RealTime CEO®

World's Top 10 Economies

Macro Economic Update

March 2024 Quarter

Presented by Nick Setchell nick@RealTimeCEO.com



Disclaimer

The economic data presented in this review is sourced from "Trading Economics" unless otherwise stated.

Different countries release data at different times. We will continue to update the quarterly review as new data becomes available.

The author of the report has not audited the data and provides no guarantee to its accuracy or finality. It is common that economic data is initially released as an estimation and then modified at a later date.

Commodity prices fluctuate within a day range. Accordingly, data graphed in this report is an approximation.

Major Factors Impacting World Economic Landscape in 2024

- 1. Rising geopolitical tensions. 2 war regions:
 - Eastern Europe (energy and food impact)
 - Middle East (energy impact)
- 2. China's economic slowdown (4.5% lowest since 1990 outside Covid era)
- 3. Surging financial stress following interest rate increases
- 4. Trade fragmentation: trade restriction policies increase, trade easing policies decline
- 5. Climate change
- 6. Sea freight crisis driven by Suez and Panama canal disruption.

Macro Economic Landscape Key macro economic results:

- - GDP
 - Inflation
 - Interest rates
 - Unemployment rates
 - Exchange rates
 - Industrial output
 - Retail sales
- Key Economic sentiment:
 - Business confidence and PMI indexes
 - Consumer confidence
 - Consumer spending
- Industrial commodities costs

United States





Key Stats:

- Population: 341.4 million (Mar 2024)
- Government Debt to GDP: 129% (2022)
- Interest rates: 5.5% (Mar 24)

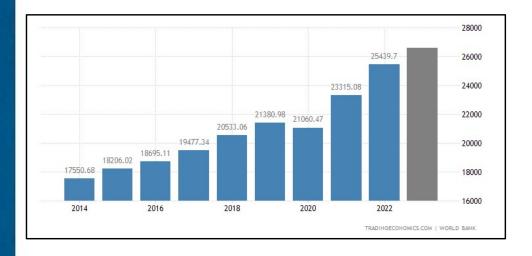


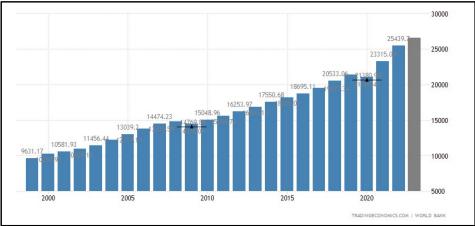
Import / Export Update: Source: The Observatory of Economic Complexity

- Top 5 exports: Refined Petroleum, Crude Petroleum, Petroleum Gas, Cars, Integrated Circuits
- Top 5 imports: Crude Petroleum, Cars, Broadcasting Equipment, Computers, Packaged Medicaments
- Top 3 export markets: Canada, Mexico and China
- Top 3 import markets: China, Canada and Mexico

USA GDP Total Dollars

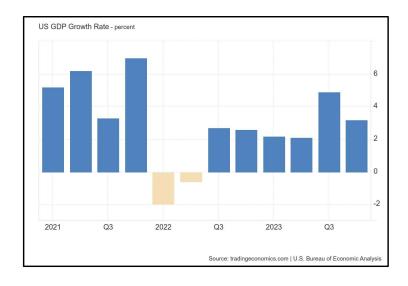






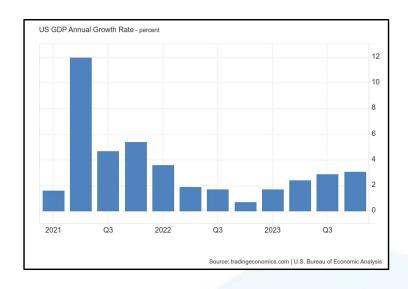
USA GDP Trends

Quarterly Growth Rate (Q on Q)



Current Data (2023 Q4) 3.4%

Annual Growth Rate (Q on SQLY)

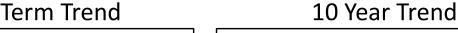


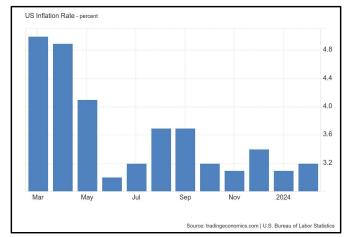
Current Data (2023 Q4) 3.1%

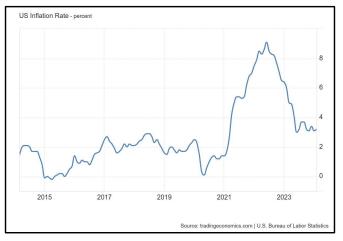
Next Data Due: 25th Apr

USA Annual Inflation

Short Term Trend

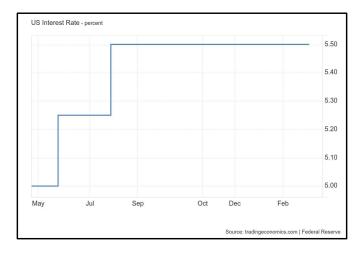


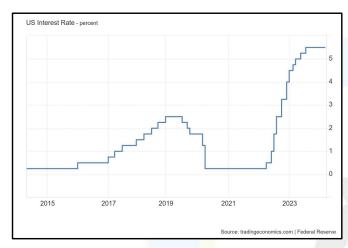




Current Data (Feb 24): 3.2% Next Data due: 10th April

USA Interest Rates

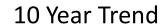


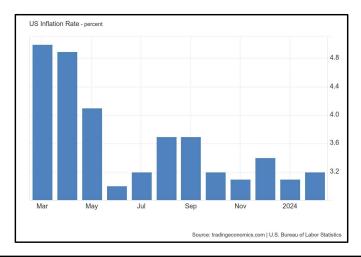


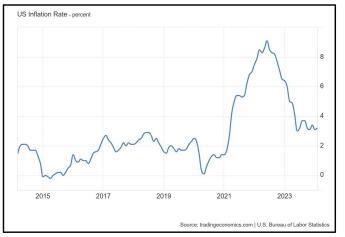
Current Data (Mar 24) 5.5% Next Data due: 1st May

USA Annual Inflation

Short Term Trend

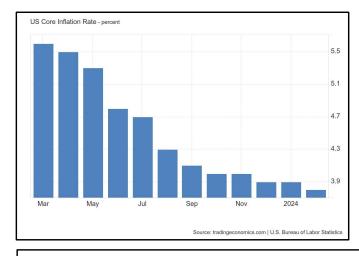


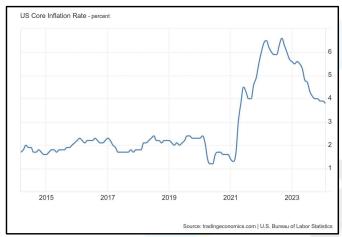




Historical Context: Jun 22 inflation of 9.1% was highest in USA since Nov 1981

Core Inflation (excluding food and energy) - US

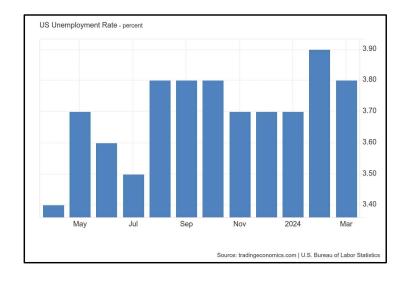




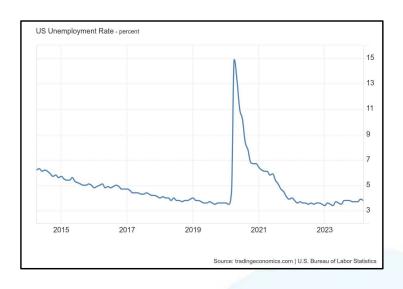
Current Data (Feb 24) 3.8% Next Data due: 10th April

USA Unemployment Trends

Short Term Trend



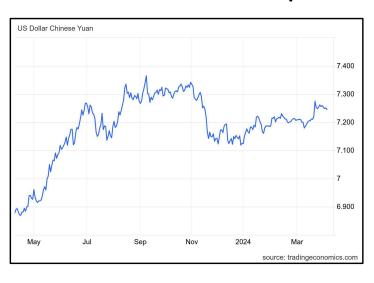
10 Year Trend

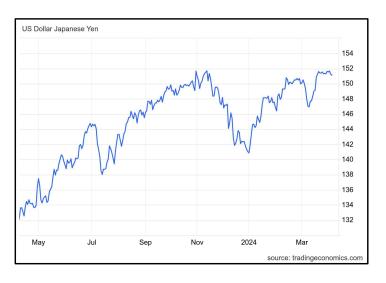


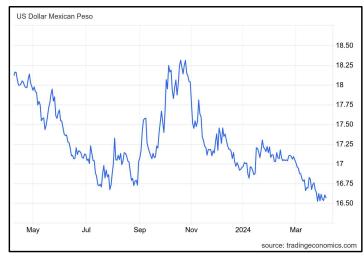
Current Data (Mar 24) 3.8% Next Decision due: 3rd May

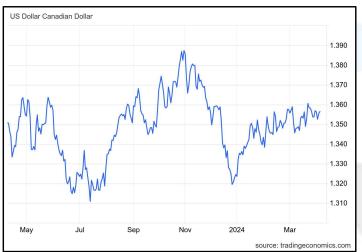
USA - Exchange Rates

Top 4 Import Sources: China / Japan / Mexico / Canada





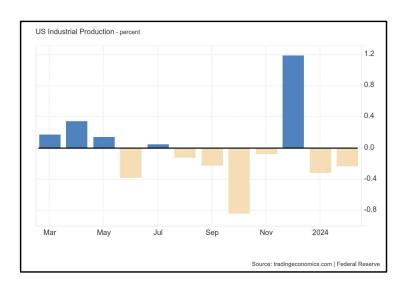




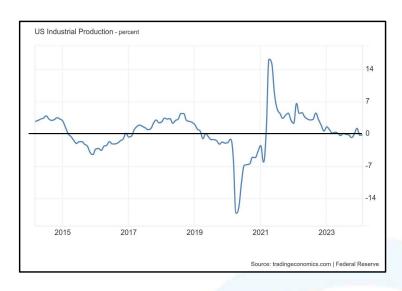
USA Industrial Production

Measures the output of industrial sector businesses versus same quarter previous year: Manufacturing (78%) Mining (11%) Other (11%)

3 Year Trend



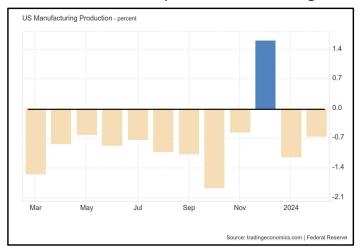
10 Year Trend

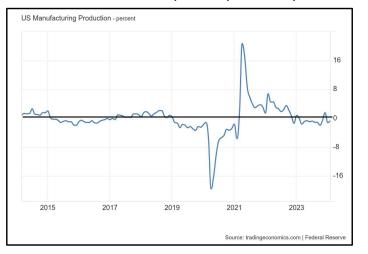


Current Data (Feb 24) -0.23% Next Data Due: 16th Apr

USA Manufacturing Production

Measures the output of manufacturing sector businesses versus same quarter previous year

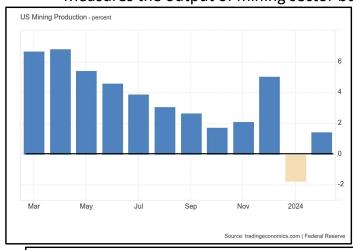


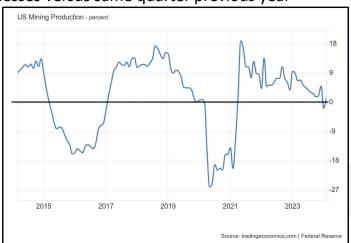


Current Data (Feb 24) -0.65% Next Data Due: 16th Apr

USA Mining Production

Measures the output of mining sector businesses versus same quarter previous year

