

MAIN ECONOMIC DEVELOPMENTS

Research and Monetary Policy Department

MAY 2024

ANKARA



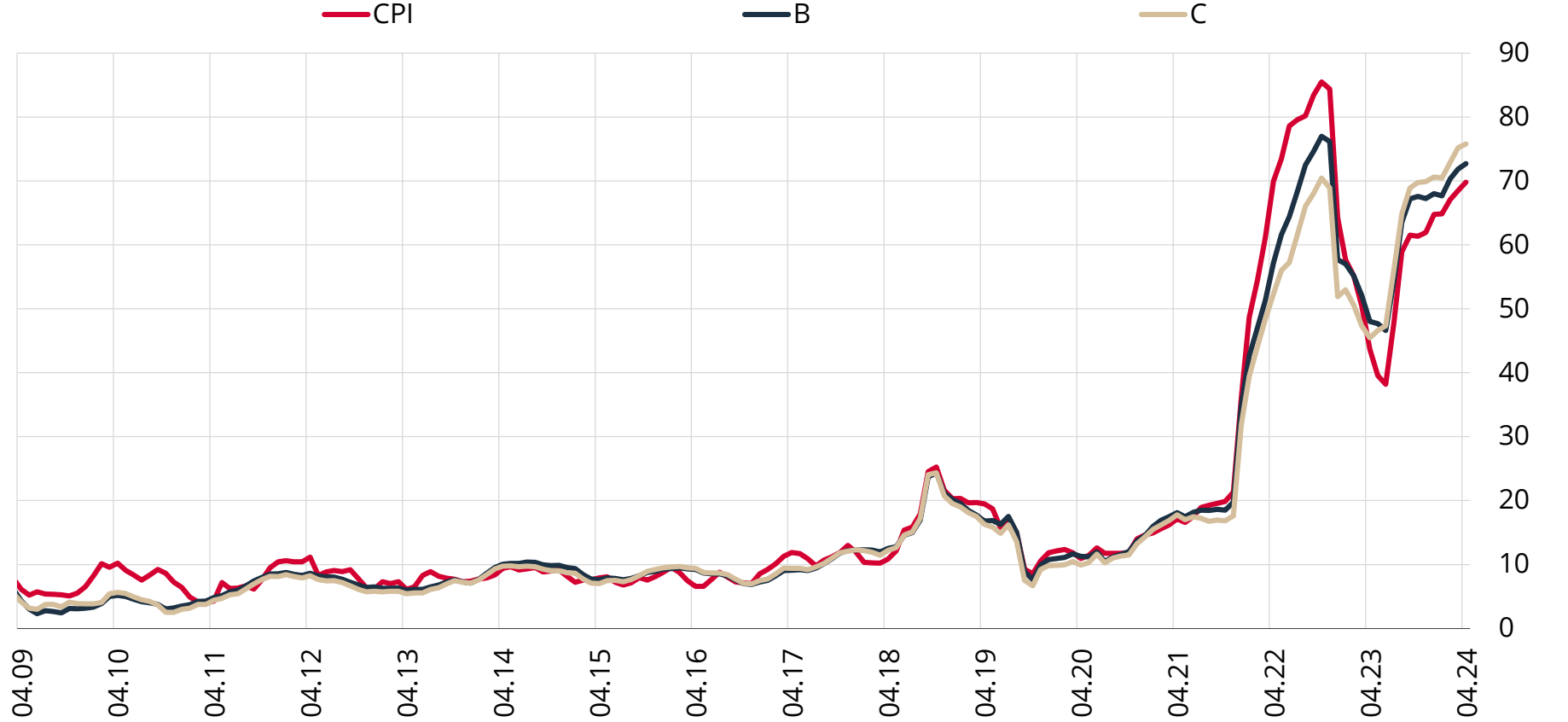
Contents

<u>Inflation Developments</u>	<u>p. 3-10</u>
<u>International Developments</u>	<u>p.11-27</u>
<u>Labor Market Developments</u>	<u>p.28-33</u>
<u>Balance of Payments Developments</u>	<u>p.34-47</u>
<u>Public Finance Developments</u>	<u>p.48-54</u>
<u>Financial Intermediation and Loans Developments</u>	<u>p.55-70</u>
<u>Financial Markets Developments</u>	<u>p.71-80</u>
<u>Economic Activity Developments</u>	<u>p.81-97</u>

INFLATION DEVELOPMENTS

CPI and Special CPI Indicators

(Annual % Change)

