

Weekly Review in Charts
23 to 29 October 2023

Kevin Lings

29 October 2023

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Weekly economic review: 23 to 29 October 2023

27 October 2023

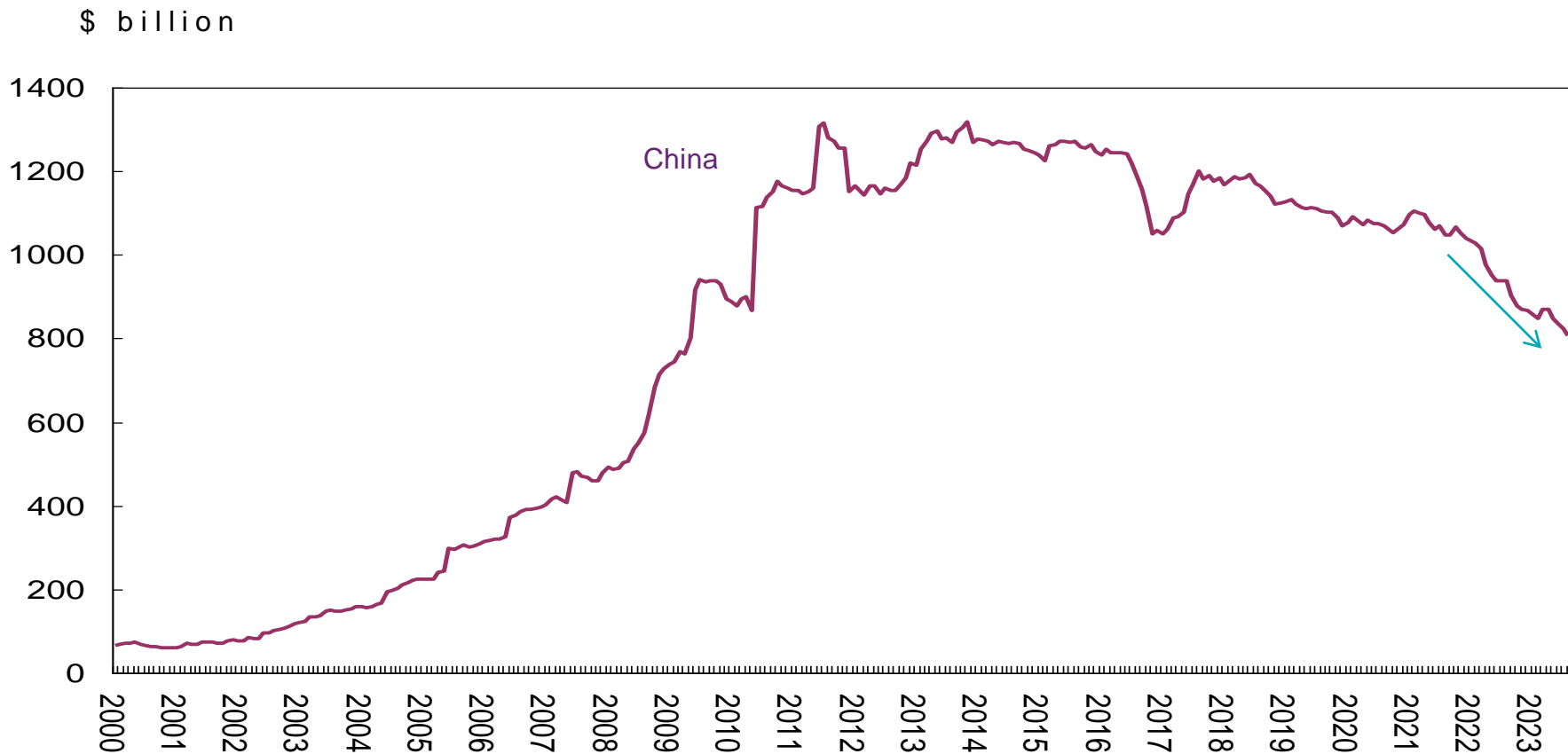
	2019 %	2020 %	2021 %	2022 %	2023 Year-to-date
South Africa All Share Index	8.2%	4.1%	24.1%	-0.9%	-4.9%
Dow Jones Industrial Average	22.3%	7.2%	18.7%	-8.8%	-2.2%
S&P 500 equity index	28.9%	16.3%	26.9%	-19.4%	7.2%
Nasdaq 100 index	38.0%	47.6%	26.6%	-33.0%	29.6%
Stoxx Euro 600	23.2%	-4.0%	22.2%	-12.9%	1.1%
FTSE 100 Index	12.1%	-14.3%	14.3%	0.9%	-2.2%
Shanghai Composite Index	22.3%	13.9%	4.8%	-15.1%	-1.6%
NIKKEI 225 Index	18.2%	16.0%	4.9%	-9.4%	18.8%
Gold	18.3%	25.0%	-3.6%	0.4%	9.3%
Oil	21.9%	-21.7%	52.9%	8.7%	1.5%
Rand/Dollar	-2.7%	5.0%	8.6%	-6.2%	-9.8%
Dollar/Euro	-1.8%	9.0%	-7.1%	6.6%	0.9%
Bitcoin	92.2%	303.2%	59.7%	-64.3%	104.9%
<i>US 10-year bond yield</i>	1.92%	0.93%	1.52%	3.88%	4.84%
<i>US 2-year bond yield</i>	1.58%	0.13%	0.73%	4.41%	4.99%
<i>SA 10-year bond yield</i>	8.48%	7.70%	8.60%	9.88%	11.11%

Weekly economic review: 23 to 29 October 2023

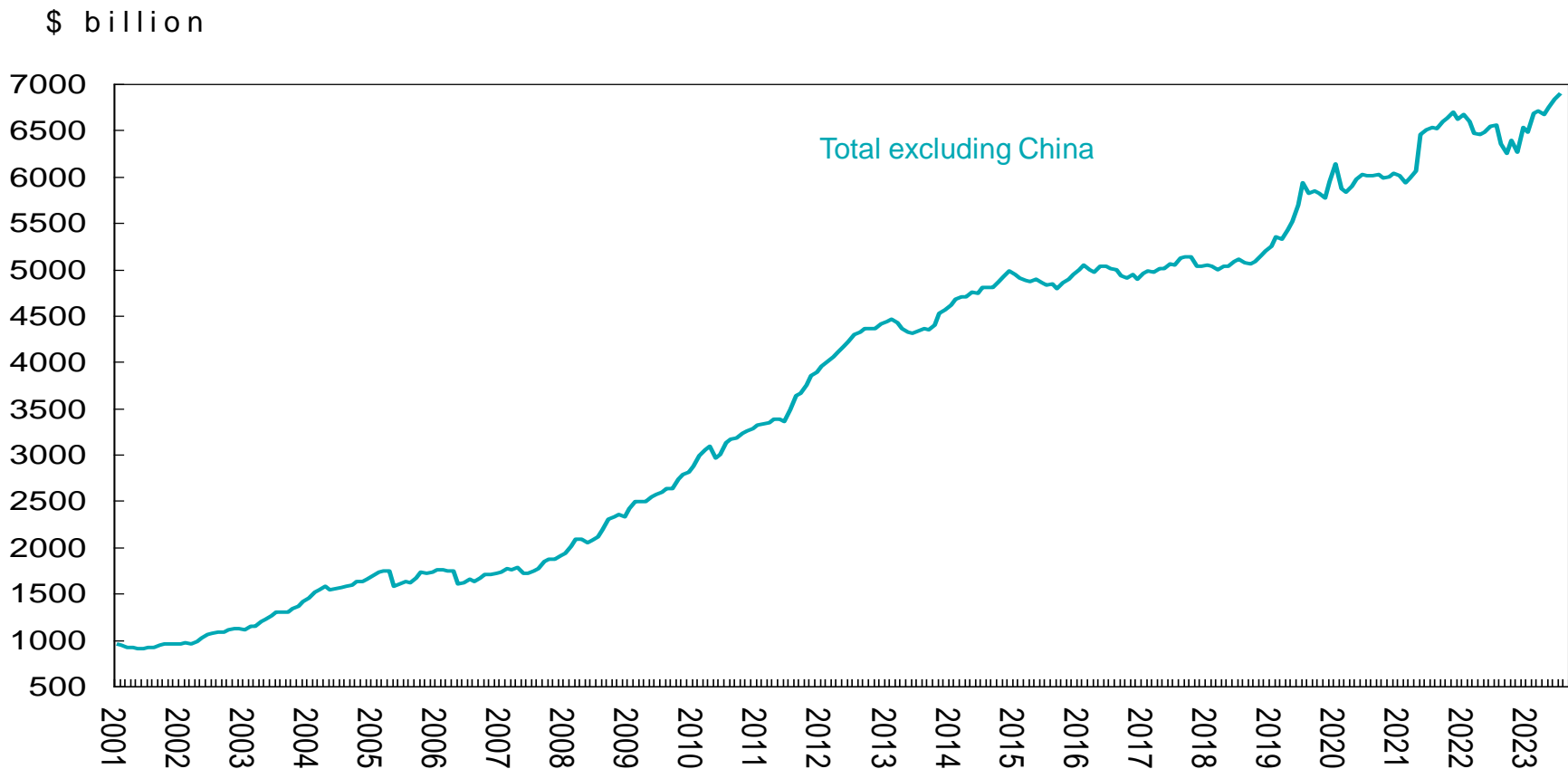
Chart of the week

- Foreign ownership of US government debt increased to \$7.7 trillion in August 2023, matching the prior record high recorded at the end of 2021. This represents around 23% of total US government debt that is subject to the debt limit.
- From September 2008 to September 2016 China was the largest foreign owner of US government debt, peaking at \$1.31 trillion in July 2011. Since then, China's ownership has fallen to \$805.4 billion, declining by more than \$200 billion in the past 18 months.
- China appears has made a strategic decision to systematically reduce its holdings of US government debt. (The same argument applied to Russia from 2013 to 2018). In contrast, the rest of the world owns a record \$6.9 trillion of US government in August 2023, which has risen by an impressive \$347 billion over the past 12 months, despite higher US bond yields.
- In August 2023, the official sector (central banks/government) owned \$3.74 trillion of US government debt (down \$137 billion over the past year), while the private sector owned \$3.97 trillion, up \$351 billion in the past 12 months.

China's holdings of US treasuries



Foreign holding of US treasuries excluding China



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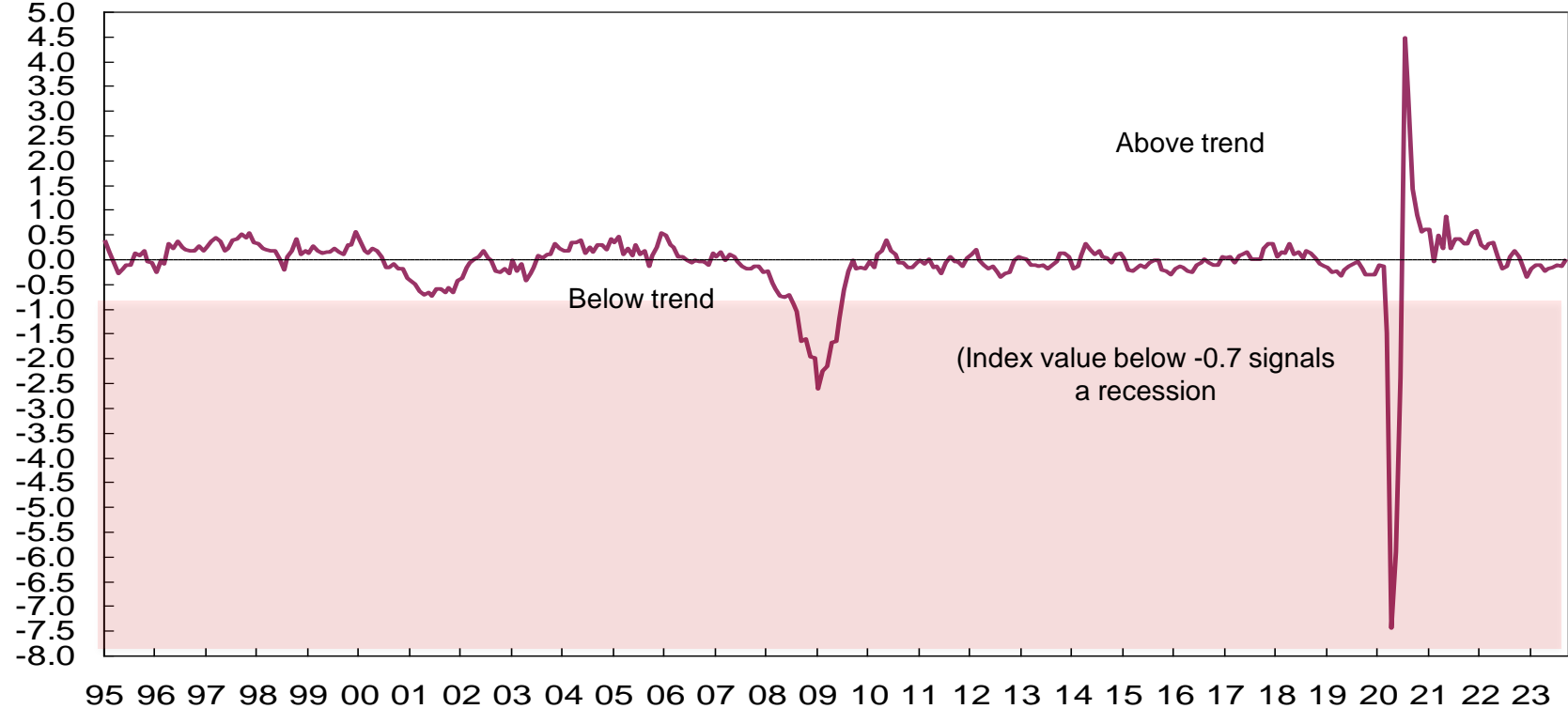
Monday, 23 October 2023

- US Chicago Fed National Activity Index for September 2023

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US Chicago Fed National Activity Index

Index, 3-month average



Weekly economic review: 23 to 29 October 2023

Tuesday, 24 October 2023

- SA leading economic indicator for August 2023
- US new home sales for September 2023
- Euro-area manufacturing and services PMI for October 2023

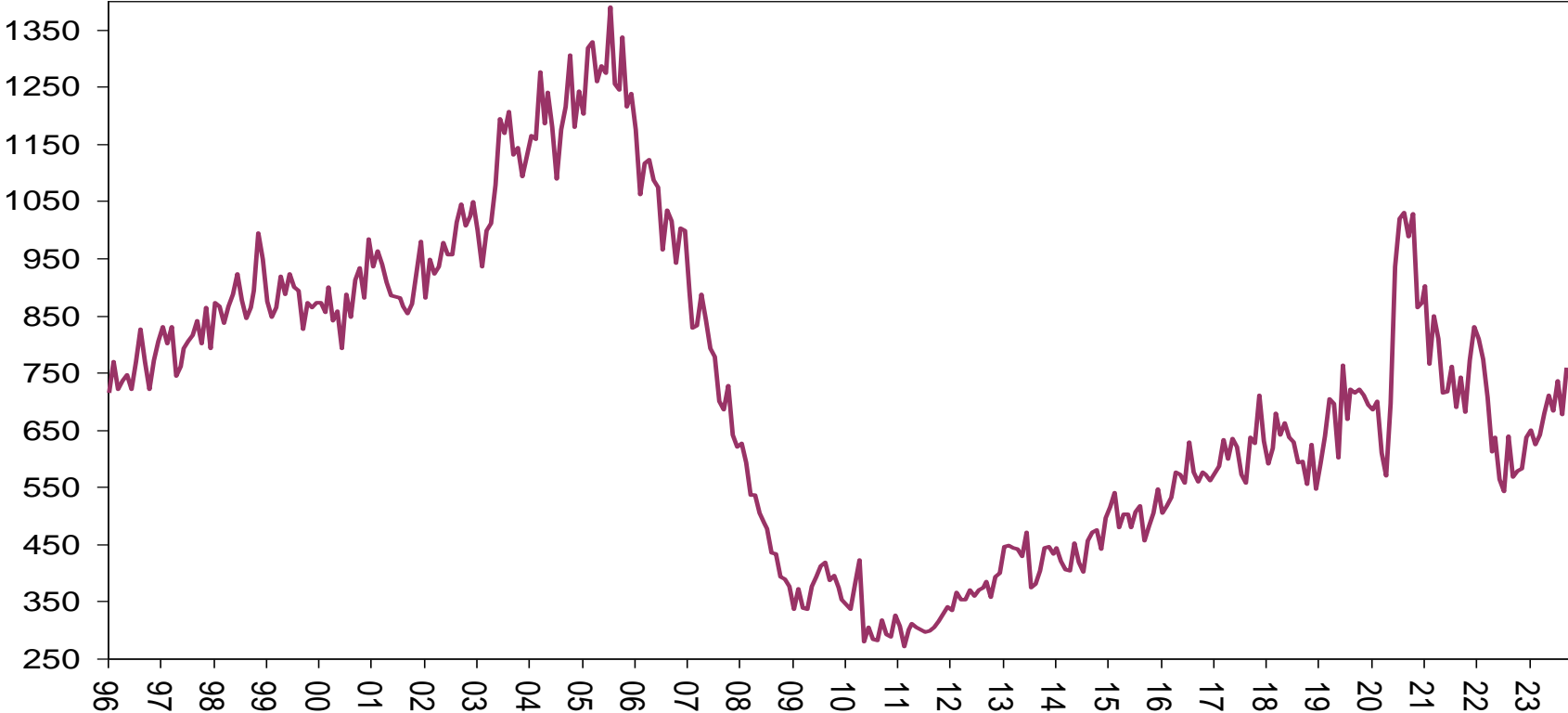
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SA leading economic indicator



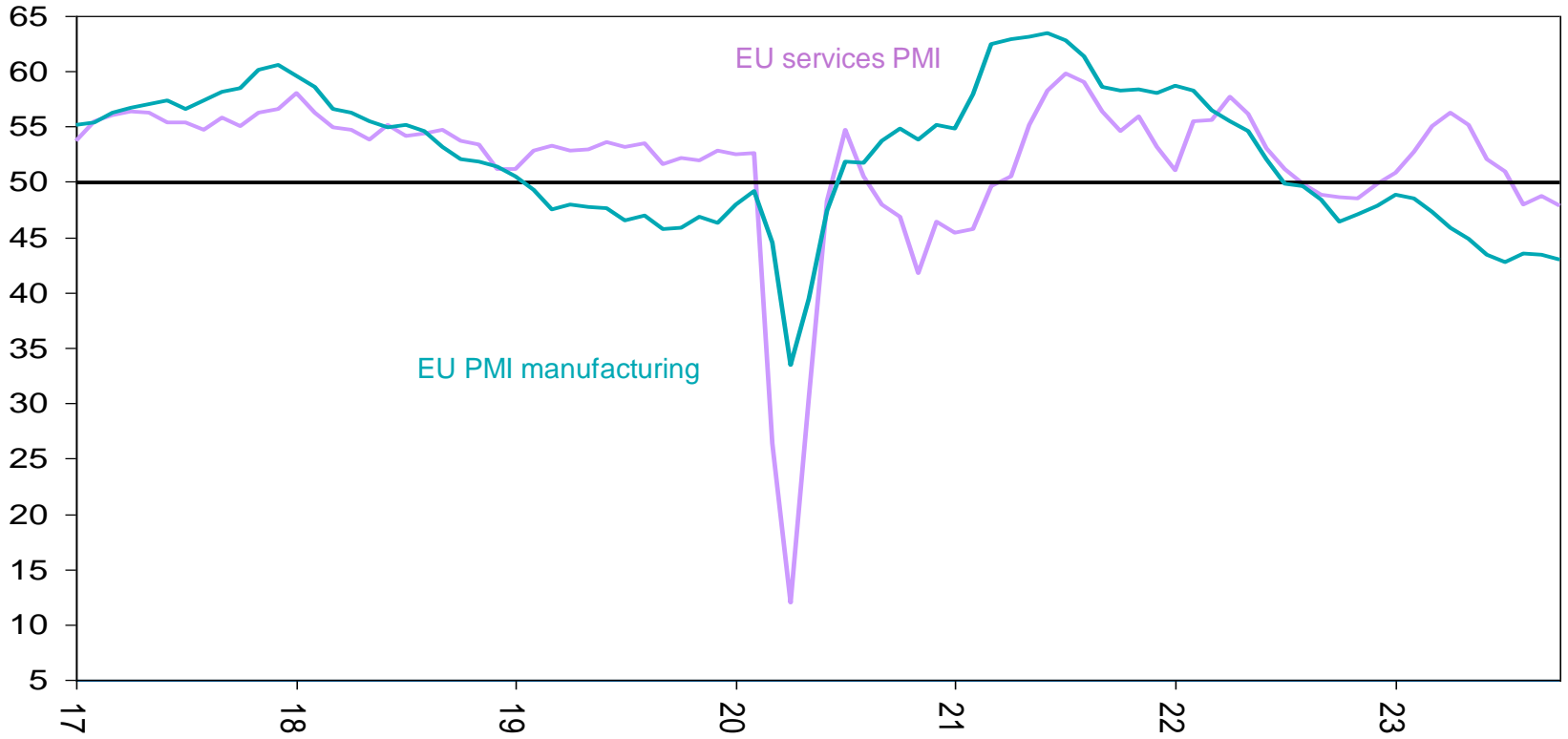
US new home sales

000's



Euro-area manufacturing and services PMI

Index



Weekly economic review: 23 to 29 October 2023

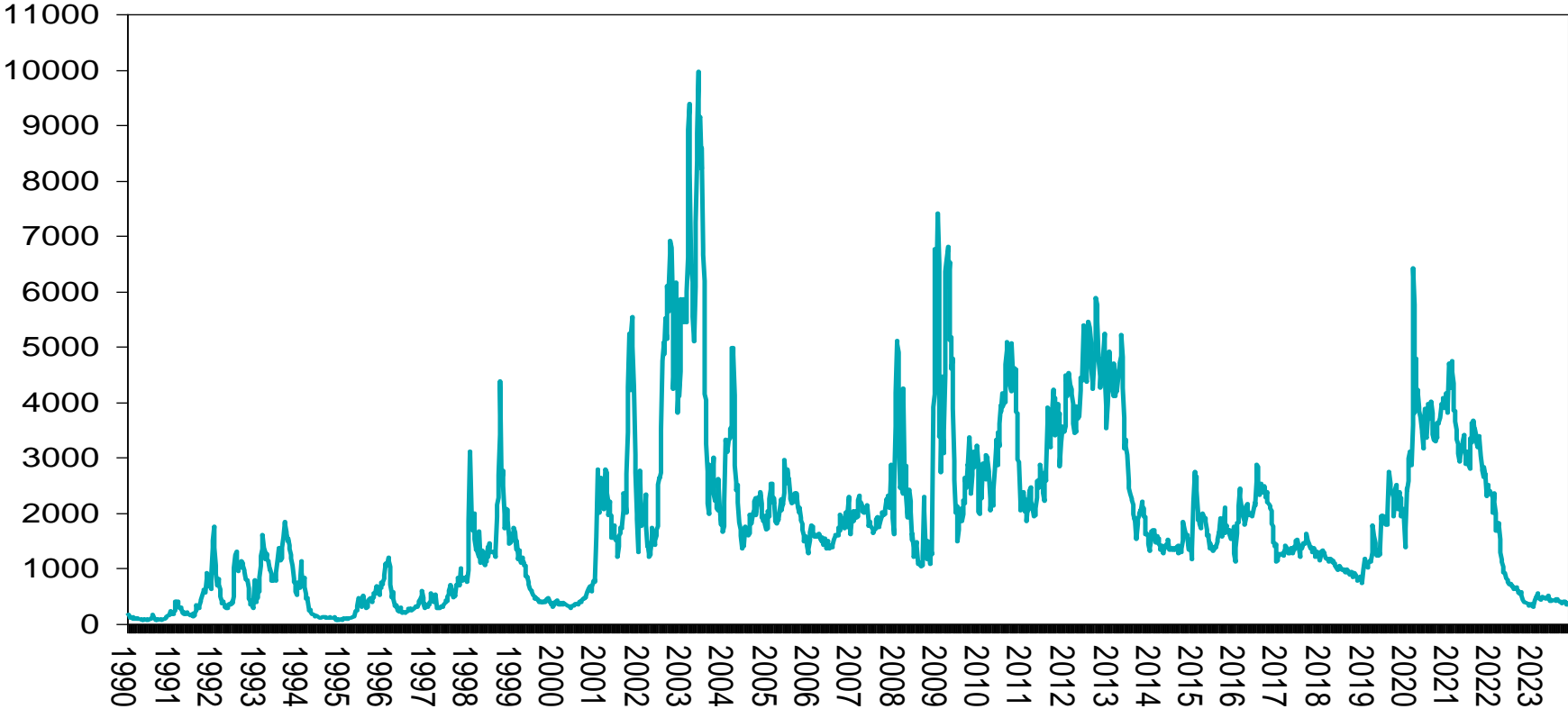
Wednesday, 25 October 2023

- US weekly mortgage applications

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US mortgage refinancing index

Index



US mortgage applications for purchase

Market composite index



US 30-year fixed rate mortgage

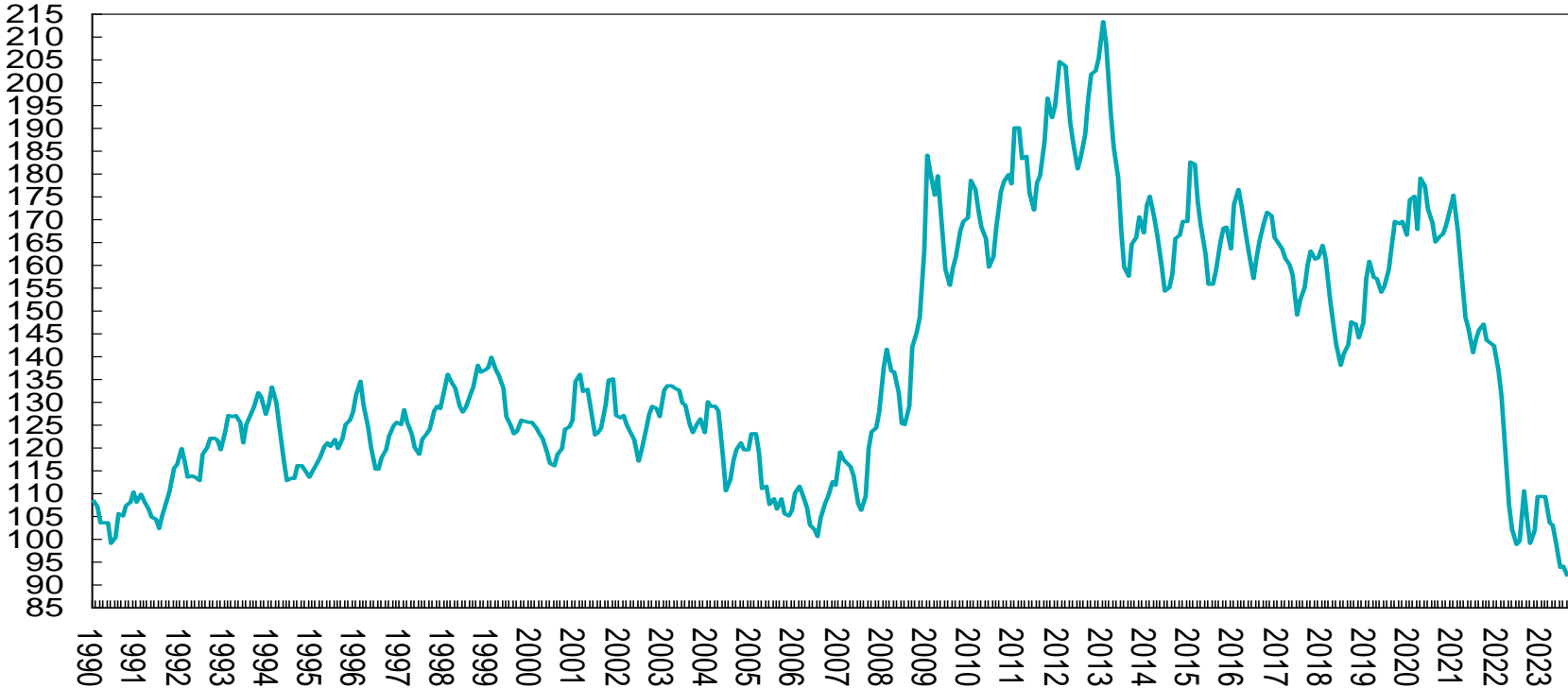
% yield, 30-year rate



US housing affordability

Index, composite

The lower the index the more unaffordable housing has become



Weekly economic review: 23 to 29 October 2023

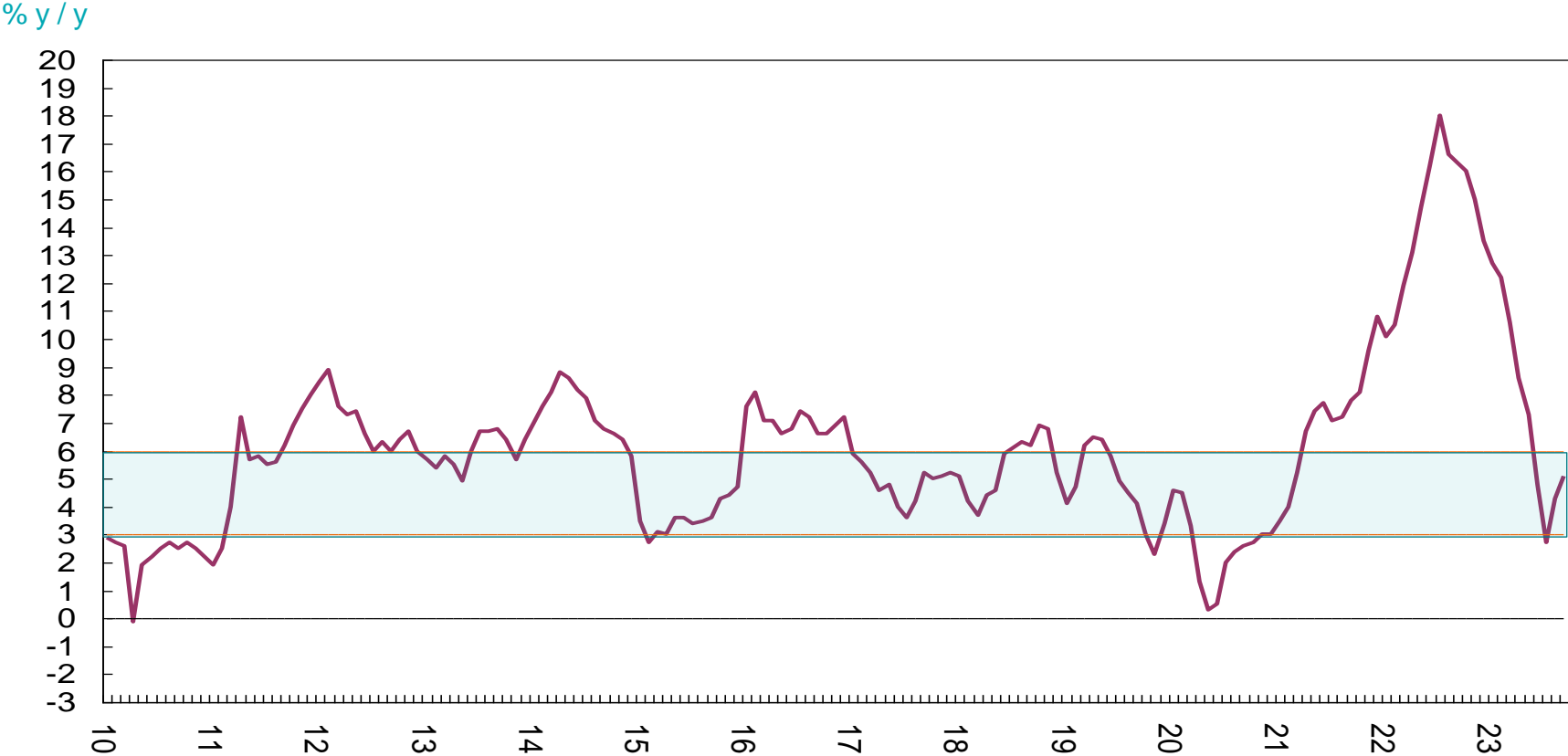
Thursday, 26 October 2023

- SA PPI inflation for September 2023
- US weekly jobless claims
- US retail inventories for September 2023
- US GDP growth for Q3 2023
- US durable goods orders for September 2023
- ECB policy interest rate meeting



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South Africa producer inflation