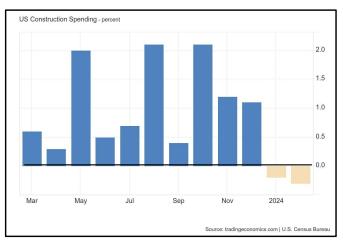


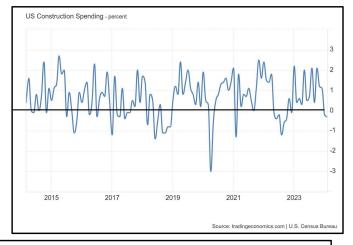


Current Data (Feb 24) 1.43% Next Data Due: N/A

USA Construction Spending

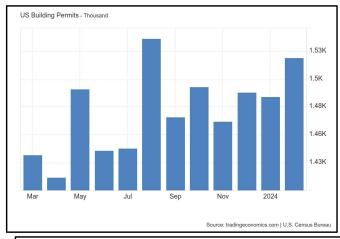
Percentage change on previous month
Short Term Trend 10 Year Trend

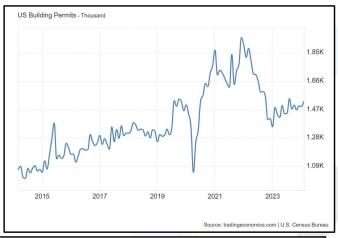




Current Data (Feb 24) -0.3% Next Data Due: 1st May

USA Monthly Building Permits

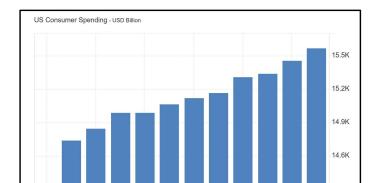




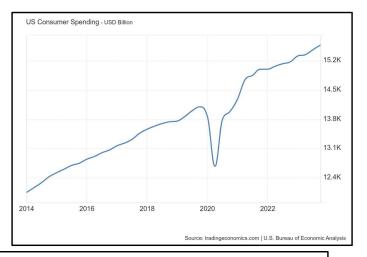
Current Data (Feb 24) 1.52M Next Data Due: 16th Apr

USA Consumer Spending (US Bureau of Economic Analysis)

Short Term Trend



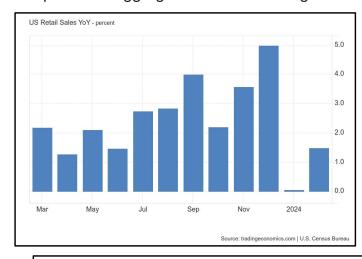
10 Year Trend

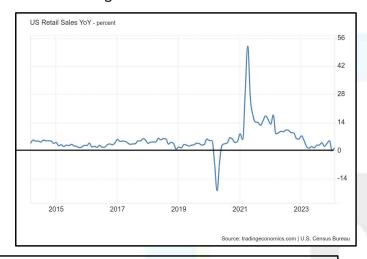


Current Data (2024 Q4) \$15.6T Next Data Due: N/A

USA Retail Sales (YonY) (source US Census Bureau)

Retail sales compares the aggregated sales of retail goods and services during a certain month to the same month a year ago



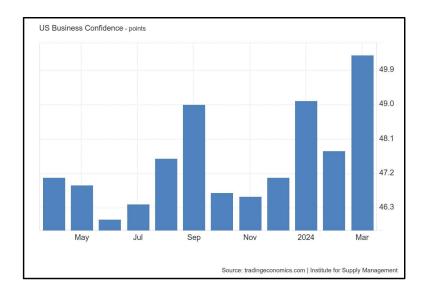


Current Data (Feb 24) 1.5% Next Data Due: 15th Apr

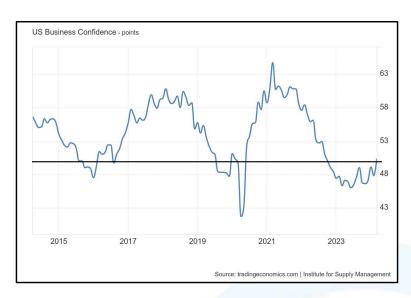
USA Business Confidence Index (source ISM PMI)

Survey of 300 Purchase Managers on New Orders, Backlog of Orders, New Export Orders, Imports, Production, Supplier Deliveries, Inventories, Customers' Inventories, Employment and Prices. 50 is neutral

Short Term Trend



10 Year Trend

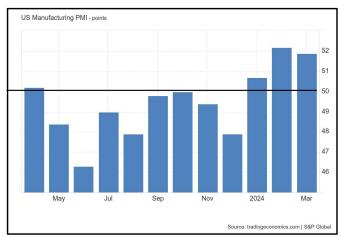


Current Data (Mar 24) 50.3 Next Decision due: 1st May

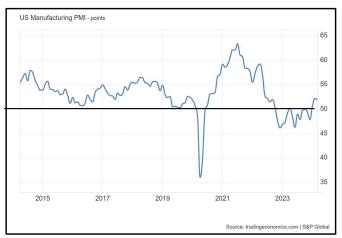
USA Manufacturing PMI – S&P Global

Survey of 800 manufacturers. Expectation of next month conditions of trading, profit and employment. 50 is neutral

Short Term Trend



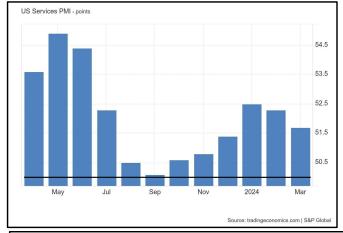
10 Year Trend

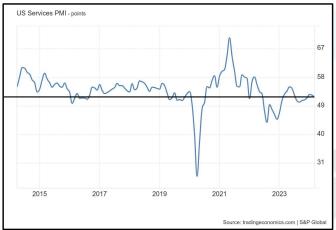


Current Data (Mar 24) 51.9 Next Data Due: N/A

USA Services PMI – S&P Global

Survey of 400 service sector companies. Expectation of next month conditions of trading, profit and employment. 50 is neutral



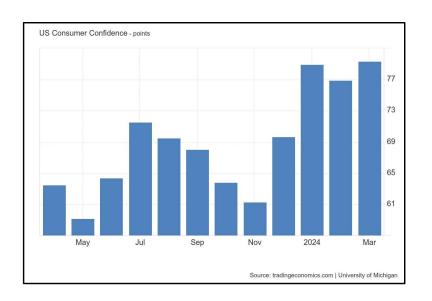


Current Data (Mar 24) 51.7 Next Data Due: N/A

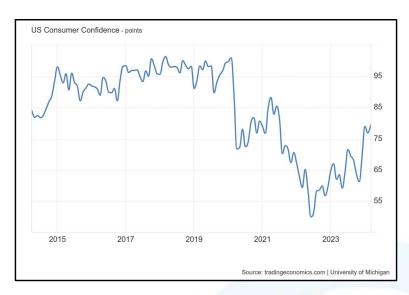
USA Consumer Confidence (source University of Michigan)

Survey 500 households on general confidence of near and long term economy. Base of 100 is Q1 1966

Short Term Trend



10 Year Trend



Current Data (Mar 24) 79.4 Next Data Due: 12th Apr

China







- Population of 1.42 billion (Mar 24)
- Debt to GDP: 77.1% (2022)
- Interest rates: 3.45% (Mar 24)

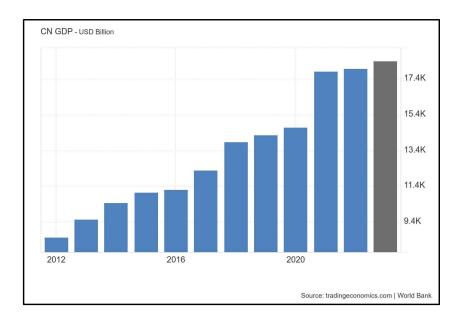
Import / Export Update: Source: The Observatory of Economic Complexity

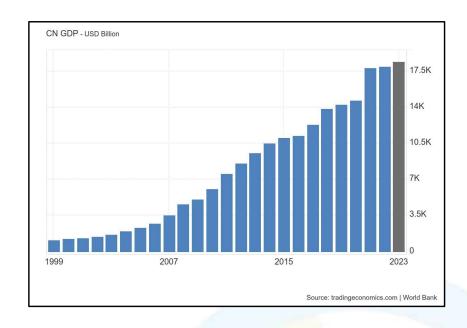


- Top 5 Exp: Broadcasting Equipment, Integrated Circuits, Computers, Office Machine Parts, Semiconductor Devices
- Top 5 Imp: Crude Petroleum, Integrated Circuits, Iron Ore, Petroleum Gas, Gold
- Top 3 Exp markets: USA, Hong Kong and Japan
- Top 3 Imp origins: USA, South Korea and Japan

GDP- China

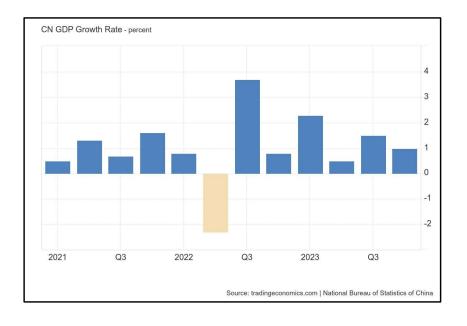
10 Year Trend

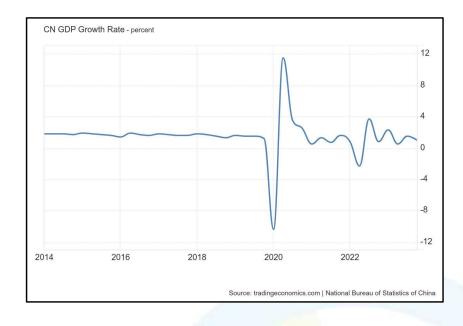




GDP Growth Rate - China

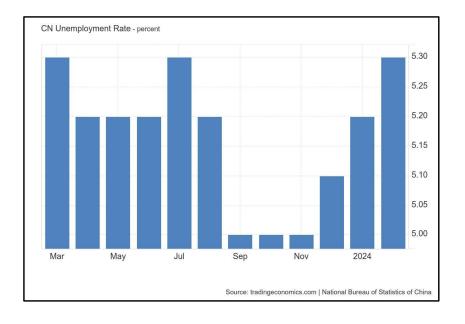
3 Year Trend

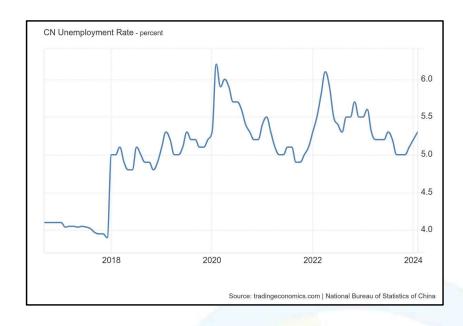




Unemployment Trends - China

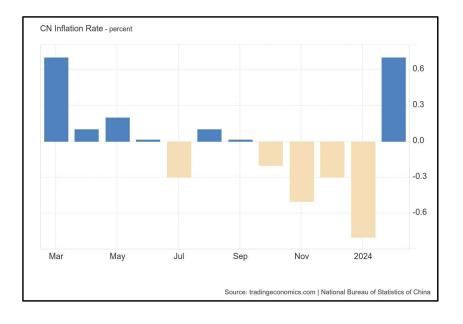
Short Term Trend

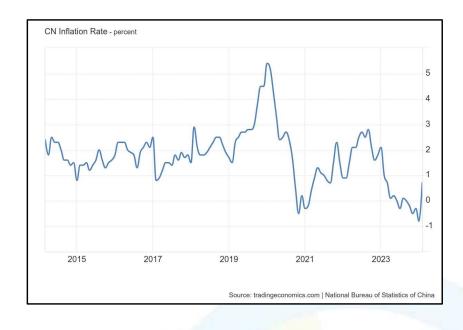




Inflation Trends - China

Short Term Trend





Japan





Key Stats:

Population: 122.8 million (Mar 24)

Debt to GDP: 263.9% (2022)

Interest rates: 0% (Mar 24)

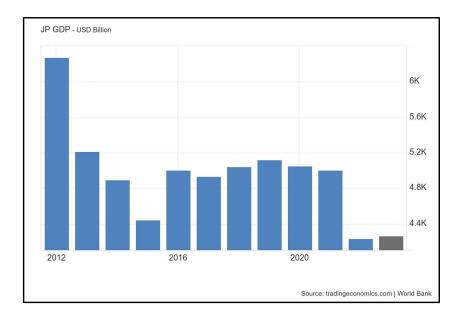


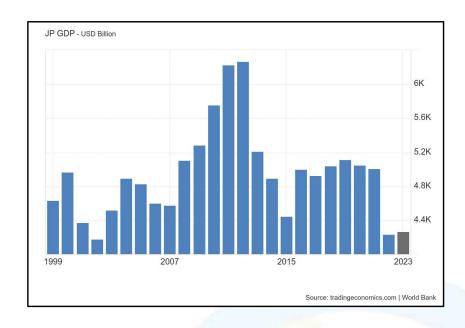
Import / Export Update: Source: The Observatory of Economic Complexity

- Top 5 Exp: Cars, Machinery Having Individual Functions, Integrated Circuits, Motor vehicles; parts and accessories, Refined Petroleum
- Top 5 Imp: Crude Petroleum, Petroleum Gas, Coal Briquettes, Integrated Circuits, Broadcasting Equipment
- Top 3 Exp: USA, China and South Korea
- Top 3 Imp: China, Australia and USA

GDP- Japan

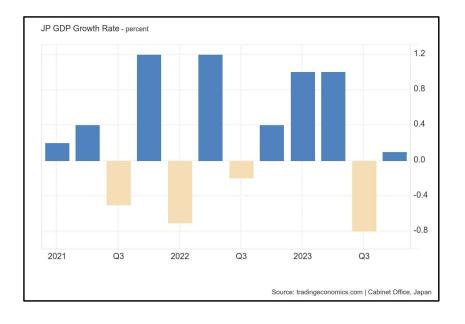
10 Year Trend

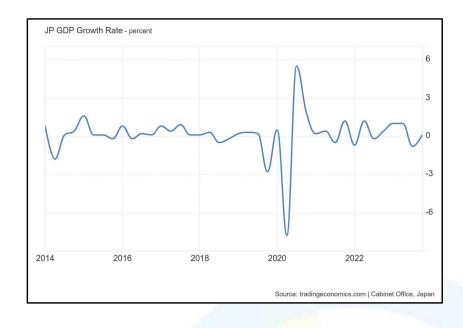




GDP Growth Rate - Japan

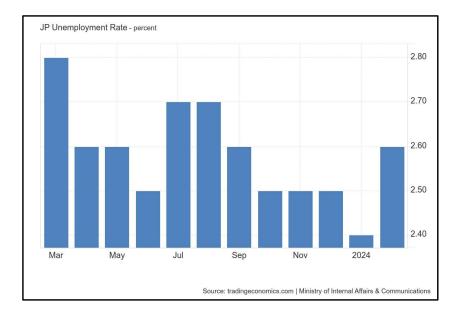
3 Year Trend

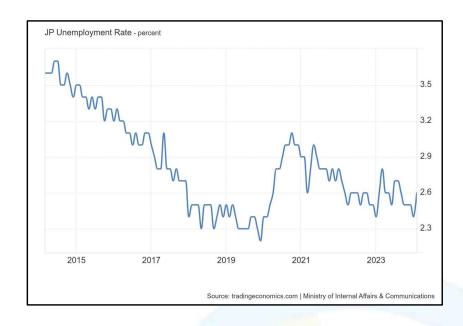




Unemployment Trends - Japan

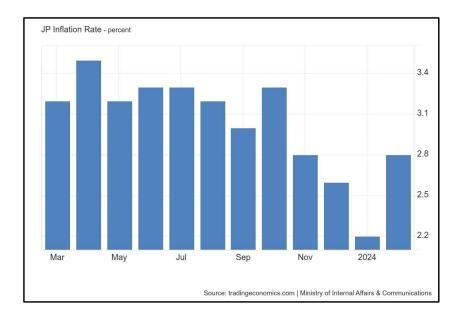
Short Term Trend

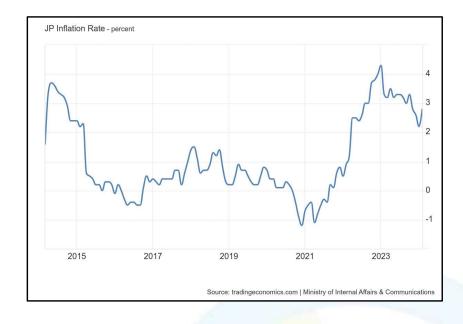




Inflation Trends - Japan

Short Term Trend





Germany





Key Stats:

Population: 83.3 million (Mar 24)

Debt to GDP: 66.1% (2022)

Interest rates: 4.5% (Mar 24)

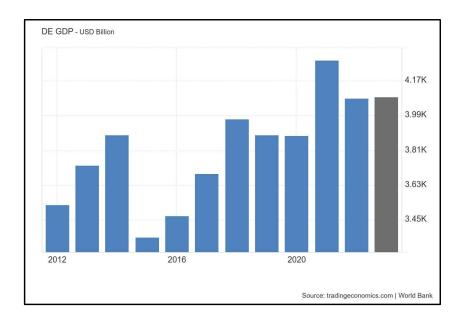


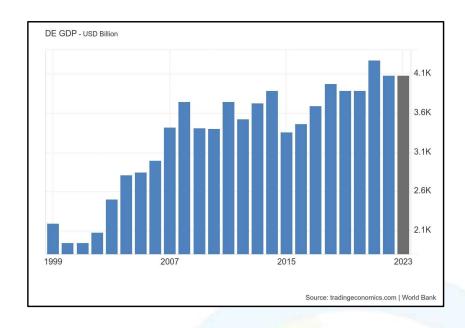
Import / Export Update: Source: The Observatory of Economic Complexity

- Top 5 Exp: Cars, Packaged Medicaments, Motor vehicles; parts and accessories, Vaccines, Refined Petroleum
- Top 5 Imp: Petroleum Gas, Cars, Motor vehicles; parts and accessories, Crude Petroleum, Vaccines
- Top 3 Exp: USA, France and China
- Top 3 Imp: China, Netherlands and Poland

GDP- Germany

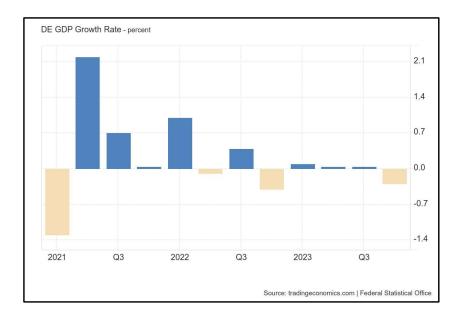
10 Year Trend

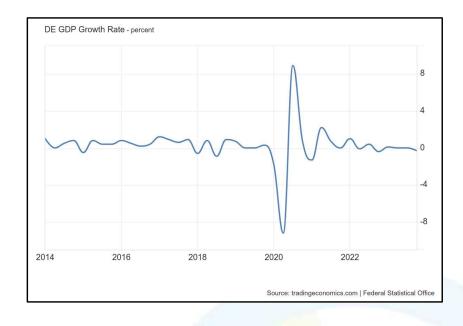




GDP Growth Rate - Germany

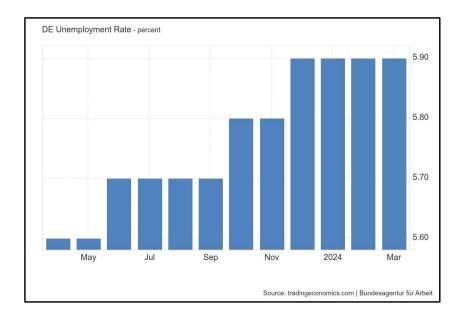
3 Year Trend

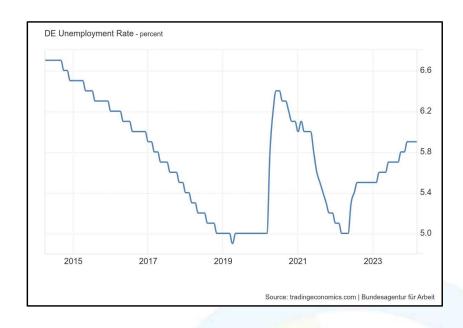




Unemployment Trends - Germany

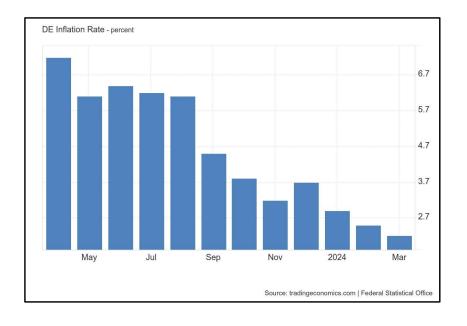
Short Term Trend

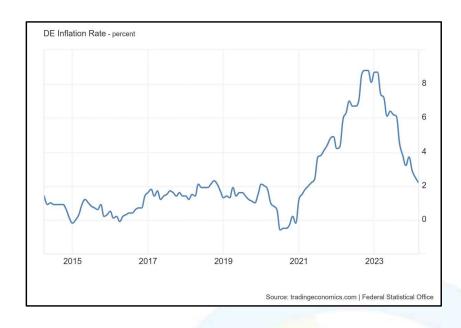




Inflation Trends - Germany

Short Term Trend





United Kingdom





Key Stats:

Population: 67.7 million (Mar 24)

Debt to GDP: 97.1% (2022)

Interest rates: 5.25% (Mar 24)

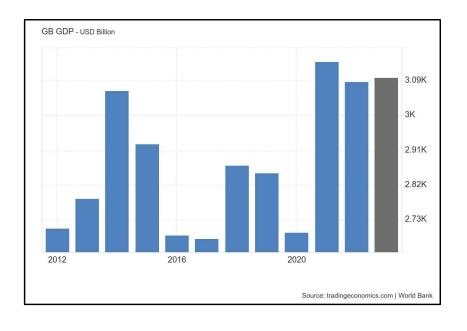


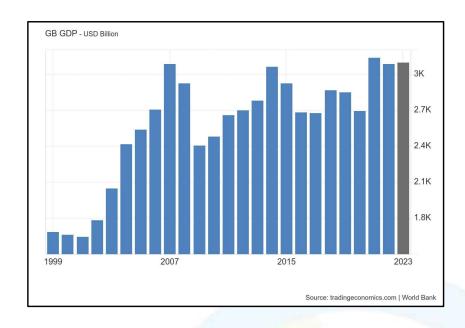
Import / Export Update: Source: The Observatory of Economic Complexity

- Top 5 Exp: Gold, Cars, Gas Turbines, Crude Petroleum, Packaged Medicaments
- Top 5 Imp: Petroleum Gas, Cars, Crude Petroleum, Gold, Refined Petroleum
- Top 3 Exp: USA, Netherlands and Germany
- Top 3 Imp: China, Germany and USA