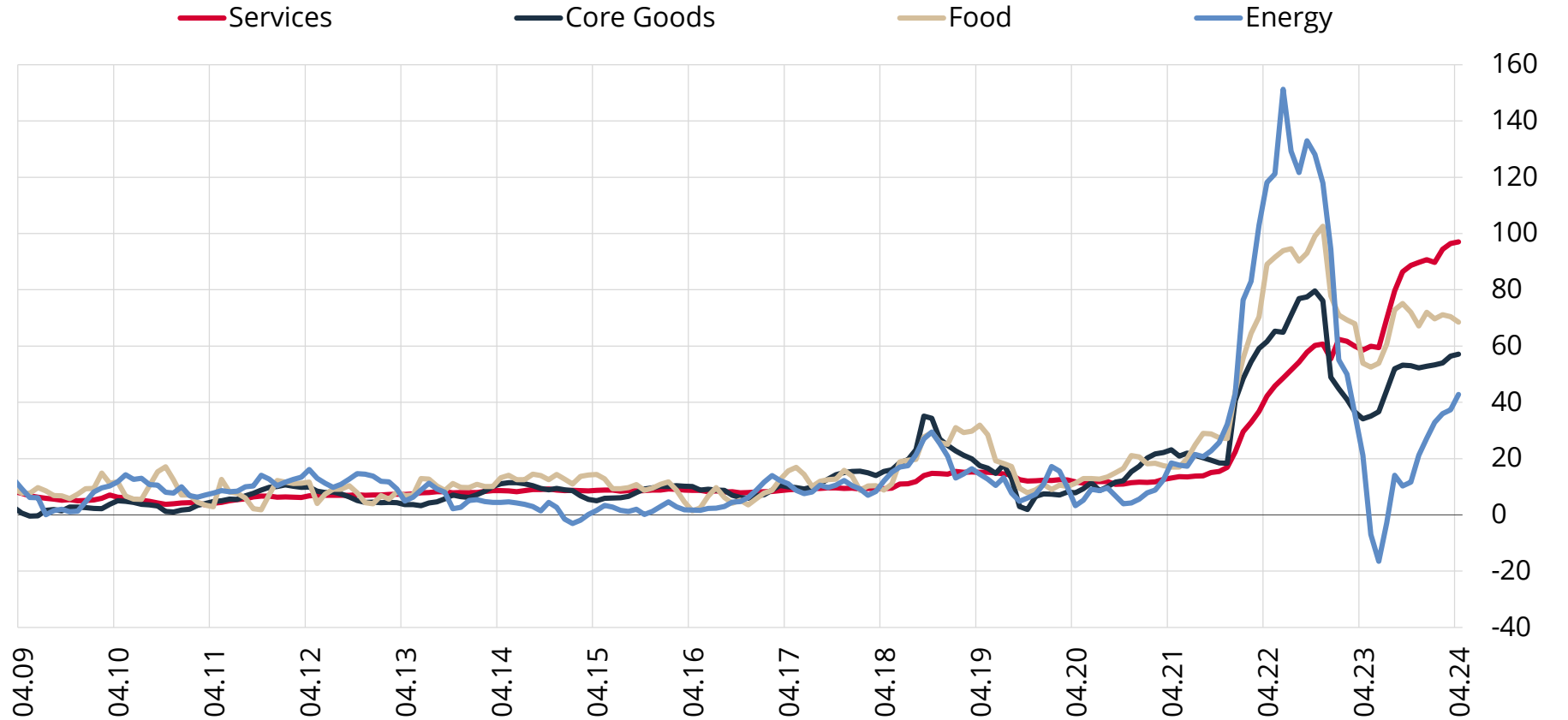


Source: TURKSTAT

Last Observation: April 2024

CPI and Subgroups

(Annual % Change)



Source: TURKSTAT

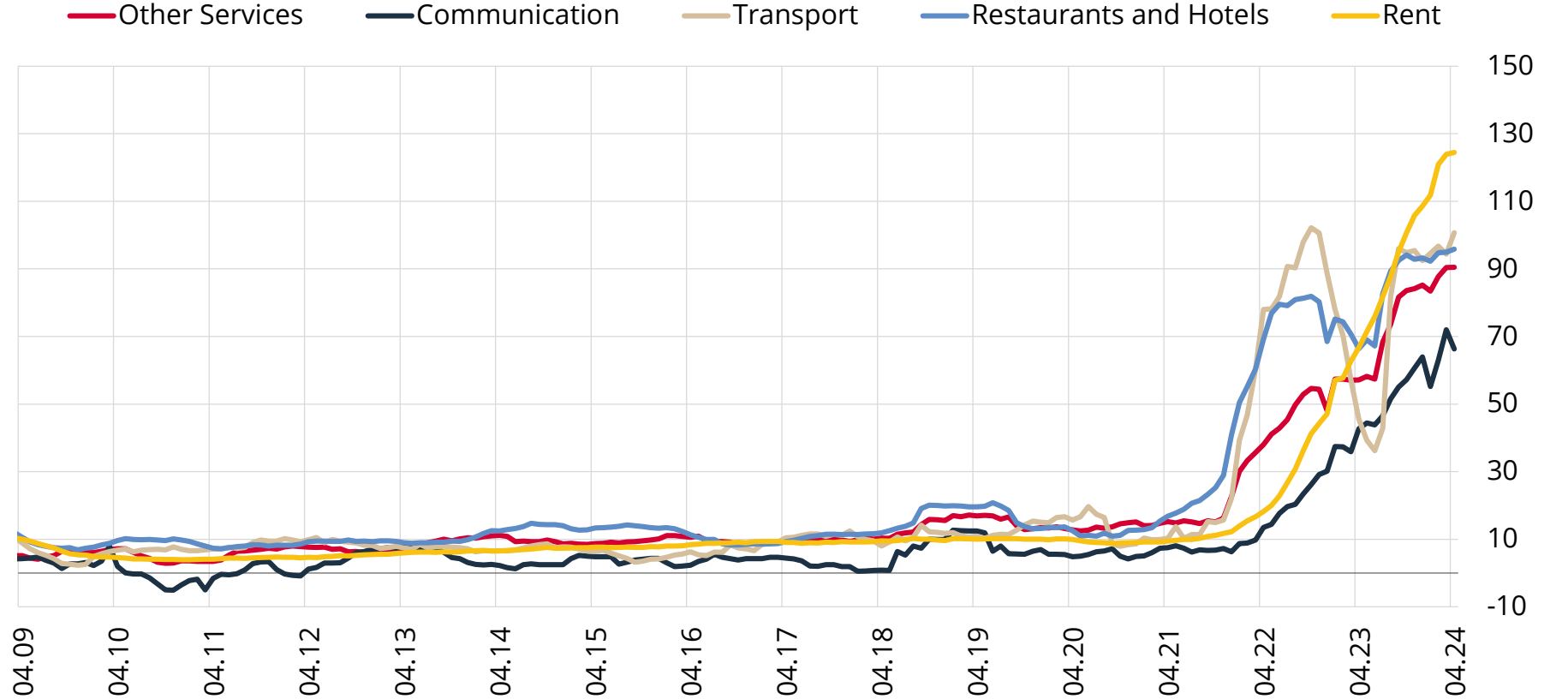
Last Observation: April 2024

Food: Food and alcoholic beverages.

Core goods: Goods excluding food, energy, alcoholic beverages, tobacco and gold.

Services Inflation

(Annual % Change)