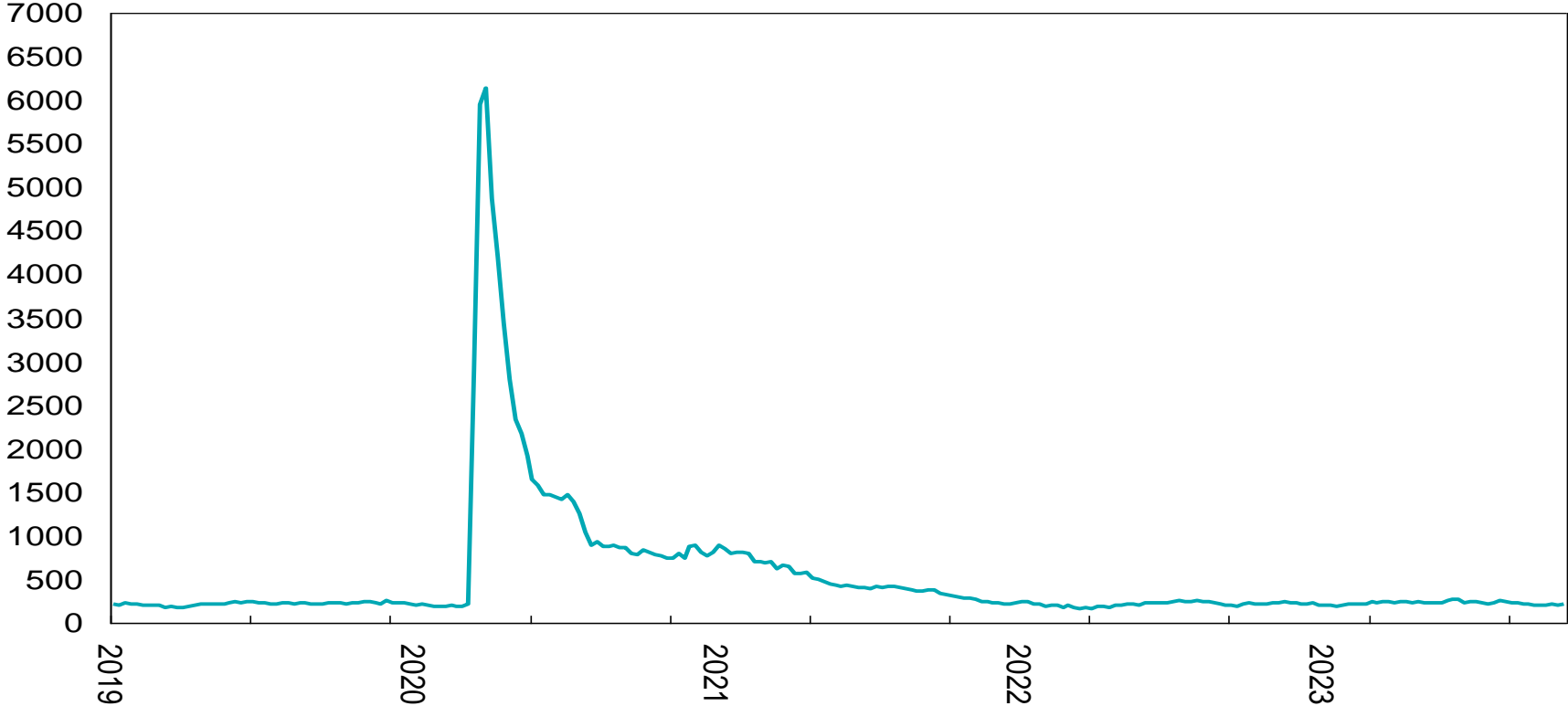
US initial jobless claims

000's



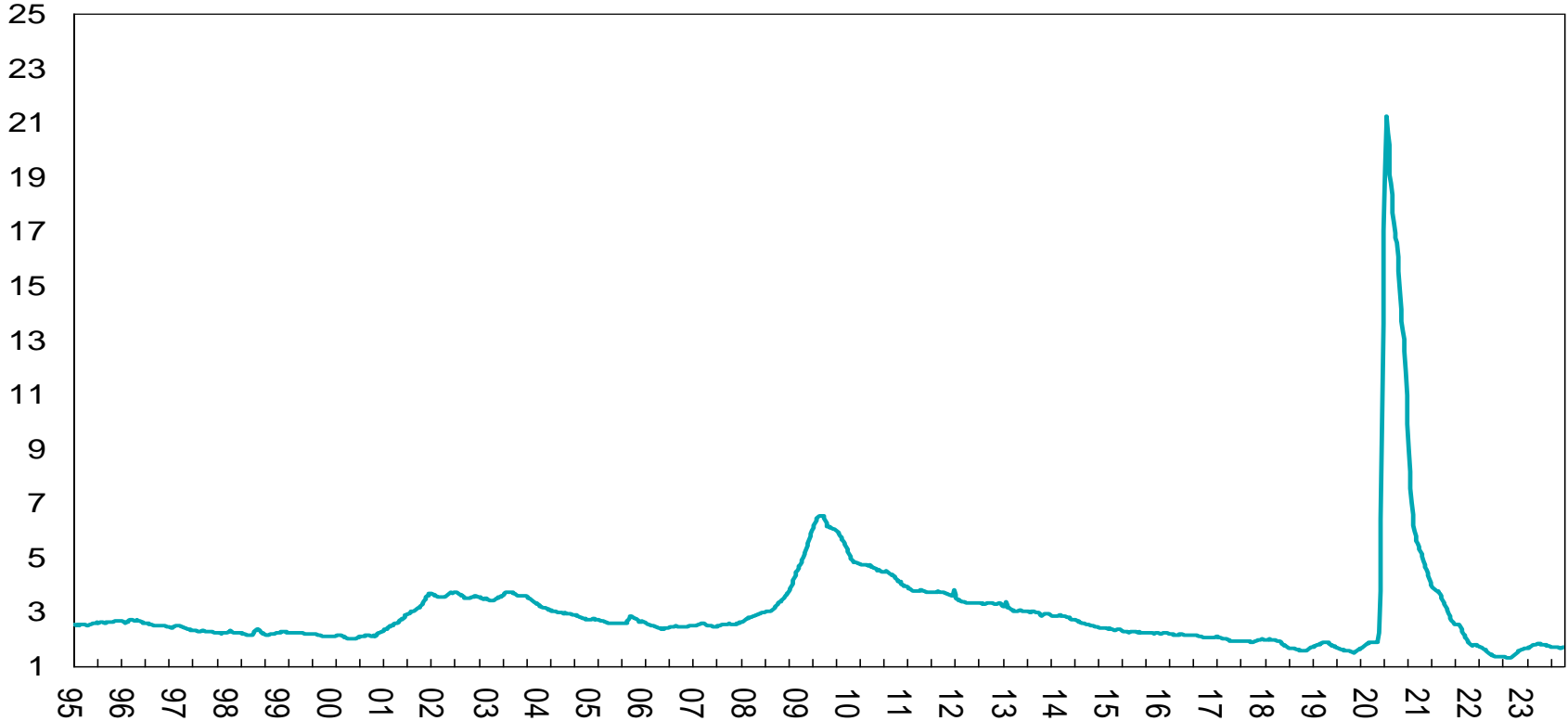
US initial jobless claims

000's



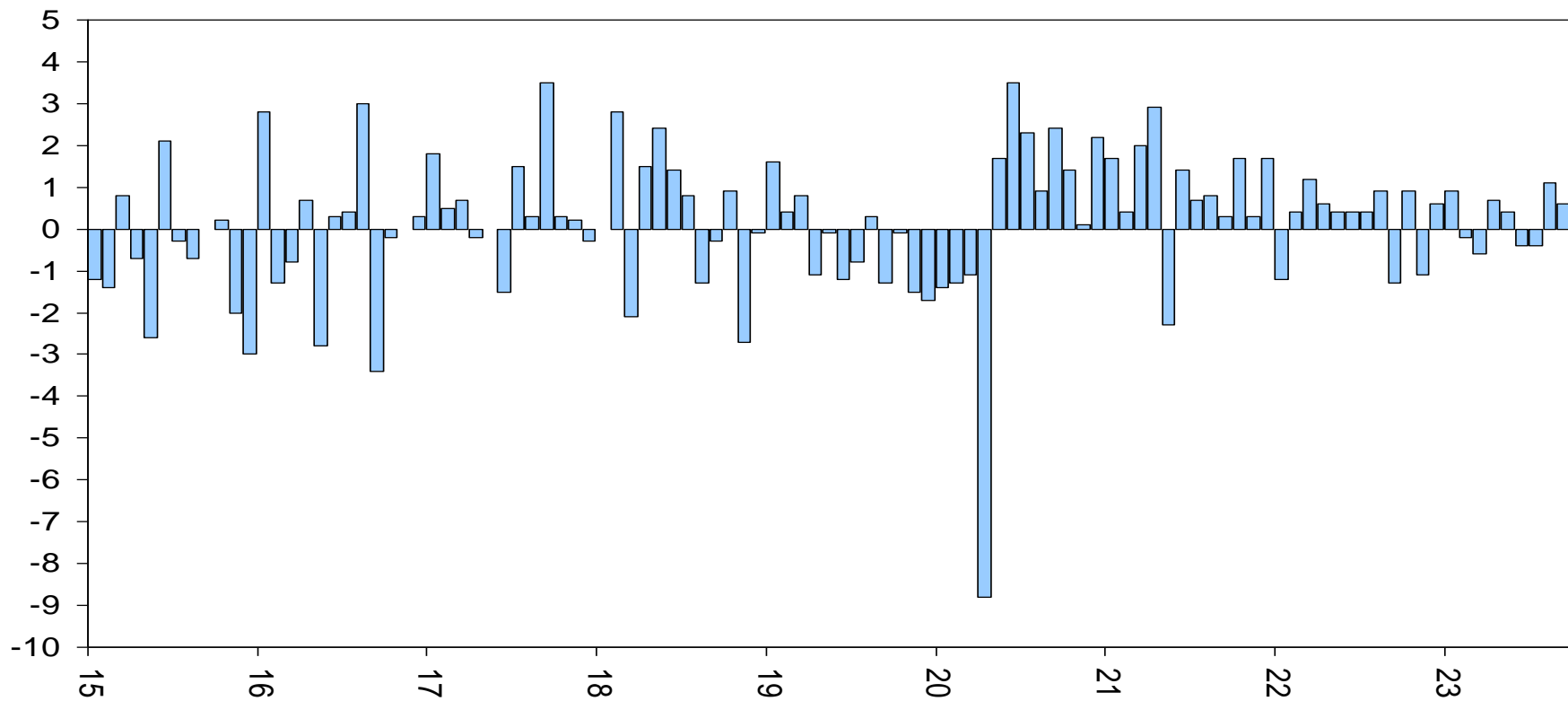
US continuing claims

Million



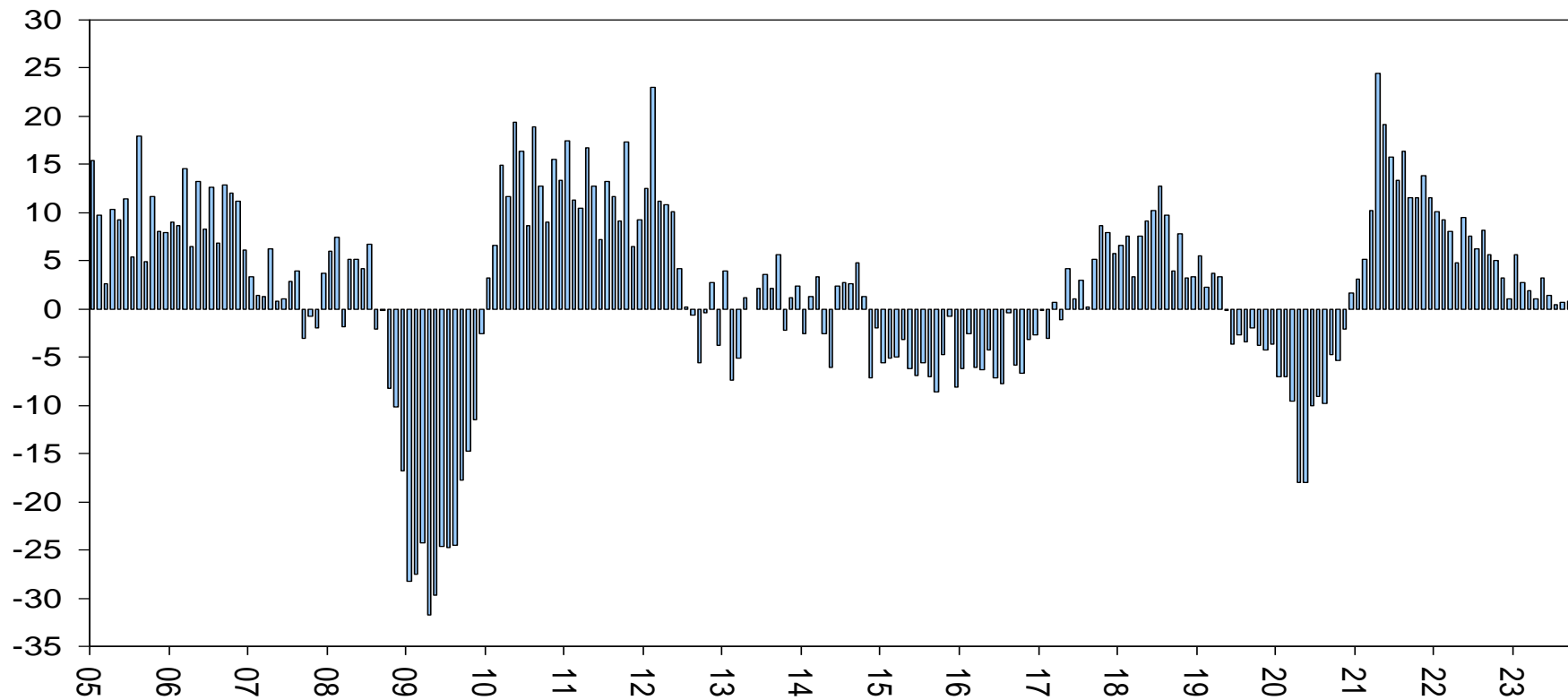
US durable goods orders (excl aircraft and defence)

% m/m

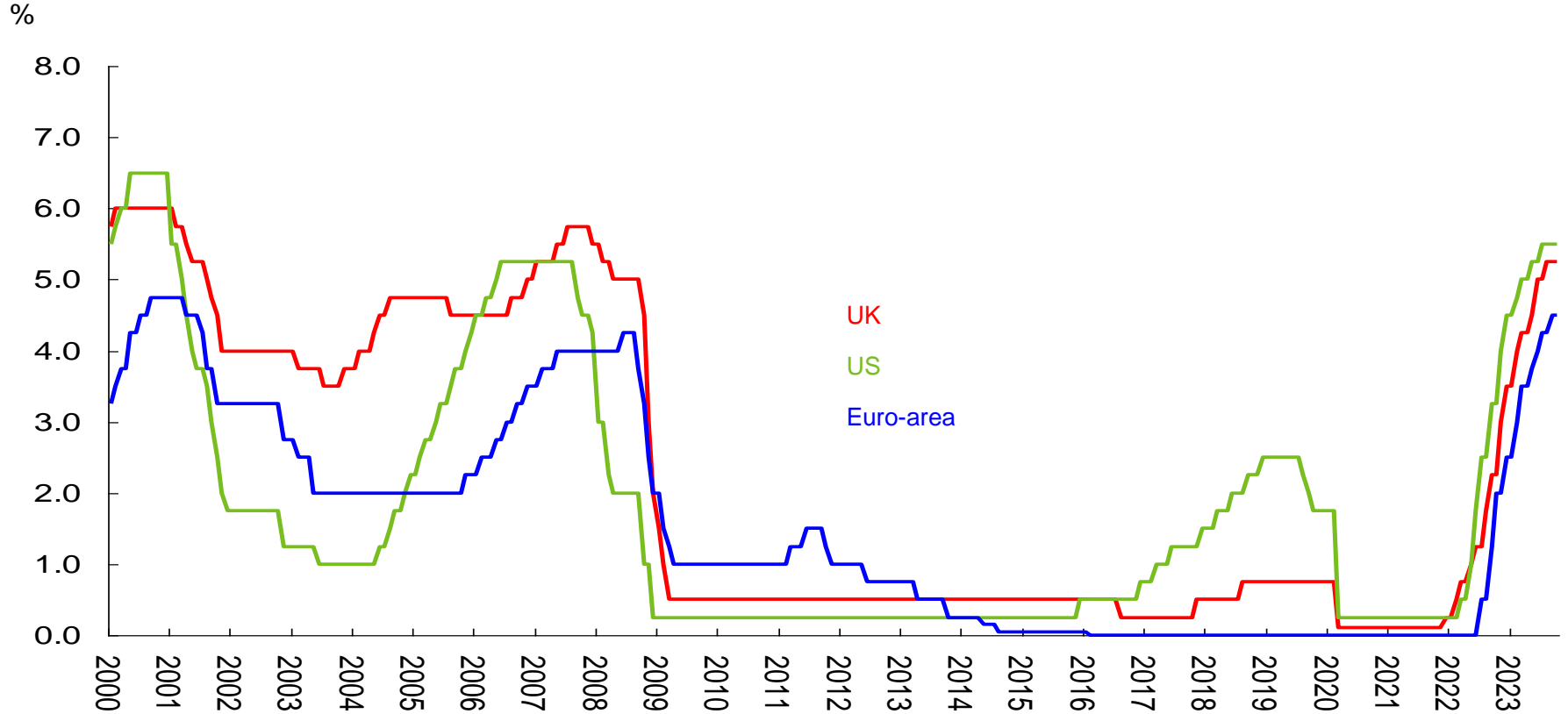


US durable goods orders (excl aircraft and defence)

% y/y



Euro-area, US and UK official interest rates



Weekly economic review: 23 to 29 October 2023

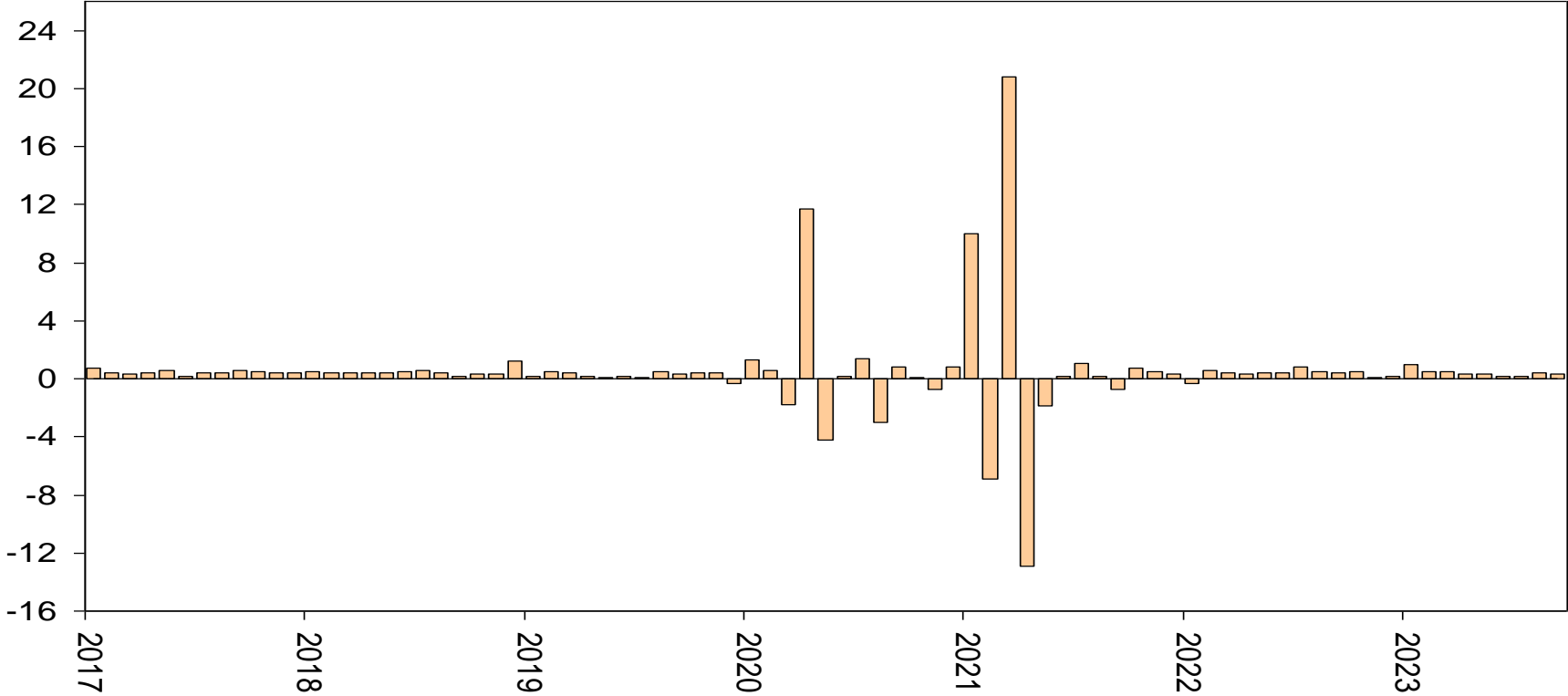
Friday, 27 October 2023

- US growth in personal income for September 2023
- US core PCE inflation for September 2023

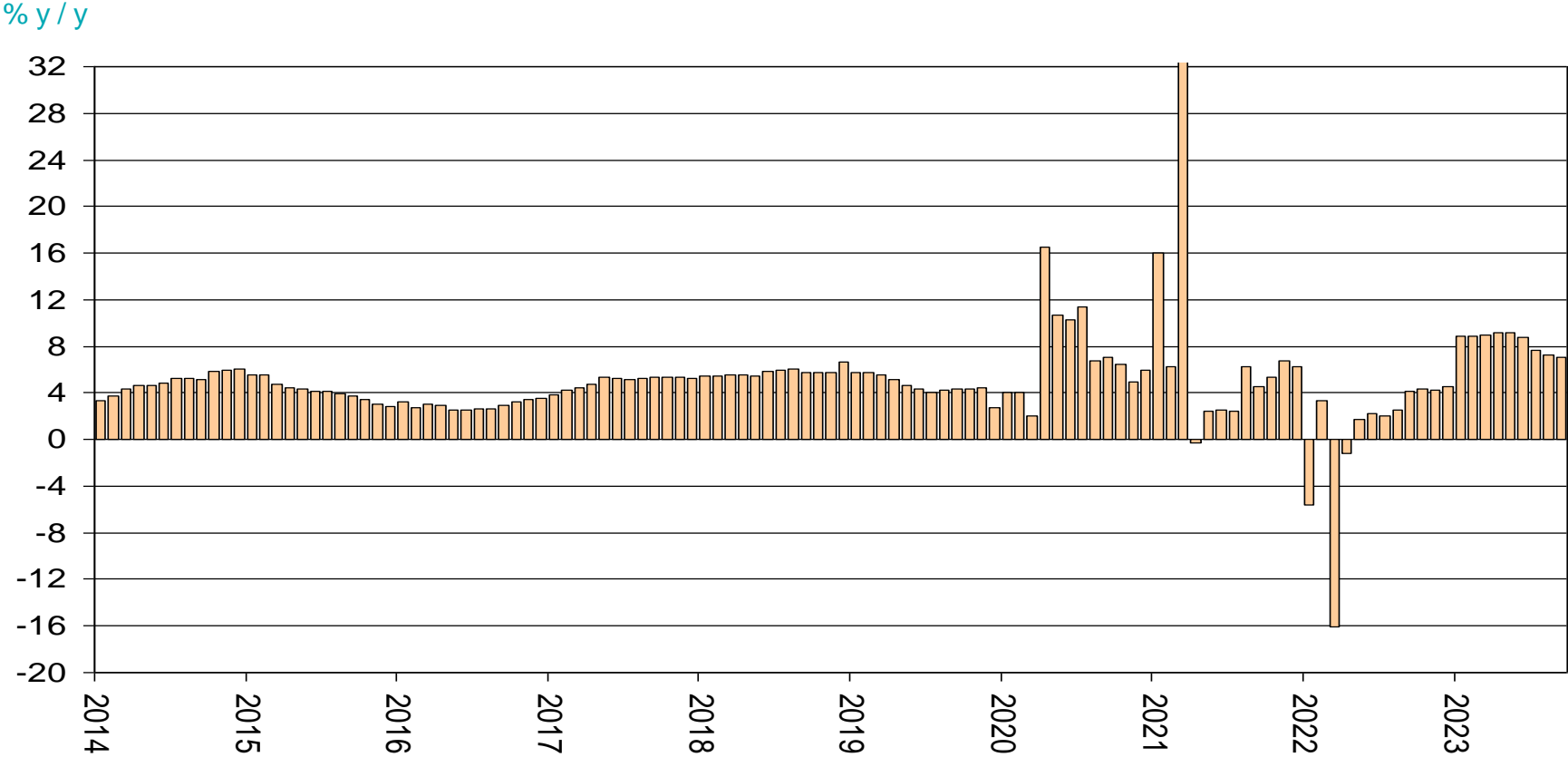
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US personal disposable income (nominal)

% m / m

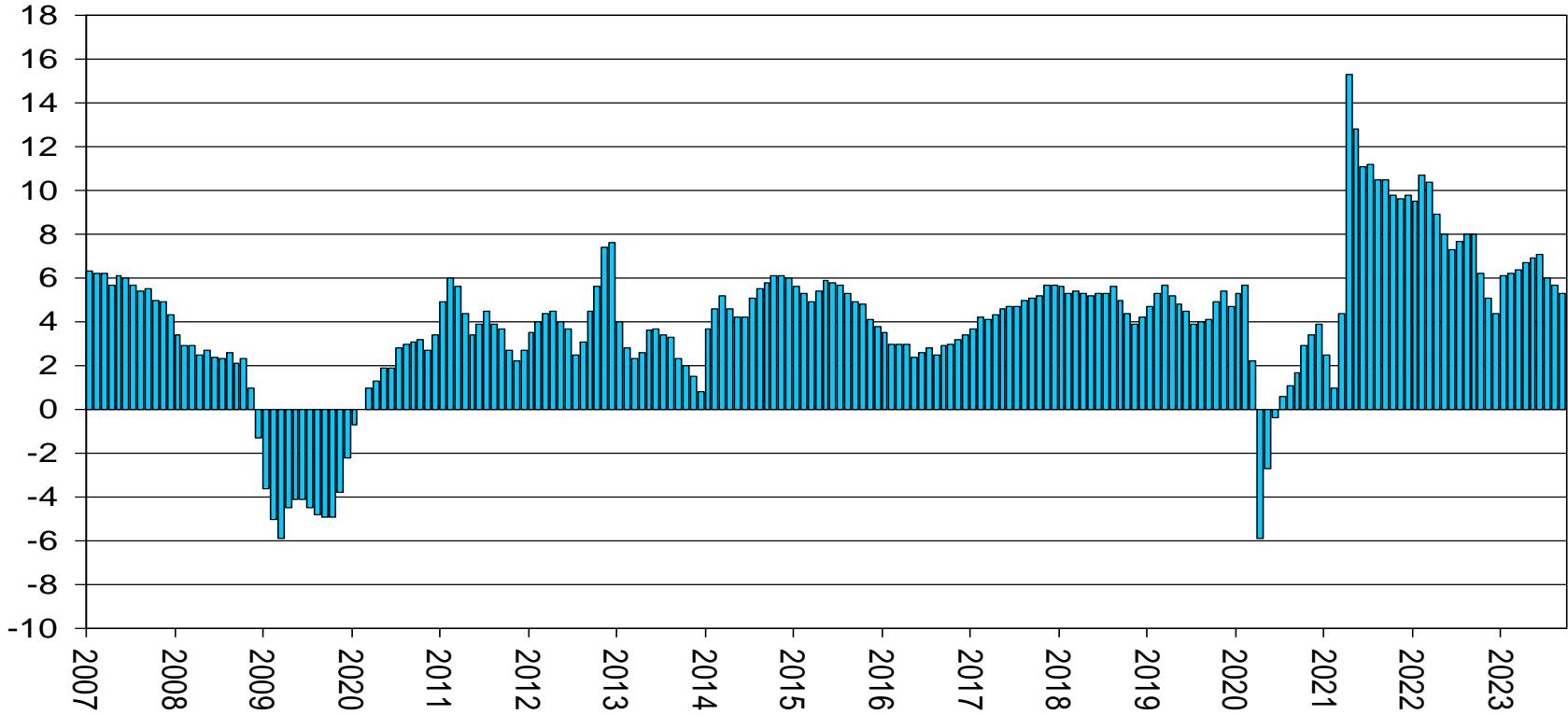


US personal disposable income (nominal)



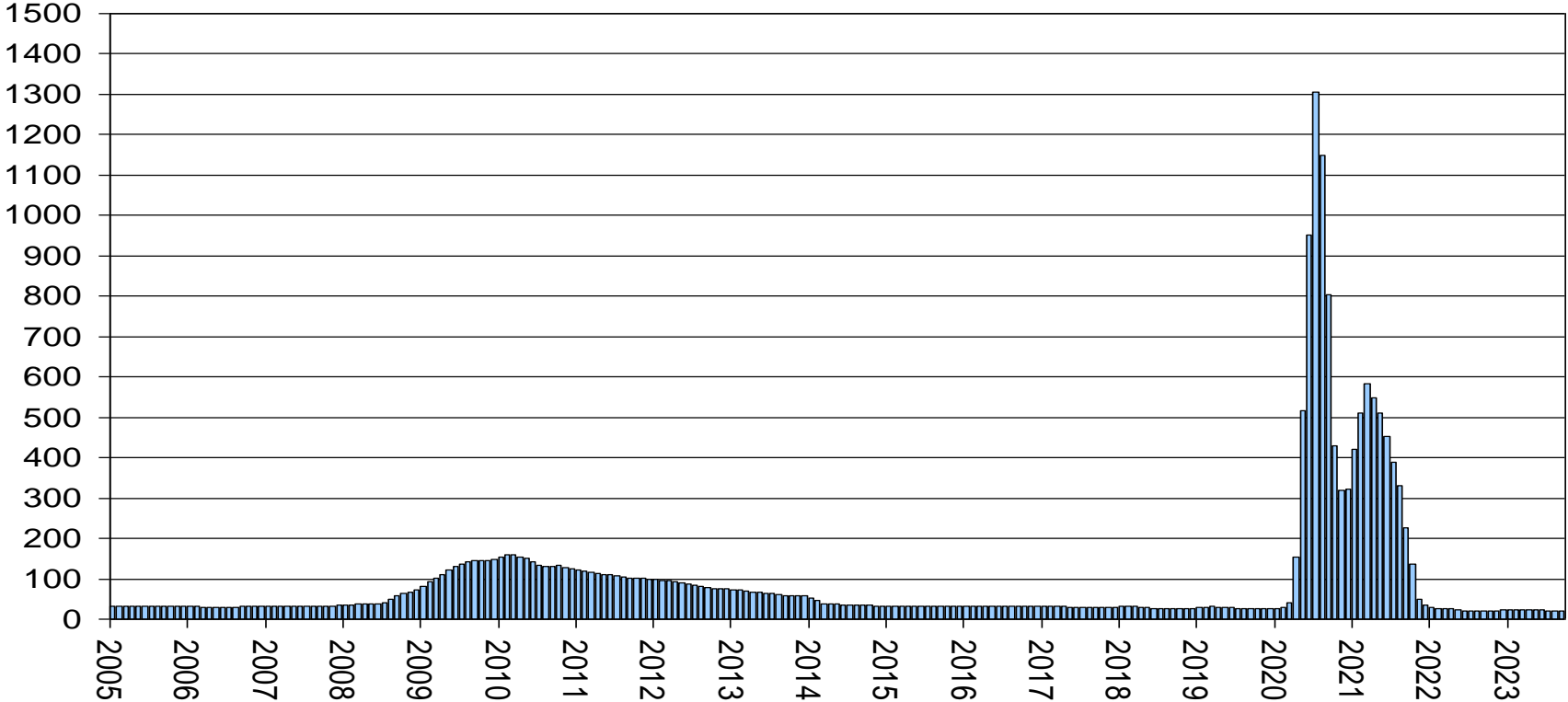
US wage and salary income growth (nominal)

% y/y



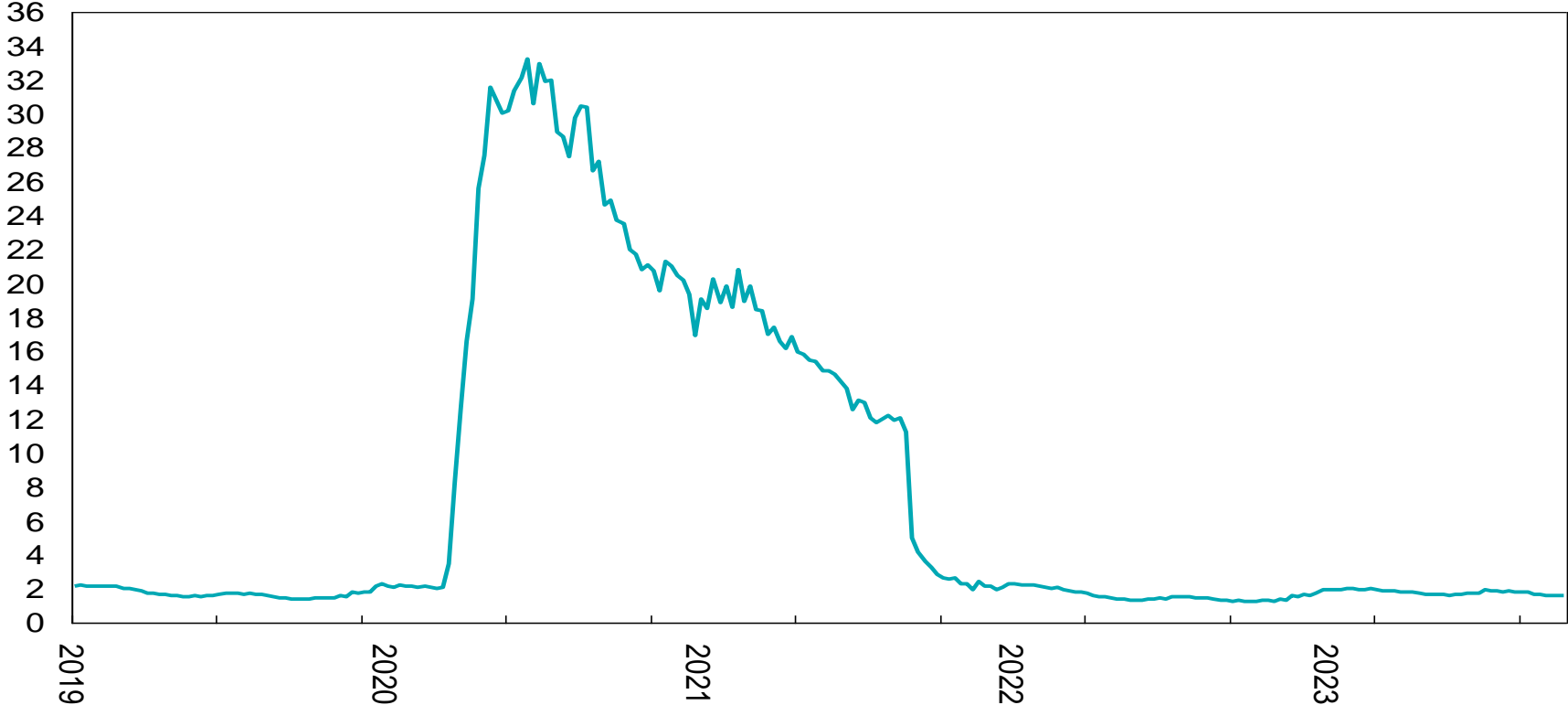
US unemployment insurance benefits (nominal)

\$ billion, monthly, annualised



US total number of people receiving unemployment benefits

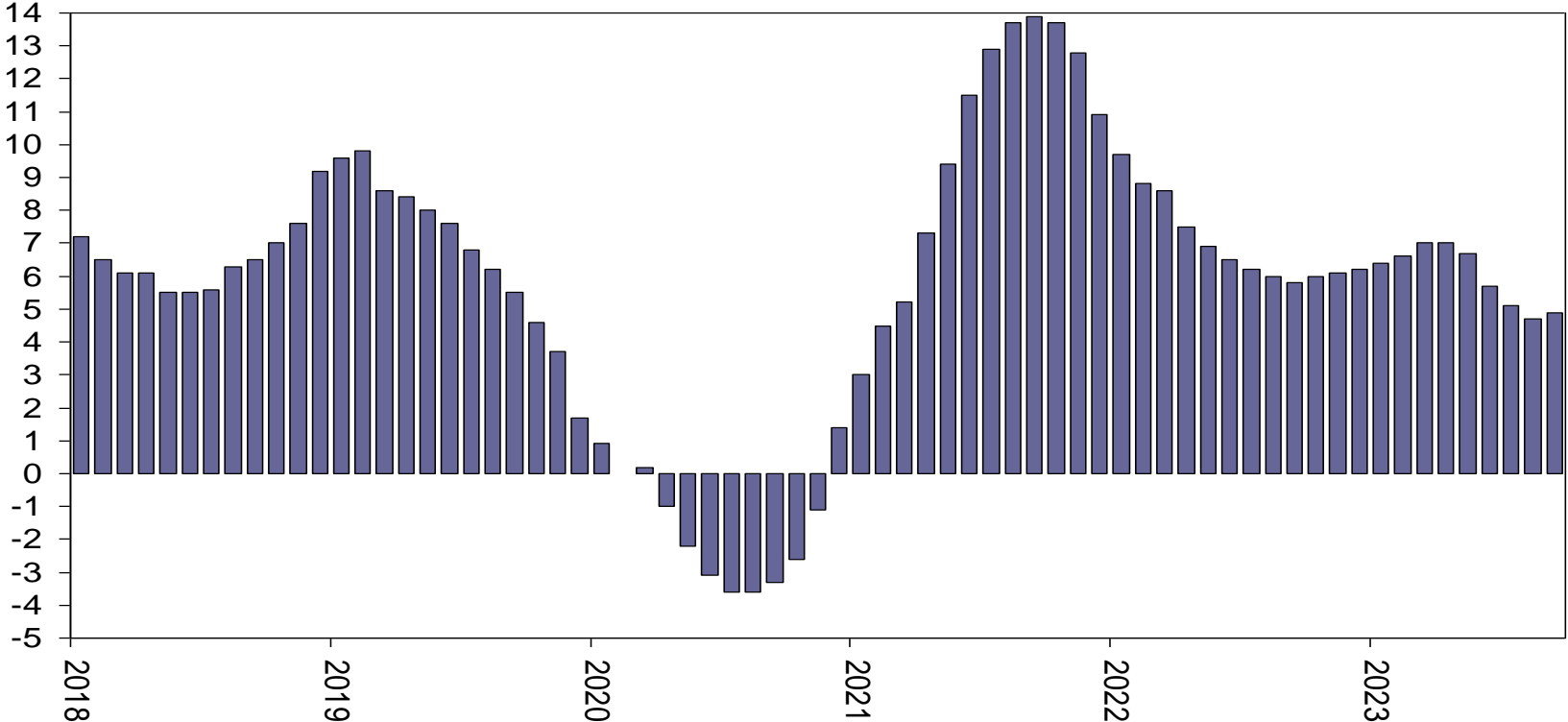
Millions of people (benefits from all programmes)



Source: US Department of Labour

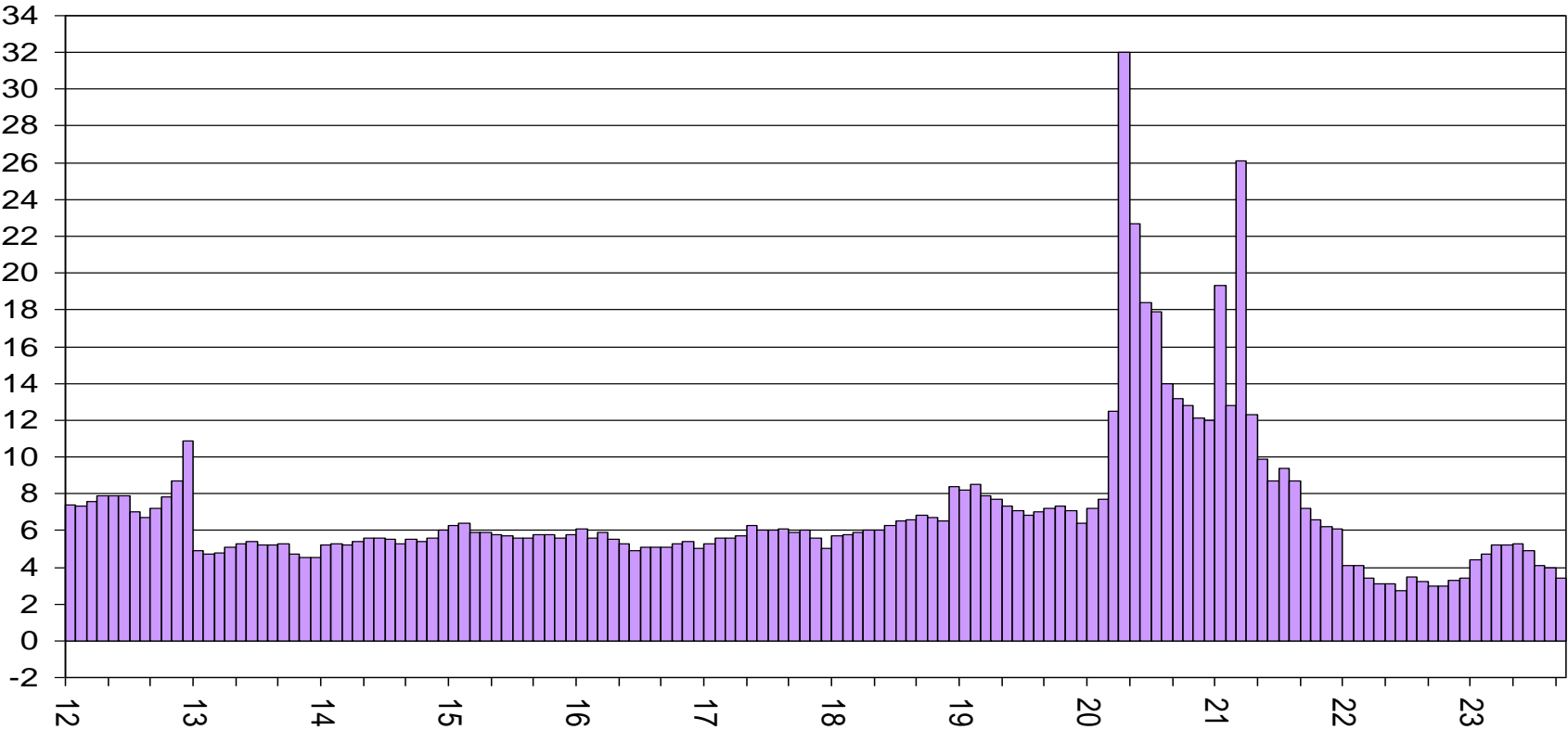
US personal interest and dividend income (nominal)