GDP-UK

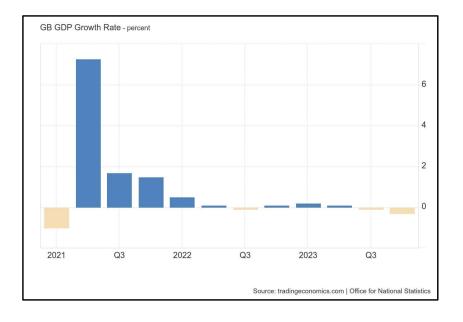
10 Year Trend

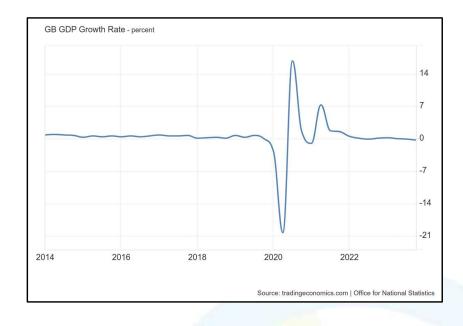




GDP Growth Rate - UK

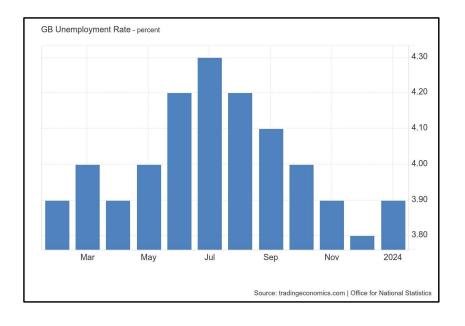
3 Year Trend

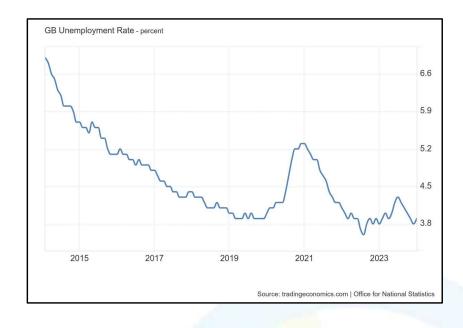




Unemployment Trends - UK

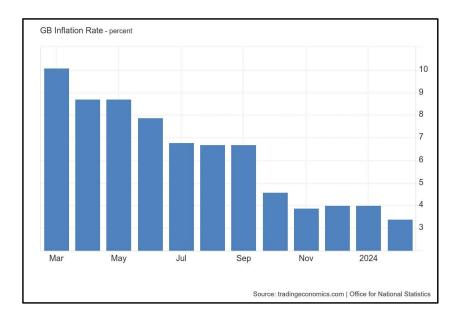
Short Term Trend

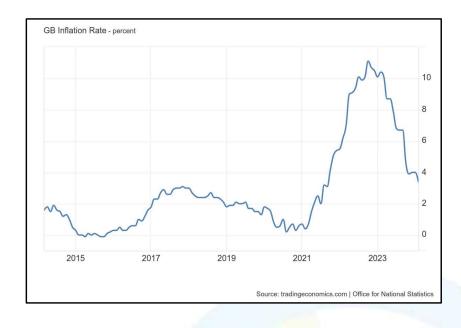




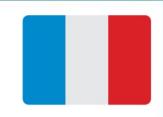
Inflation Trends - UK

Short Term Trend





France





Key Stats:

Population: 64.8 million (Mar 24)

Debt to GDP%: 111.8% (2022)

Interest rates: 4.5% (Mar 24)

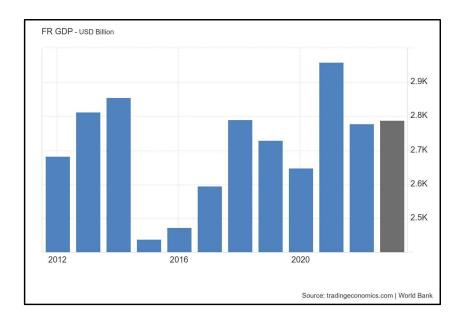


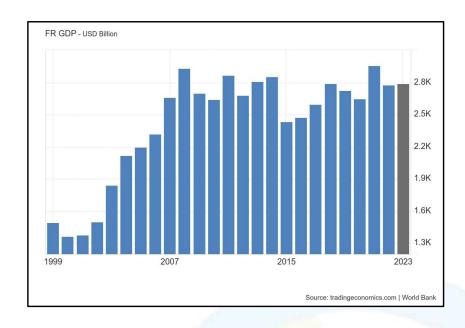
Import / Export Update: Source: The Observatory of Economic Complexity

- Top 5 Exp: Air/Spacecraft, Packaged Medicaments, Cars,
 Petroleum Gas, Motor vehicles; parts and accessories
- Top 5 Imp: Petroleum Gas, Cars, Refined Petroleum, Crude Petroleum, Packaged Medicaments
- Top 3 Exp: Germany, Italy and USA
- Top 3 Imp: Germany, Belgium and Spain

GDP- France

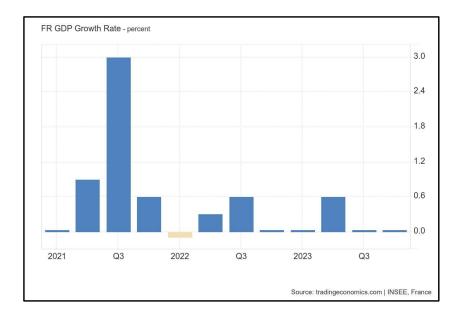
10 Year Trend

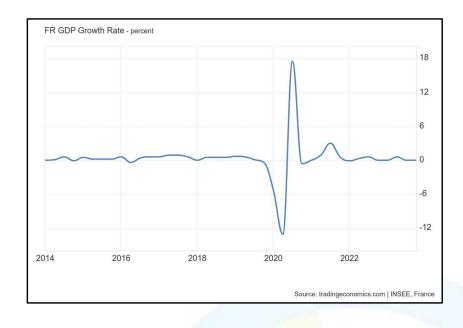




GDP Growth Rate - France

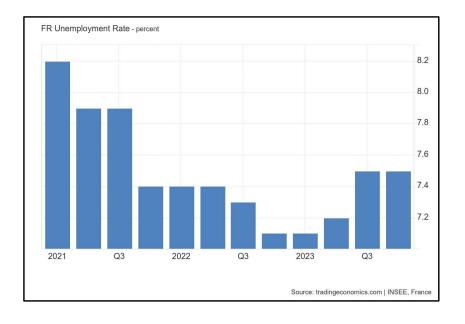
3 Year Trend

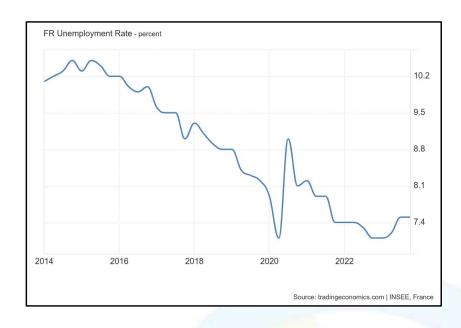




Unemployment Trends - France

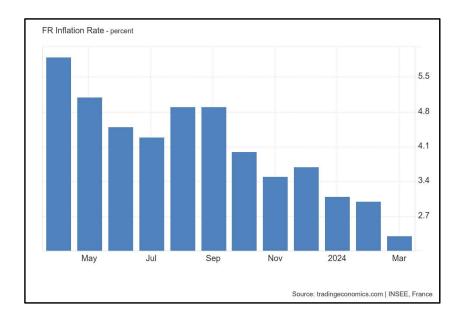
Short Term Trend

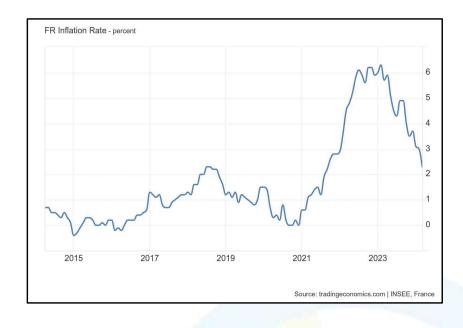




Inflation Trends - France

Short Term Trend





India





Key Stats:

Population: 1.43 billion (Mar 24)

Debt to GDP: 86.54% (2022)

• Interest rates: 6.5% (Mar 24)

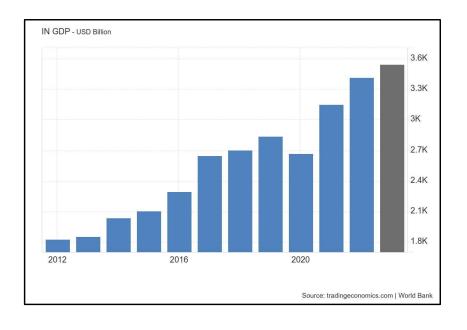


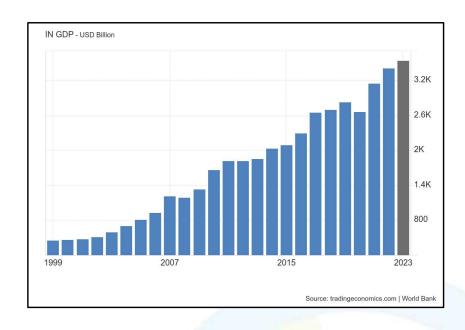
Import / Export Update: Source: The Observatory of Economic Complexity

- Top 5 Exp: Refined Petroleum, Diamonds, Packaged Medicaments, Jewellery, Rice
- Top 5 Imp: Crude Petroleum, Coal Briquettes, Gold, Petroleum Gas, Diamonds
- Top 3 Exp: USA, UAE and Netherlands
- Top 3 Imp: China, UAE and USA

GDP-India

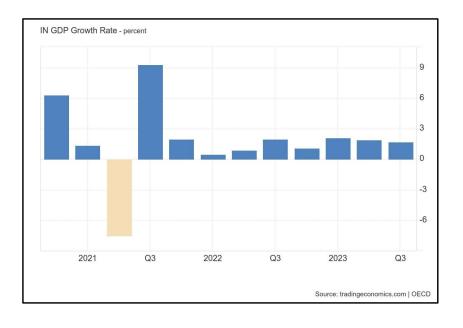
10 Year Trend

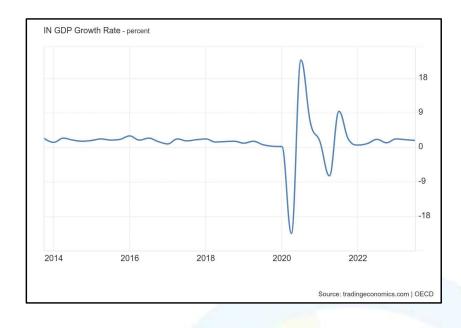




GDP Growth Rate - India

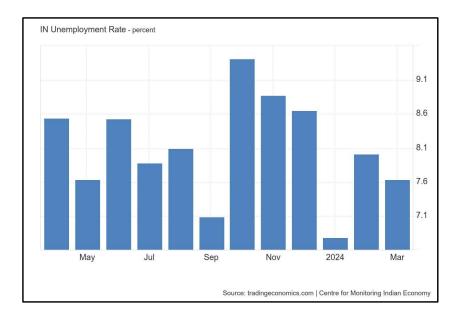
3 Year Trend

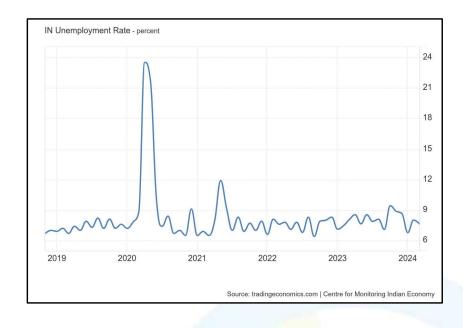




Unemployment Trends - India

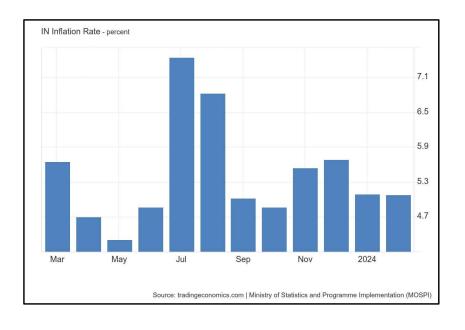
Short Term Trend

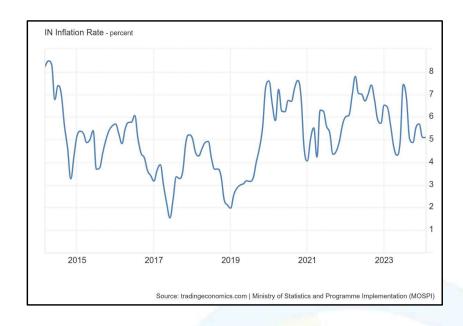




Inflation Trends - India

Short Term Trend





Italy





Key Stats:

Population: 58.7 million (Mar 24)

Debt to GDP: 137.3% (2023)

Interest rates: 4.5% (Mar 24)

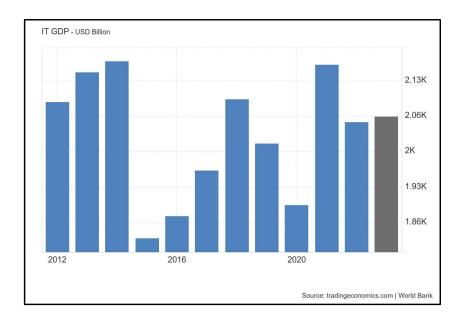


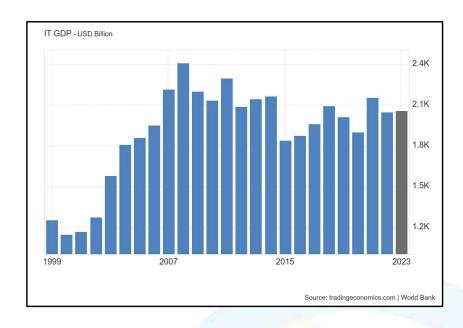
Import / Export Update: Source: The Observatory of Economic Complexity

- Top 5 Exp: Packaged Medicaments, Refined Petroleum, Cars, Motor vehicles; parts and accessories, Vaccines
- Top 5 Imp: Petroleum Gas, Crude Petroleum, Cars, Packaged Medicaments, Refined Petroleum
- Top 3 Exp: Germany, USA and France
- Top 3 Imp: Germany, France and China

GDP-Italy

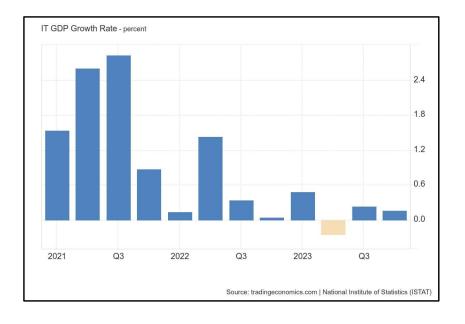
10 Year Trend

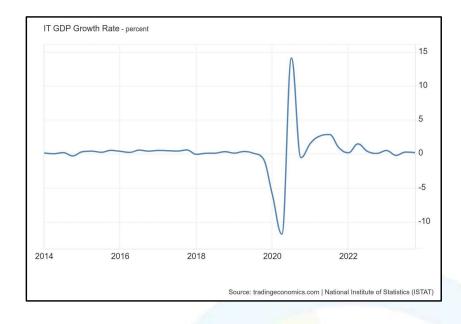




GDP Growth Rate - Italy

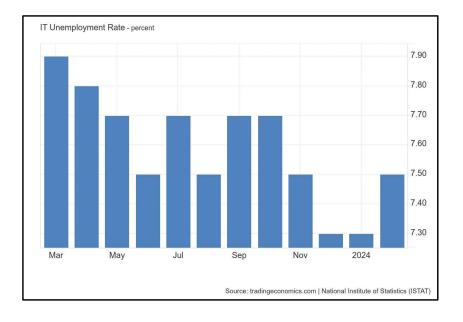
3 Year Trend

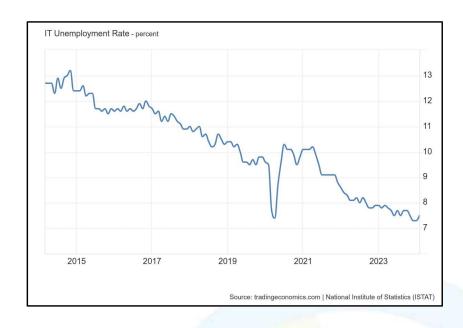




Unemployment Trends - Italy

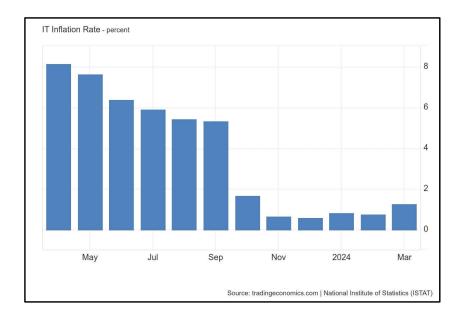
Short Term Trend

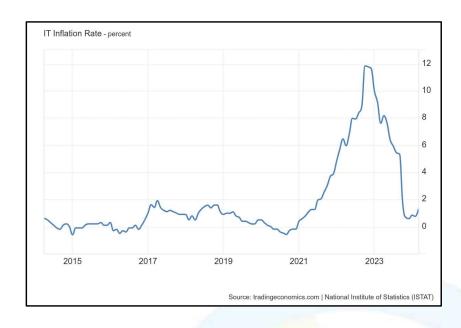




Inflation Trends - Italy

Short Term Trend





Brazil





Key Stats:

Population: 216.4 million (Mar 24)

Debt to GDP: 72.87% (2022)

Interest rates: 10.75% (Mar 24)

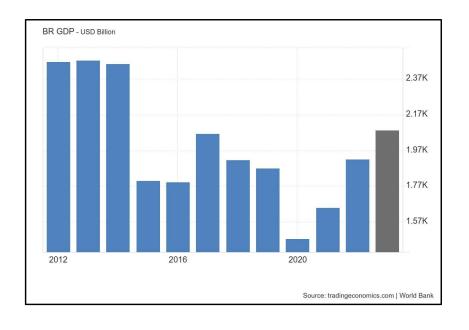


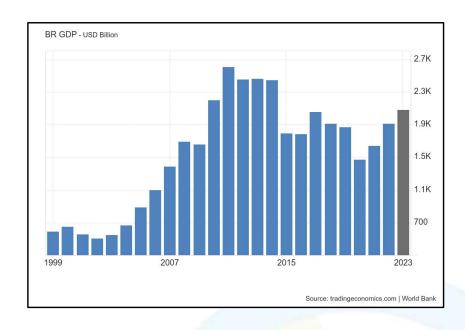
Import / Export Update: Source: The Observatory of Economic Complexity

- Top 5 Exp: Soybeans, Crude Petroleum, Iron Ore, Refined Petroleum, Corn
- Top 5 Imp: Refined Petroleum, Crude Petroleum, Motor vehicles; parts and accessories, Potassic Fertilizers, Mixed Mineral or Chemical Fertilizers
- Top 3 Exp: China, USA and Argentina
- Top 3 Imp: China, USA and Germany

GDP-Brazil

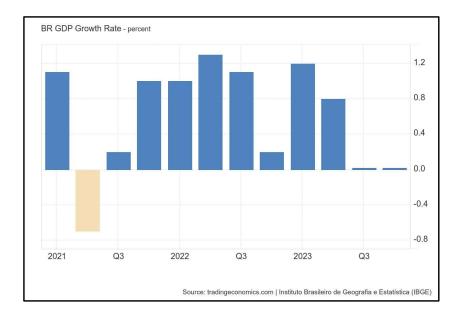
10 Year Trend

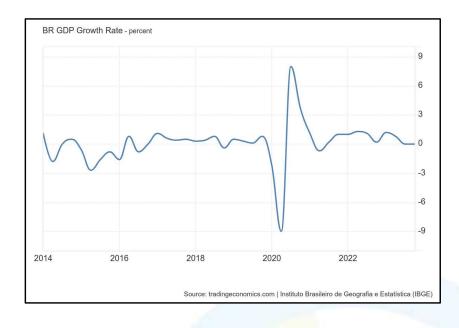




GDP Growth Rate - Brazil

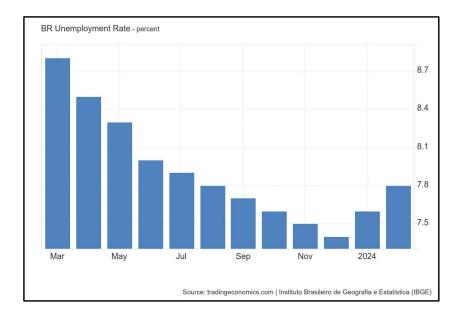
3 Year Trend

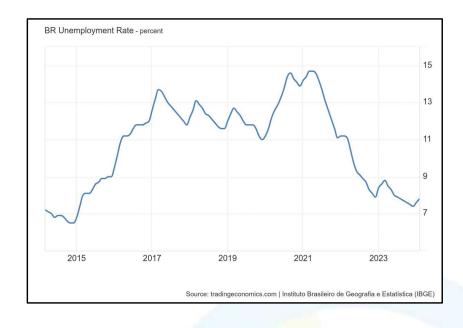




Unemployment Trends - Brazil

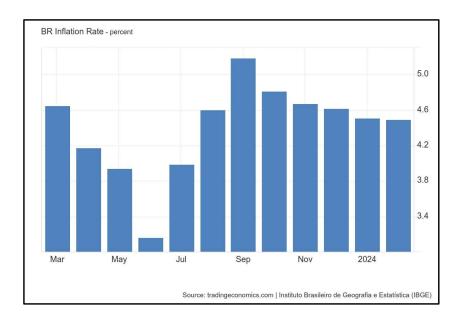
Short Term Trend

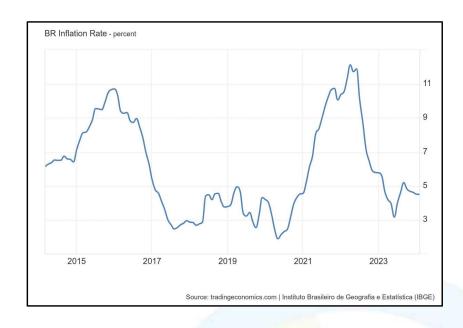




Inflation Trends - Brazil

Short Term Trend





Canada





Key Stats:

Population: 38.8 million (Mar 24)

Debt to GDP: 107% (2022)

Interest rates: 5% (Mar 24)

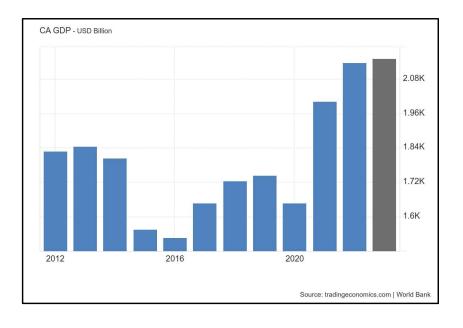


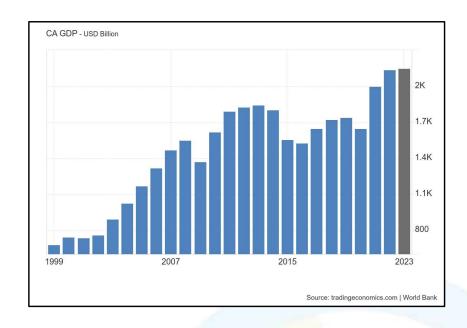
Import / Export Update: Source: The Observatory of Economic Complexity

- Top 5 Exp: Crude Petroleum, Cars, Petroleum Gas, Refined Petroleum, Gold
- Top 5 Imp: Cars, Refined Petroleum, Motor vehicles; parts and accessories, Delivery Trucks, Crude Petroleum
- Top 3 Exp: USA, China and Japan
- Top 3 Imp: USA, China and Mexico