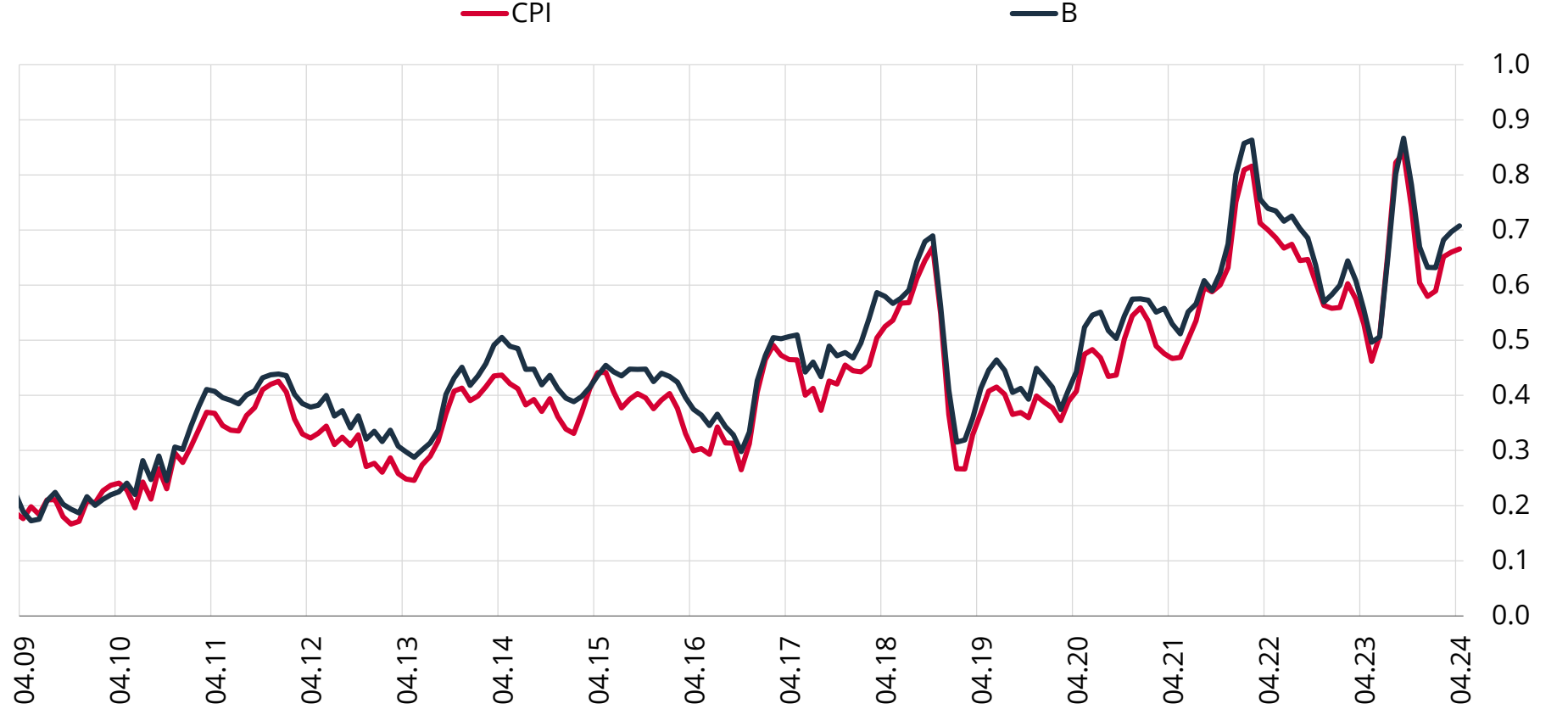


Source: TURKSTAT

Last Observation: April 2024

Inflation Trend

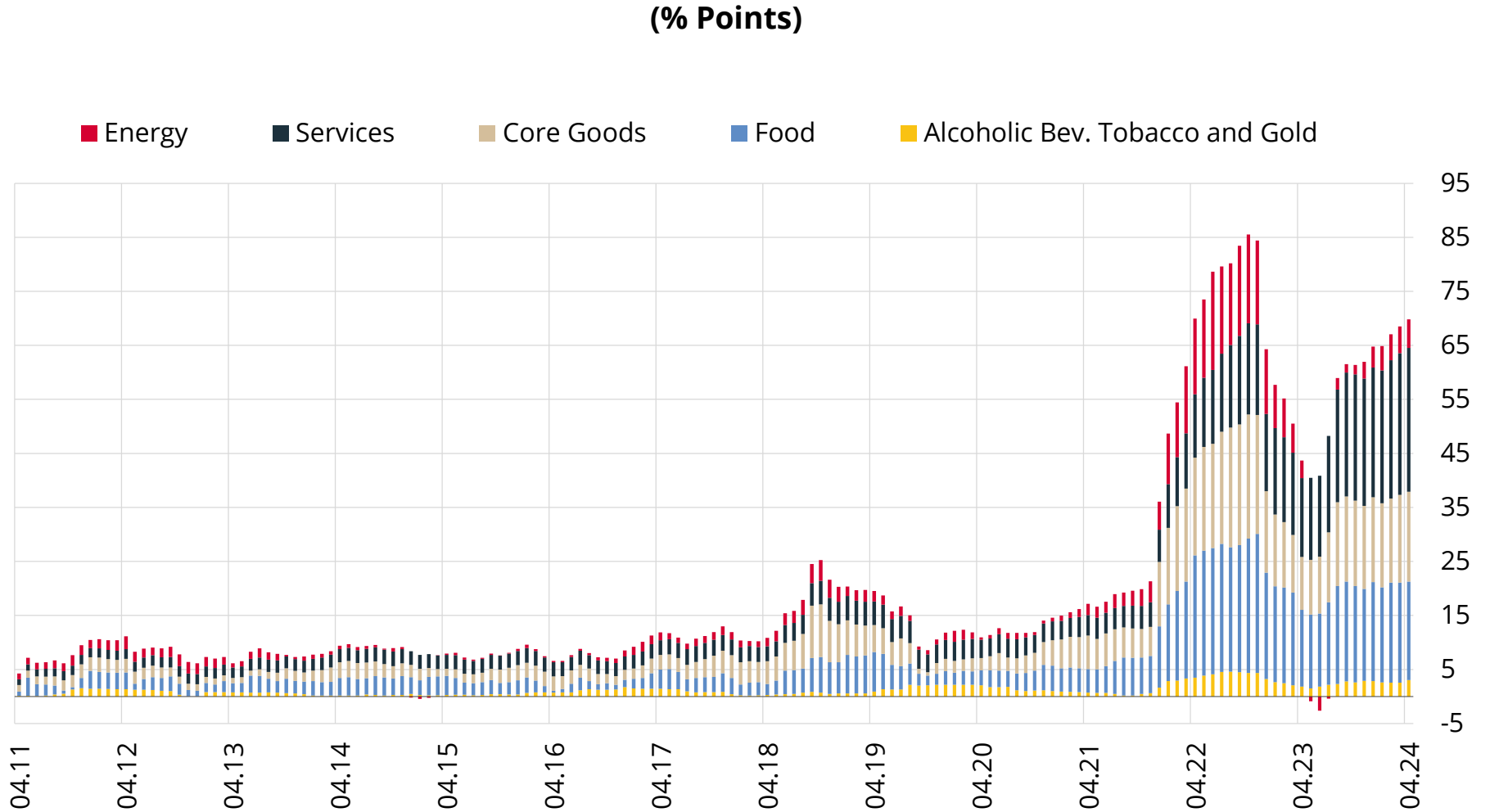
Diffusion Index (Seasonally Adjusted, 3-Month Average)