%y/y, average annual

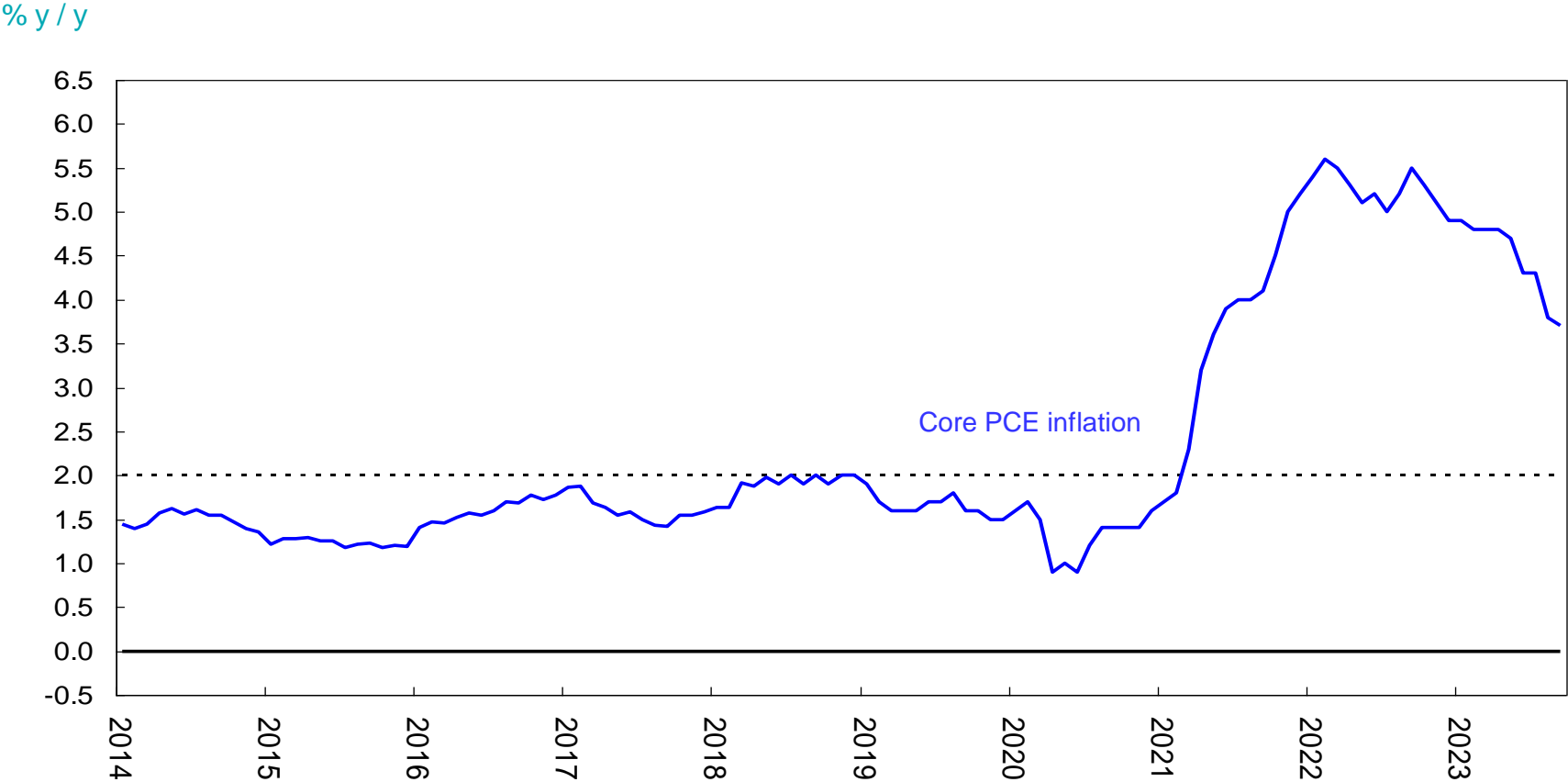


US personal savings rate

% of disposable income



US core PCE inflation

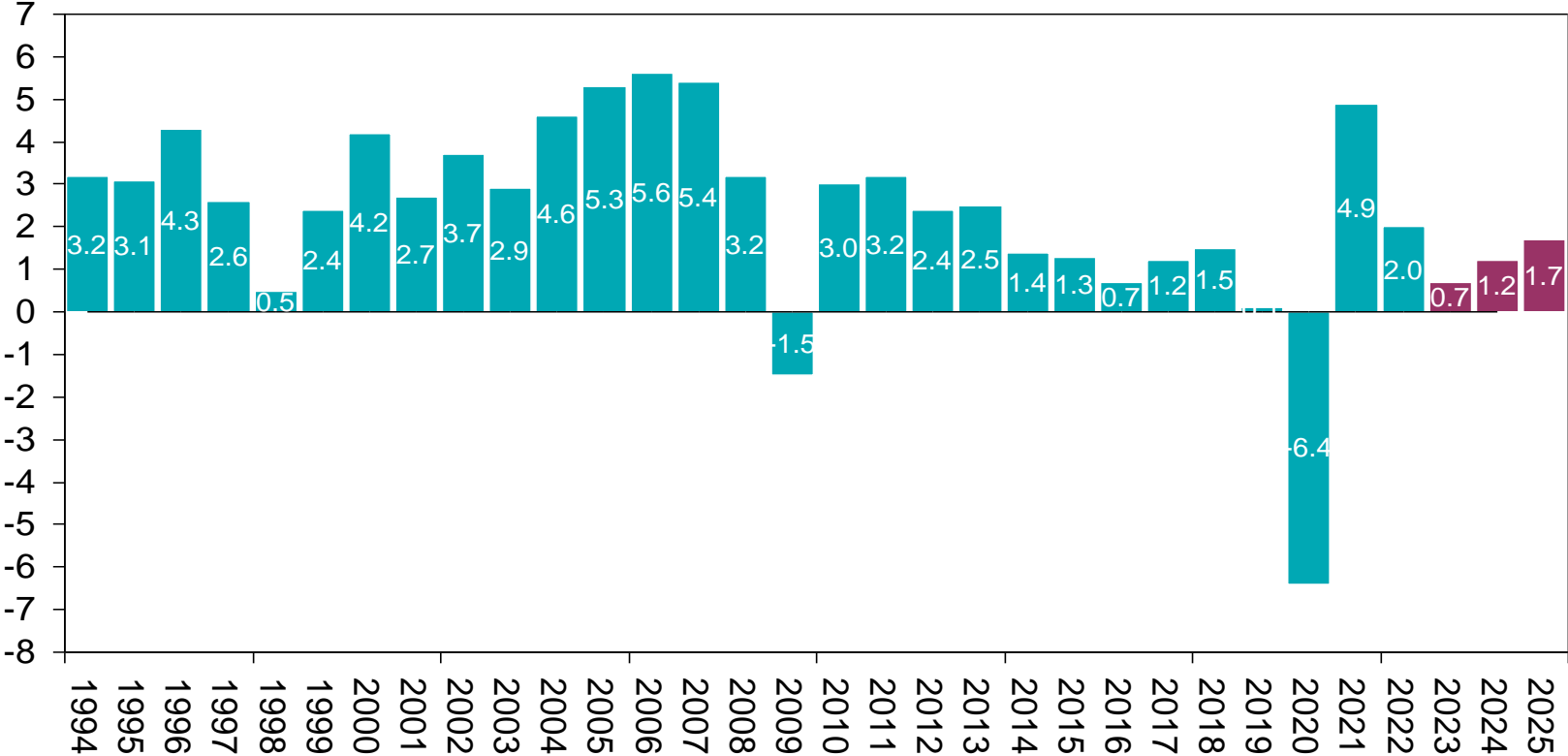


Consensus GDP growth

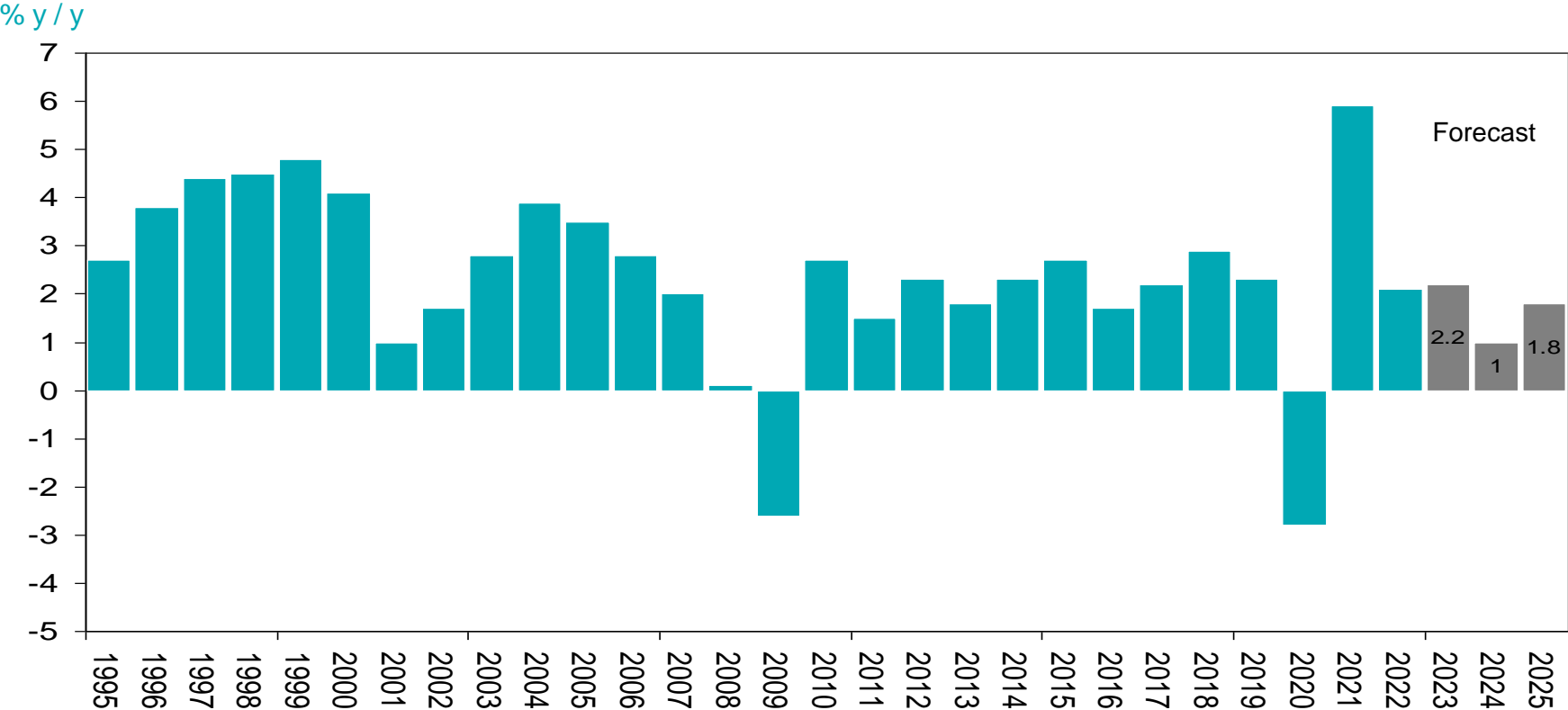
- South Africa consensus GDP growth forecast
- United States consensus GDP growth forecast
- Euro-area consensus GDP growth forecast
- China consensus GDP growth forecast

SA consensus GDP annual growth rate

% y/y

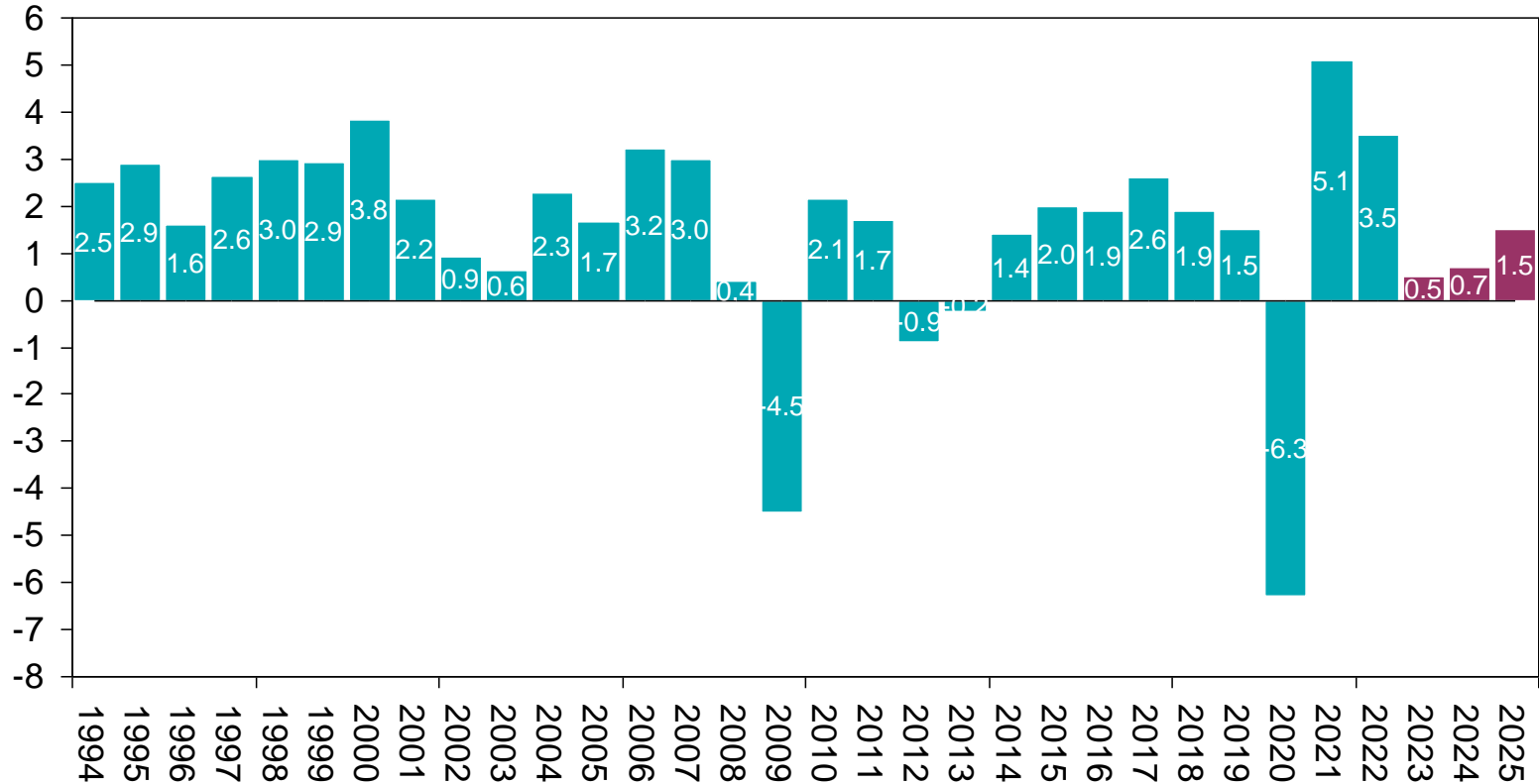


US consensus real annual GDP growth

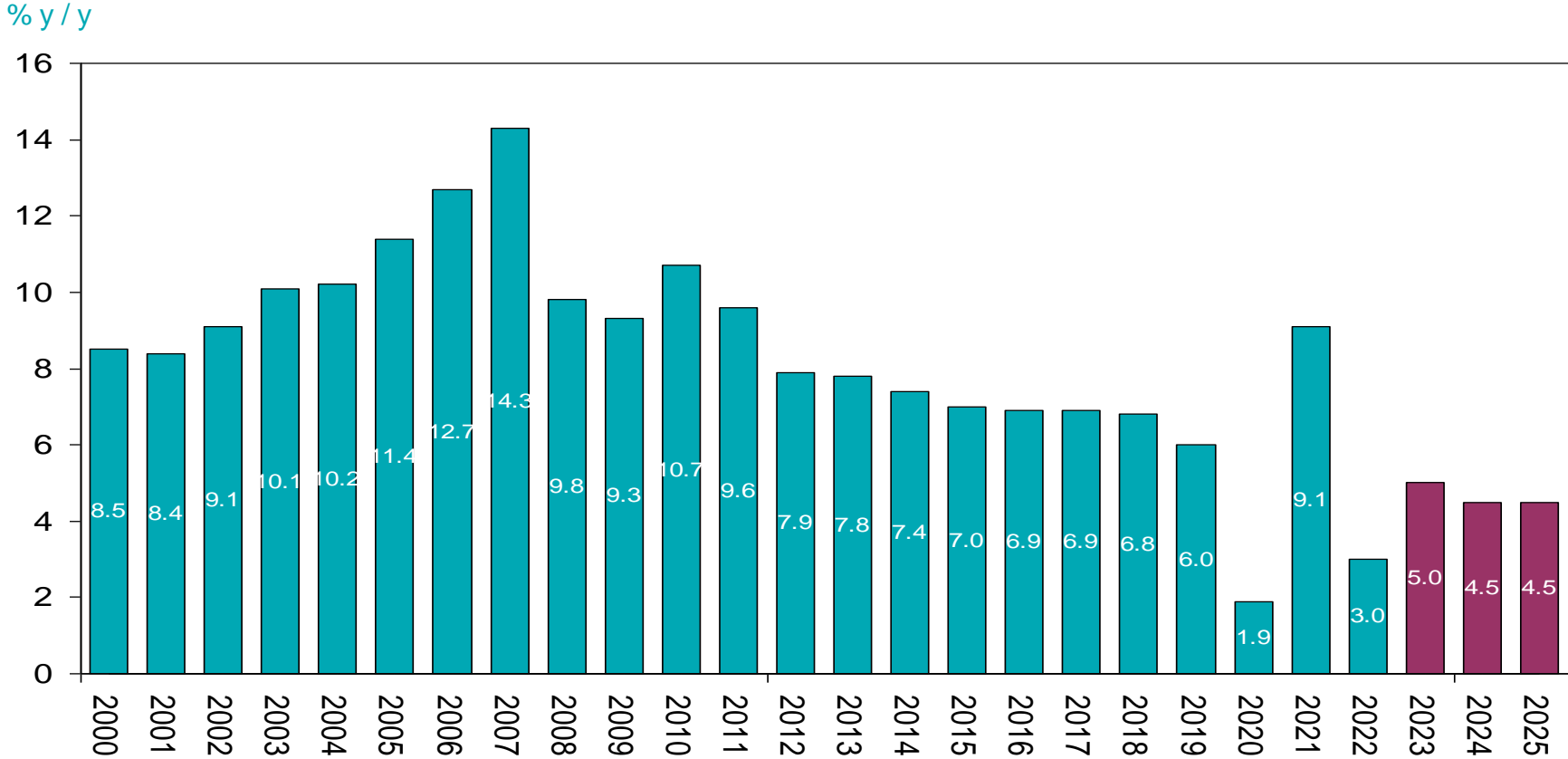


Euro-area GDP annual growth rate: consensus growth estimate

% y/y



China GDP growth consensus forecast



Source: Bloomberg

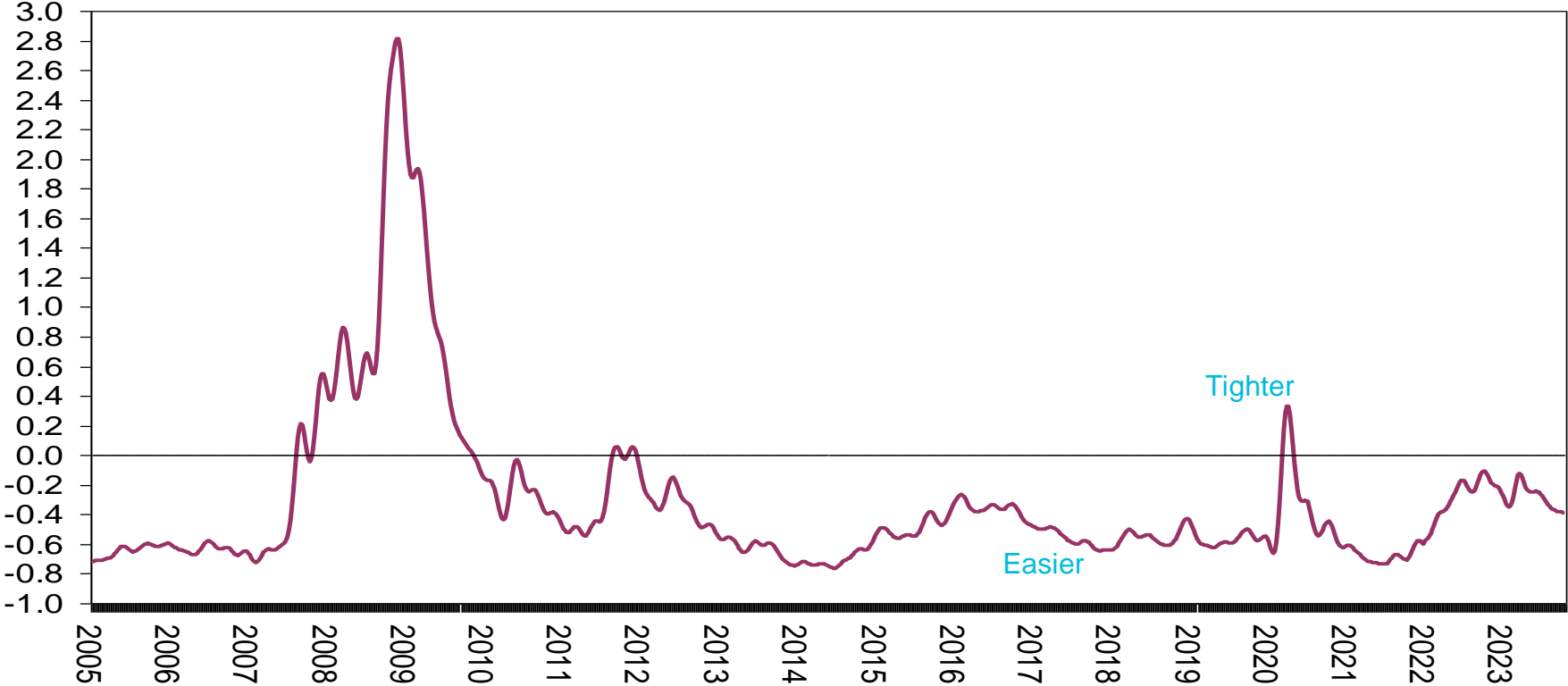
US financial conditions: 23 to 29 October 2023

- US financial conditions (Federal Reserve Chicago)
- US financial conditions (Federal Reserve Kansas City)
- US financial stress index (OFR)
- China PBOC liquidity injection

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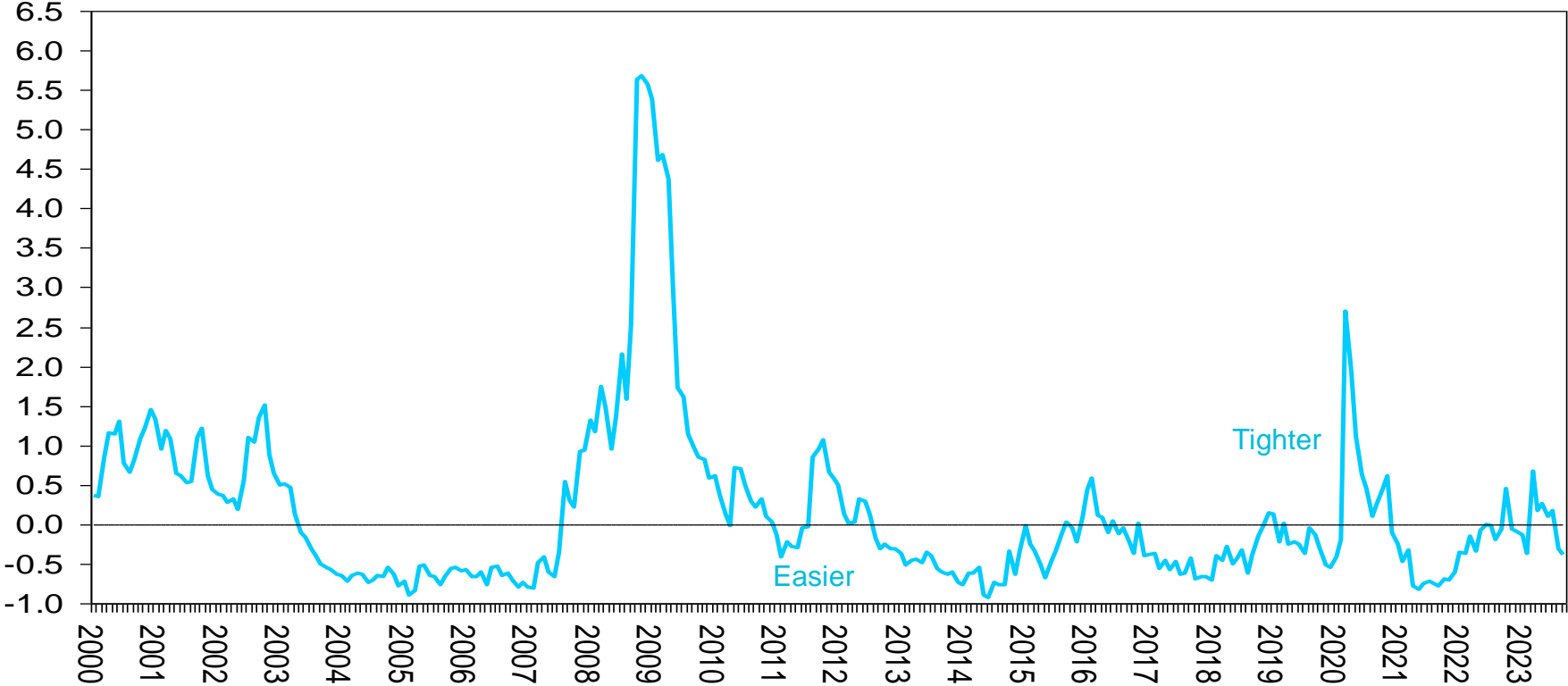
US financial conditions (Federal Reserve Chicago)

Index



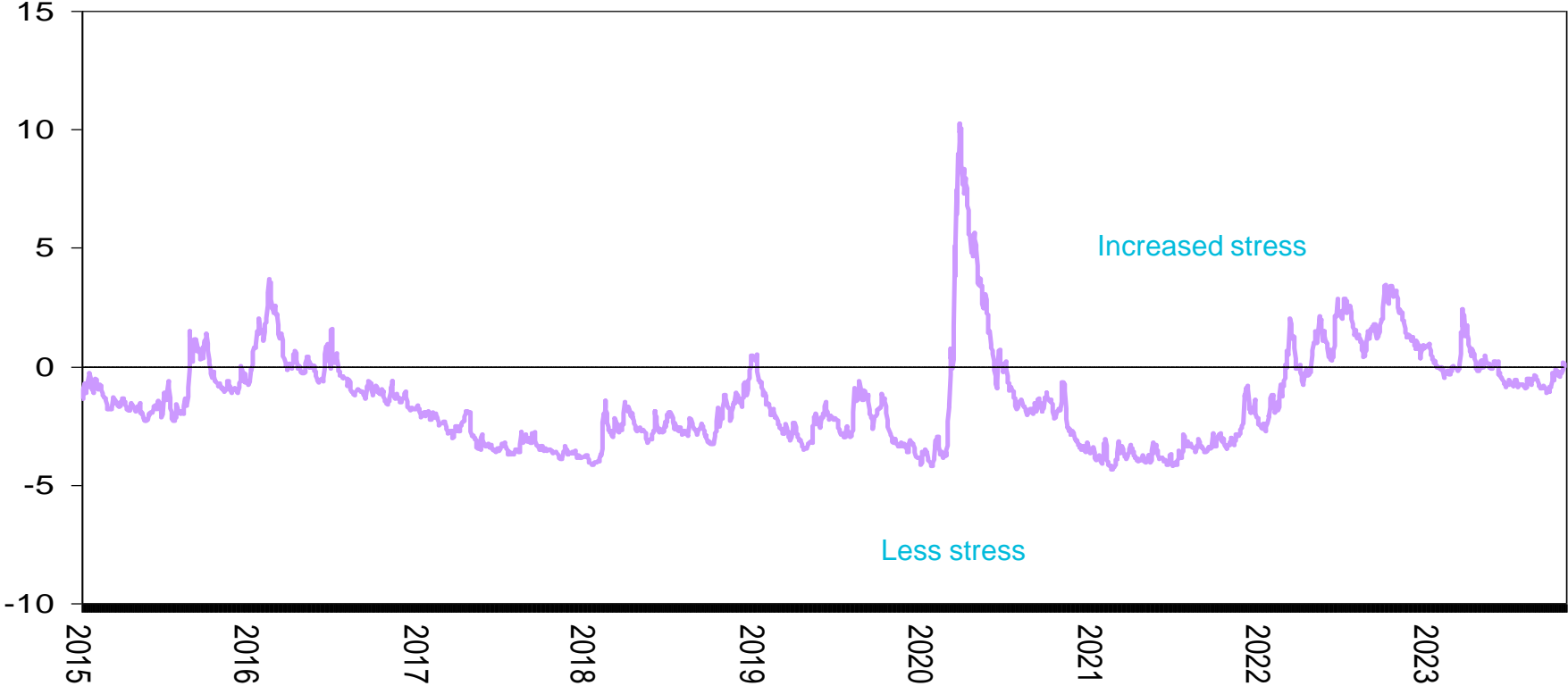
US financial conditions (Federal Reserve Kansas City)

Index



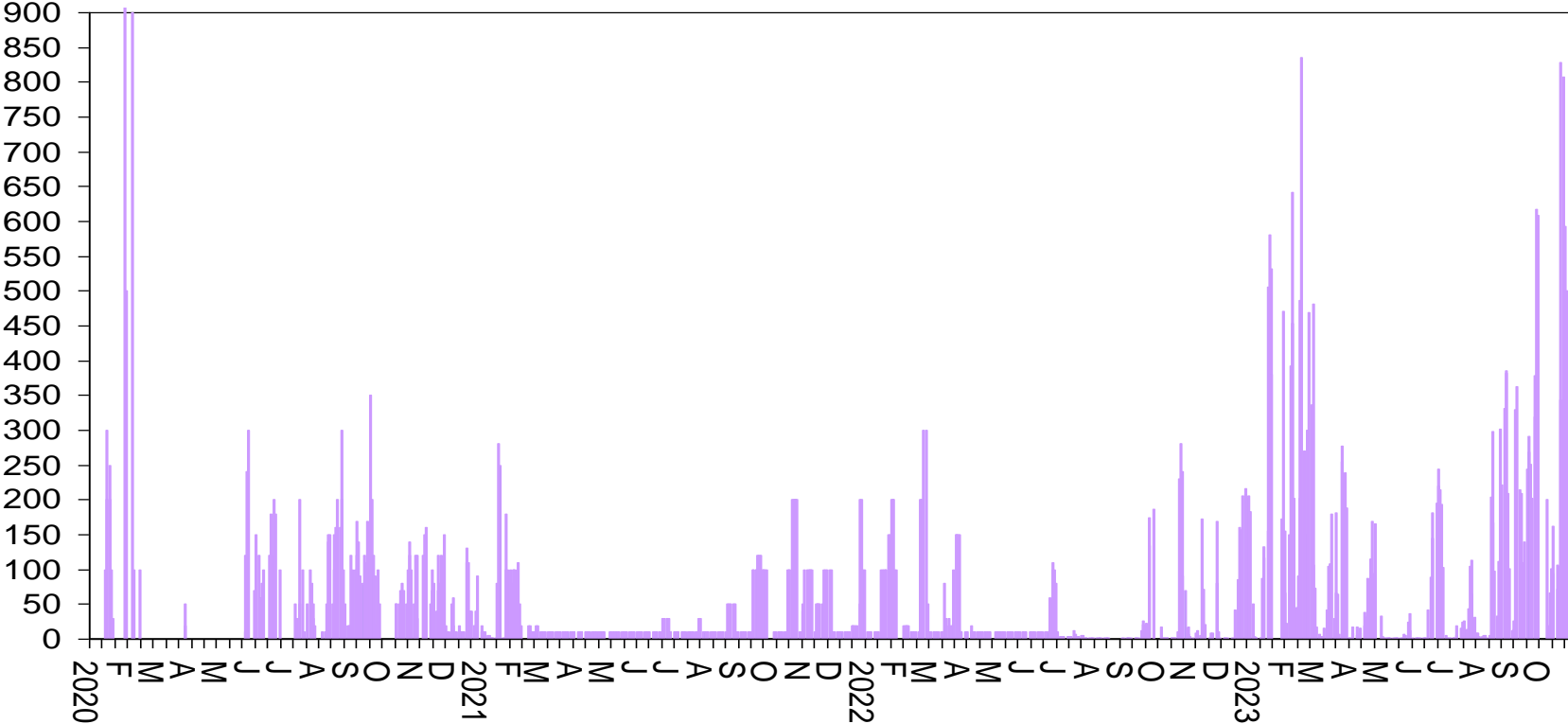
US financial stress index (OFR Financial Stress Index)

Index



China PBOC liquidity injection daily (total reverse Repos)

Yuan billion



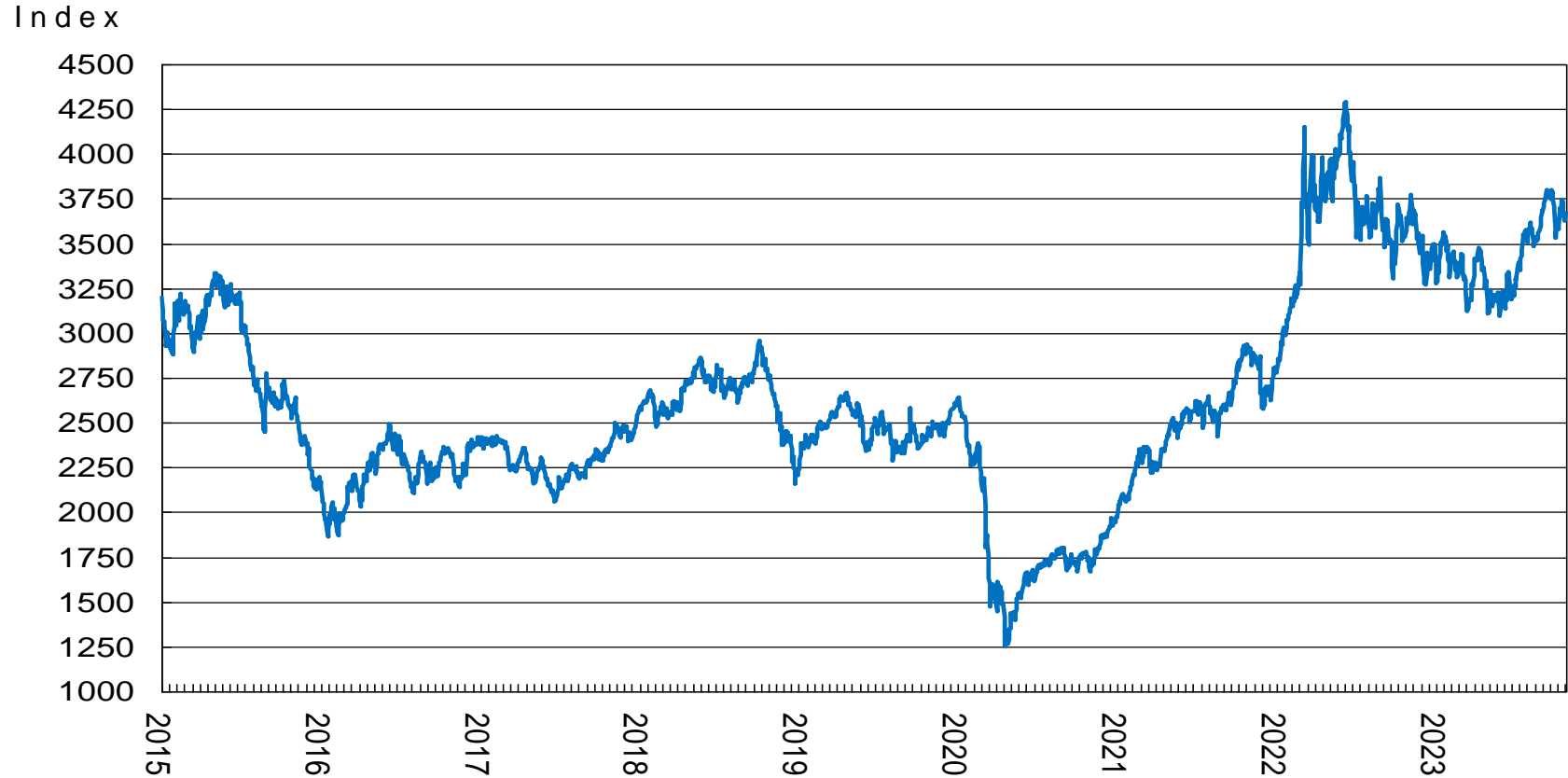
Commodity prices: 23 to 29 October 2023

- Global commodity price index
- World food inflation
- Gold price
- Tin price
- Zinc price
- Lead price
- Silver price
- Oil price
- Copper price
- Platinum price
- Aluminium price
- Palladium price
- Rhodium price

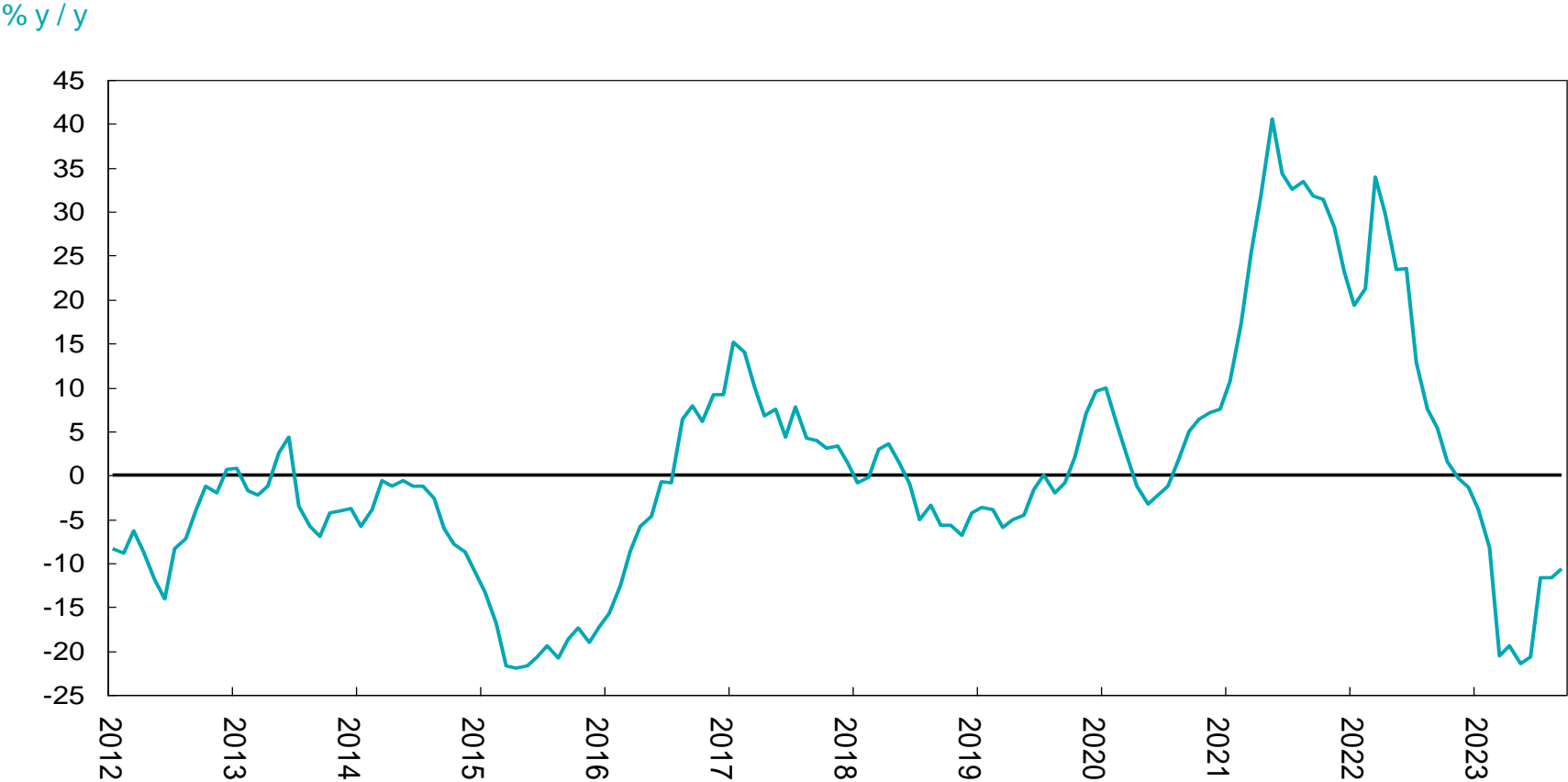


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Global commodity price index (S&P GSCI)