GDP- Canada

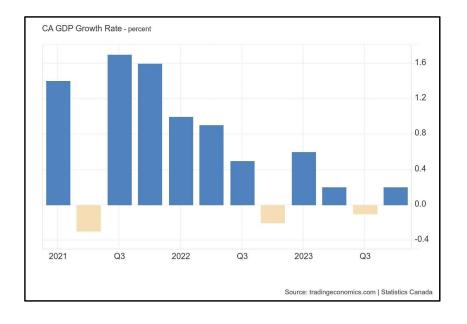
10 Year Trend

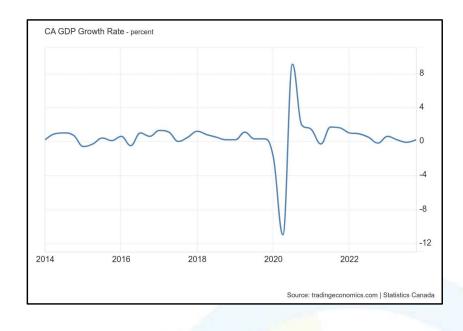




GDP Growth Rate - Canada

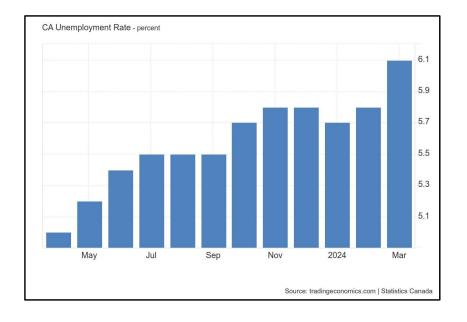
3 Year Trend

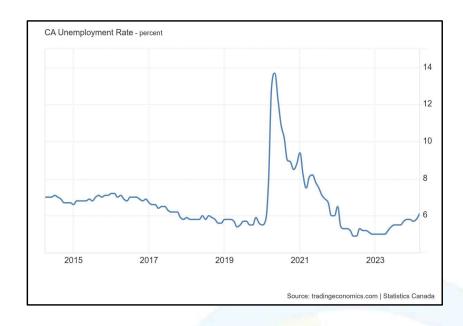




Unemployment Trends - Canada

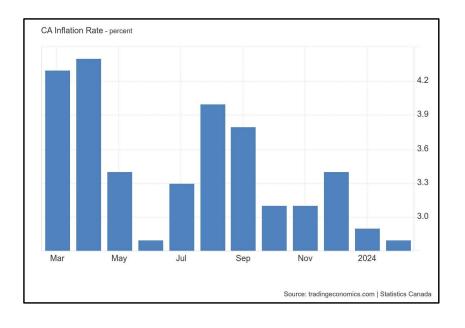
Short Term Trend

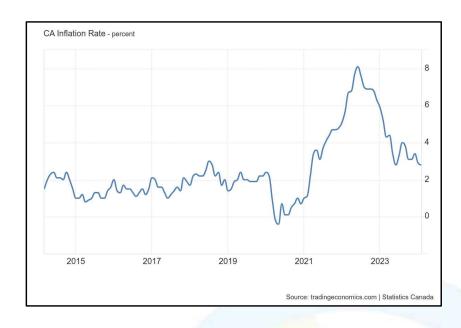




Inflation Trends - Canada

Short Term Trend





Sea Freight – Spot Freight Rates



Route	Route code	21-Mar-24	28-Mar-24	4-Apr-24	Weekly change (%)	Annual change (%)
Composite Index	WCI-COMPOSITE	\$3,010	\$2,929	\$2,838	-3%	66%
Shanghai - Rotterdam	WCI-SHA-RTM	\$3,209	\$3,159	\$3,078	-3%	101%
Rotterdam - Shanghai	WCI-RTM-SHA	\$827	\$814	\$794	-2% 🔻	17% 🛦
Shanghai - Genoa	WCI-SHA-GOA	\$3,882	\$3,806	\$3,614	-5%	81%
Shanghai - Los Angeles	WCI-SHA-LAX	\$3,934	\$3,825	\$3,704	-396 🔻	113%
Los Angeles - Shanghai	WCI-LAX-SHA	\$701	\$691	\$688	0%	-35% ▼
Shanghai - New York	WCI-SHA-NYC	\$5,376	\$5,058	\$4,894	-3%	96%
New York - Rotterdam	WCI-NYC-RTM	\$858	\$637	\$622	-2% 🔻	-42% ▼
Rotterdam - New York	WCI-RTM-NYC	\$2,281	\$2,261	\$2,244	-196 y	-55% ▼

Source: Drewry

Historical Context:

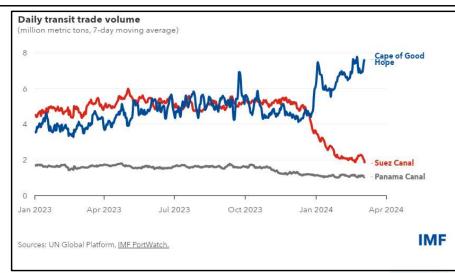
Shanghai to Los Angeles (40ft):

Pre Covid - Feb 20: \$1,474 USD

Peak – Sep 21: \$12,172 USD

Jan 23 Suez: 4.43 CGH: 3.54

Panama: 1.69



Mar 24

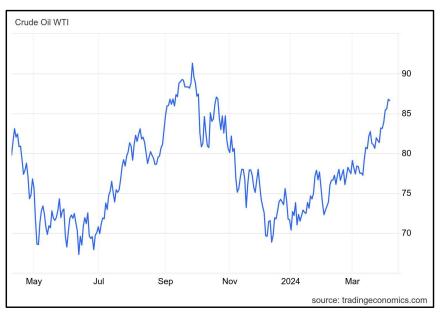
Suez: 1.82

CGH: 7.63

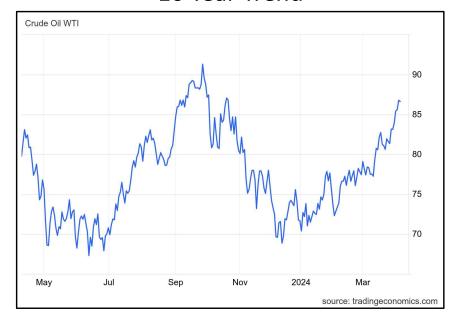
Panama: 1.05

Crude Oil (WTI)

Short Term Trend



10 Year Trend





Mar 31st 2024: \$83.12 USD/Barrel

Mar 31st 2023: \$75.80 USD/Barrel

Increase: 9.66%

Historical Context:

24th Feb 2022 (date Russia invaded

Ukraine): \$90.94 USD

Peak: 8th Mar 2022: \$119.65

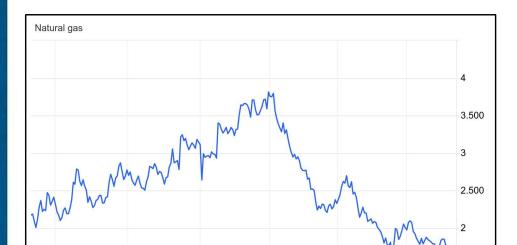


Natural Gas

Short Term Trend

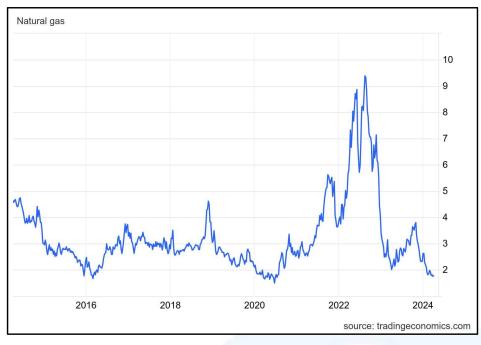
Natural gas

May



2024

10 Year Trend





Sep

Nov

Mar 31st 2024: \$1.75 USD / MMBtu

Mar 31st 2023: \$2.22 USD / MMBtu

Decrease: 21.17%

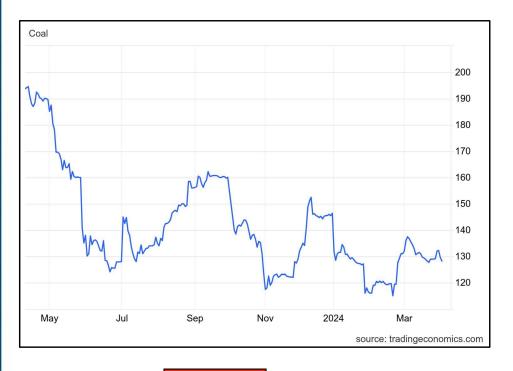
Mar

source: tradingeconomics.com

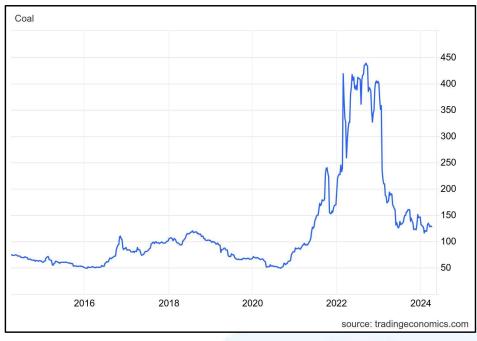


Coal

Short Term Trend



10 Year Trend



2020





Mar 31st 2024: \$129 USD / T

Mar 31st 2023: \$177 USD / T

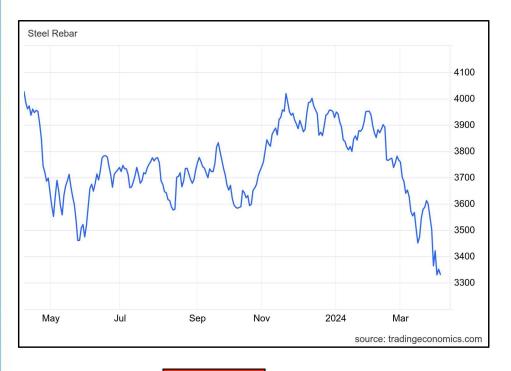
Decrease: 27.12%



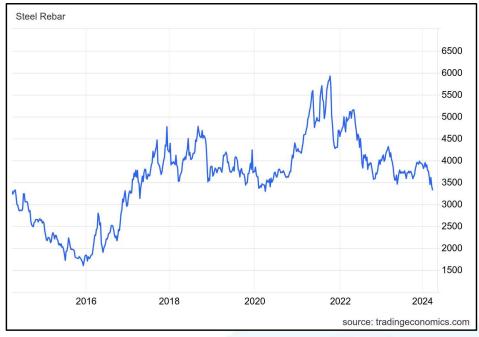
5

Steel

Short Term Trend



10 Year Trend



2021





Mar 31st 2024: \$3,421 CNY / T

Mar 31st 2023: \$4,175 CNY / T

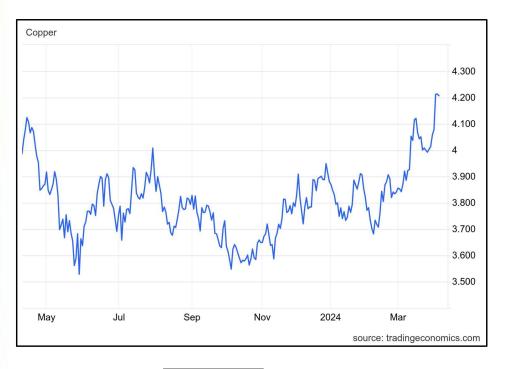
Decrease: 18.06%



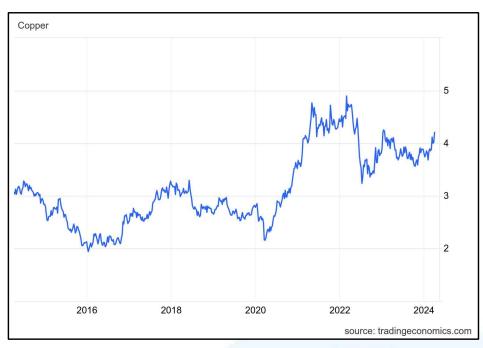
NA

Copper

Short Term Trend



10 Year Trend



2020







Mar 31st 2024: \$4.014 USD / Lbs

Mar 31st 2023: \$4.088 USD / Lbs

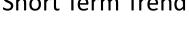
Decrease: 1.81%



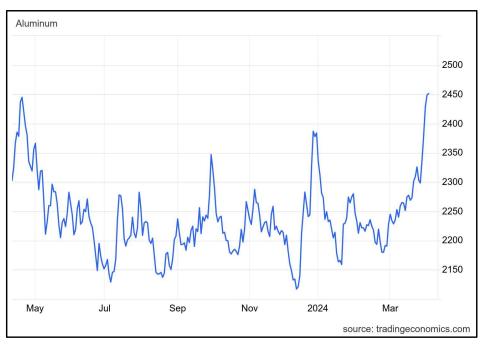
6

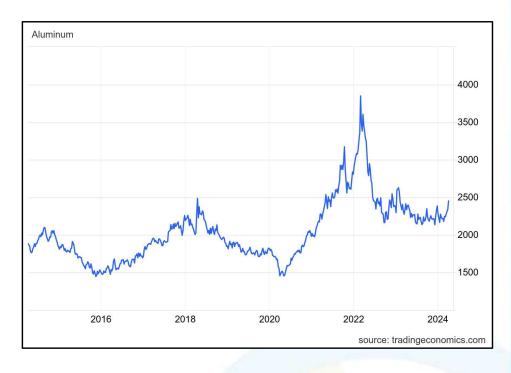
Aluminum

Short Term Trend









2019



Mar 31st 2024: \$2,337 USD / T

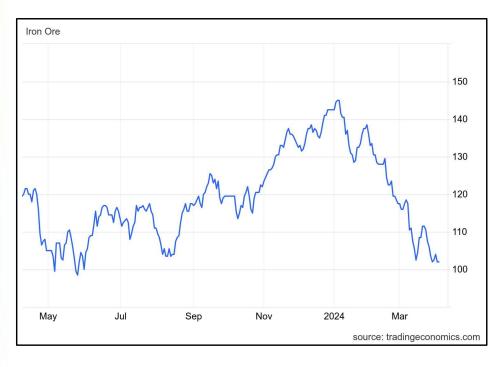
Mar 31st 2023: \$2,413 USD / T

Decrease: 3.15%

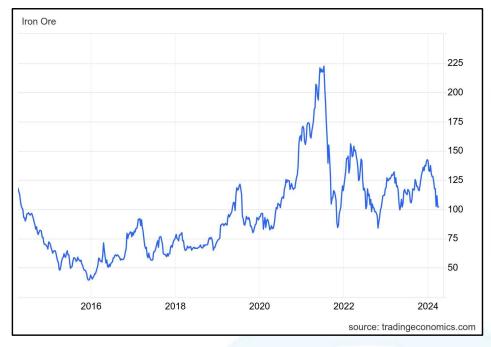


Iron Ore

Short Term Trend



10 Year Trend



2019







Mar 31st 2024: \$102 USD / T

Mar 31st 2023: \$127 USD / T

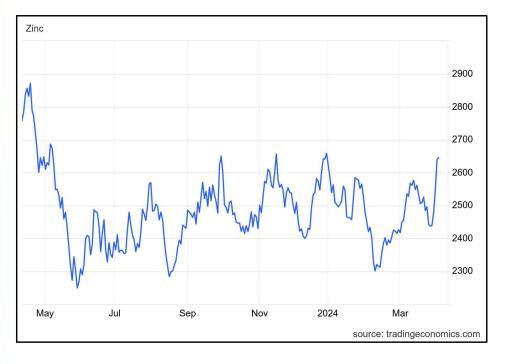
Decrease: 29.13%



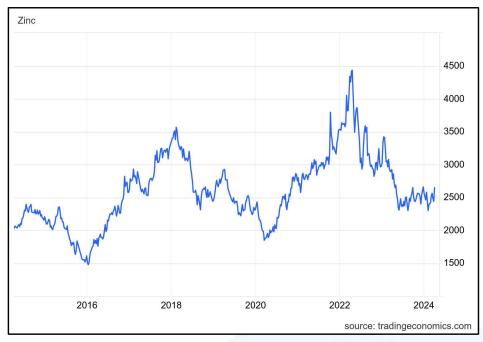
1

Zinc

Short Term Trend



10 Year Trend



2019







Mar 31st 2024: \$2,439 USD / T

Mar 31st 2023: \$2,922 USD / T

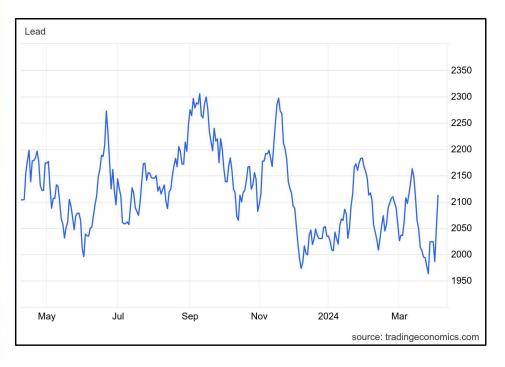
Decrease: 16.53%



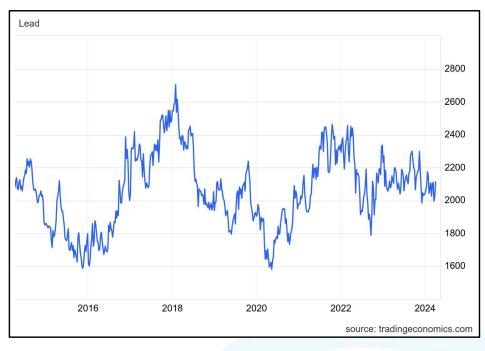
3

Lead

Short Term Trend



10 Year Trend



2021







Mar 31st 2024: \$2,024 USD / T

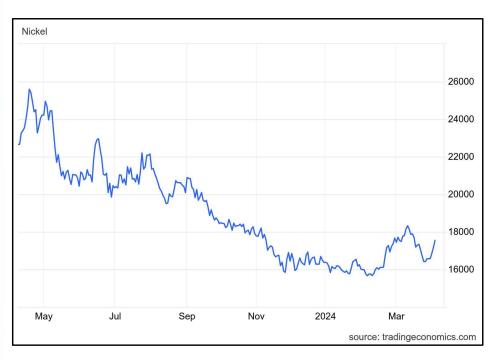
Mar 31st 2023: \$2,123 USD / T

Decrease: 4.66%

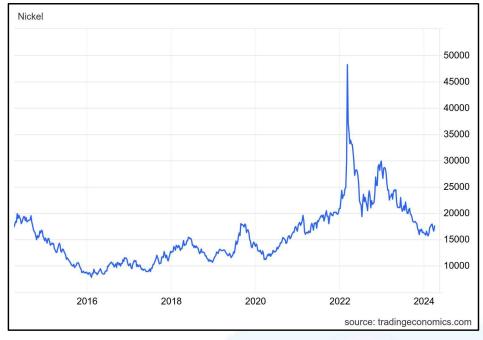


Nickel

Short Term Trend

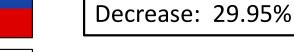


10 Year Trend





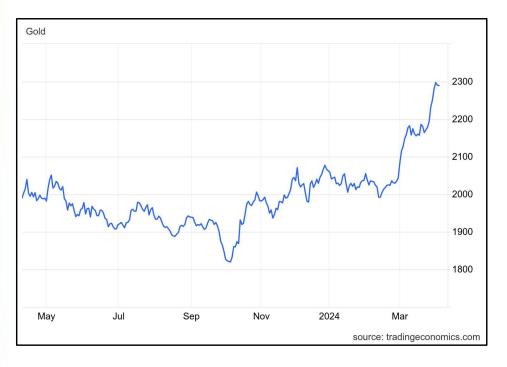
Mar 31st 2024: \$16,568 USD / T Mar 31st 2023: \$23,651 USD / T