Source: CBRT, TURKSTAT

Last Observation: April 2024

Contribution to Annual Inflation



Source: CBRT, TURKSTAT

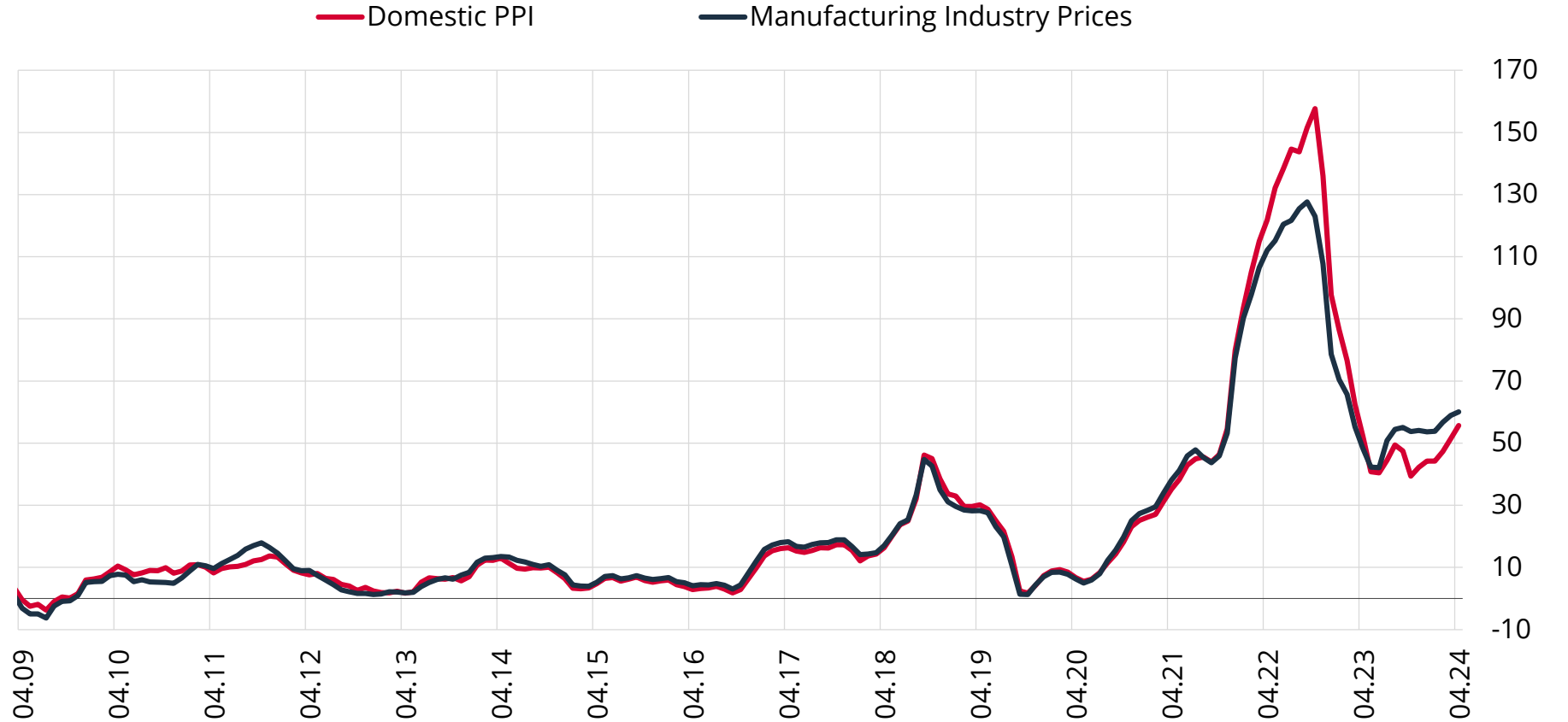
Last Observation: April 2024

Food: Food and alcoholic beverages.

Core goods: Goods excluding food, energy, alcoholic beverages , tobacco and gold.

Domestic PPI

(Annual % Change)

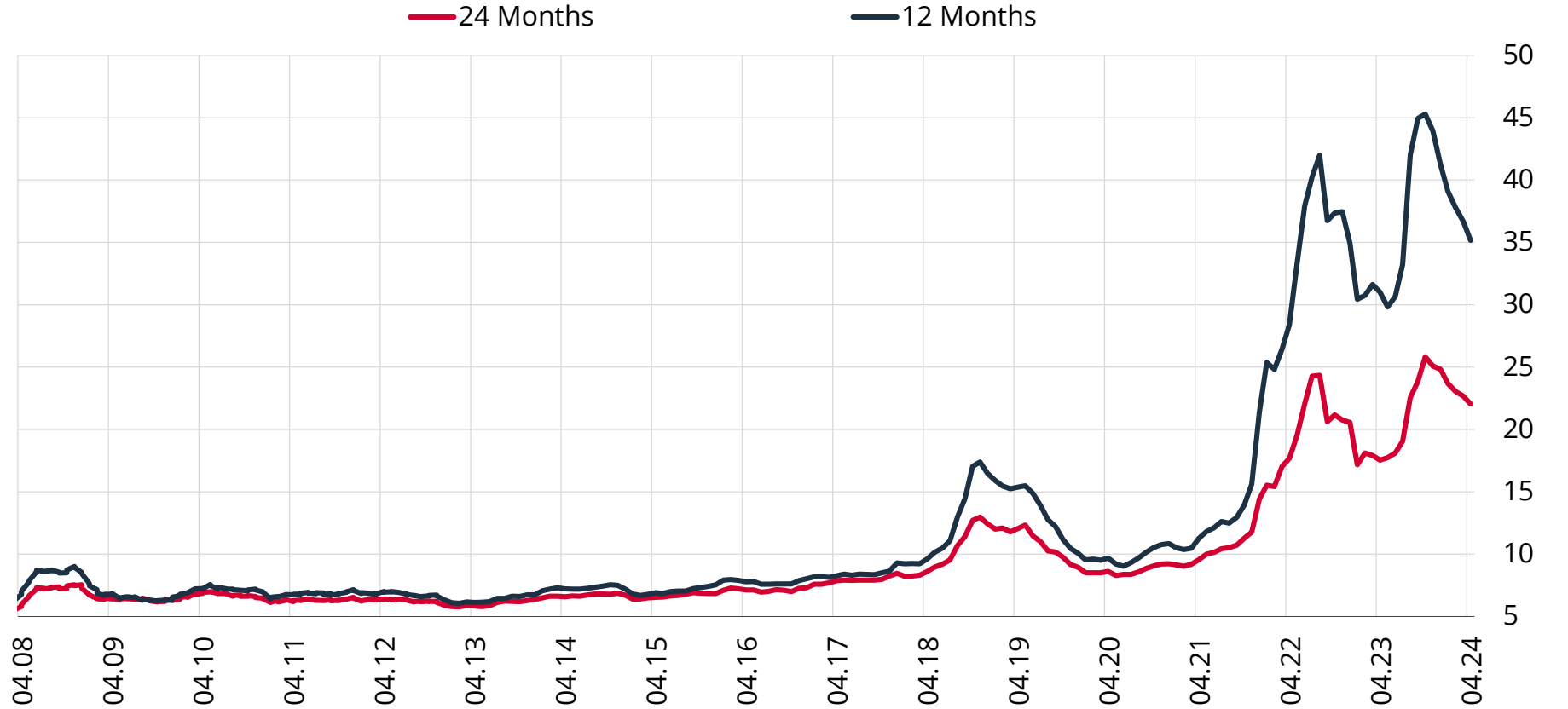


Source: TURKSTAT

Last Observation: April 2024

Inflation Expectations

(Annual % Change)