World food inflation



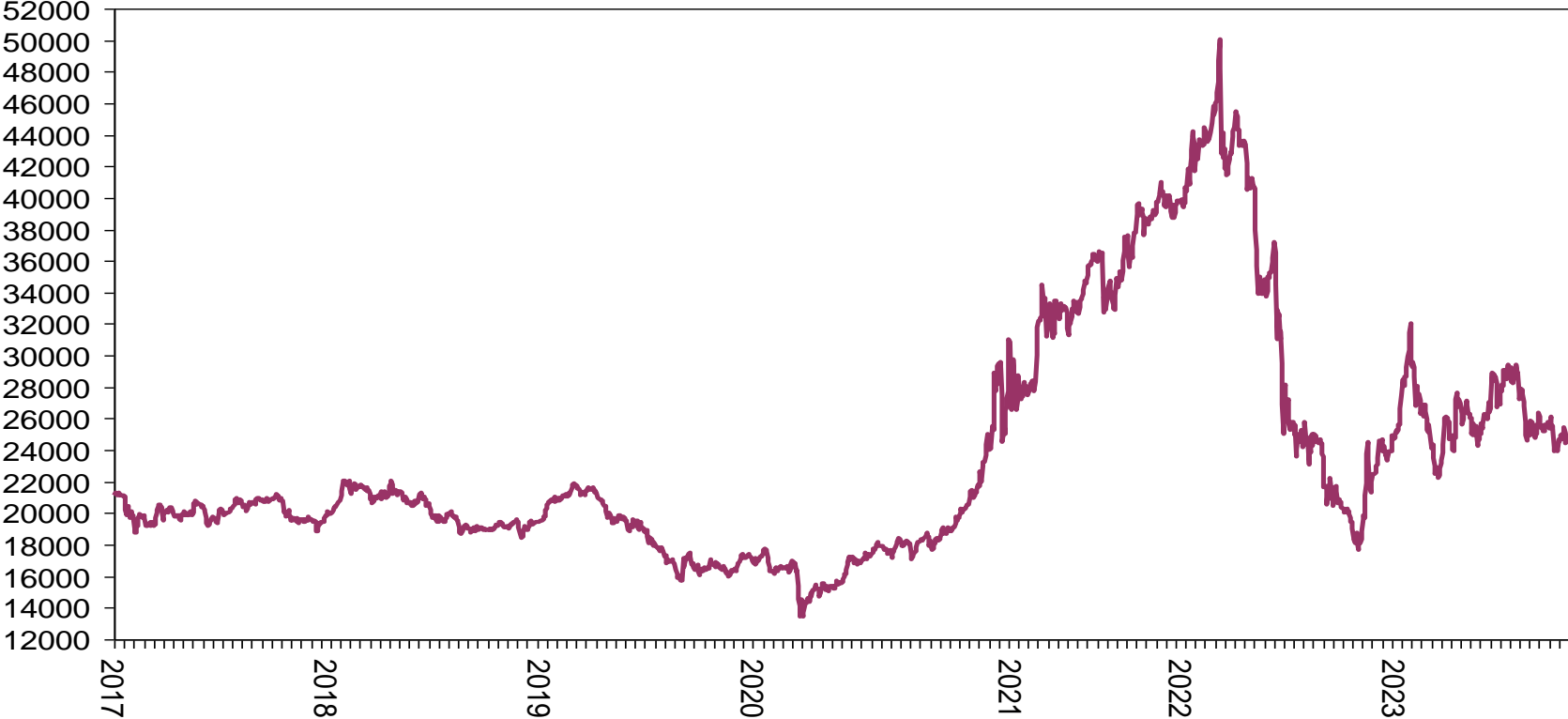
Gold price

\$/ounce



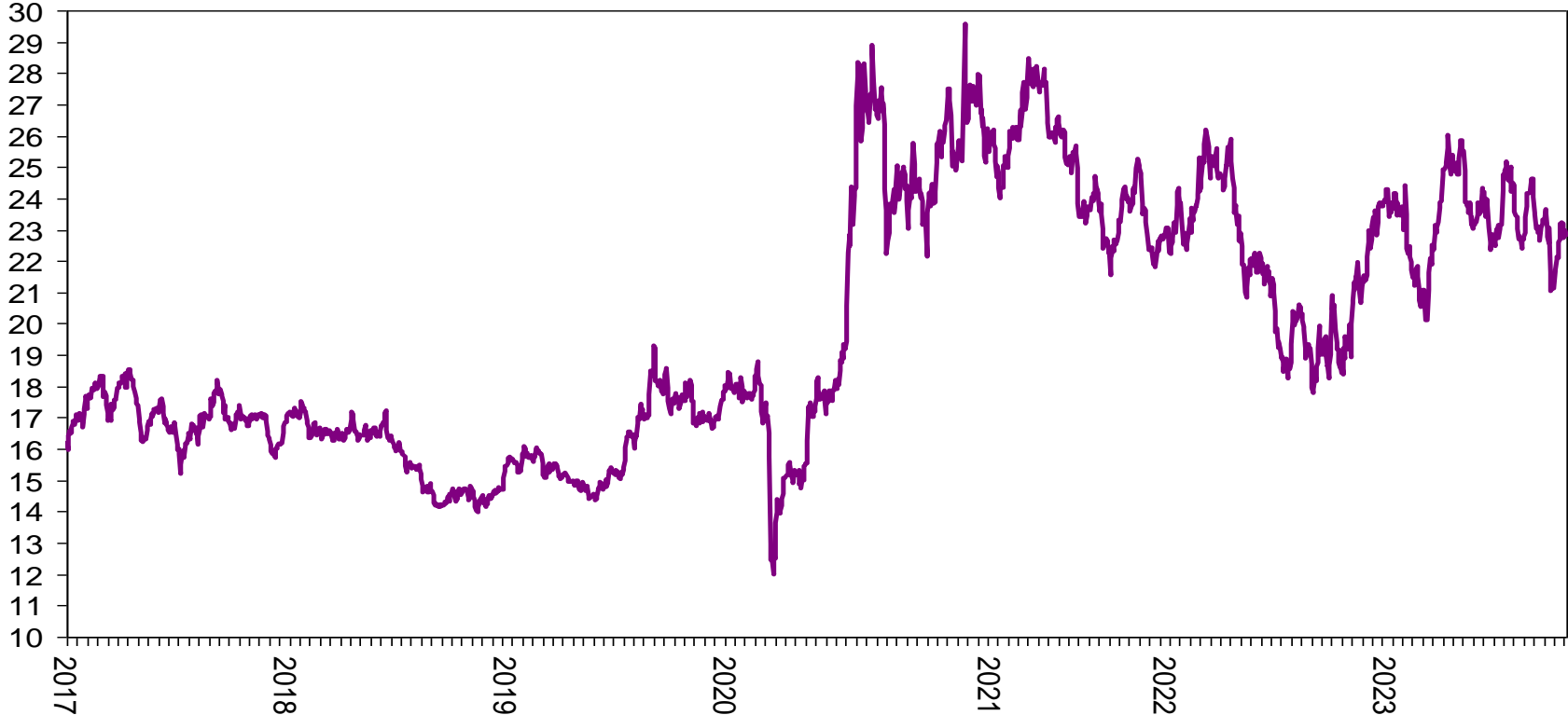
Tin price

\$/MT



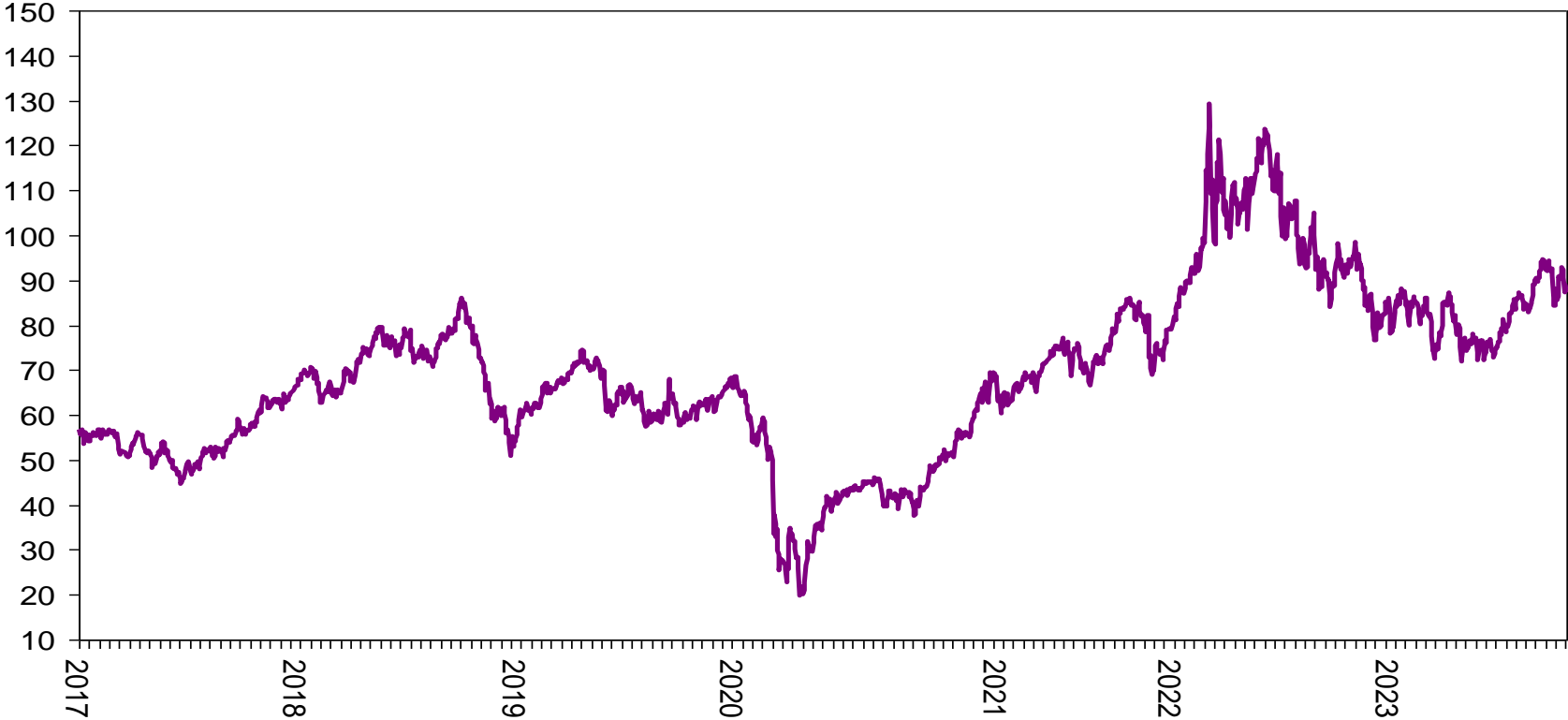
Silver price

\$/ounce



Oil price

\$/b l



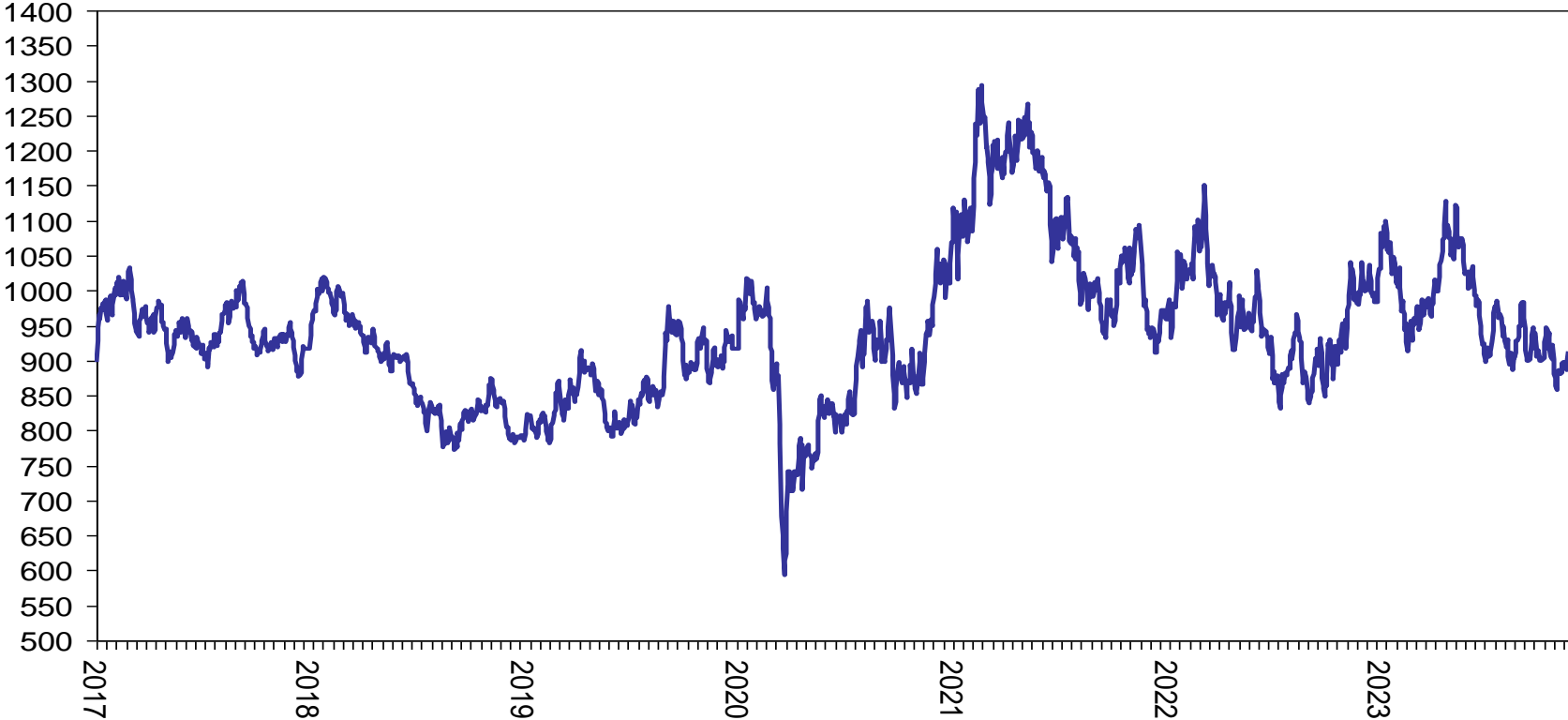
Copper price

\$/MT



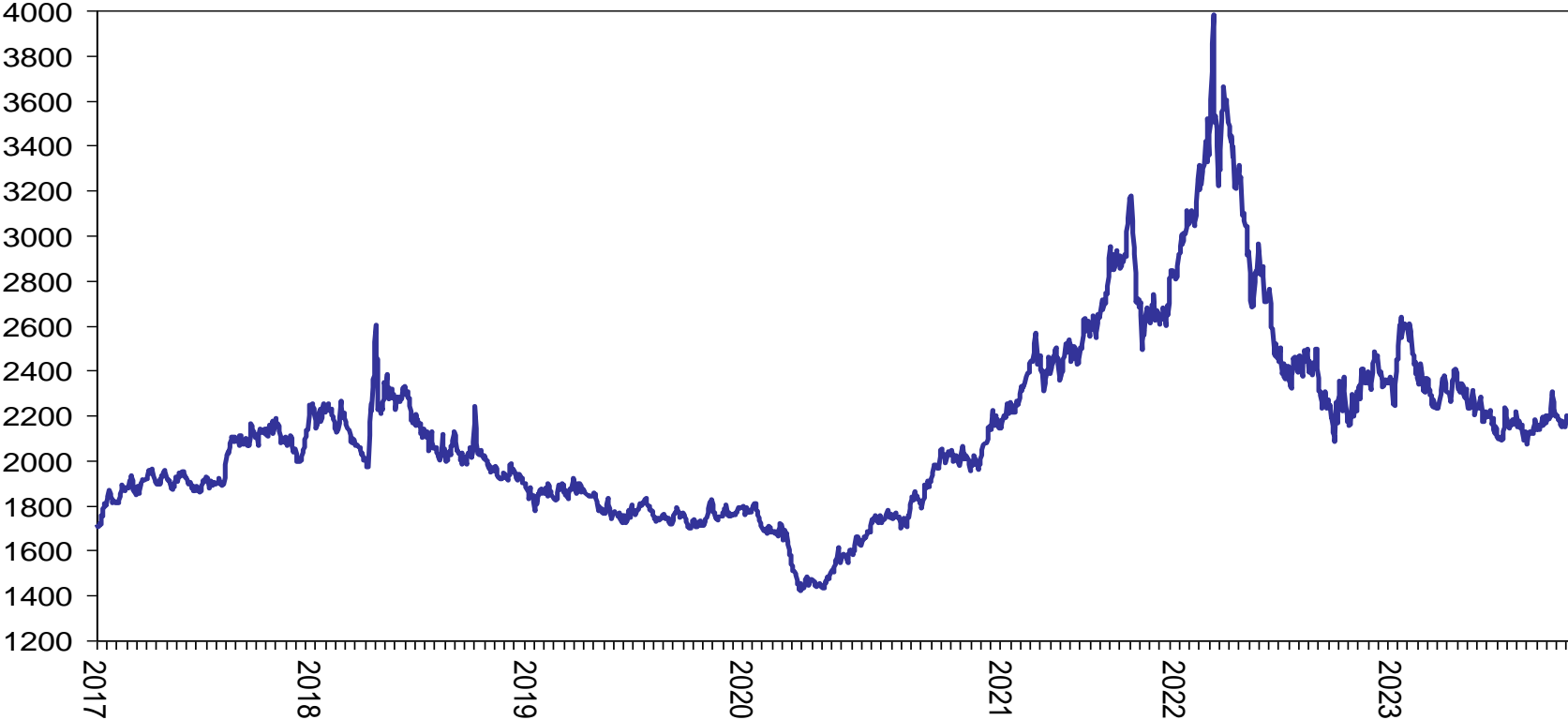
Platinum price

\$/ounce



Aluminium price

\$/MT



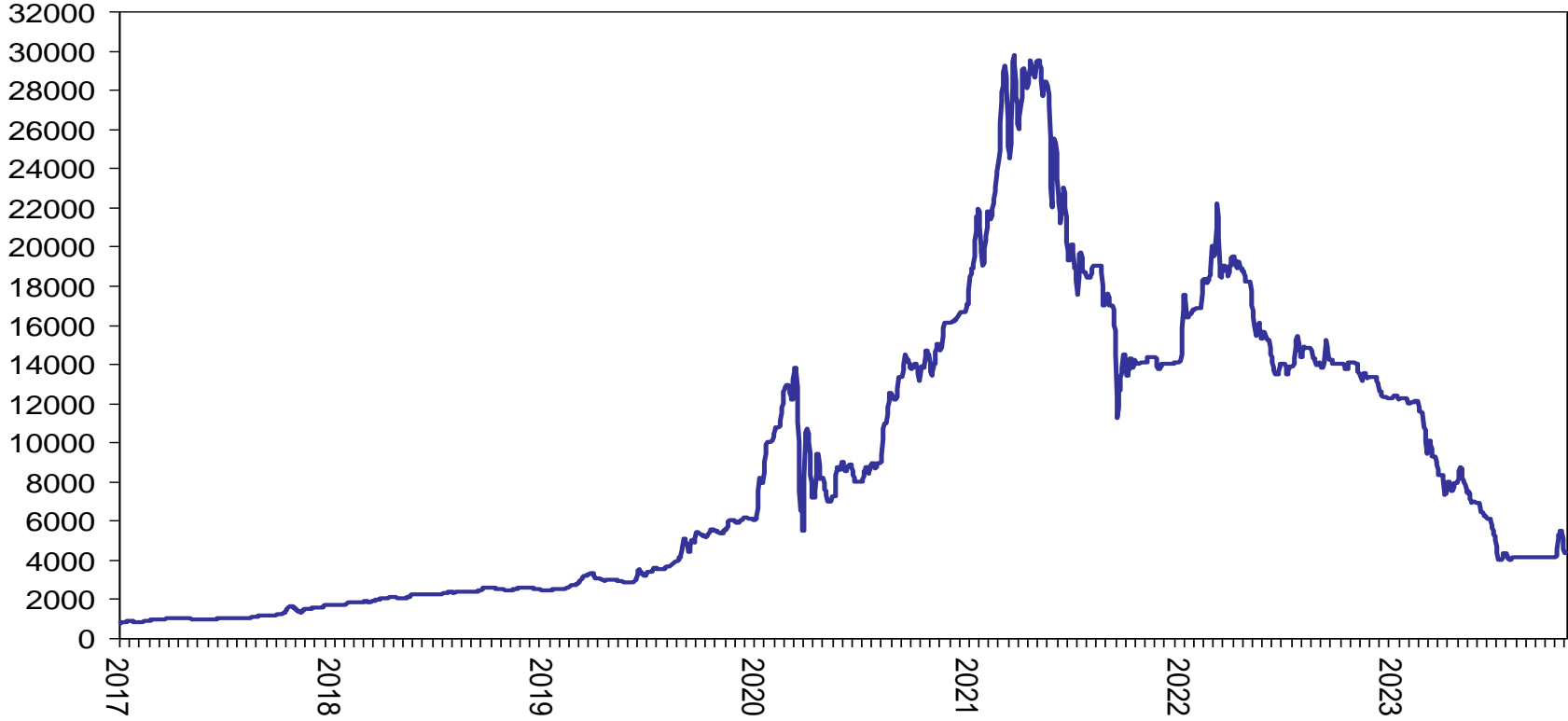
Palladium price

\$/ounce



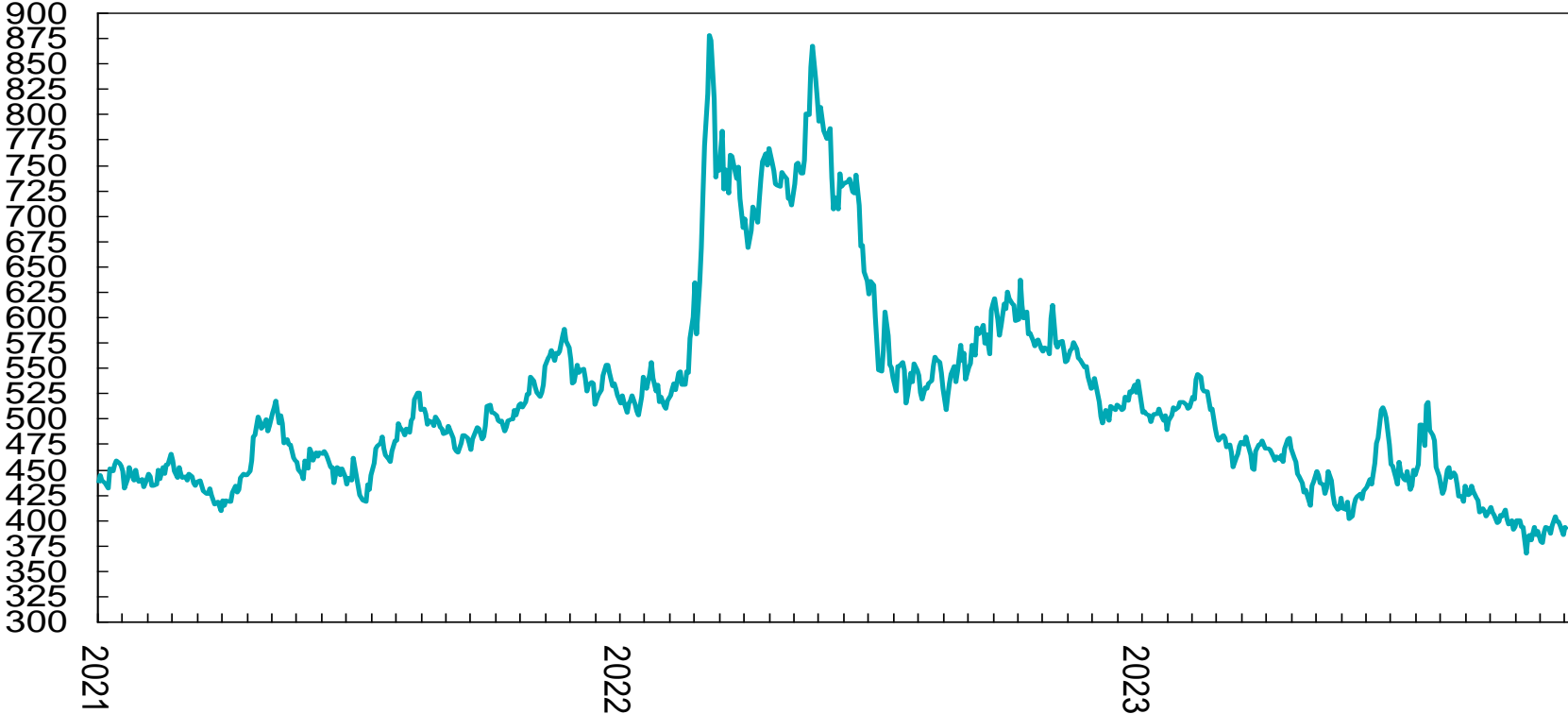
Rhodium price

\$/ounce



Global wheat price index

Index



Financial markets: 23 to 29 October 2023

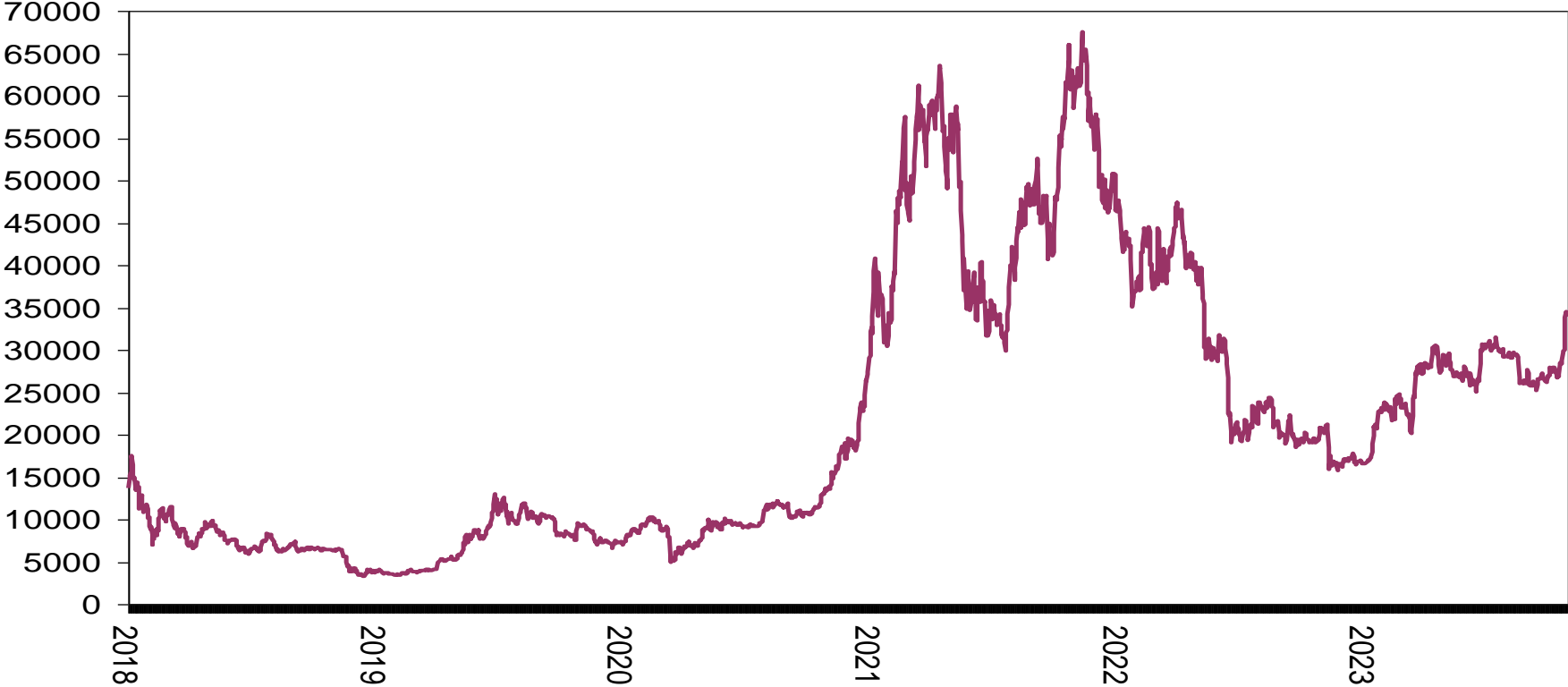
- Bitcoin price
- SA Rand vs Dollar, Euro, Pound
- SA Rand vs Dollar, monthly rate of change
- SA 10-year government bond yield
- US 10-year bond yield
- US S&P 500 equity index
- US Nasdaq 100 index
- US Chicago Board Options Exchange Volatility Index
- SA All Share equity index
- US Dollar per Euro
- US Dollar vs RMB
- SA 10-year bond yield
- Foreign buying of SA government bonds
- Foreign buying of SA equities
- Foreign ownership of SA government bonds
- US Fed holding of US government bonds
- US Treasury cash holding at Federal Reserve
- SA Rand vs commodity prices
- Baltic dry shipping index
- SA volume of equity transactions on the JSE
- SA value of equity transactions on the JSE
- SA volume of transactions in the SA bond market
- SA value of transactions in the SA bond market



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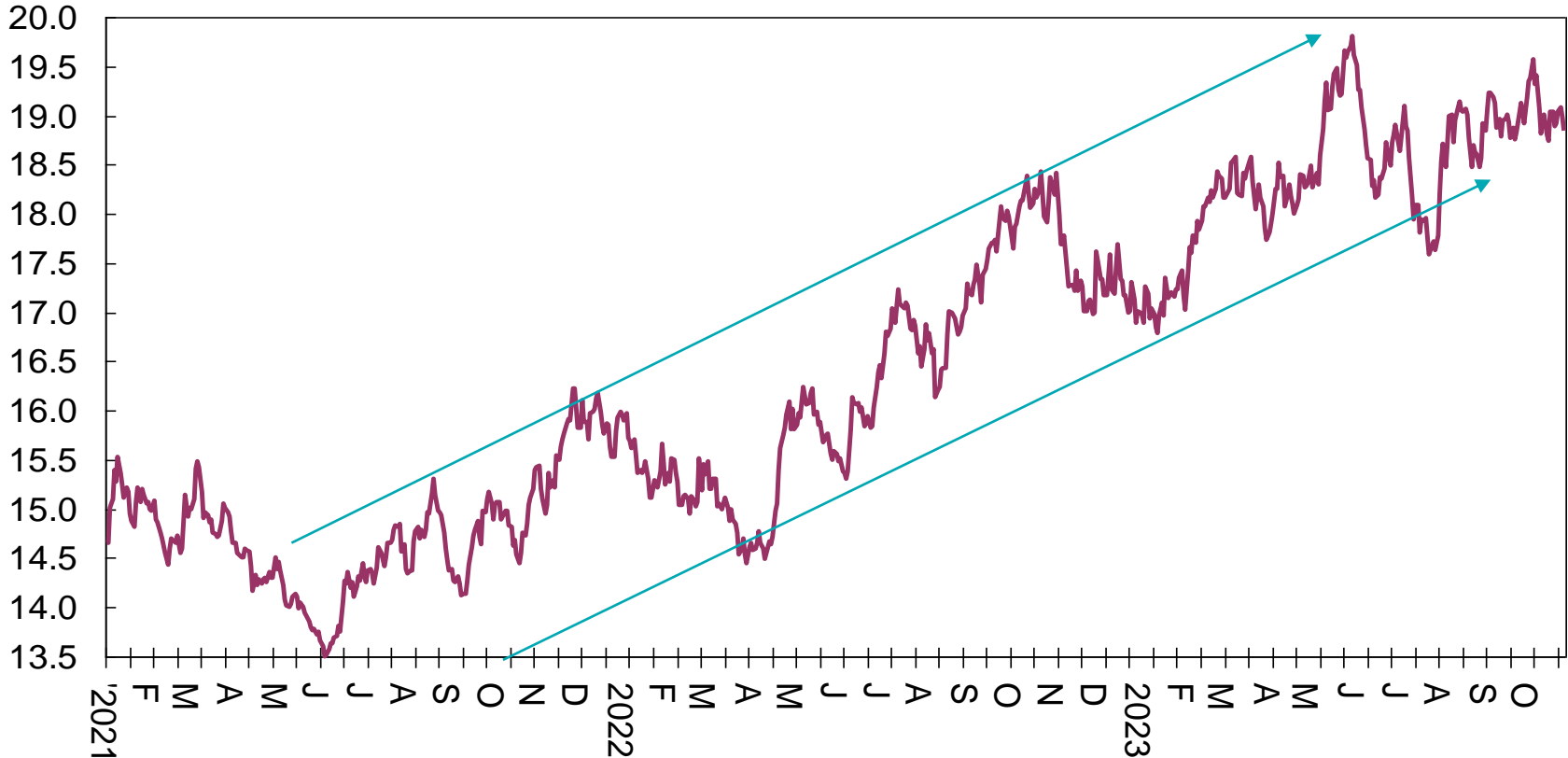
Bitcoin price

Dollar



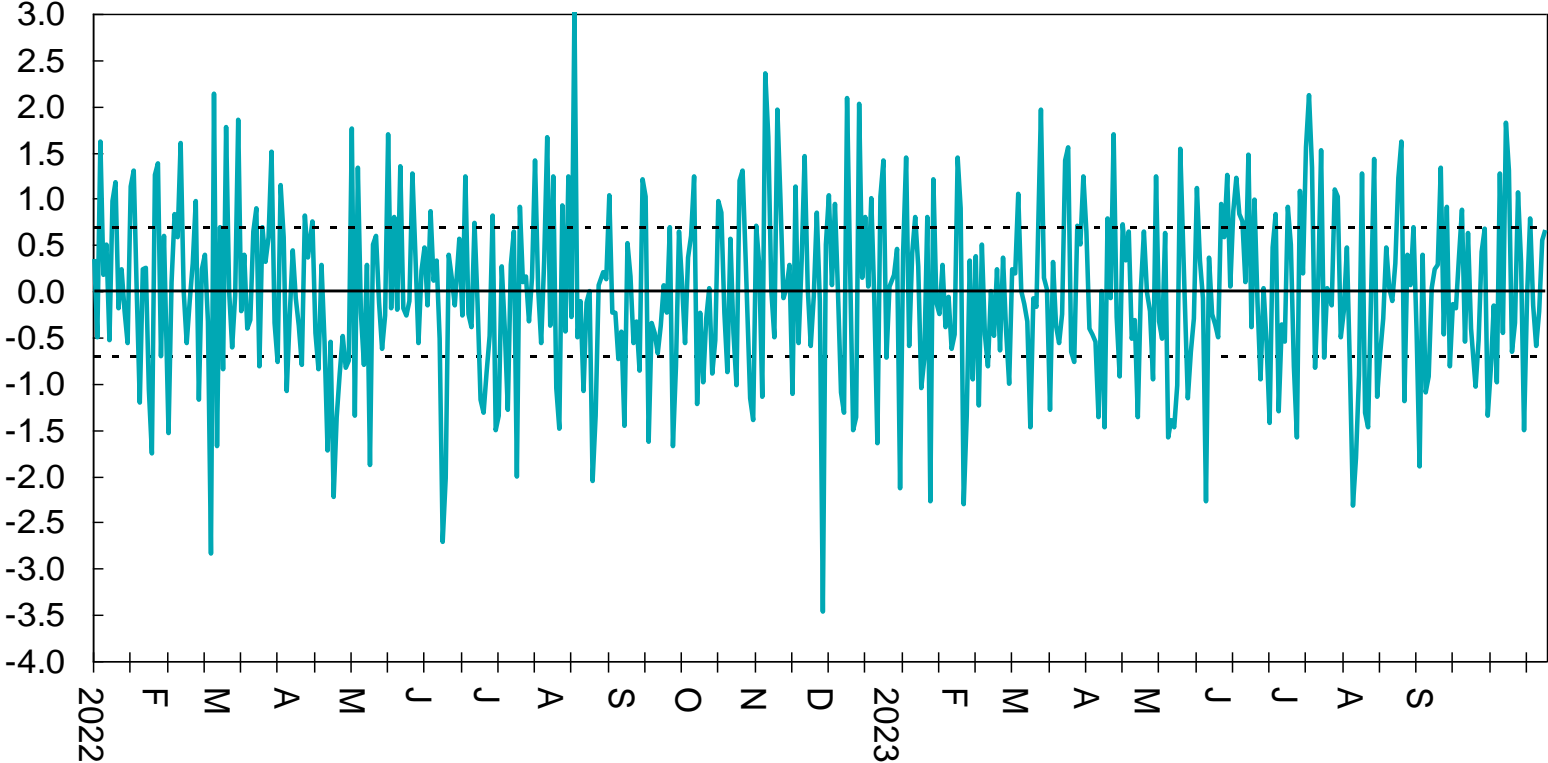
South Africa Rand vs US Dollar (daily)

