on Imports

● Upper Limit 95 Percentile ● Total Value ● Lower Limit 95 Percentile