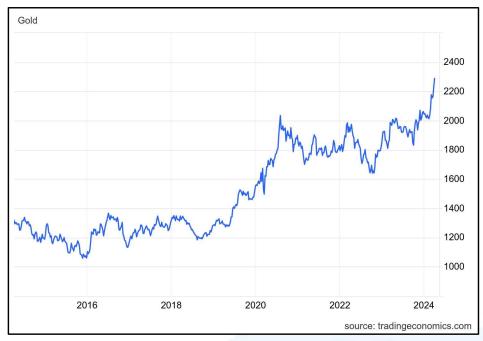


Gold

Short Term Trend



10 Year Trend



2020







Mar 31st 2024: \$2,232 USD / t oz

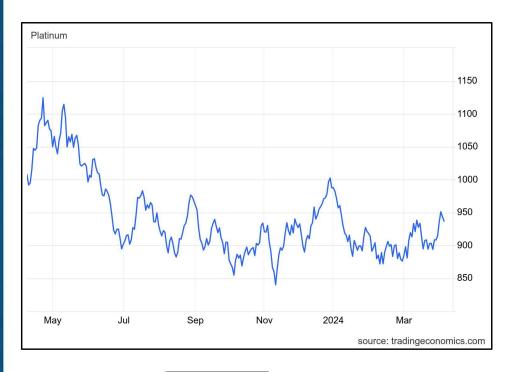
Mar 31st 2023: \$1,968 USD / t oz

Increase: 13.47%

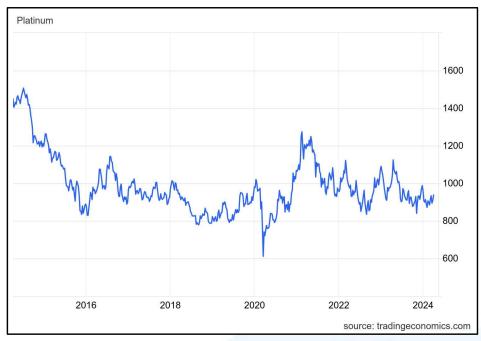


Platinum

Short Term Trend



10 Year Trend



2019



Mar 31st 2024: \$908 USD / t oz

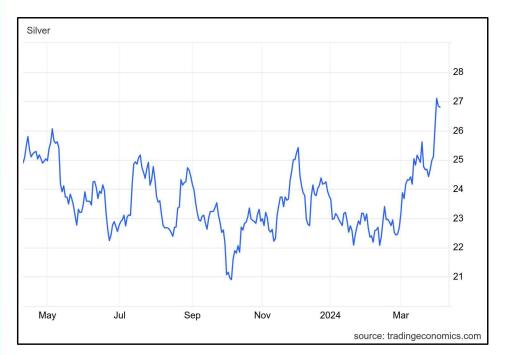
Mar 31st 2023: \$991 USD / t oz

Decrease: 8.37%

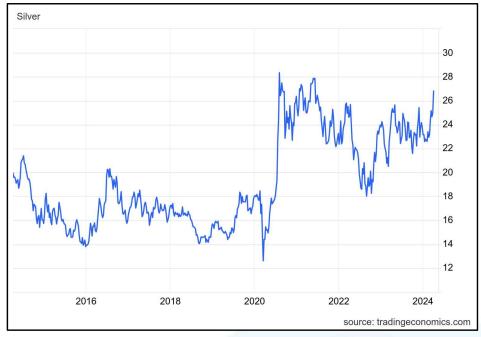


Silver

Short Term Trend



10 Year Trend



2018







Mar 31st 2024: \$24.97 USD / t oz

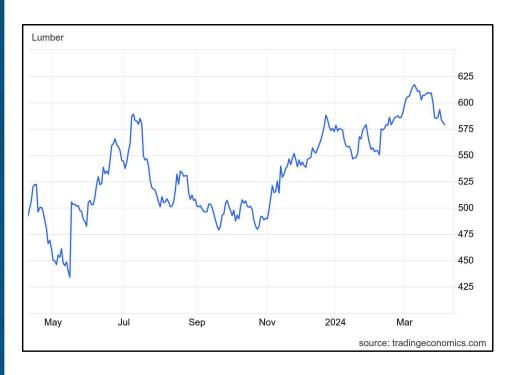
Mar 31st 2023: \$24.07 USD / t oz

Increase: 3.74%

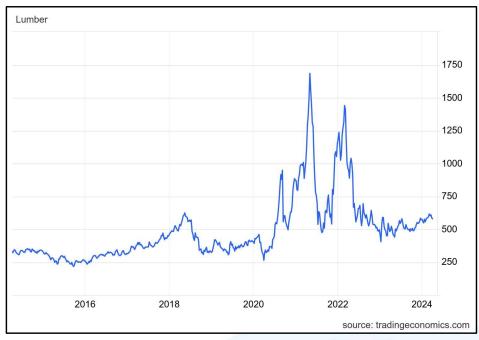


Lumber

Short Term Trend



10 Year Trend



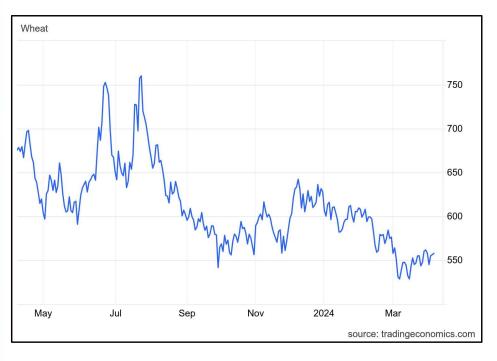
Mar 31st 2024: \$587 USD/1,000 board ft

Mar 31st 2023: \$483 USD/1,000 board ft

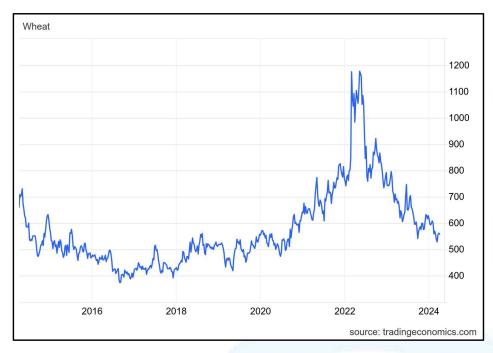
Increase: 21.53%

Wheat

Short Term Trend



10 Year Trend





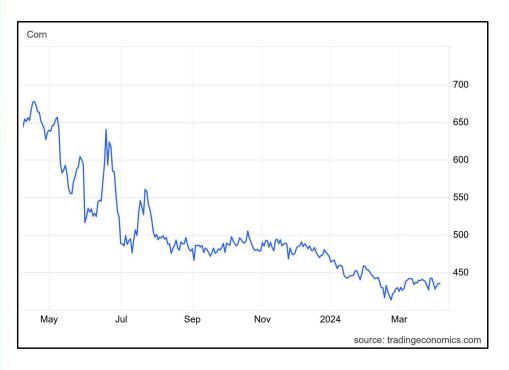
2020

Mar 31st 2024: \$562 USD / Bu Mar 31st 2023: \$692 USD / Bu Decrease: 18.78%

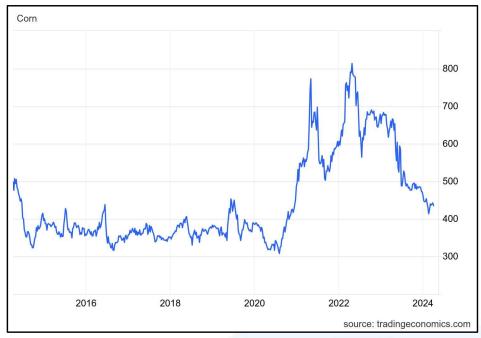


Corn

Short Term Trend



10 Year Trend



2020



Mar 31st 2024: \$442 USD / Bu

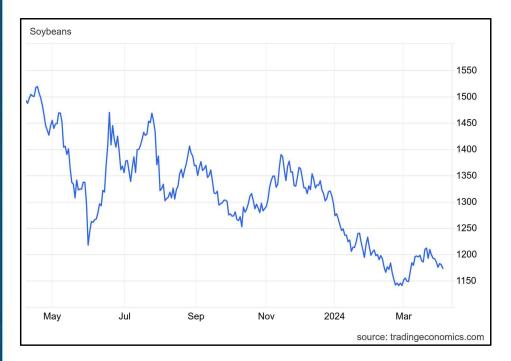
Mar 31st 2023: \$661 USD / Bu

Decrease: 33.13%

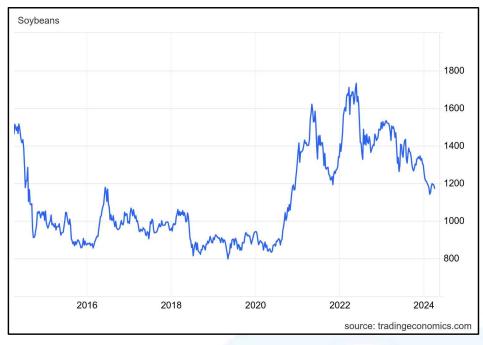


Soybeans

Short Term Trend



10 Year Trend



2020







Mar 31st 2024: \$1,191 USD / Bu

Mar 31st 2023: \$1,505 USD / Bu

Decrease: 20.86%



Sugar

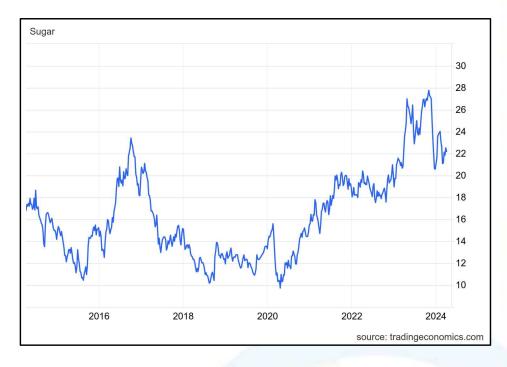
Short Term Trend

29 28 27 26 25 24 23

Nov

2024

10 Year Trend



2020

May



Sep





Mar 31st 2024: \$22.52 USD / Lbs

Mar 31st 2023: \$22.25 USD / Lbs

Increase: 1.21%

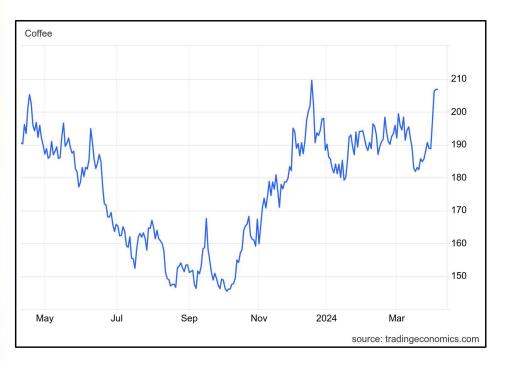
Mar

source: tradingeconomics.com

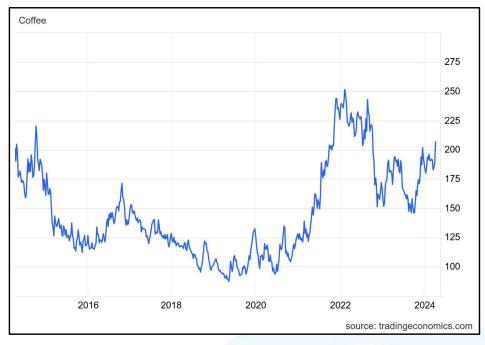


Coffee

Short Term Trend



10 Year Trend



2019







Mar 31st 2024: \$189 USD / Lbs

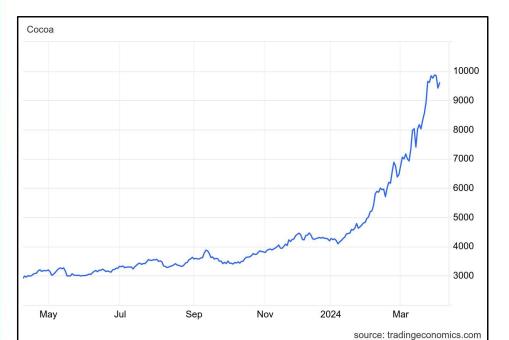
Mar 31st 2023: \$170 USD / Lbs

Increase: 11.17%

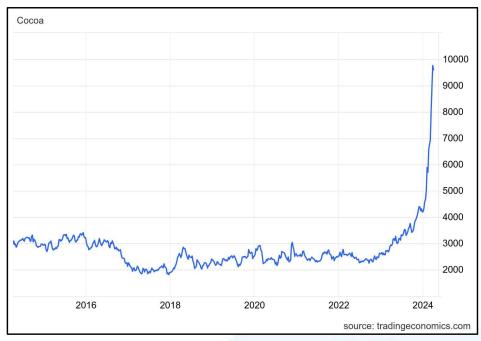


Cocoa

Short Term Trend



10 Year Trend





Mar 31st 2024: \$9,766 USD / T

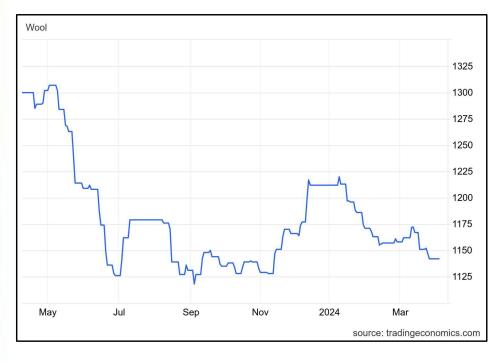
Mar 31st 2023: \$2,933 USD / T

Increase: 232.97%

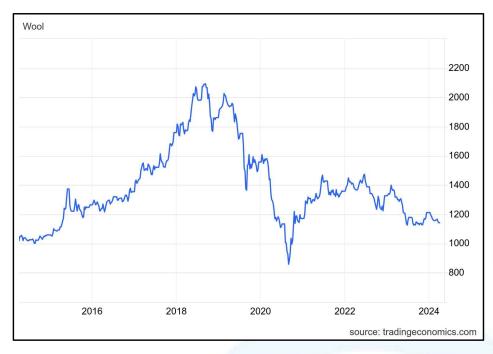


Wool

Short Term Trend



10 Year Trend



2020



* * *



Mar 31st 2024: \$1,142 AUD / 100Kg

Mar 31st 2023: \$1,318 AUD / 100Kg

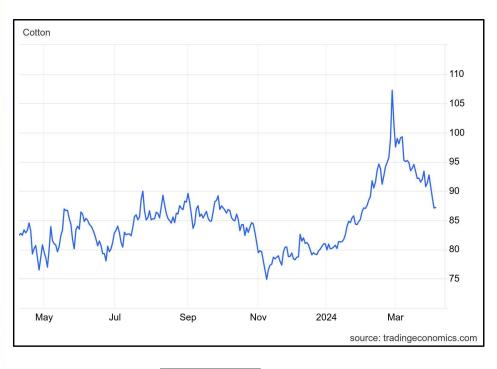
Decrease: 13.35%

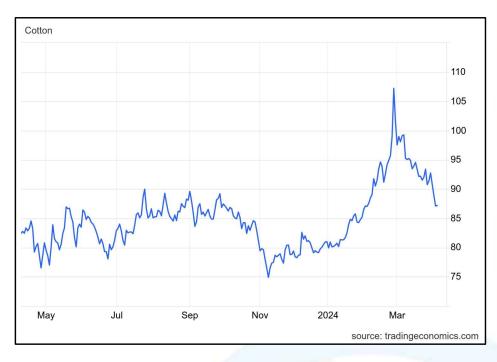


Cotton

Short Term Trend

10 Year Trend





2020







Mar 31st 2024: \$91.38 USD / Lbs

Mar 31st 2023: \$82.78 USD / Lbs

Increase: 10.39%



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