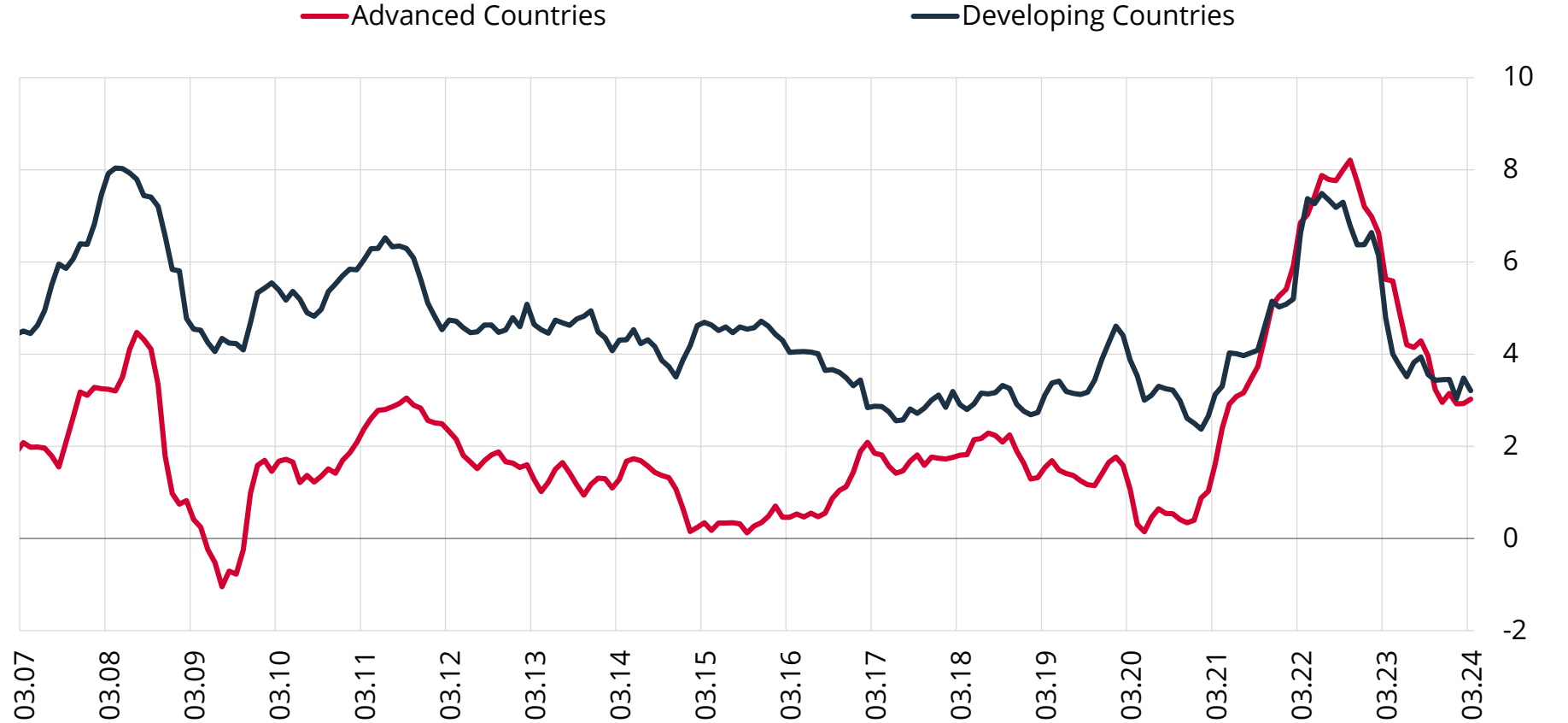
Source: CBRT

Last Observation: April 2024

INTERNATIONAL DEVELOPMENTS

Global Inflation

(Annual % Change)