Rand per Dollar



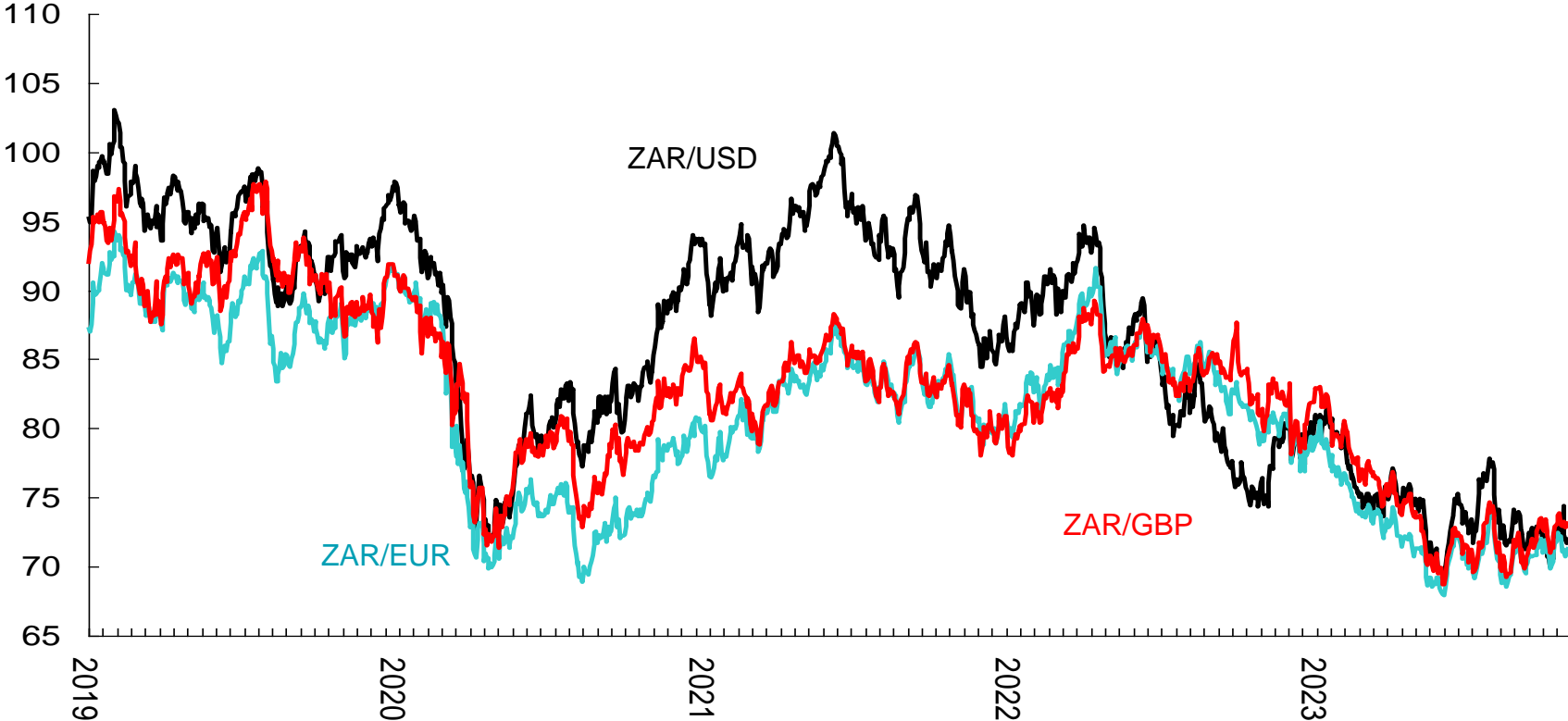
South Africa Rand vs US Dollar (daily change in value)

% change, day-on-day



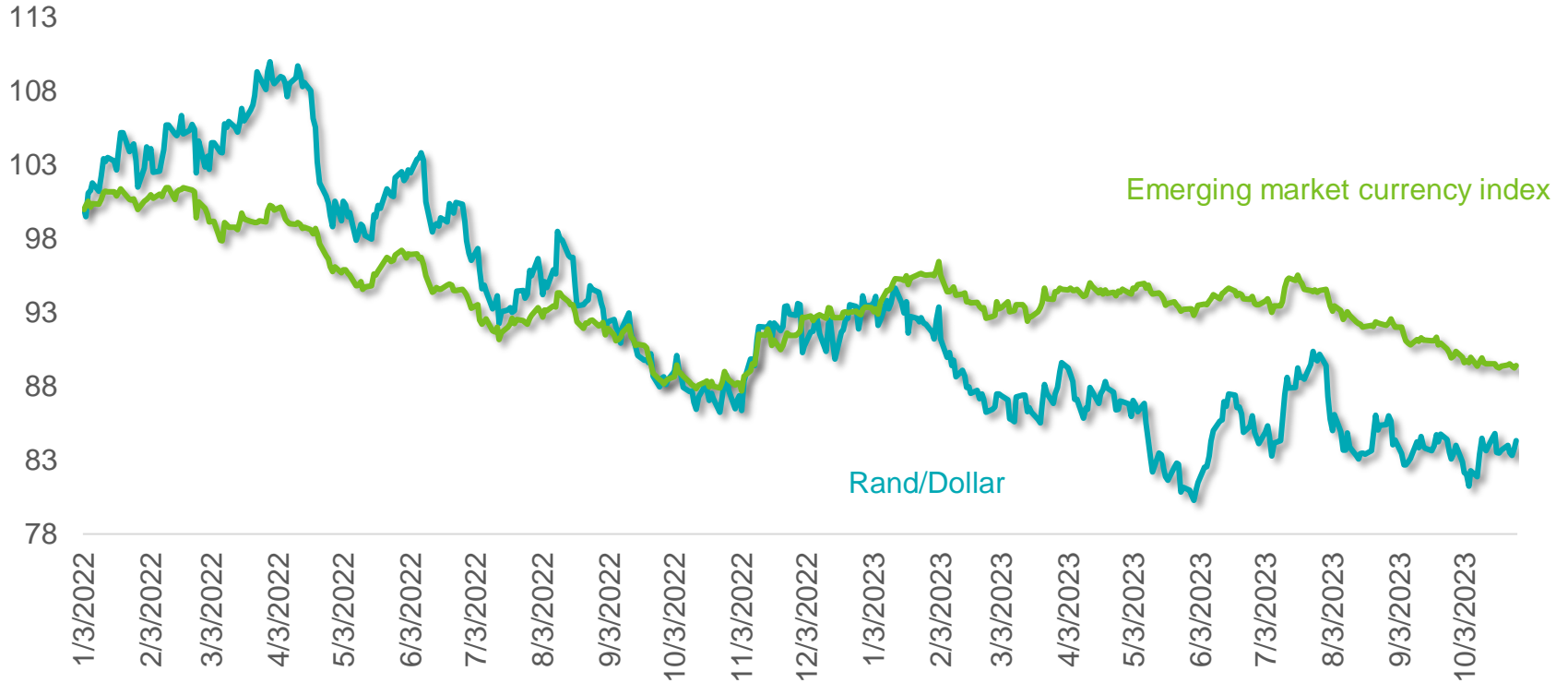
SA Rand vs Dollar, Euro and Pound

Index, 1 January 2017 = 100



Rand/US Dollar vs Emerging Market Currencies

Index, 1 Jan 2022 = 100



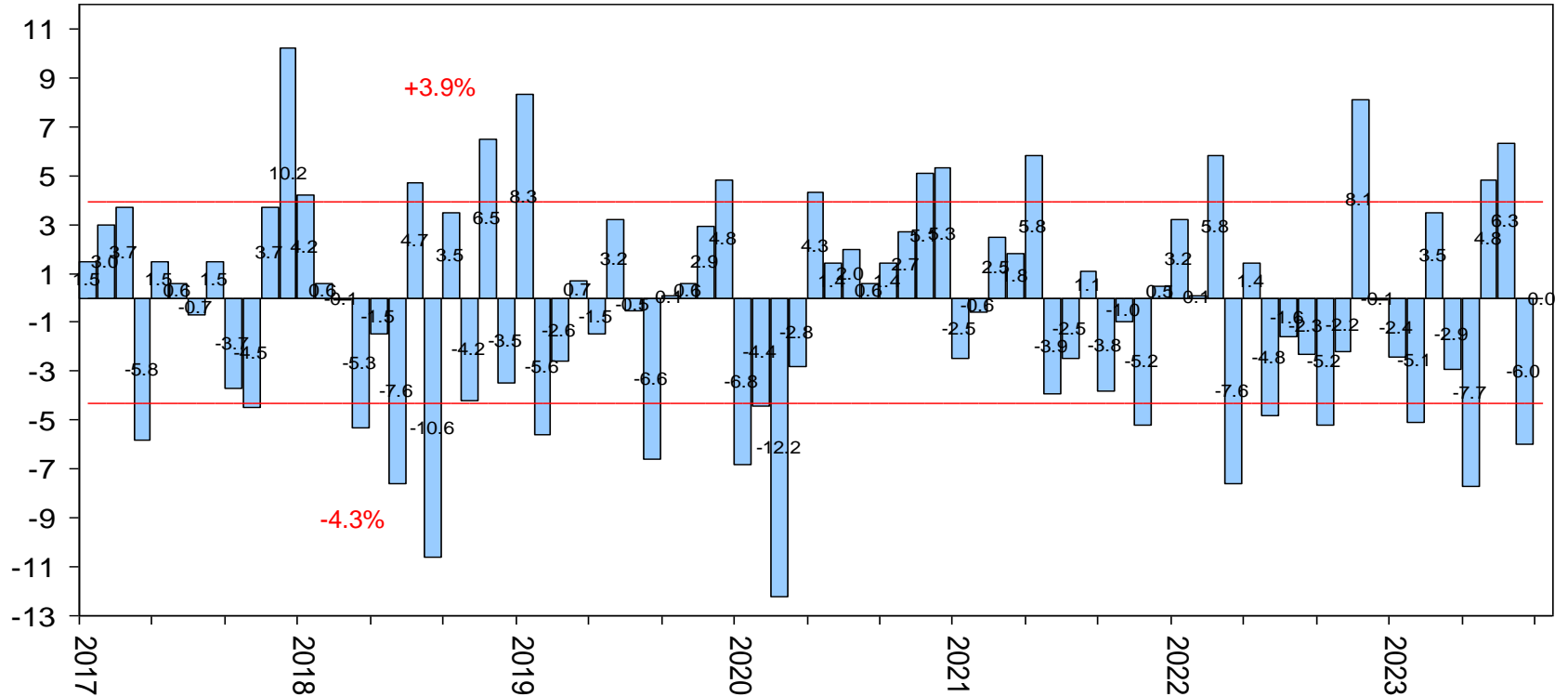
SA trade-weighted exchange rate

Index, nominal, daily data from JP Morgan



Monthly percentage change in Rand/Dollar

% month-on-month

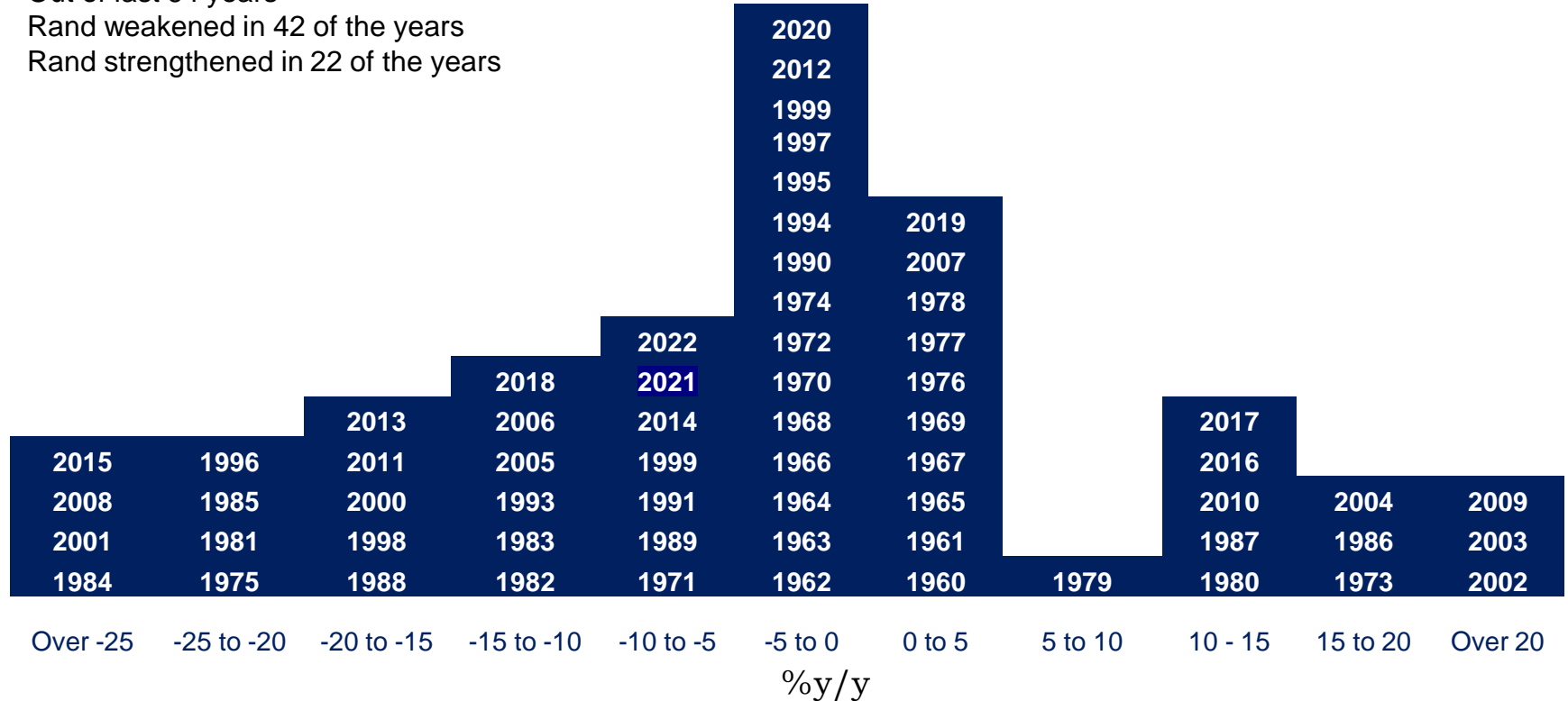


Rand/Dollar annual performance

Out of last 64 years

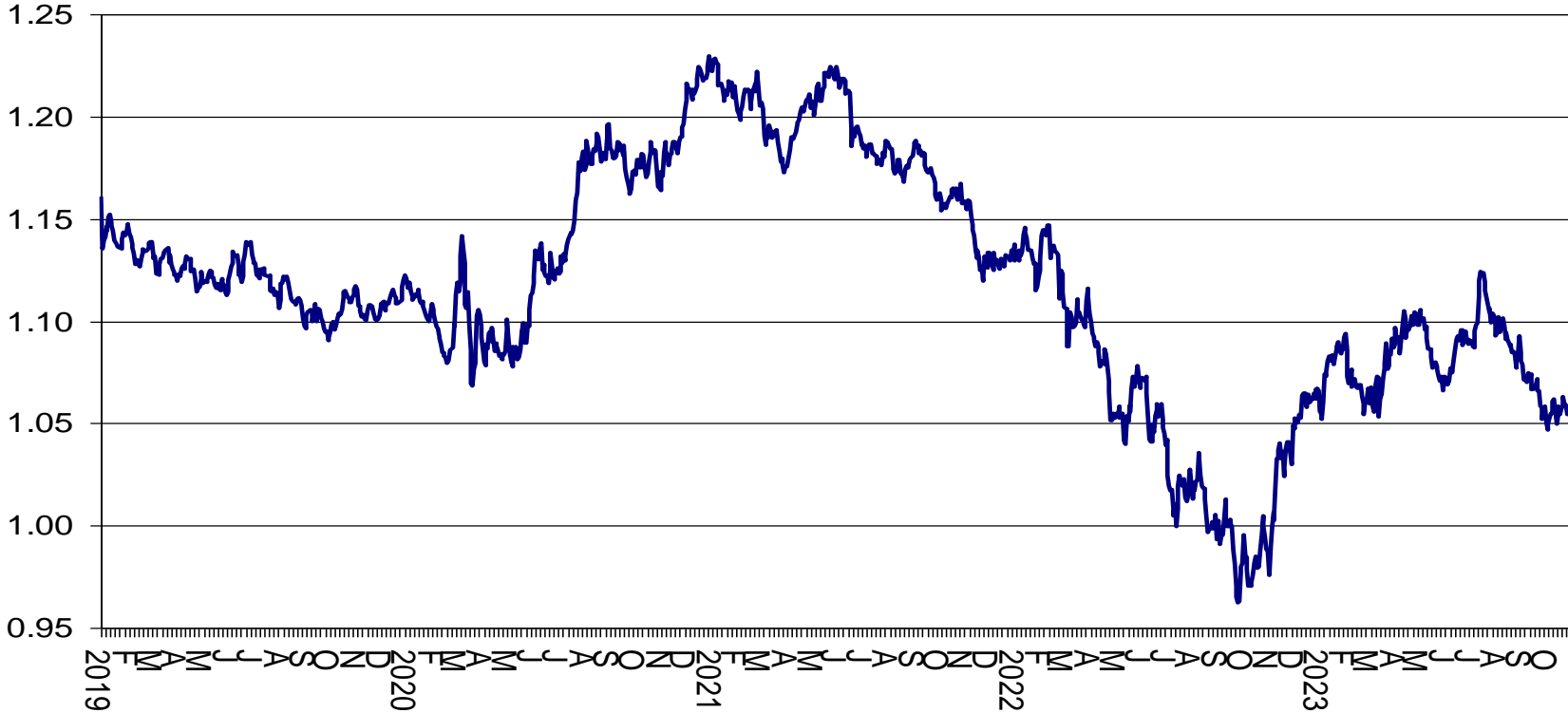
Rand weakened in 42 of the years

Rand strengthened in 22 of the years



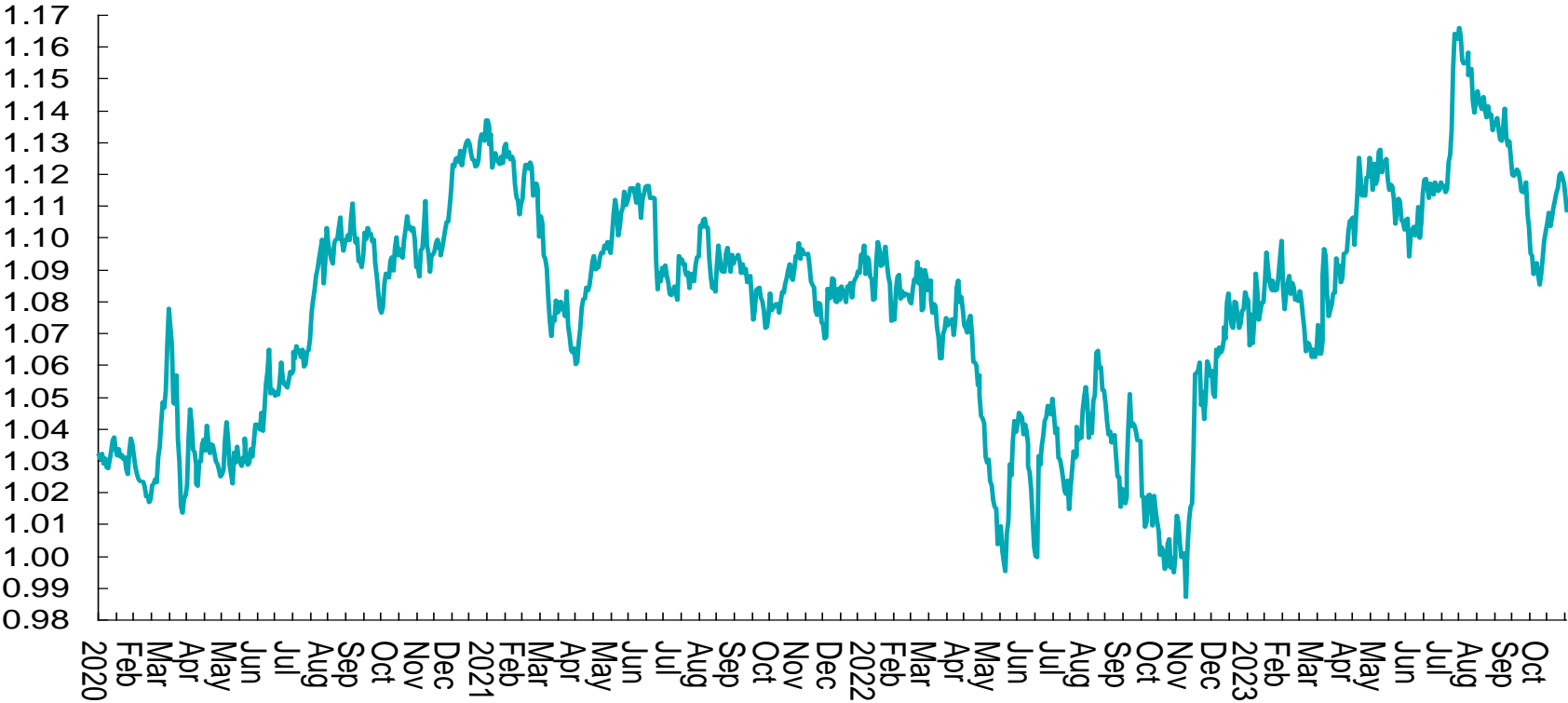
US Dollar vs Euro

Dollar per Euro



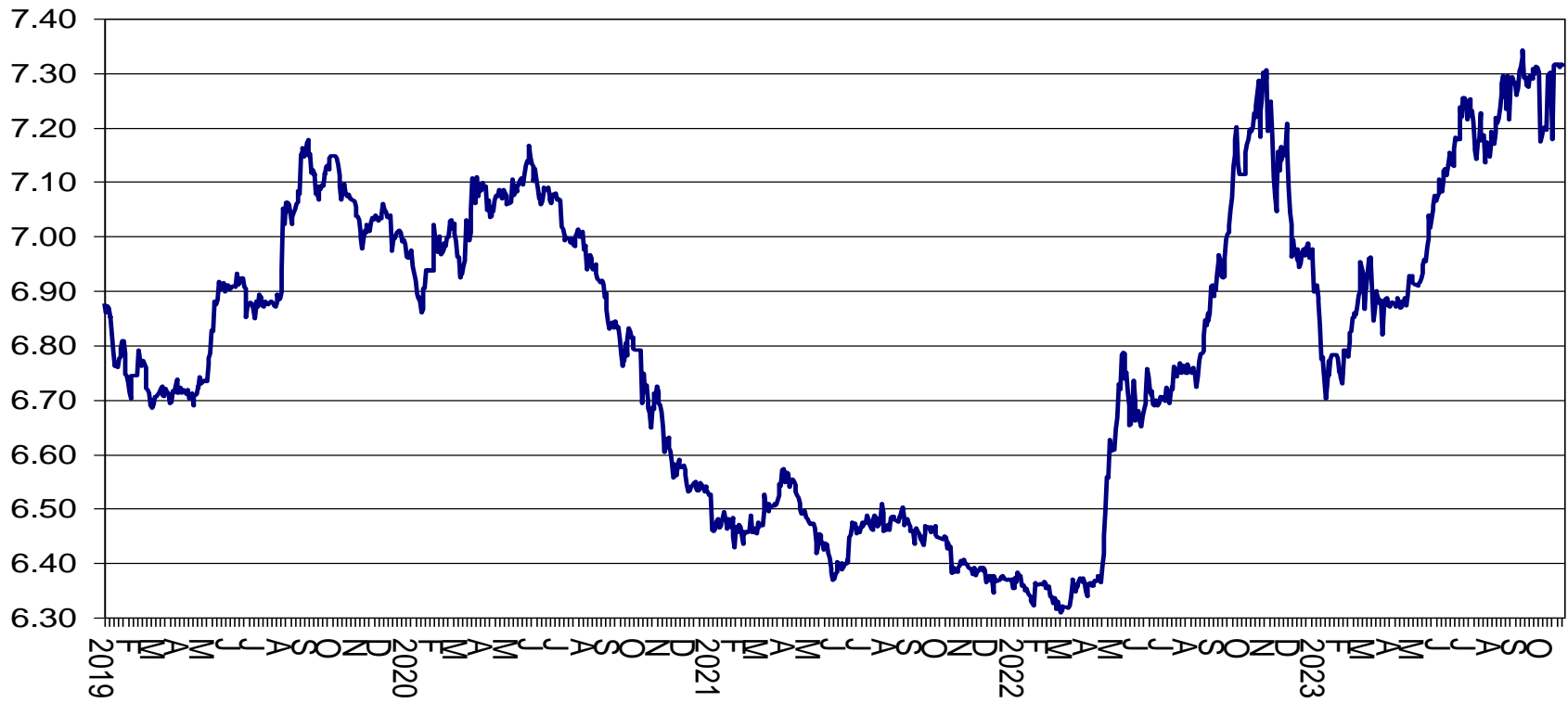
US Dollar per Swiss Franc

USD per CHF



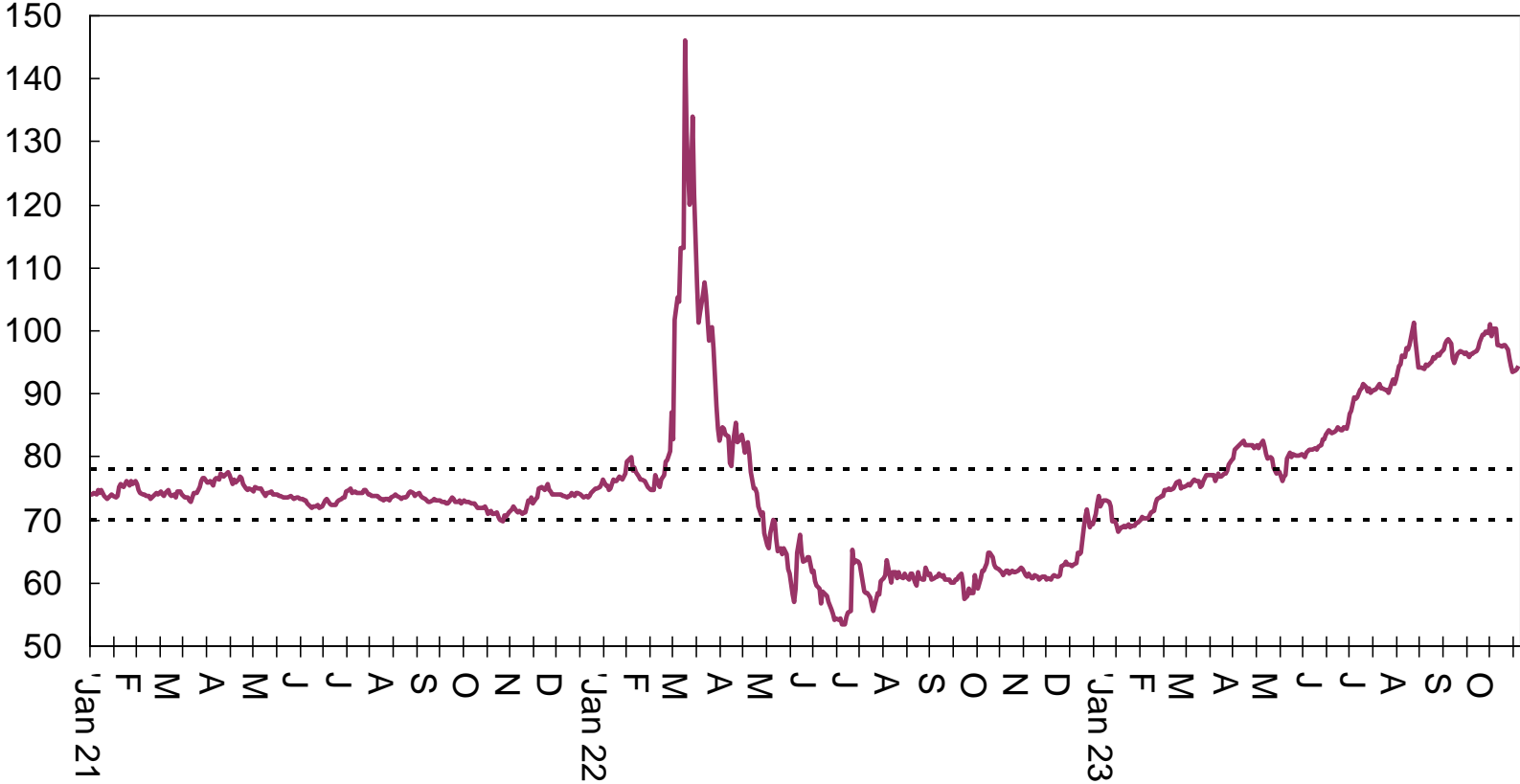
US Dollar vs CNY

CNY per US Dollar



Russian Ruble vs US Dollar (daily)

Ruble per Dollar



Japanese Yen per US Dollar

Yen per Dollar



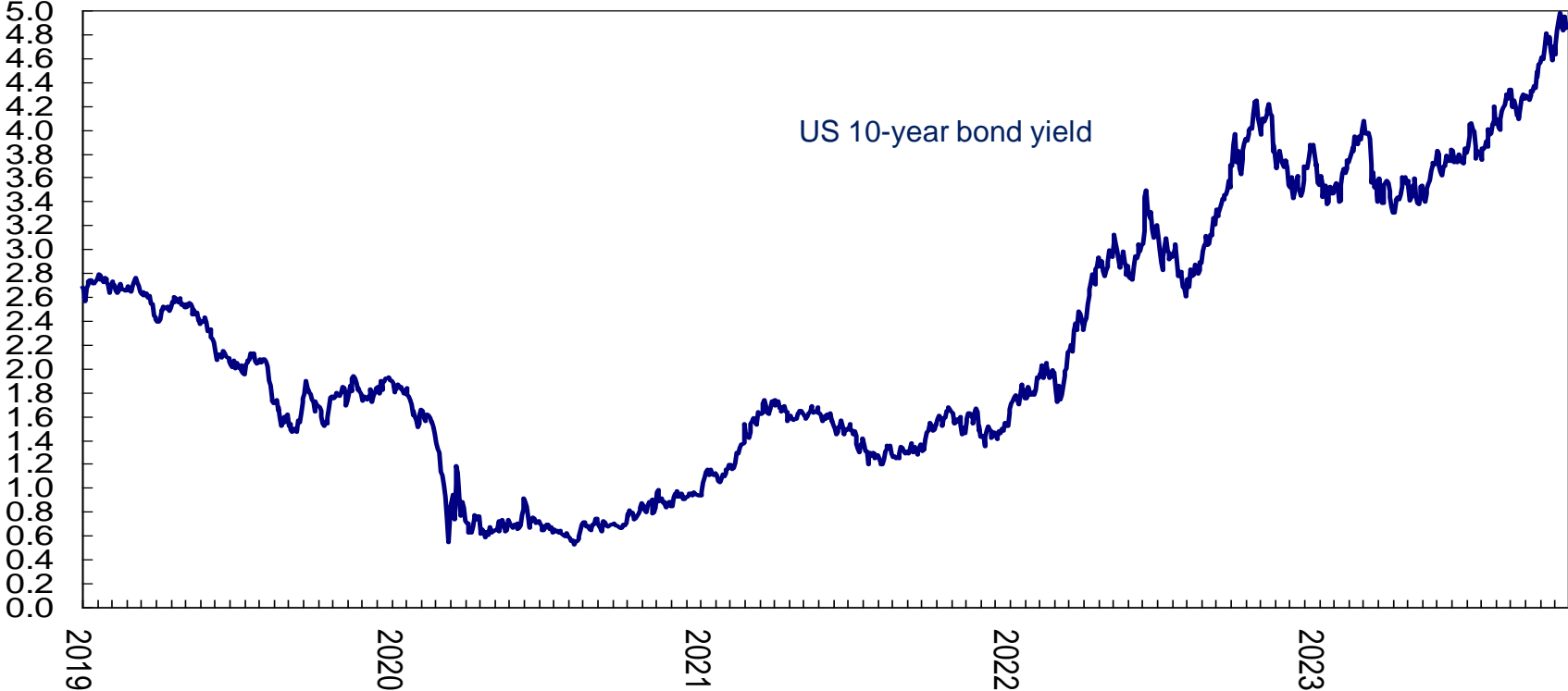
SA long-dated government bond yield

% yield



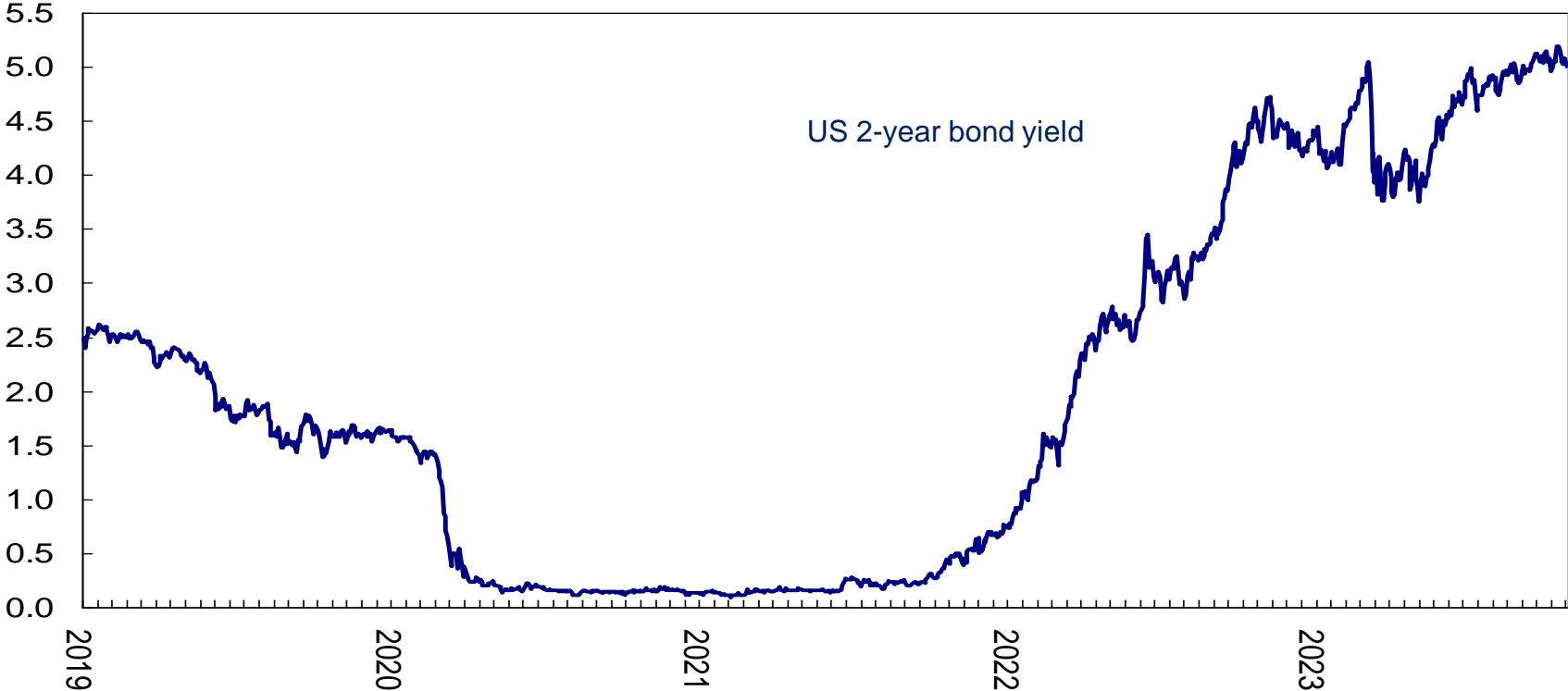
US 10-year government bond yield

% yield



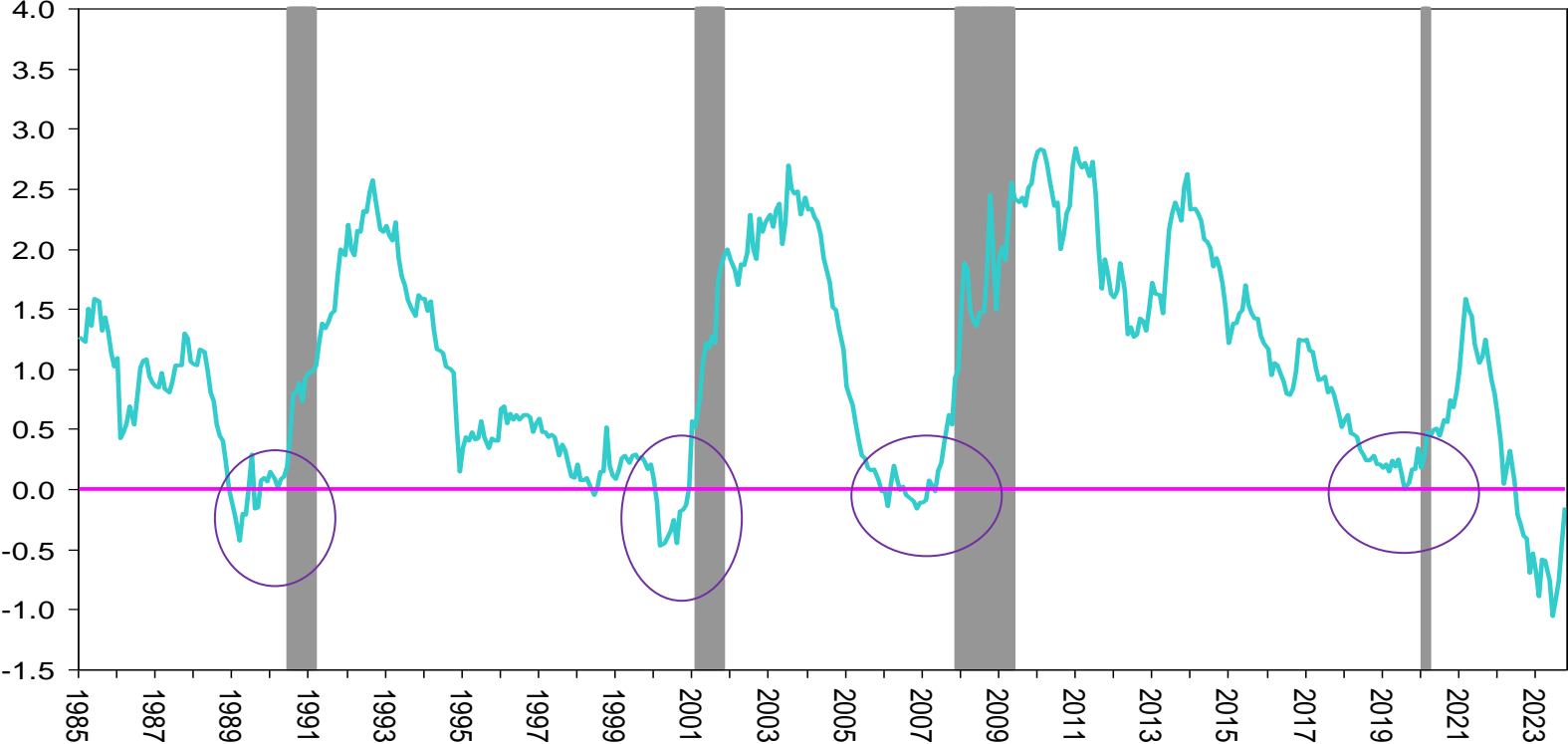
US 2-year government bond yield

% yield



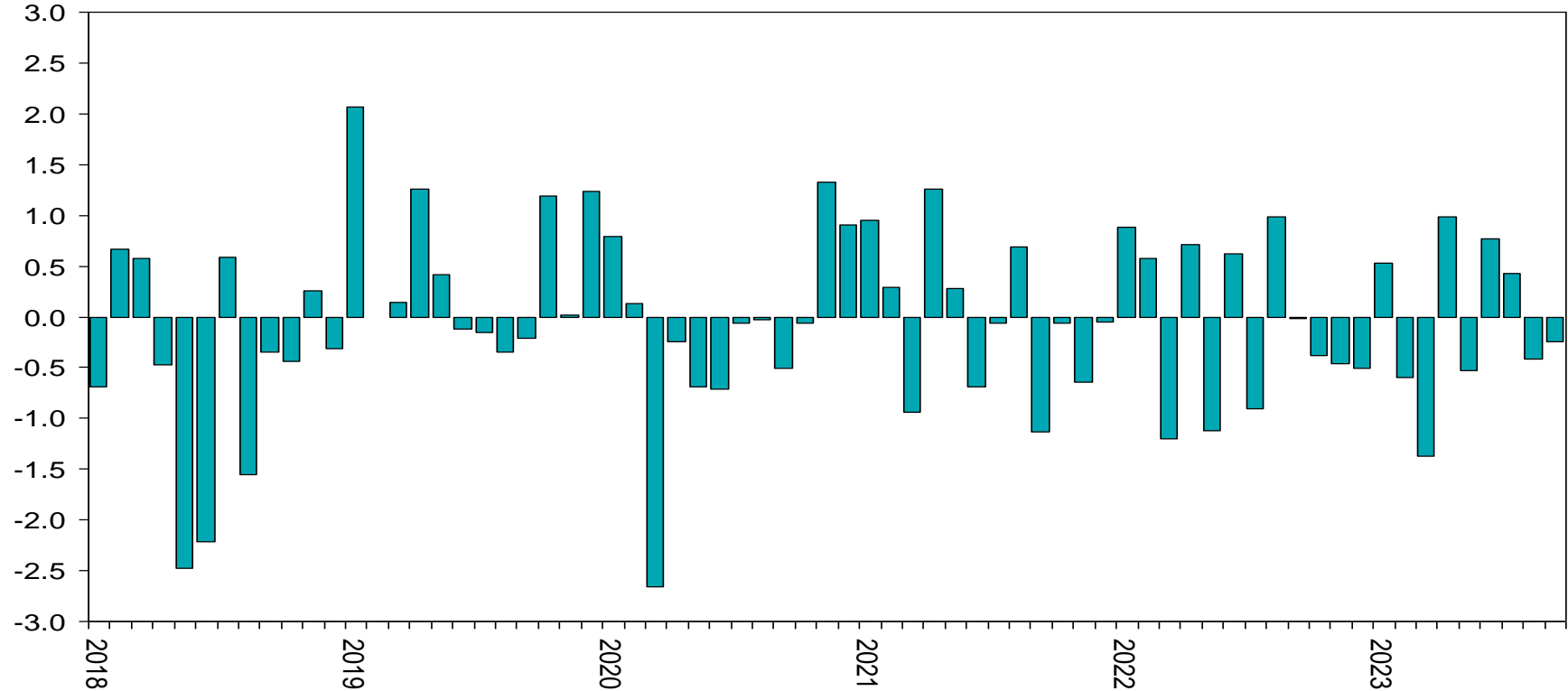
US 10-year less 2-year treasury and business cycle

Percentage points



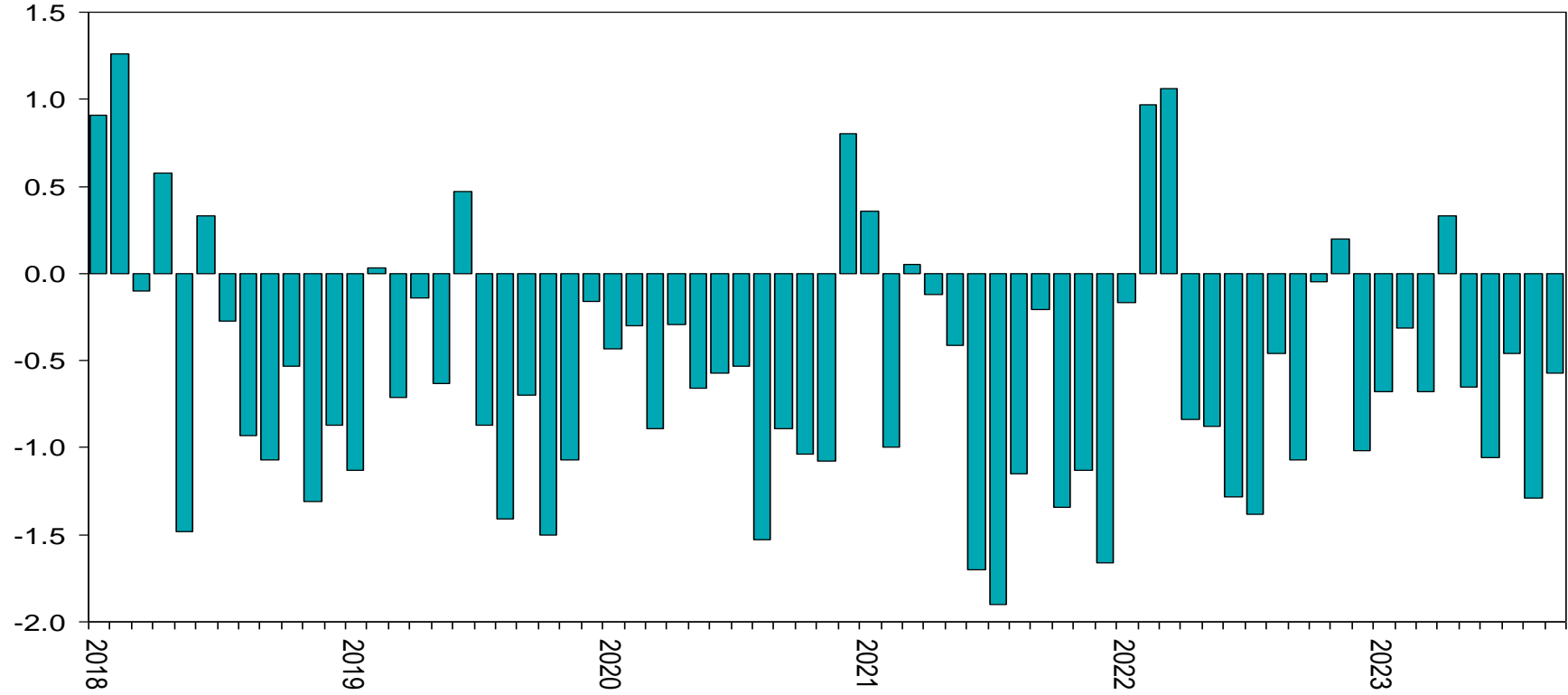
Foreign buying of South African government bonds

\$ billion (SA Reserve Bank data)



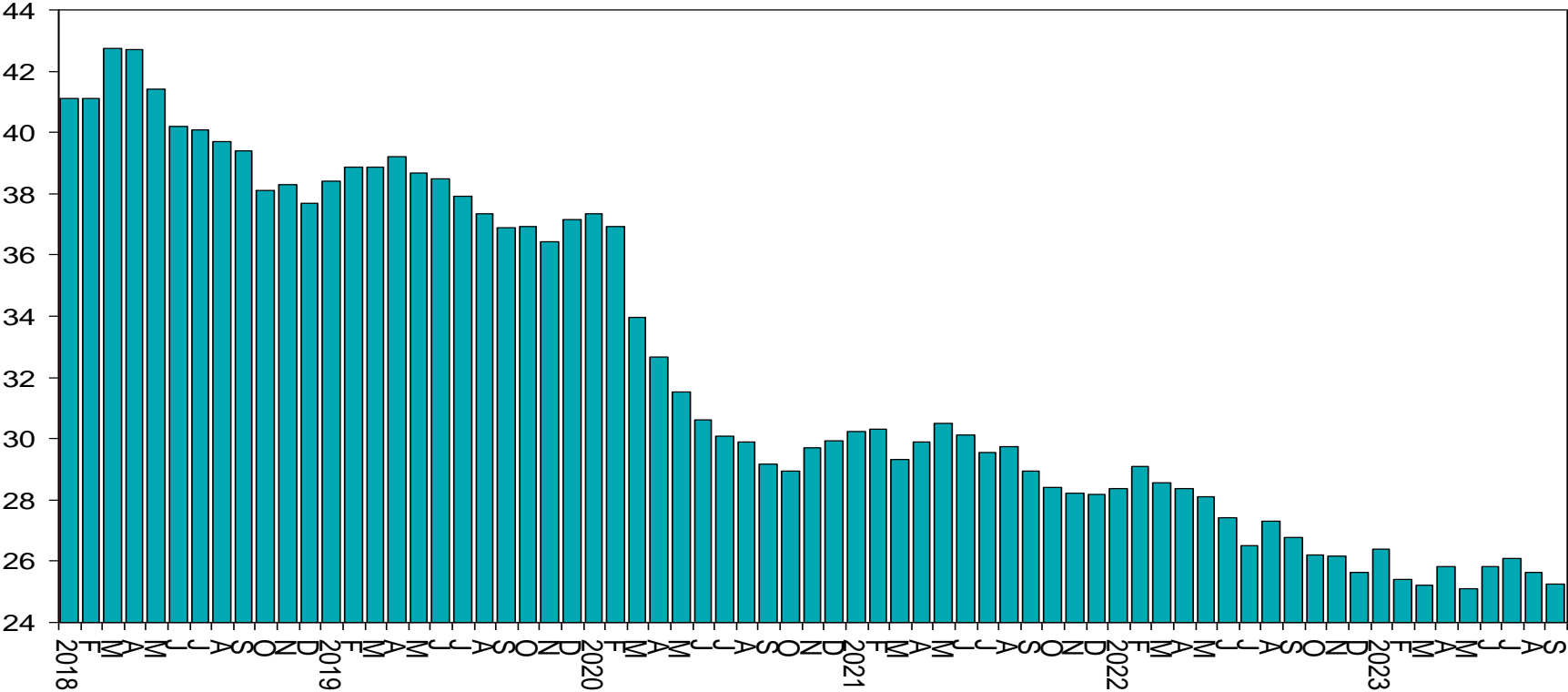
Foreign buying of South African equities

\$ billion (SA Reserve Bank data)



Foreign ownership of South African government bonds

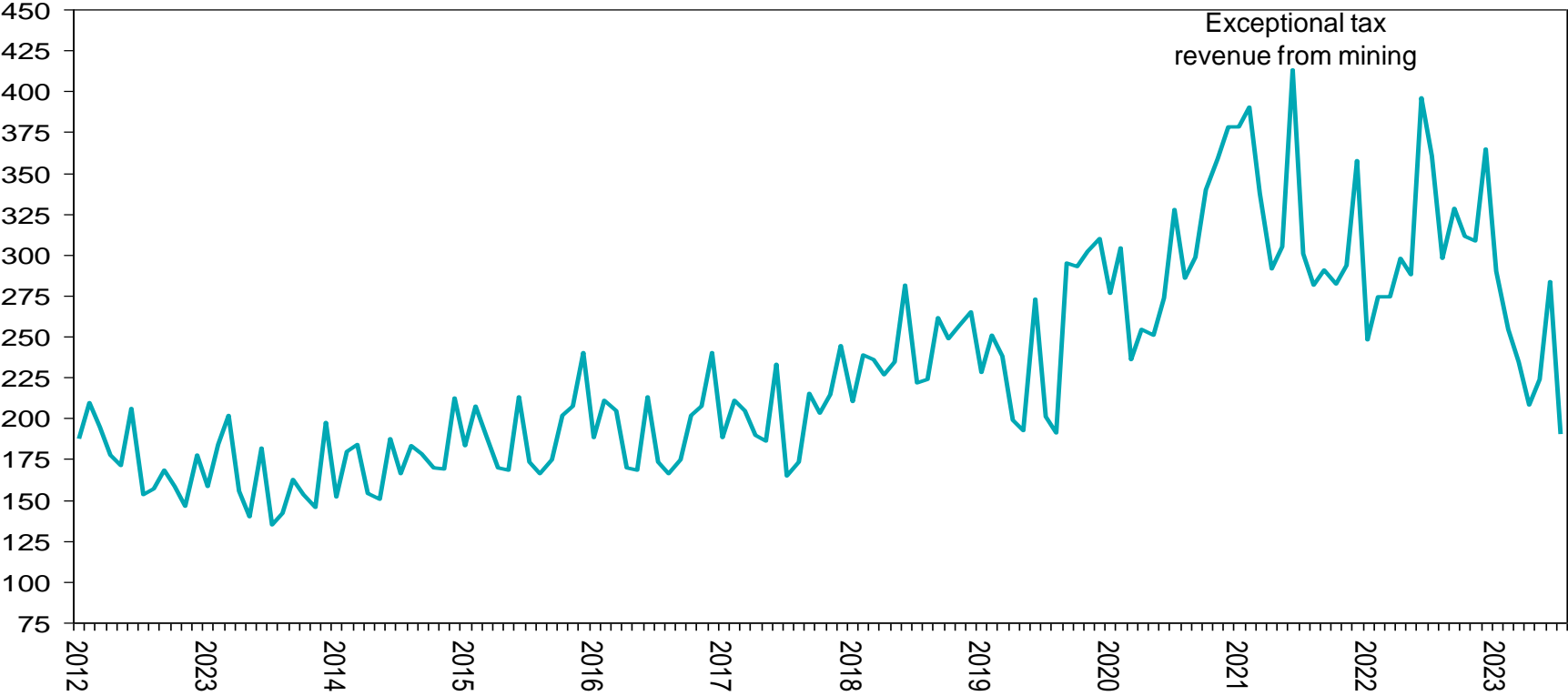
% of total



Source: South African National Treasury

SA government cash balance (commercial banks & Reserve Bank)

R billion

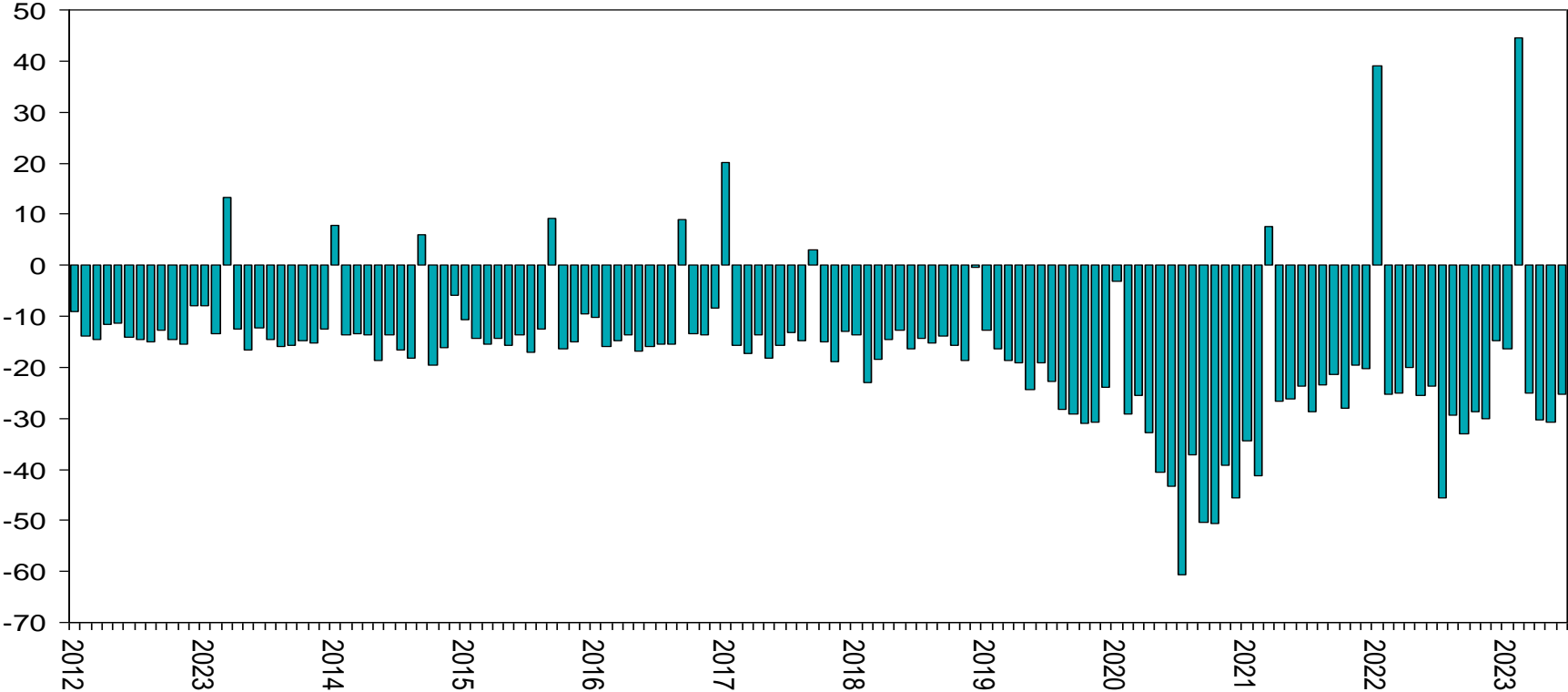


Source: South African National Treasury

SA government net domestic long-term debt issuance

R billion

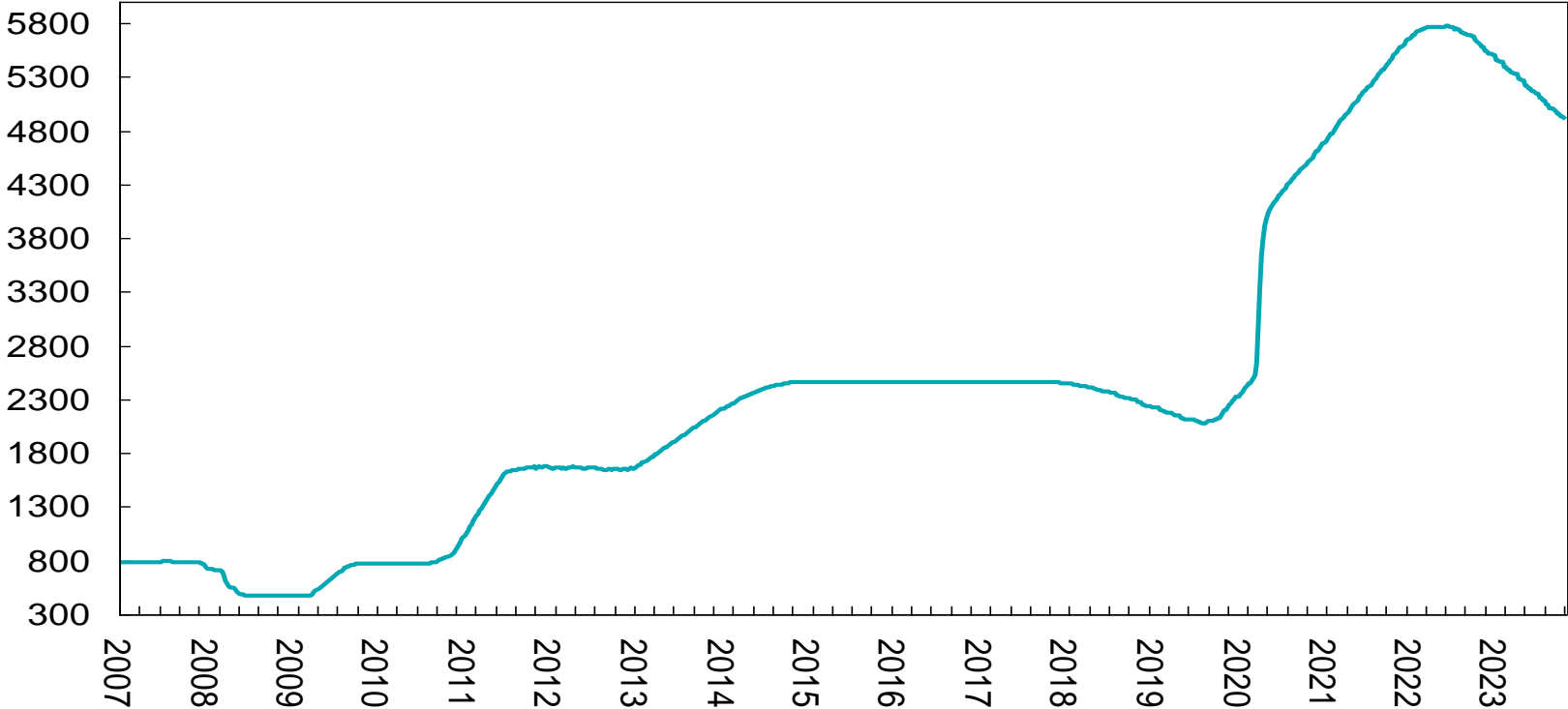
Positive balances reflect the net impact of debt redemptions during the month



Source: South African National Treasury

US Federal Reserve ownership of government bonds

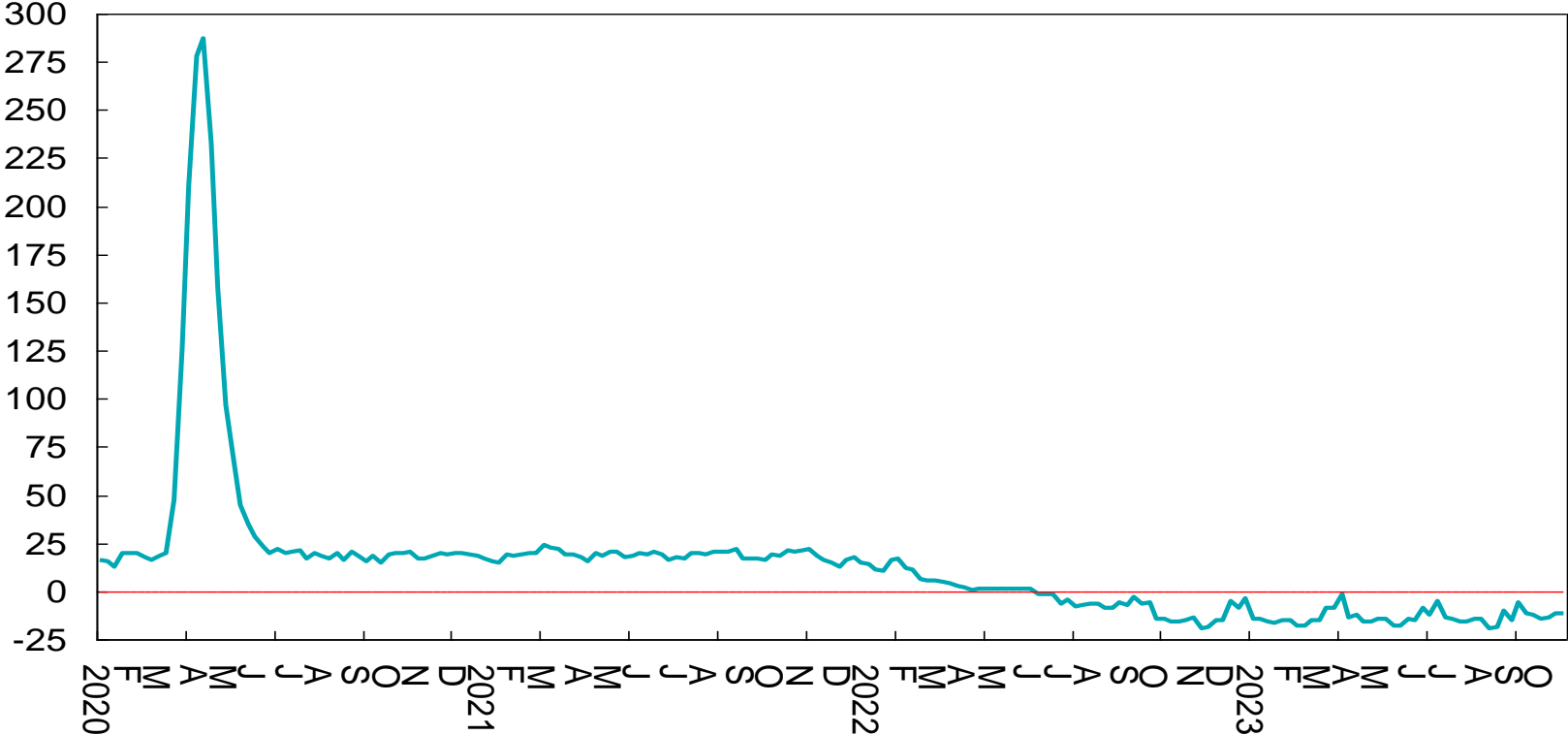
\$ billion



Source: US Federal Reserve

US Federal Reserve purchase of government bonds

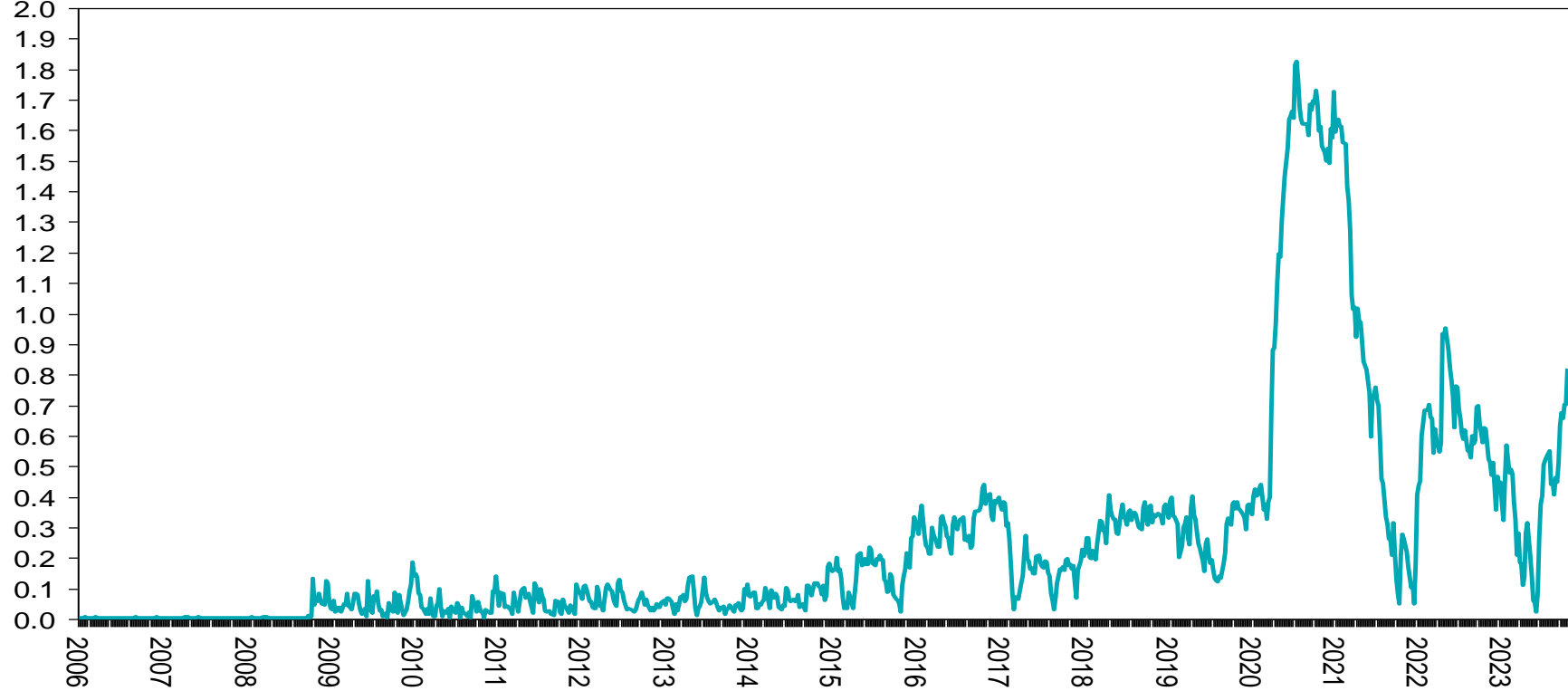
4-week average rate of purchases, \$ billion



Source: US Federal Reserve

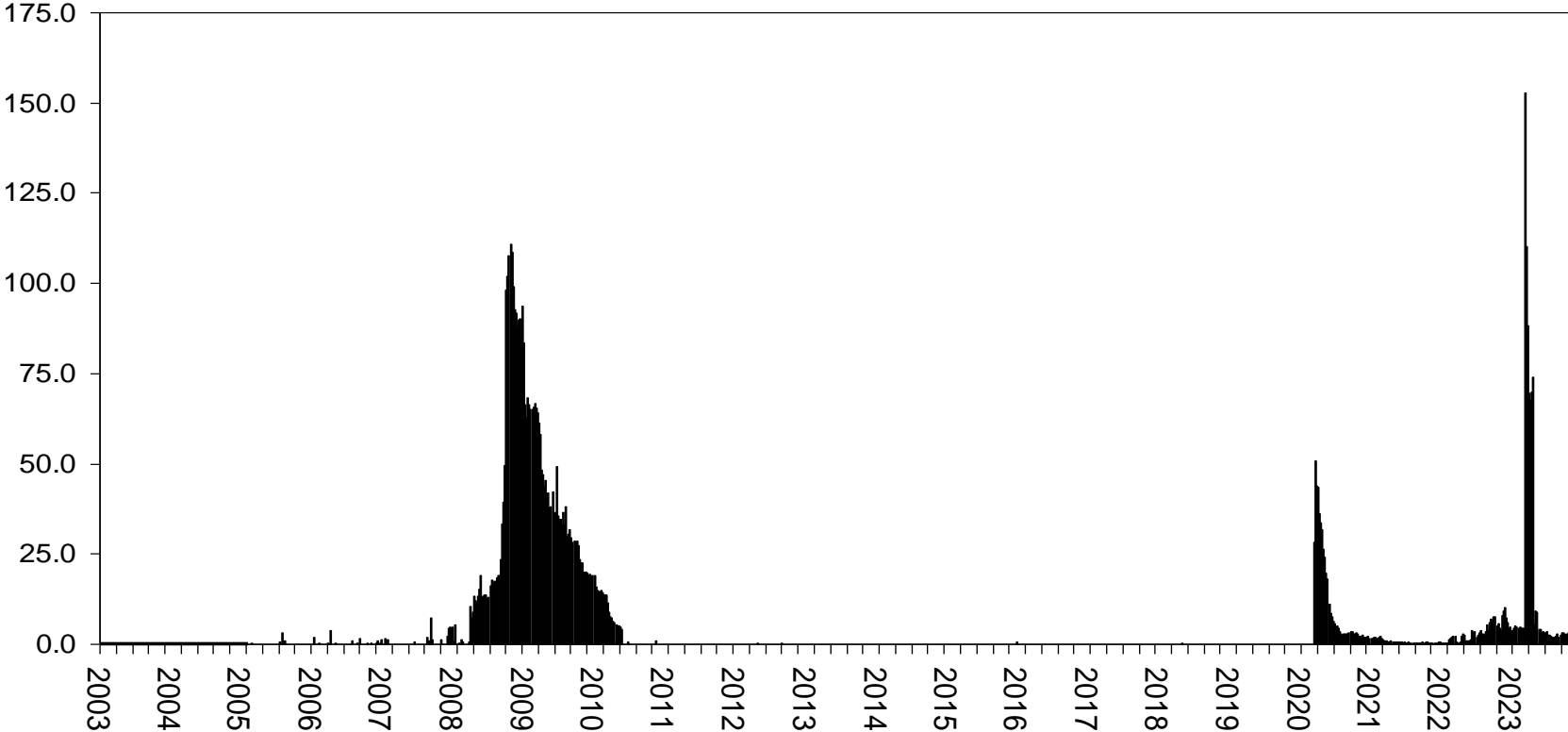
US Treasury cash balance at Federal Reserve

\$ trillion, weekly



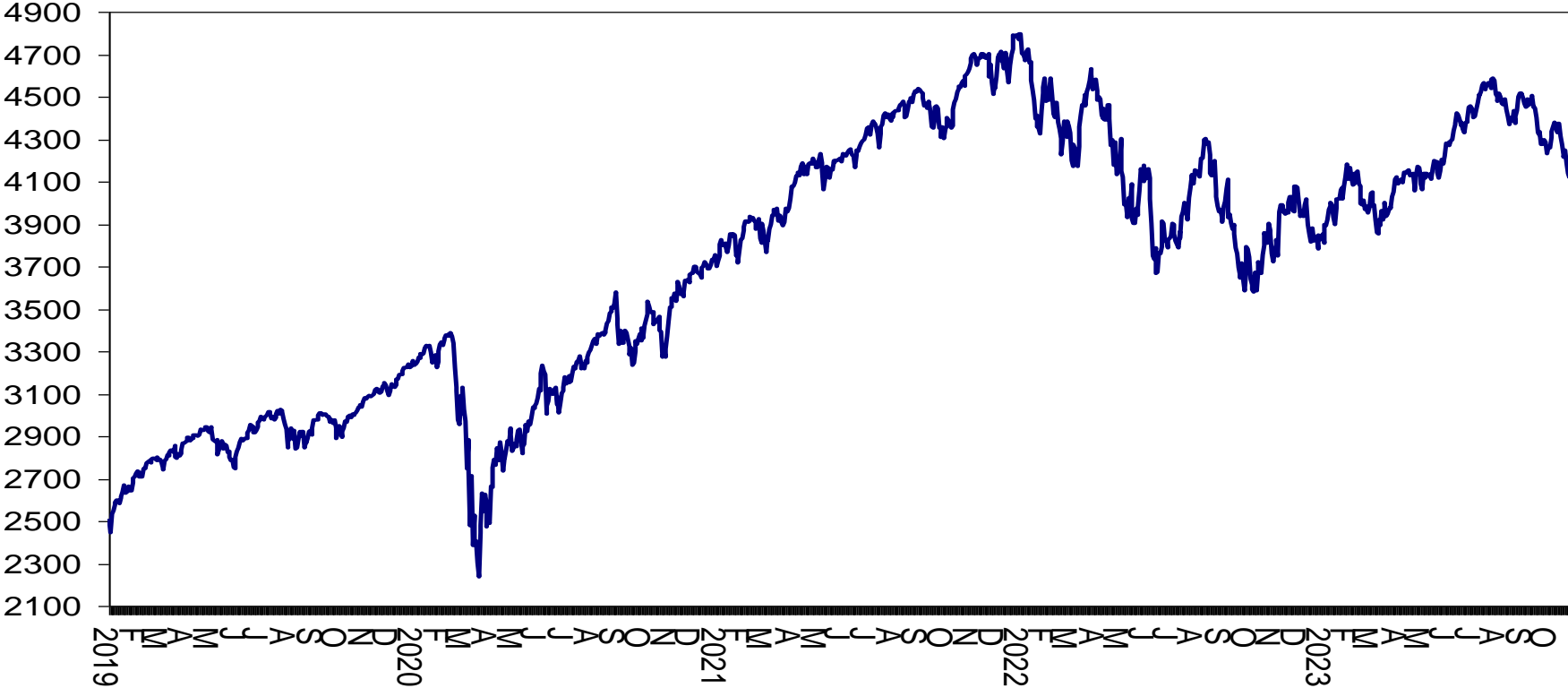
US Federal Reserve discount window (balance)

\$ billion (weekly data)