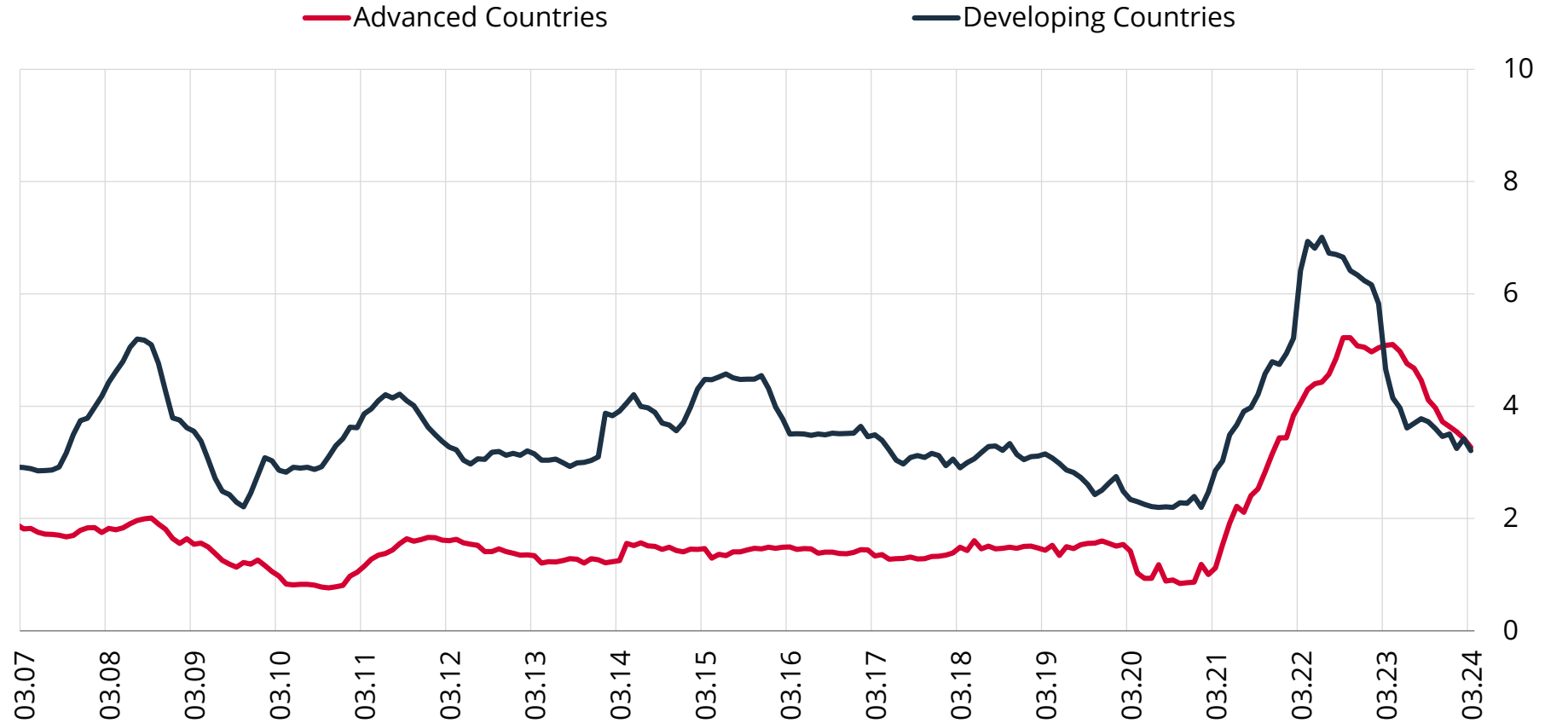


Source: Bloomberg, CBRT

Last Observation: March 2024

Core Inflation

(Annual % Change)



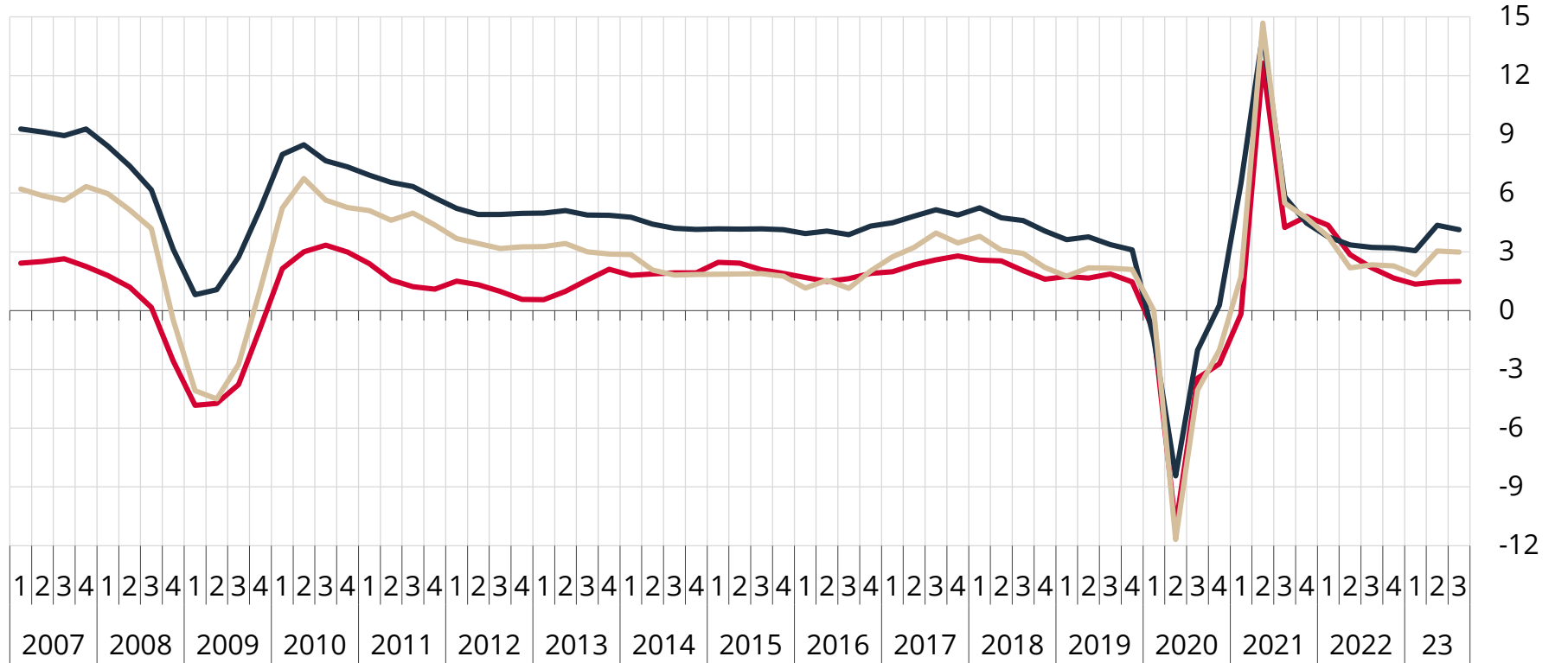
Source: Bloomberg, Datastream, CBRT

Last Observation: March 2024

Global Growth

(Annual % Change)

— Advanced Countries — Developing Countries — Developing Countries excluding China and India