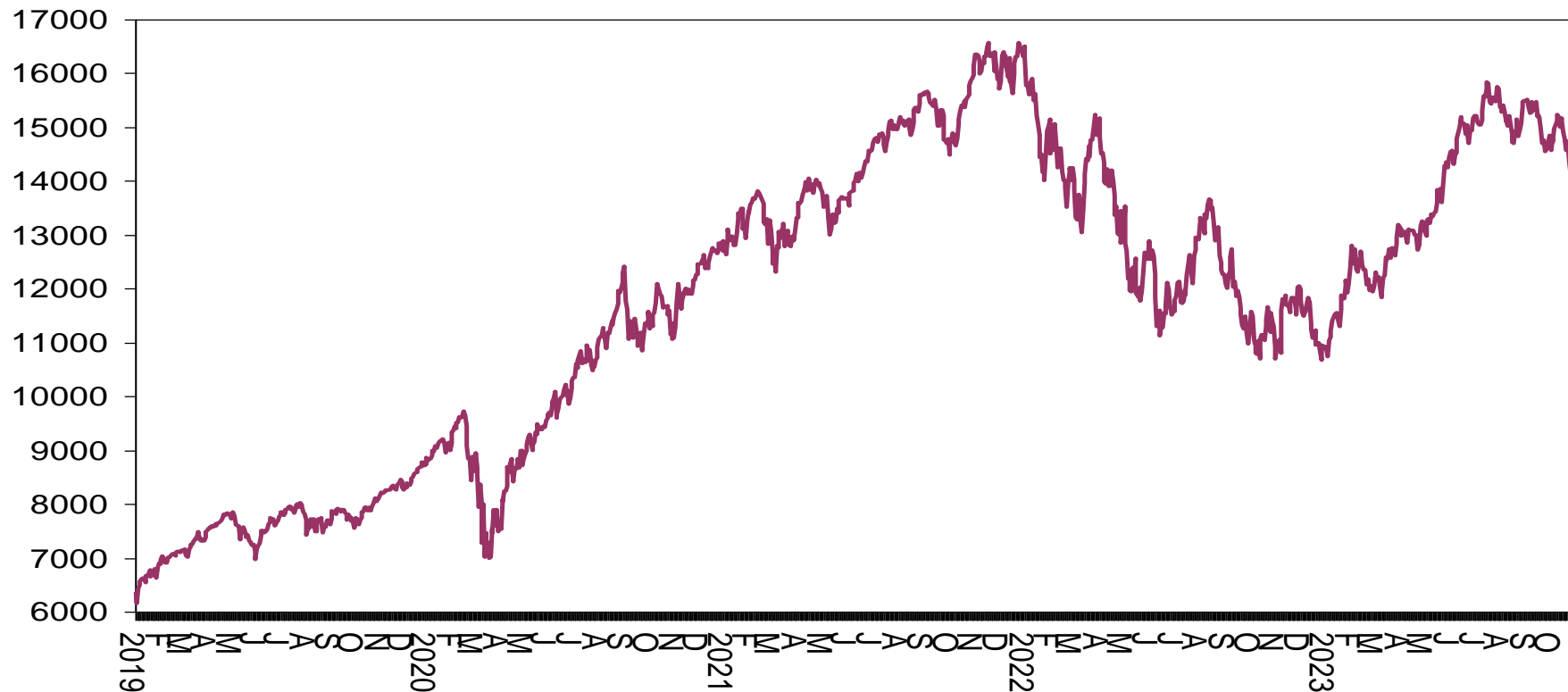
US S&P 500

Index



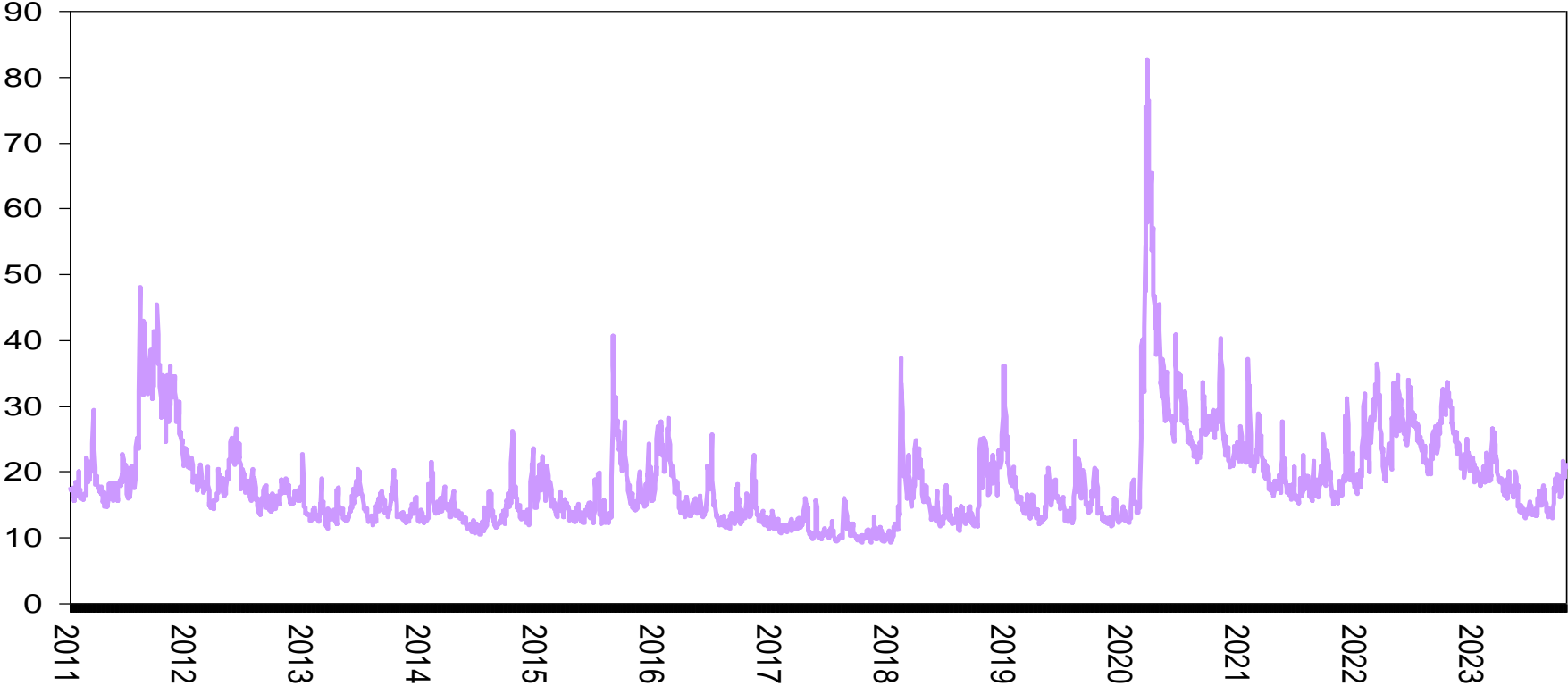
US NASDAQ (100) index

Index



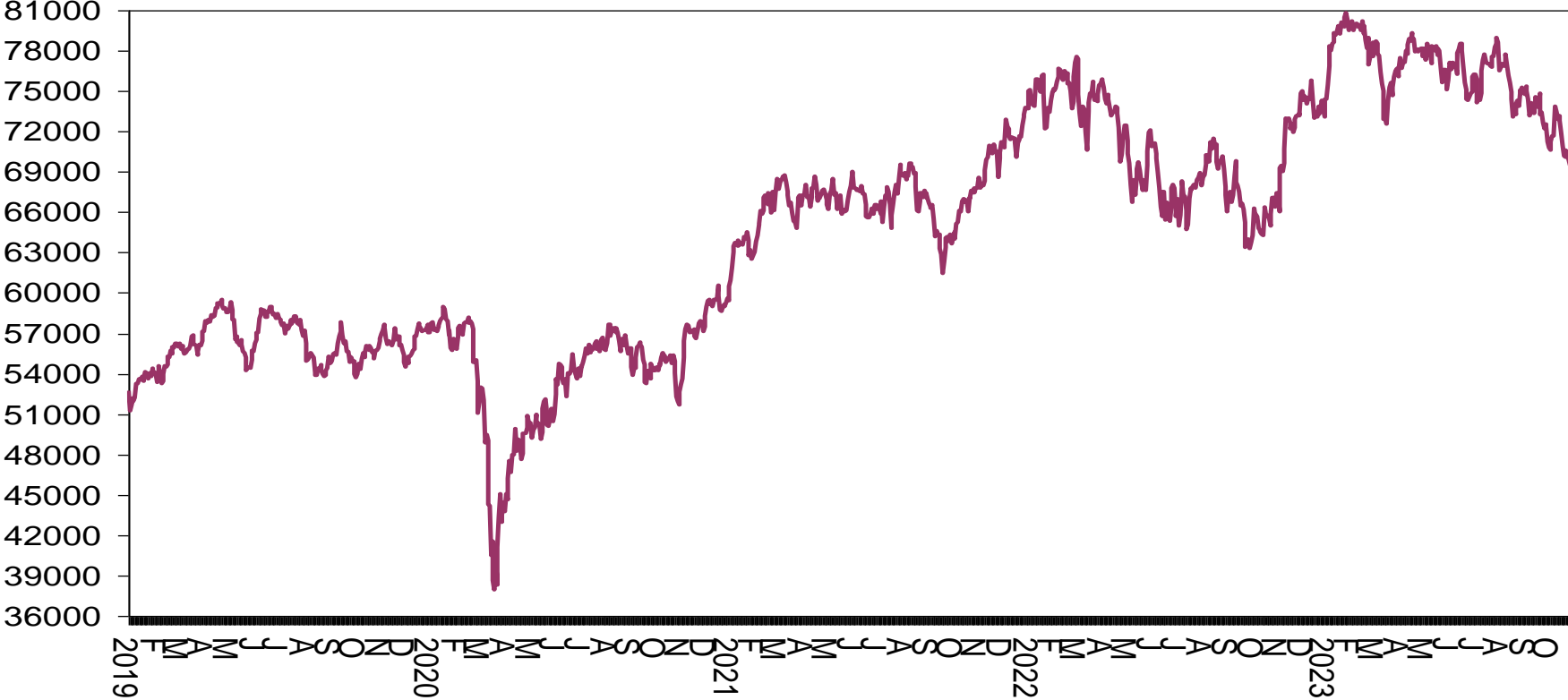
Chicago Board Options Exchange volatility index (VIX index)

Index



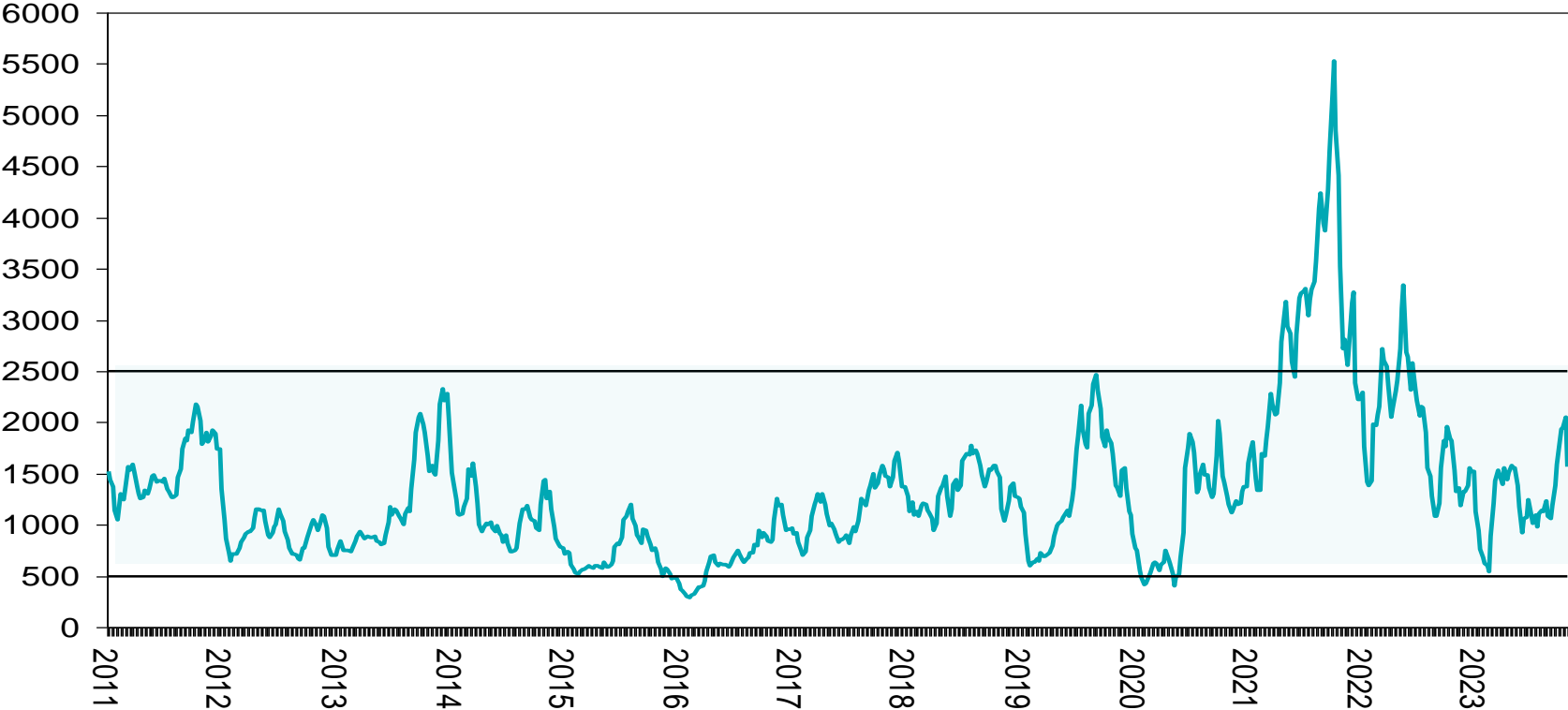
SA equity market

Index



Baltic Dry Index (shipping cost of commodities)

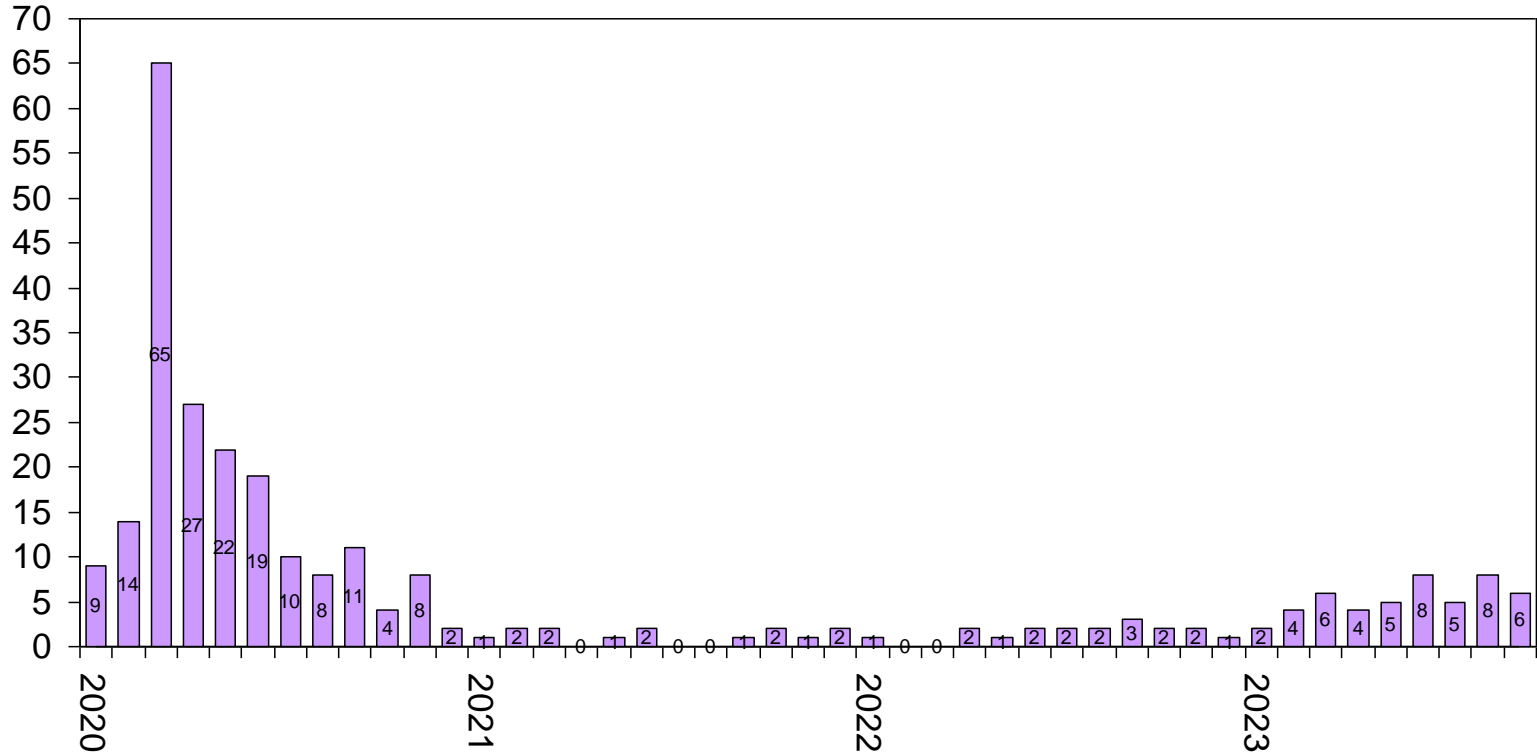
Index, Baltic Exchange



Source: Baltic Exchange

Number of central banks cutting interest rates each month

Number of central banks each month out of a possible 80 central banks



US fast economic data: 23 to 29 October 2023

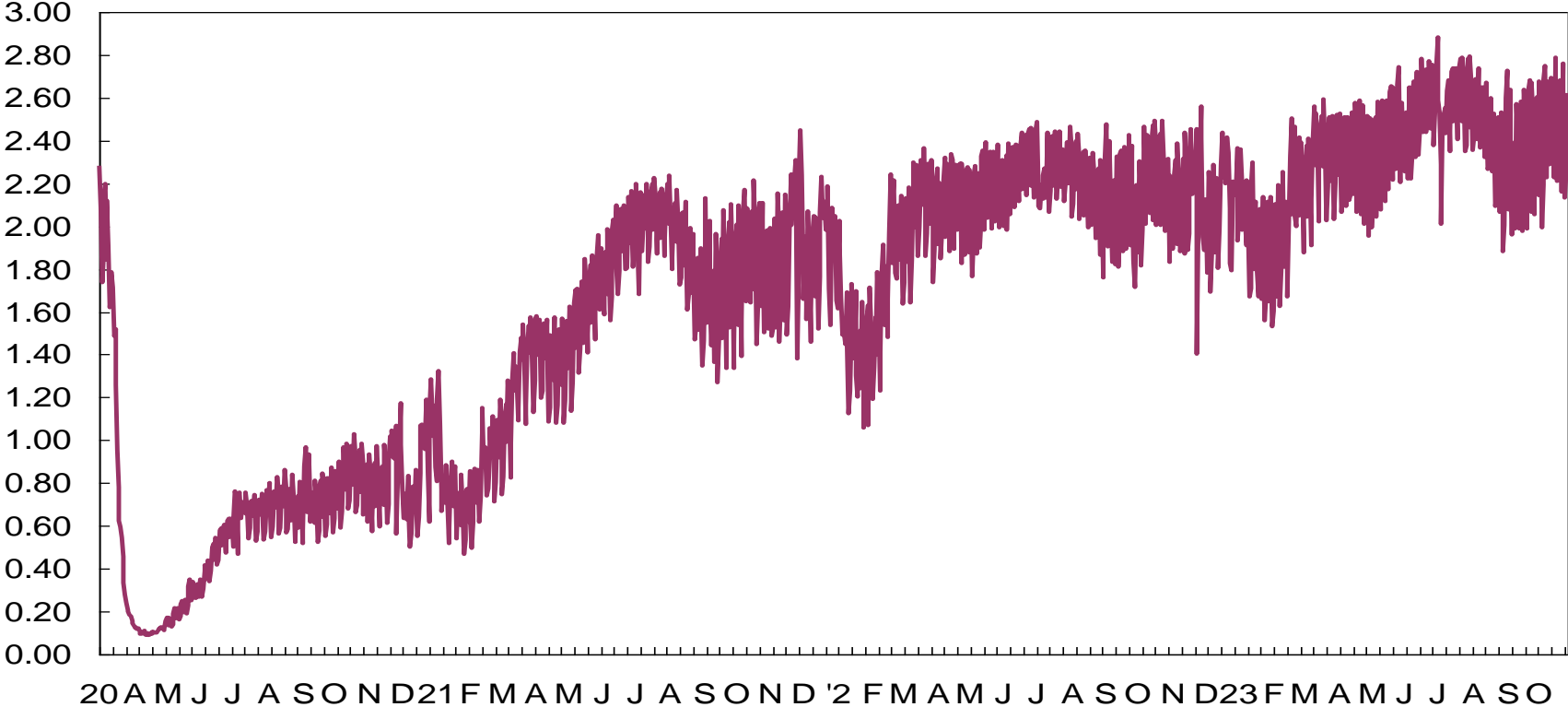
- US daily number of airport passengers
- US weekly motor gasoline sales
- US steel production capacity utilisation weekly
- US oil and gas rig count
- US weekly rail traffic



STANLIB

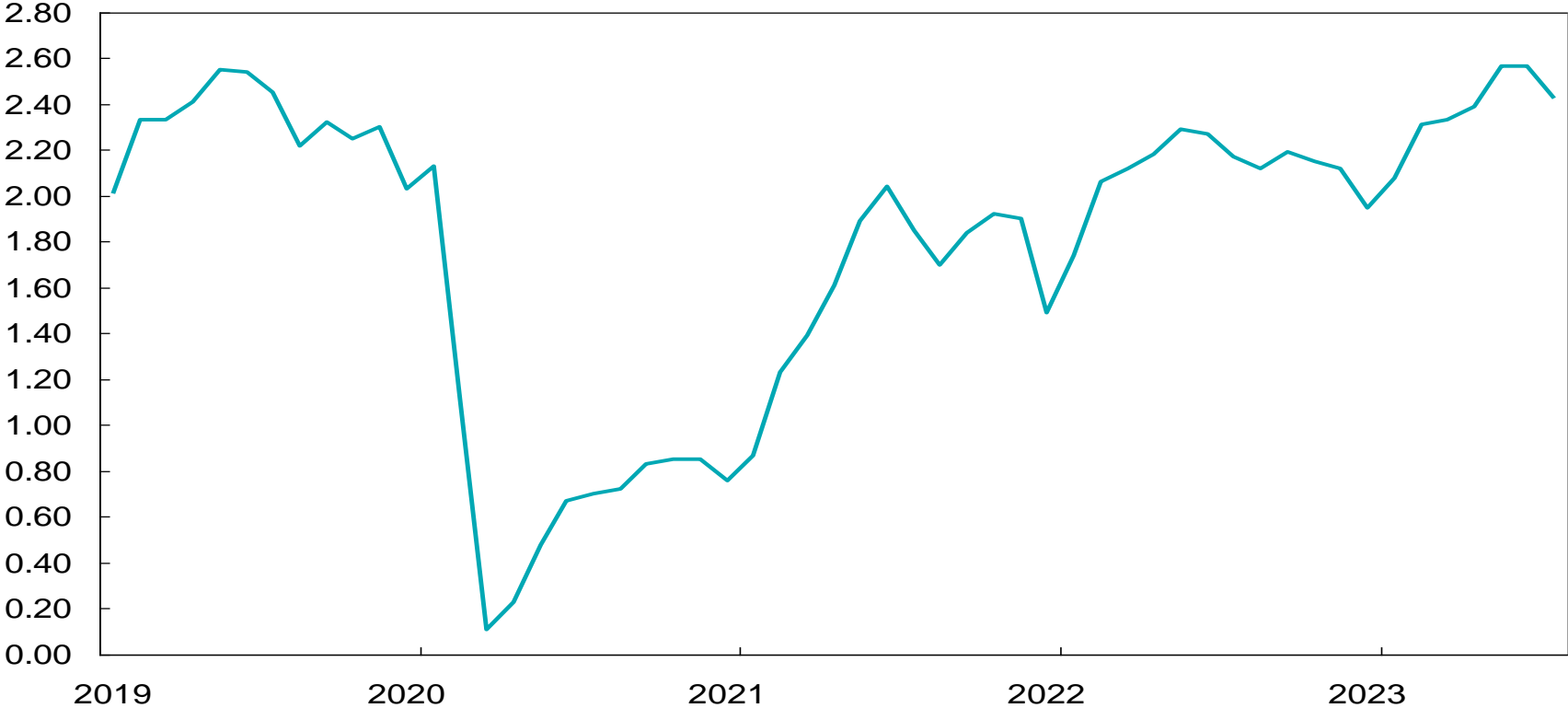
US number of daily airport passengers

Number of passengers



US number of airport passengers (monthly)

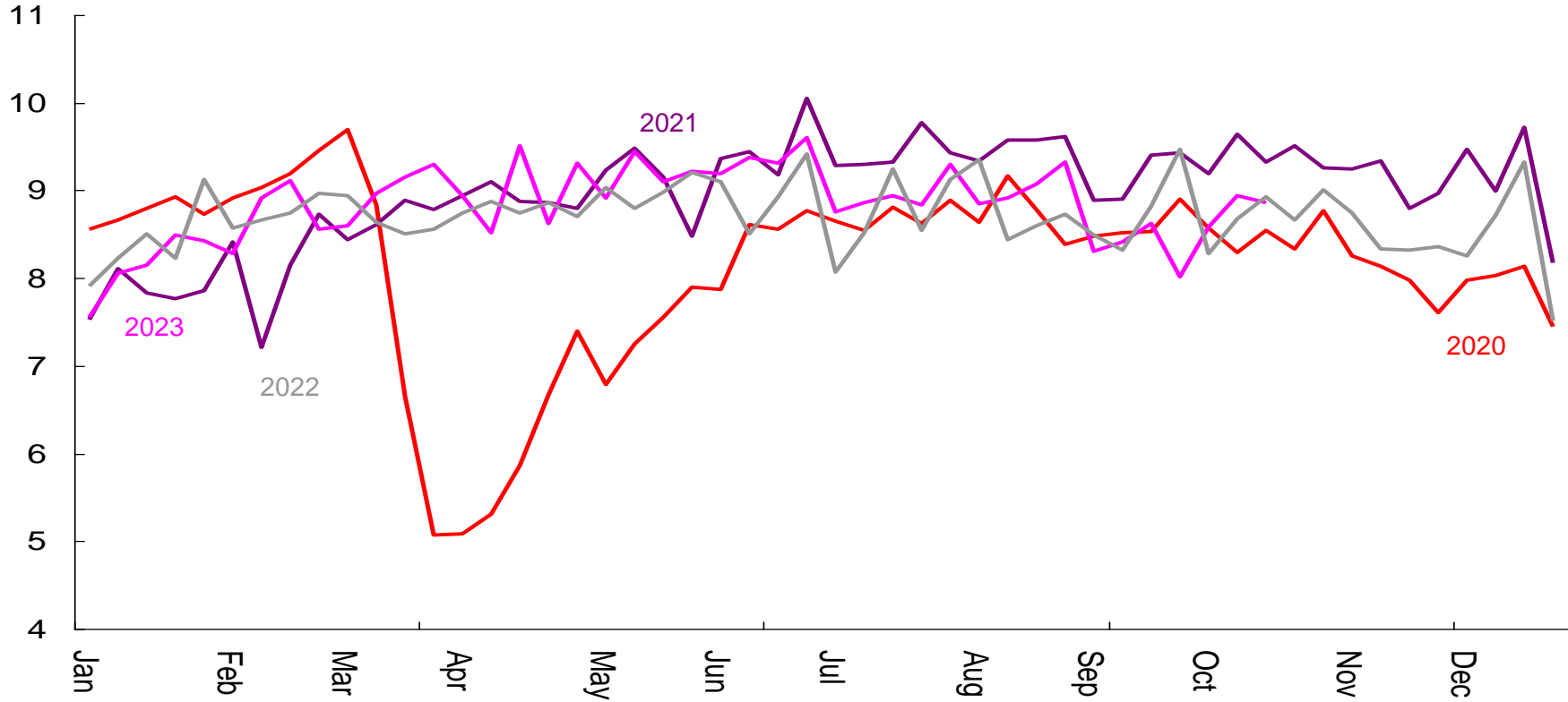
Number of passengers, millions



• Source: [US Department of Transport](#)

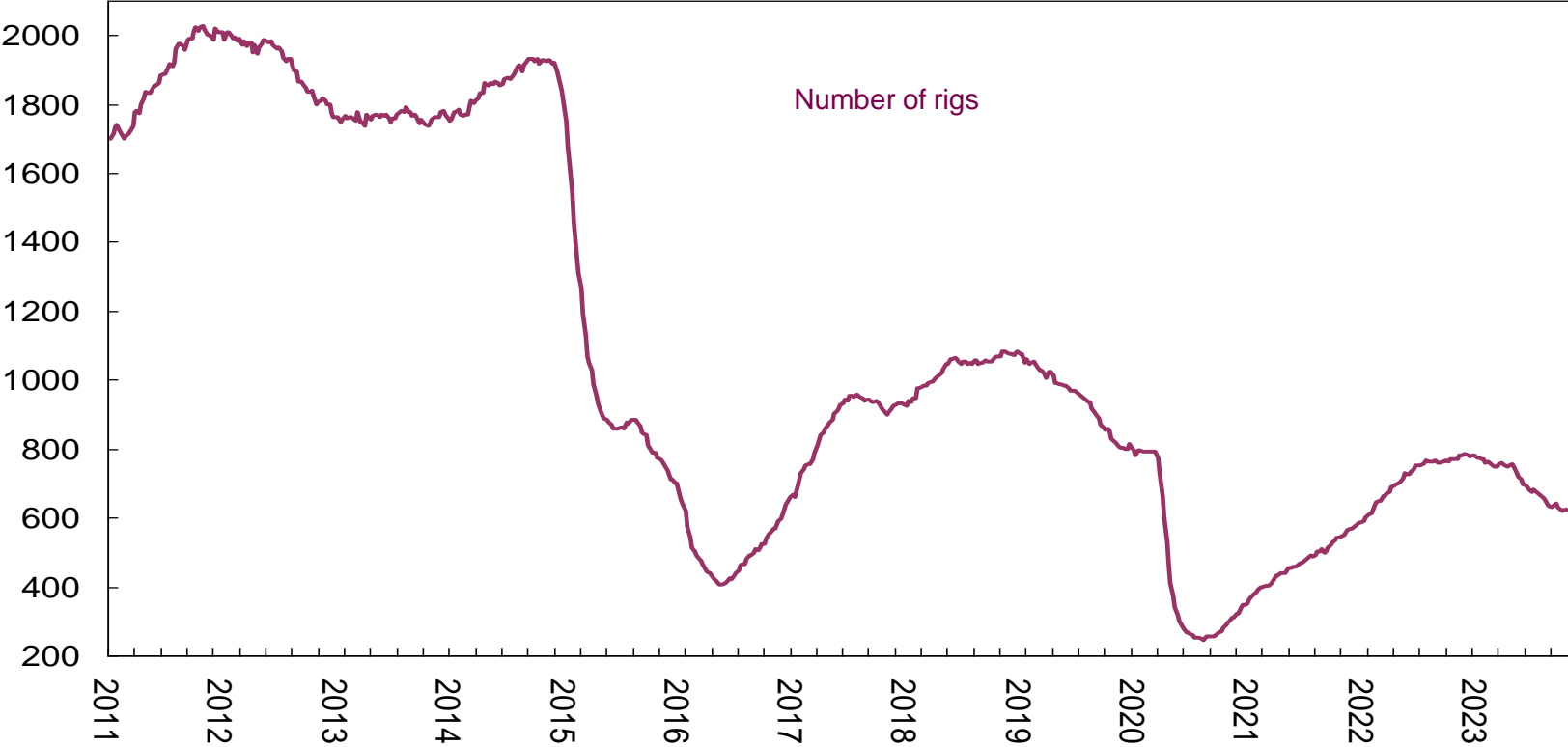
US weekly motor gasoline supply

Million barrels per day



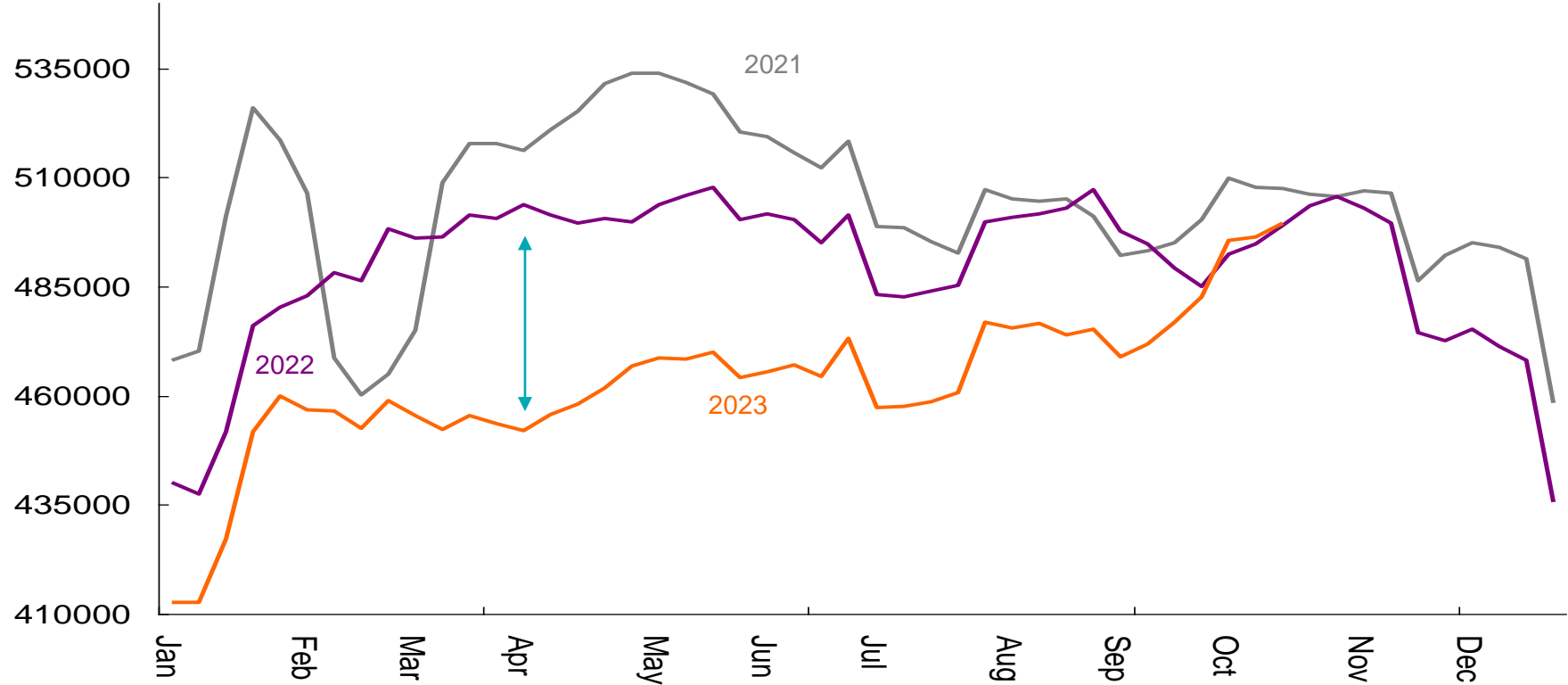
US oil and gas rig count

Number of rigs



US weekly rail traffic

Carloads and/or intermodal units



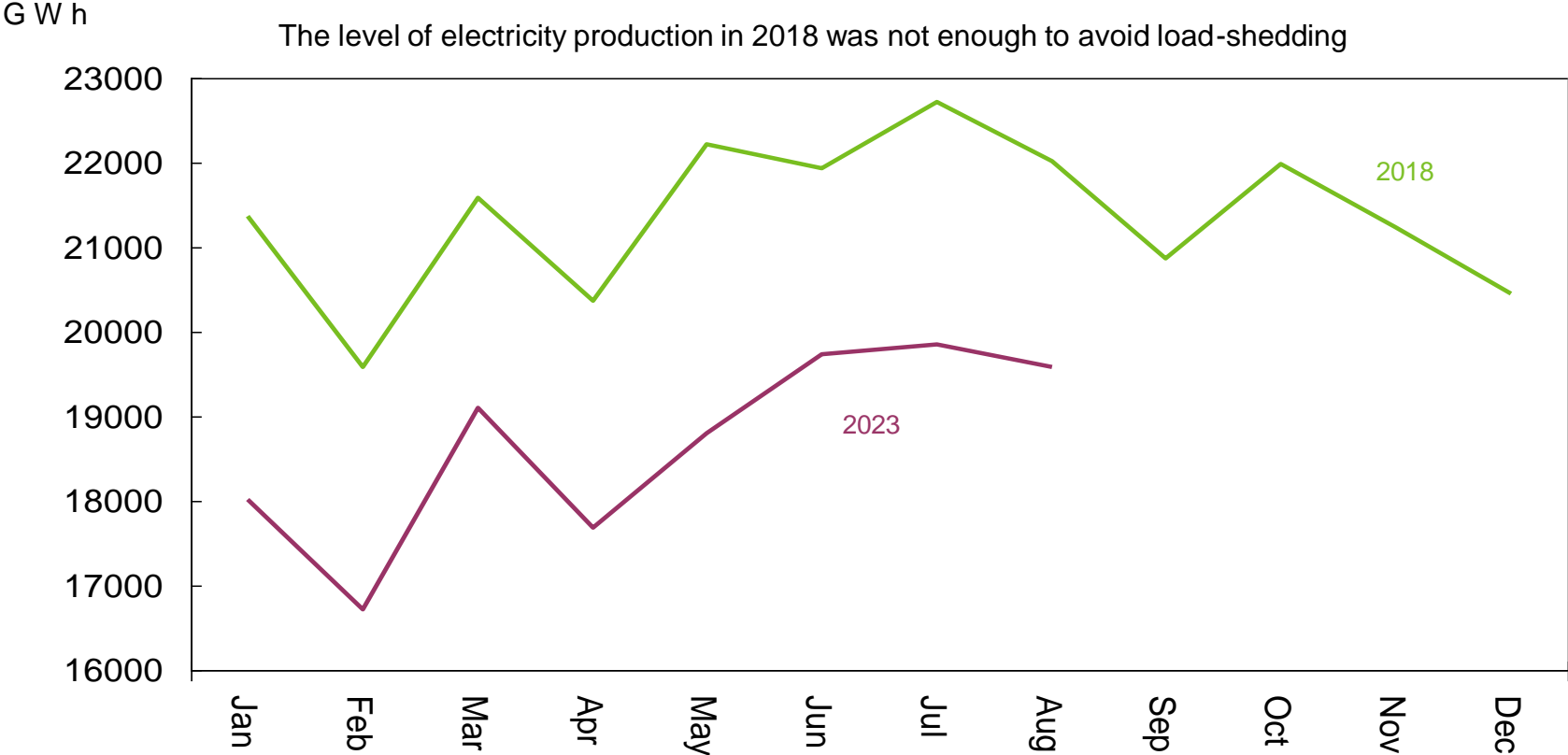
SA energy crisis: 23 to 29 October 2023

- Independent Power projects (NERSA)
- SA number of days of load-shedding
- Eskom's Energy Availability Factor (EAF)