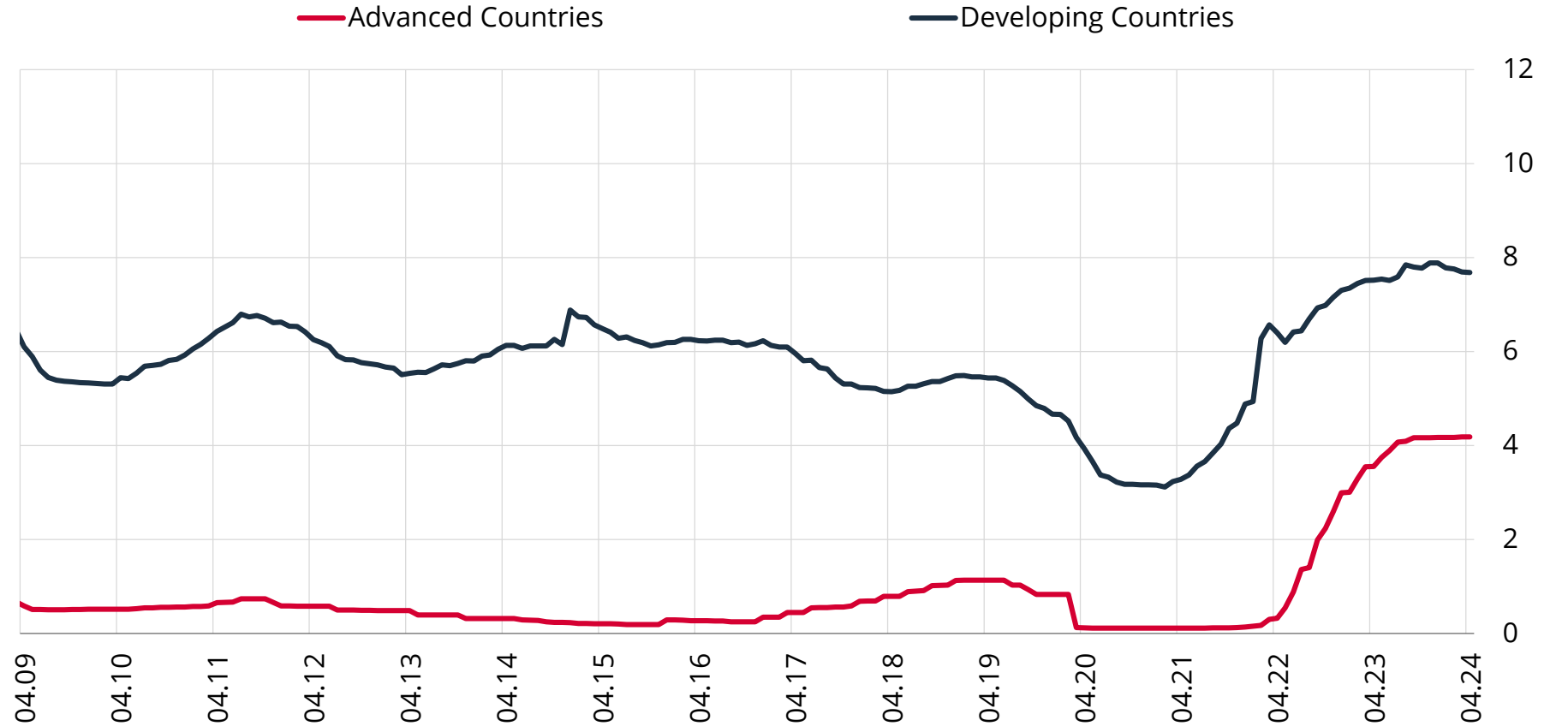


Source: Bloomberg, CBRT

Last Observation: 2023Q3

Global Policy Rates

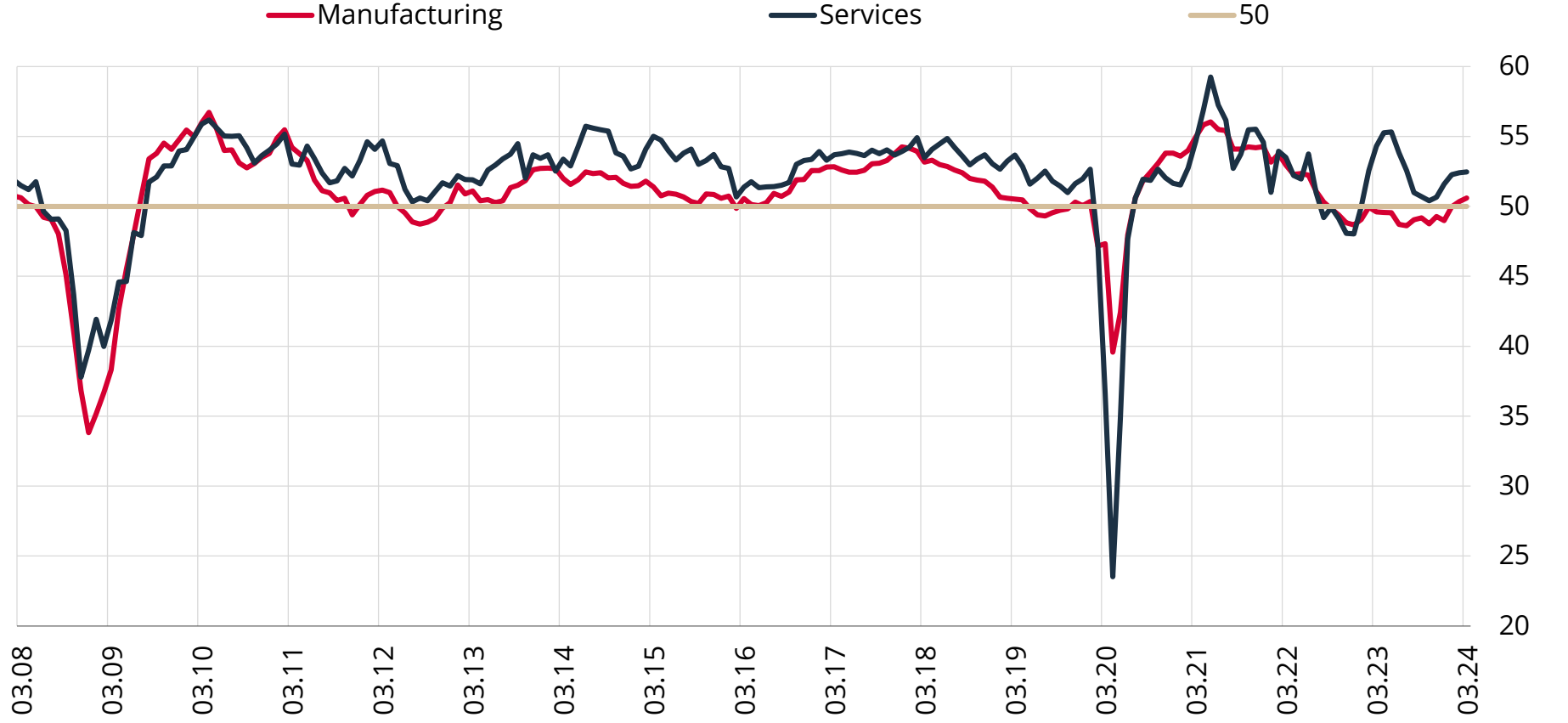
(%)