STANLIB

South Africa electricity production: 2018 vs 2023



• Source: Statistics South Africa

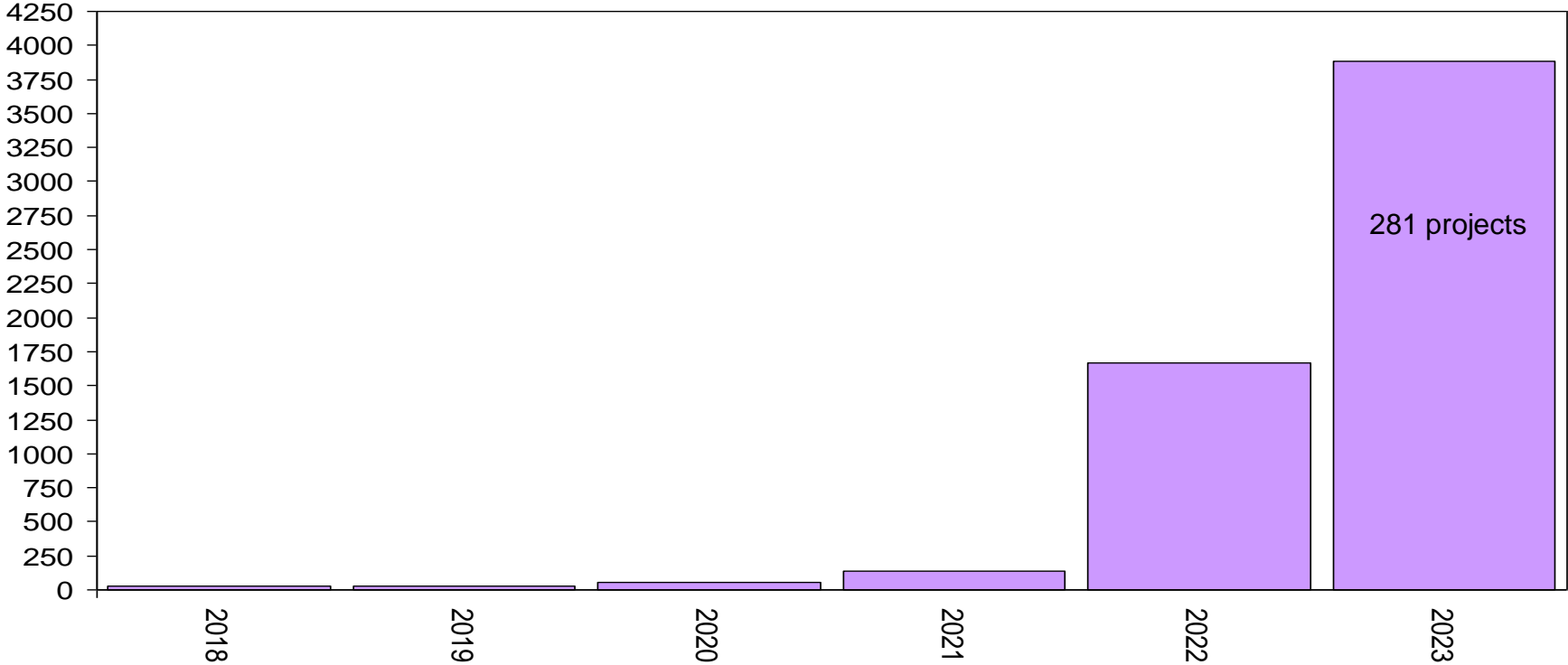
Private sector power projects (NERSA)

Year	Number of projects	MW of all projects
2018	52	26
2019	41	23
2020	124	53
2021	282	134
2022	406	1664
2023*	281	3885

*Jan-September 2023

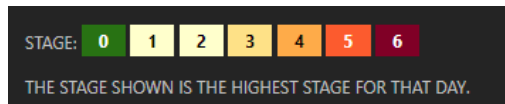
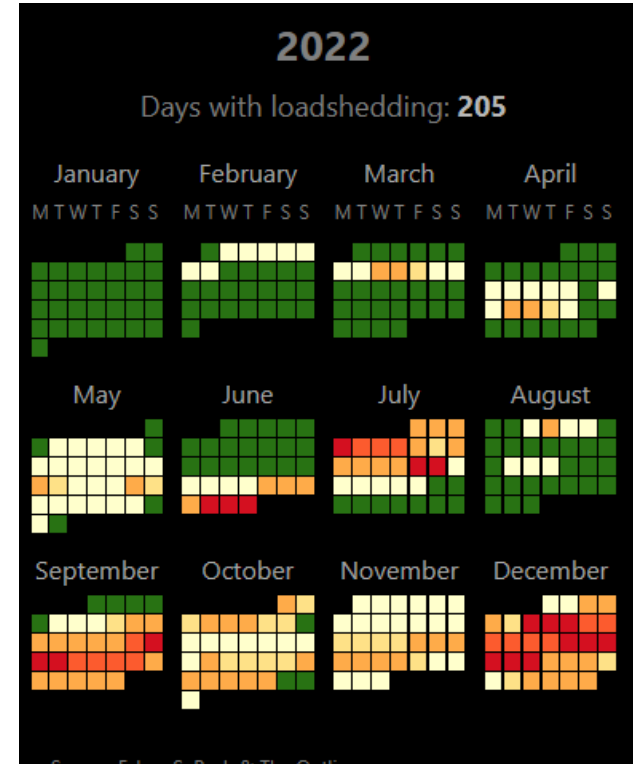
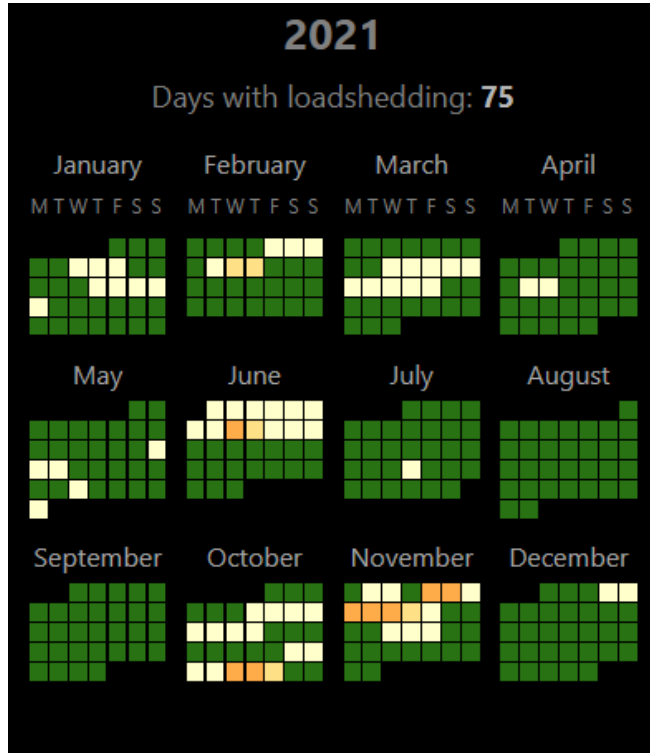
SA private renewable energy projects (outside of REIPPP)

MW (January to September 2023)

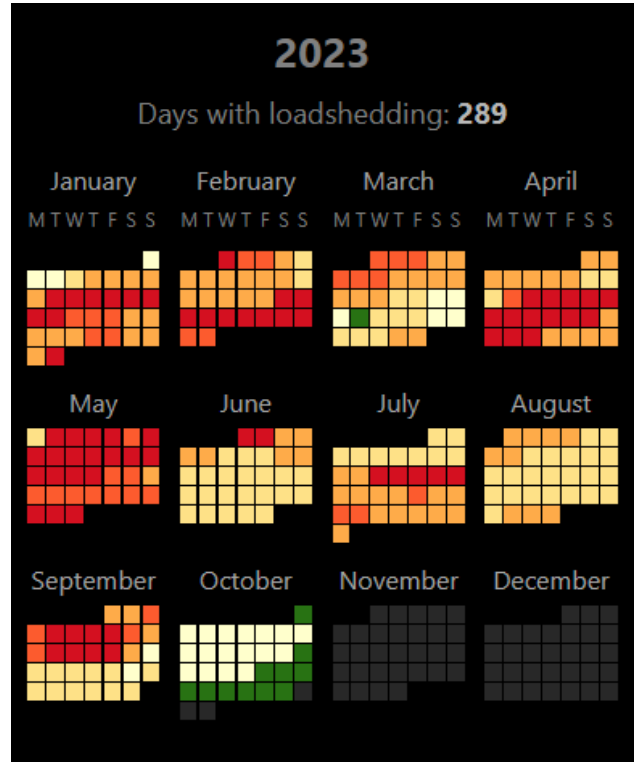


Source: NERSA

South Africa number of days of loadshedding



South Africa number of days of loadshedding

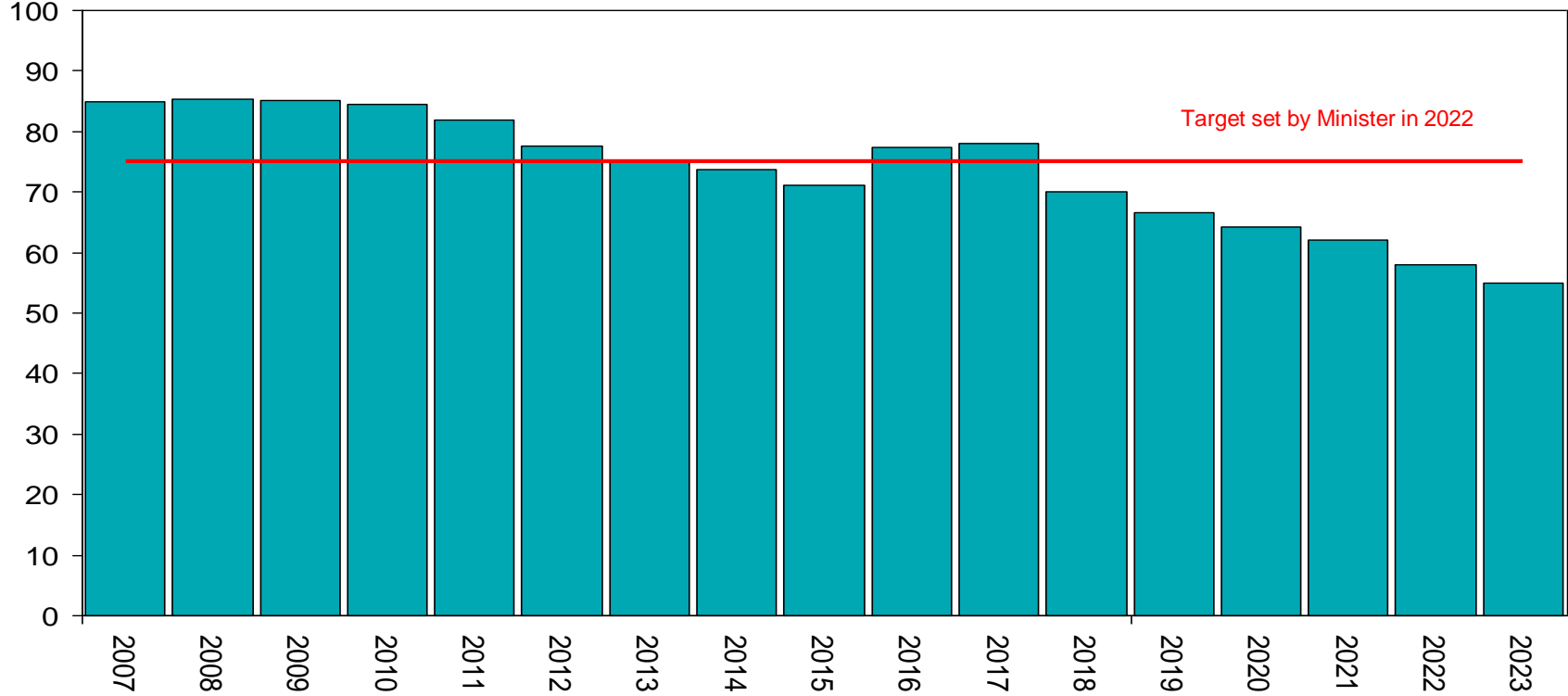


STAGE: 0 1 2 3 4 5 6

THE STAGE SHOWN IS THE HIGHEST STAGE FOR THAT DAY.

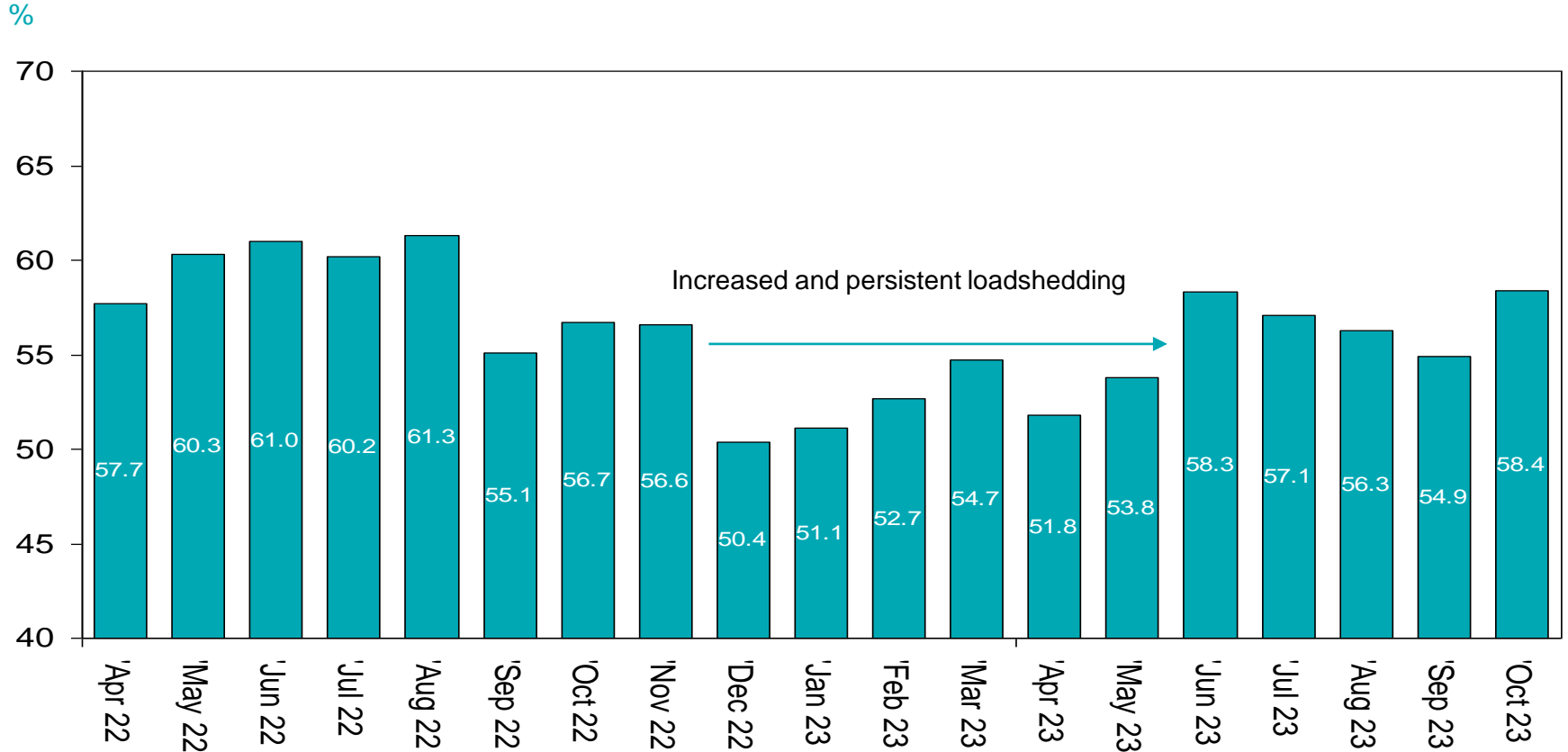
Eskom Energy Availability Factor (EAF)

Percent

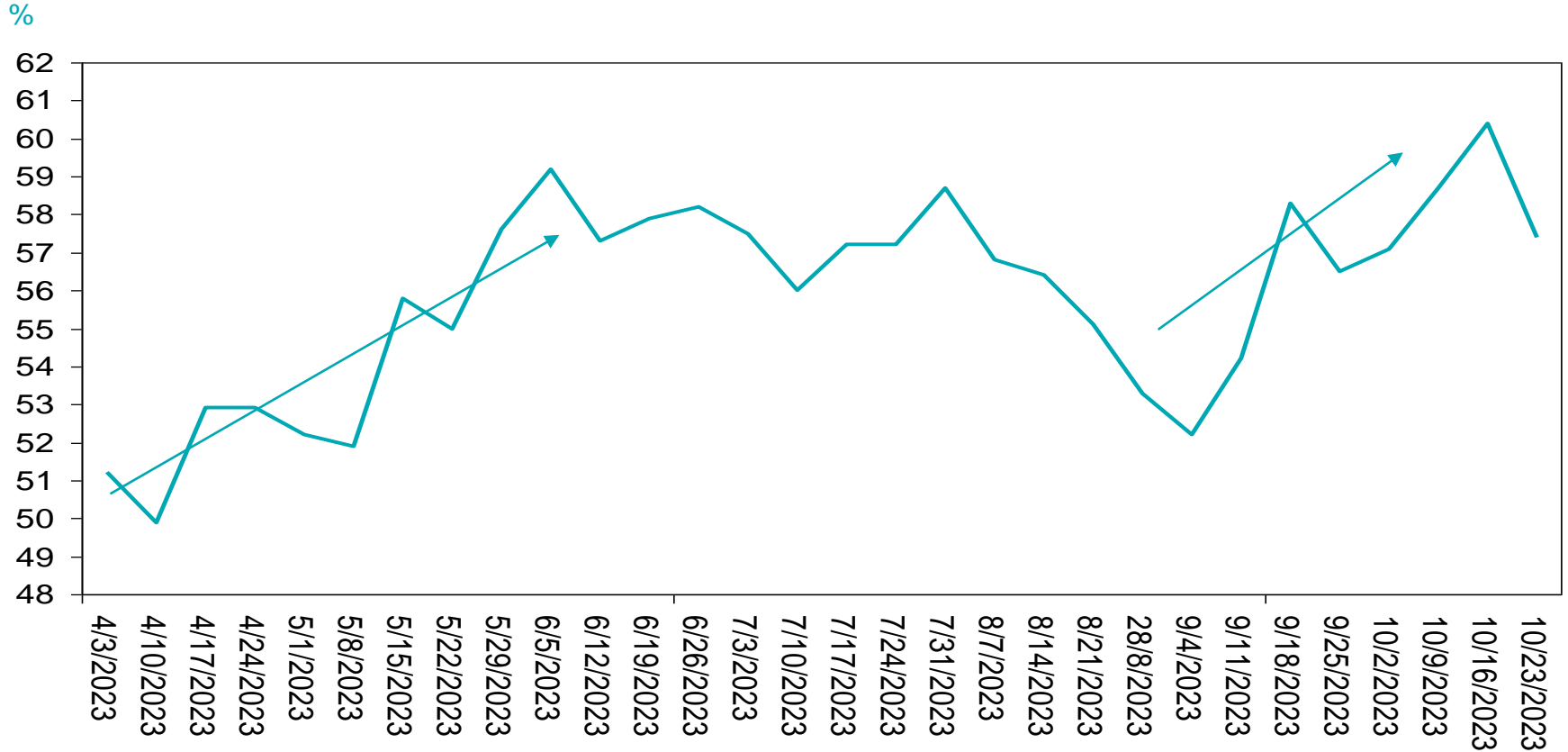


Source: Eskom

ESKOM Energy Availability Factor (EAF) - monthly



ESKOM Energy Availability Factor (EAF) - weekly



Global climate data: 23 to 29 October 2023

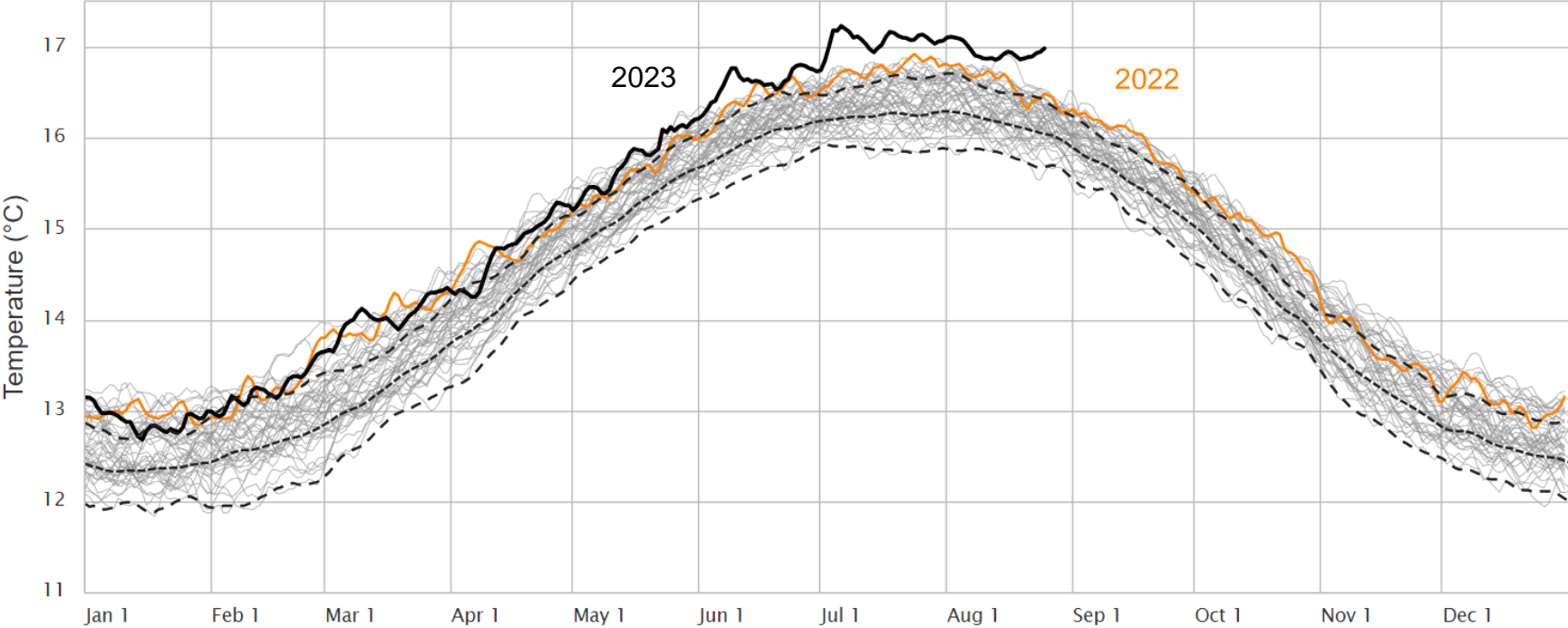
- World air temperature
- Northern Hemisphere air temperature
- Southern Hemisphere air temperature
- Arctic air temperature
- Antarctic air temperature
- Tropics air temperature (23.5°S to 23.5°N)
- Daily sea surface temperature



STANLIB

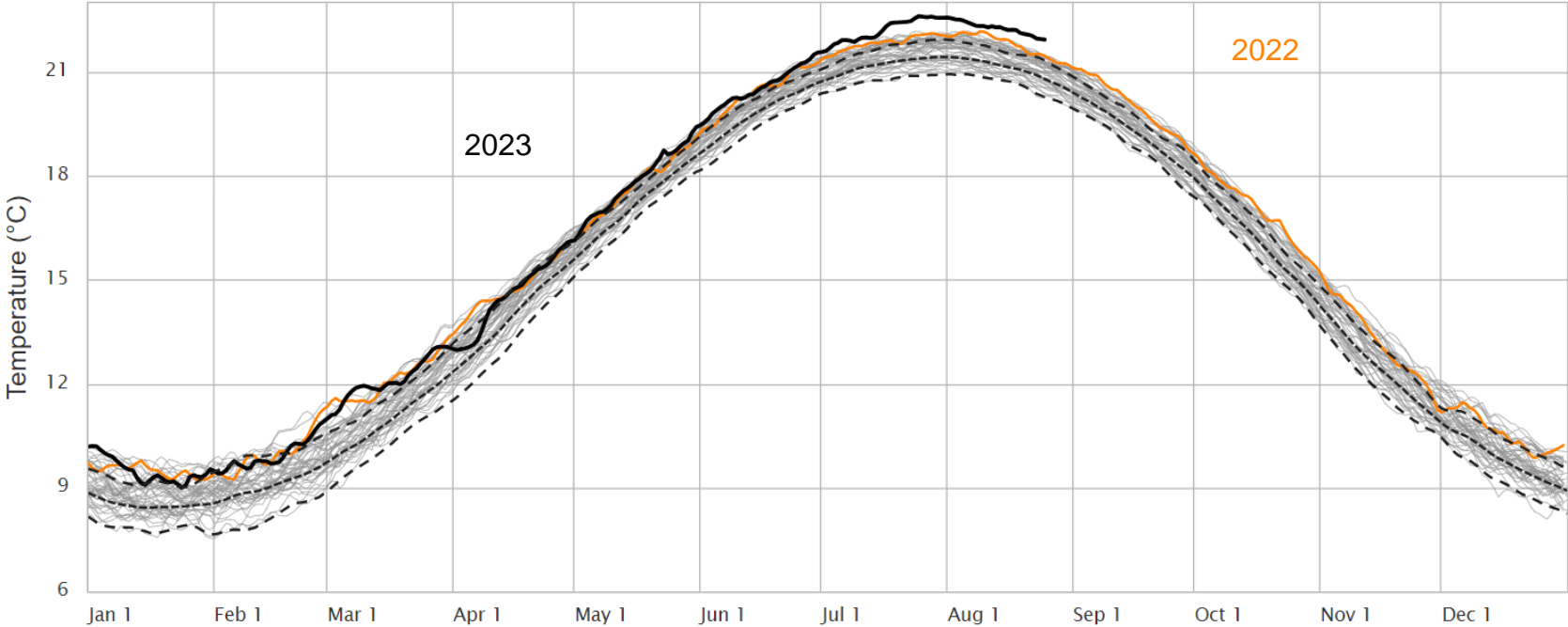
World air temperature (at a height of 2 meters)

Average, temperature, degrees Celsius



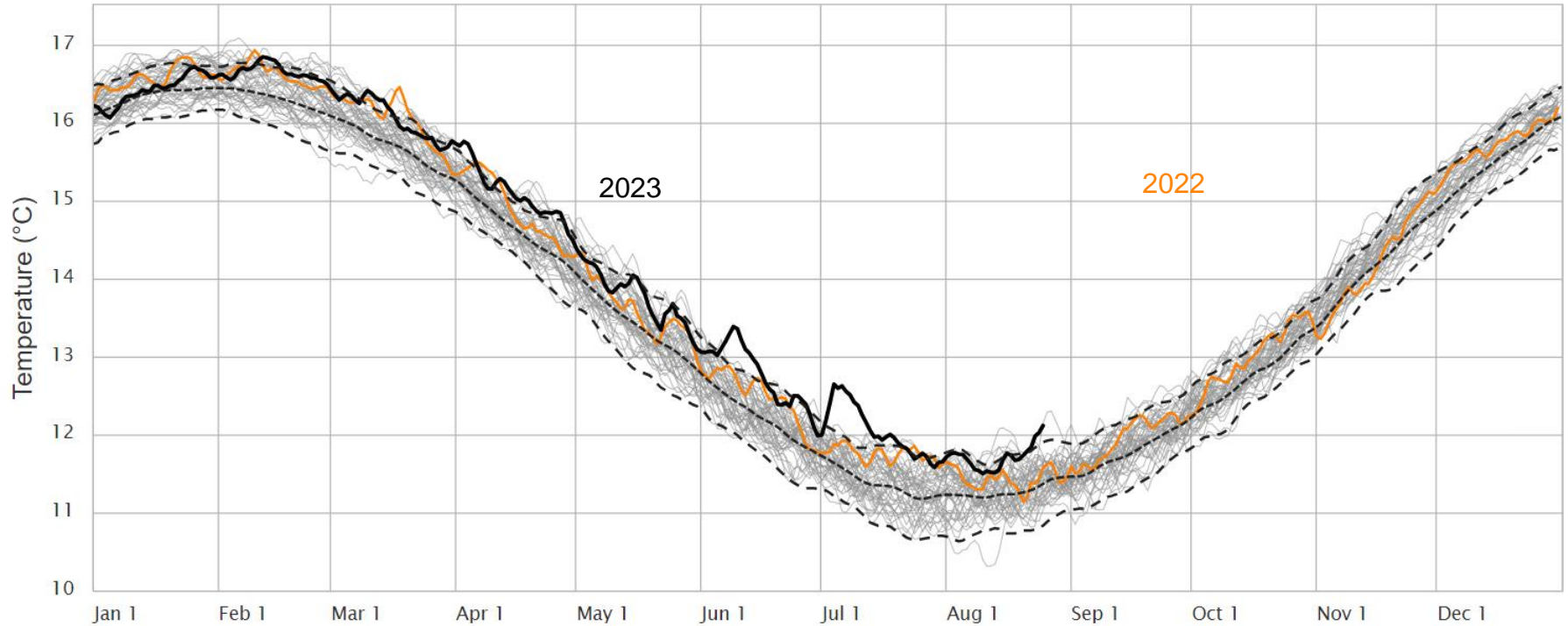
Northern Hemisphere air temperature (at a height of 2 meters)

Average, temperature, degrees Celsius



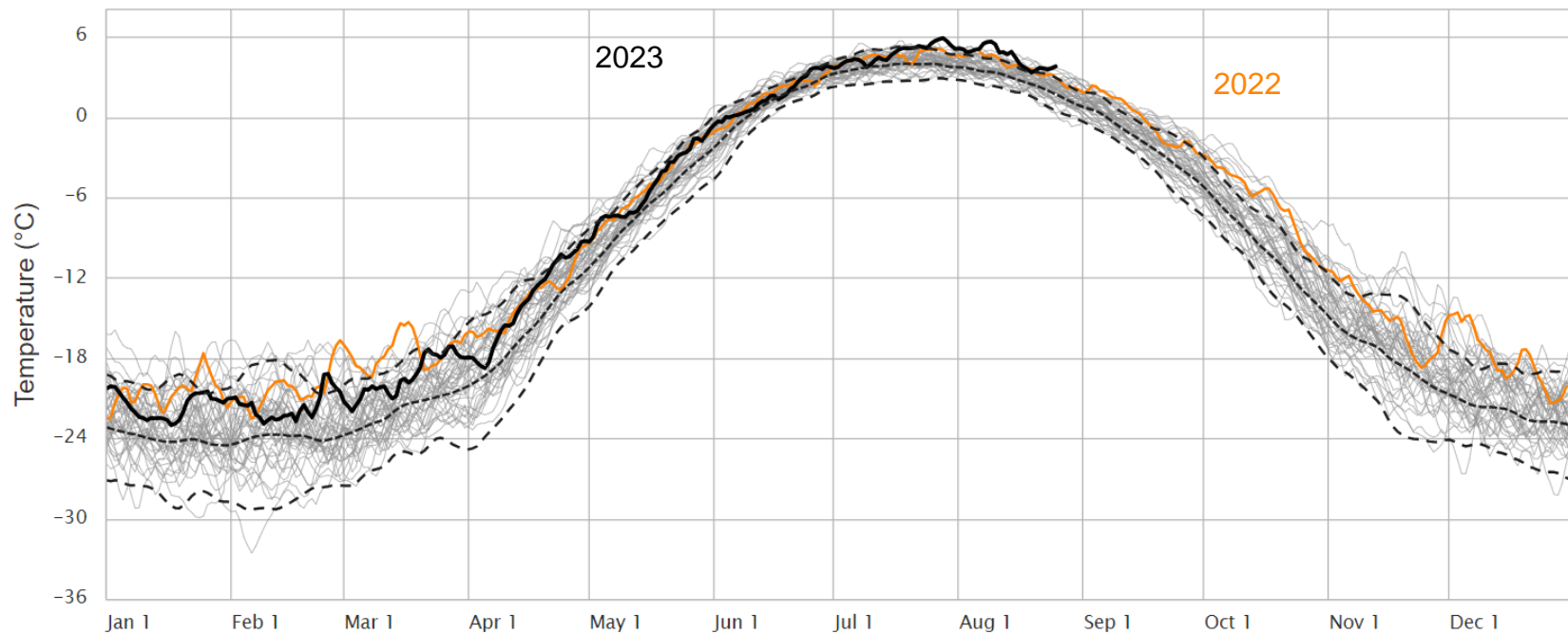
Southern Hemisphere air temperature (at a height of 2 meters)

Average, temperature, degrees Celsius



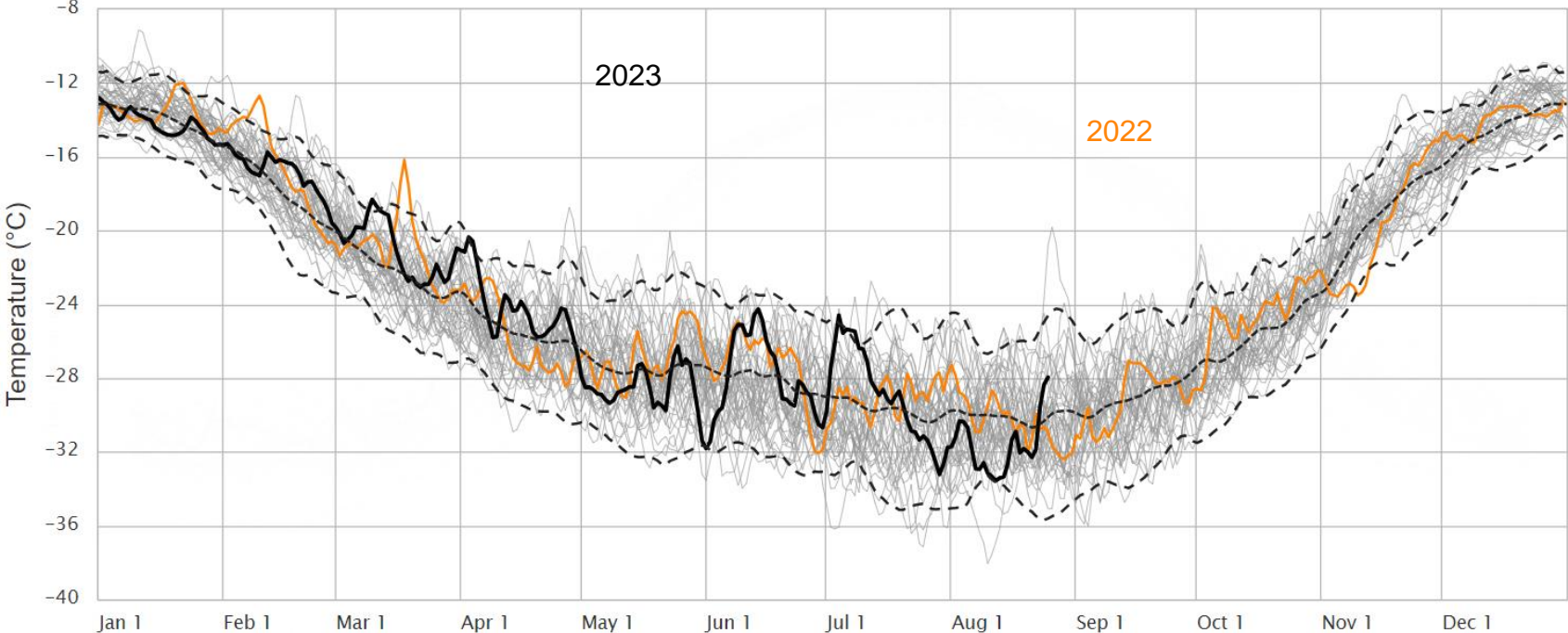
Arctic air temperature (at a height of 2 meters)

Average, temperature, degrees Celsius



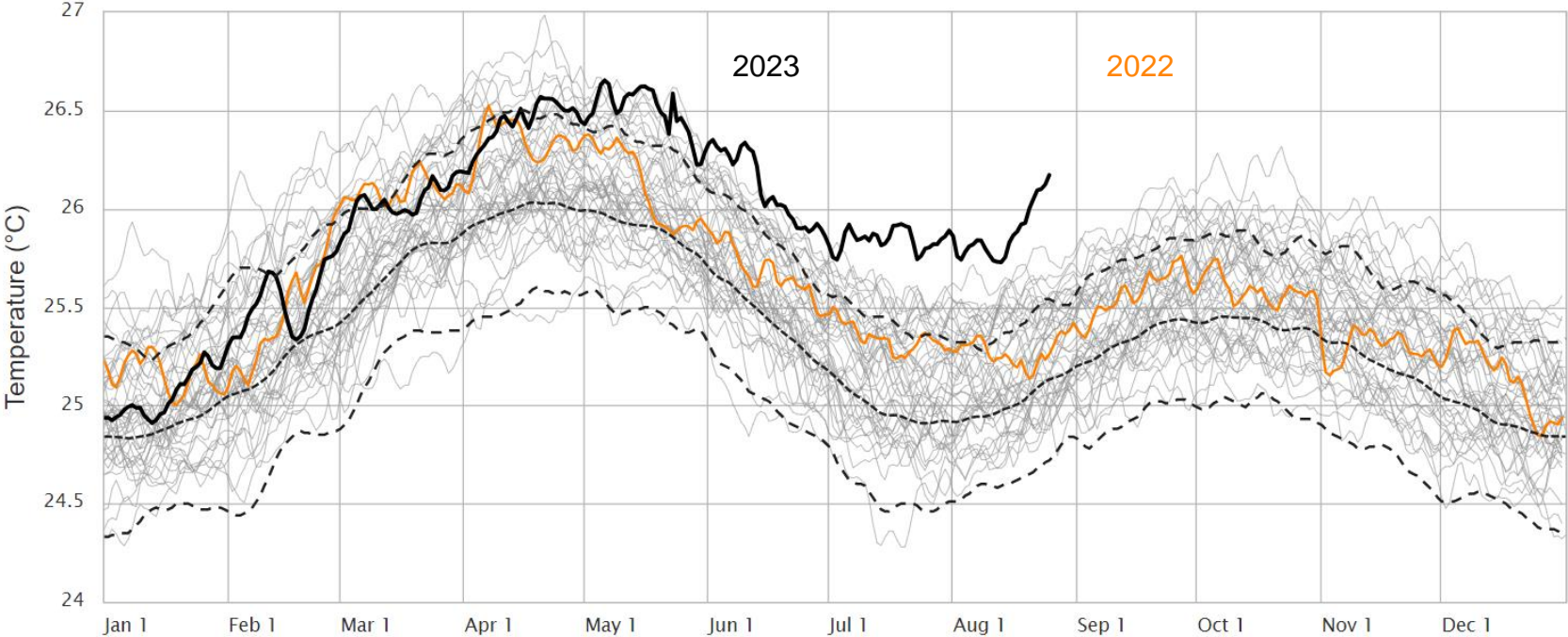
Antarctic air temperature (at a height of 2 meters)

Average, temperature, degrees Celsius



Tropics air temperature (at a height of 2 meters)

Average, temperature, degrees Celsius



Daily sea surface temperature (60°S to 60°N)

Average, temperature, degrees Celsius