Source: Bloomberg, CBRT

Last Observation: April 2024

Markit Global PMI Indices



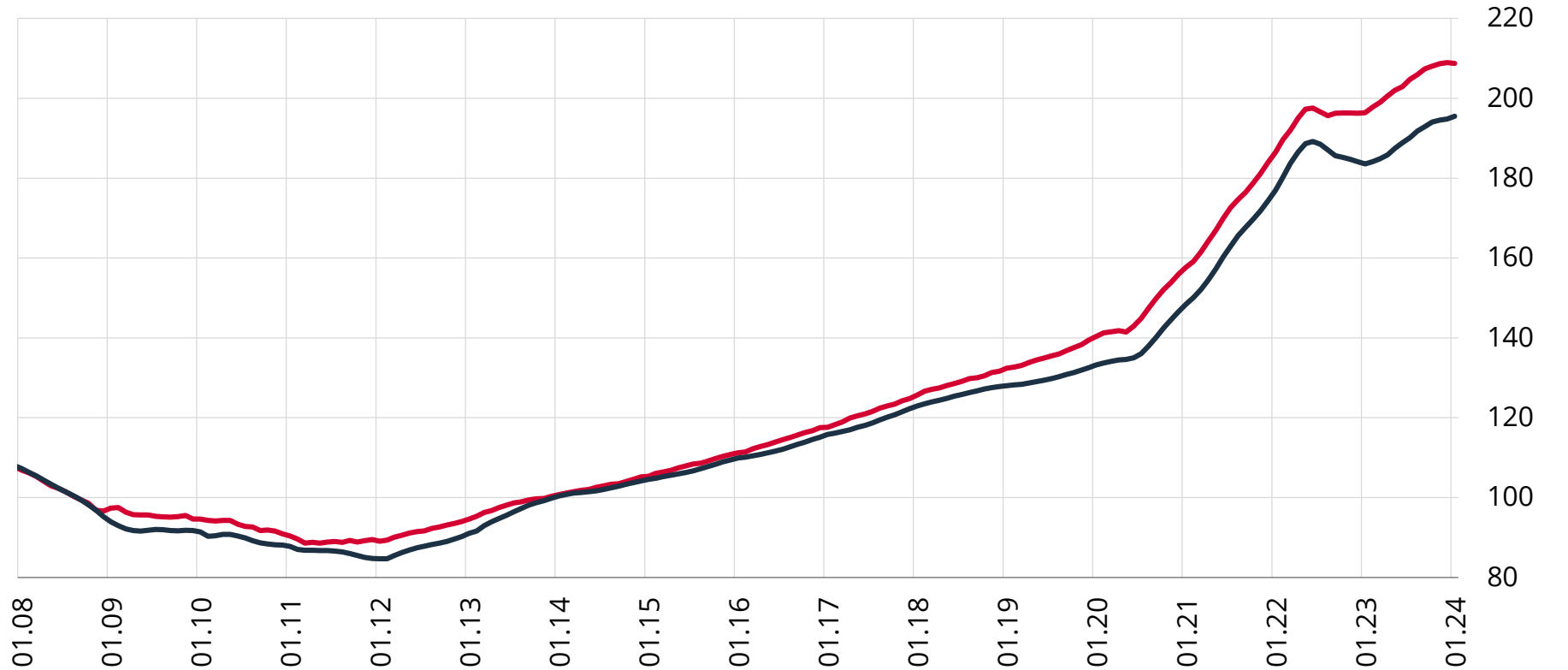
Source: IHS Markit

Last Observation: March 2024

US House Prices (January 2005 = 100)

(Seasonally Adjusted)

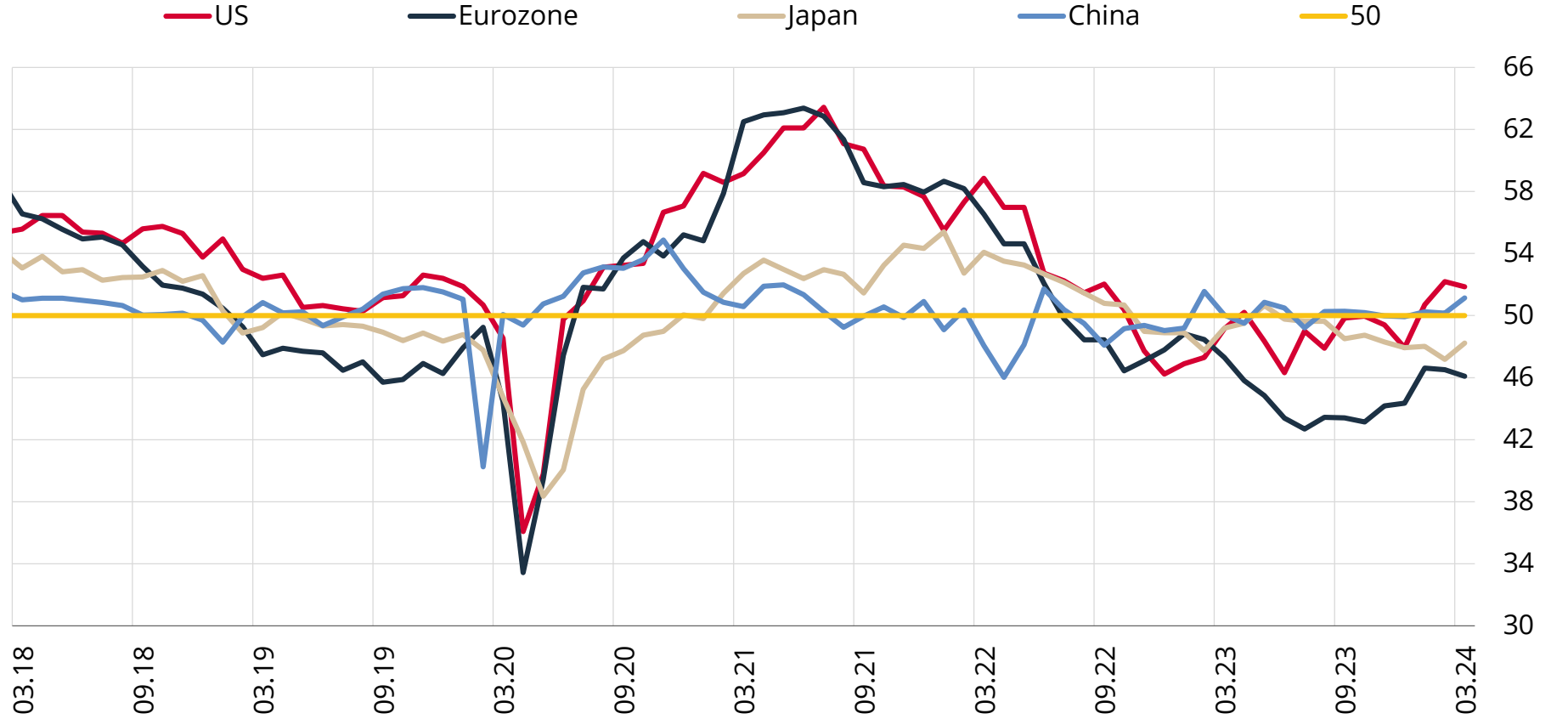
— Federal Housing Finance Agency Home Price Index — S&P Case Shiller Home Price Index (USA nationwide)



Source: Bloomberg

Last Observation: January 2024

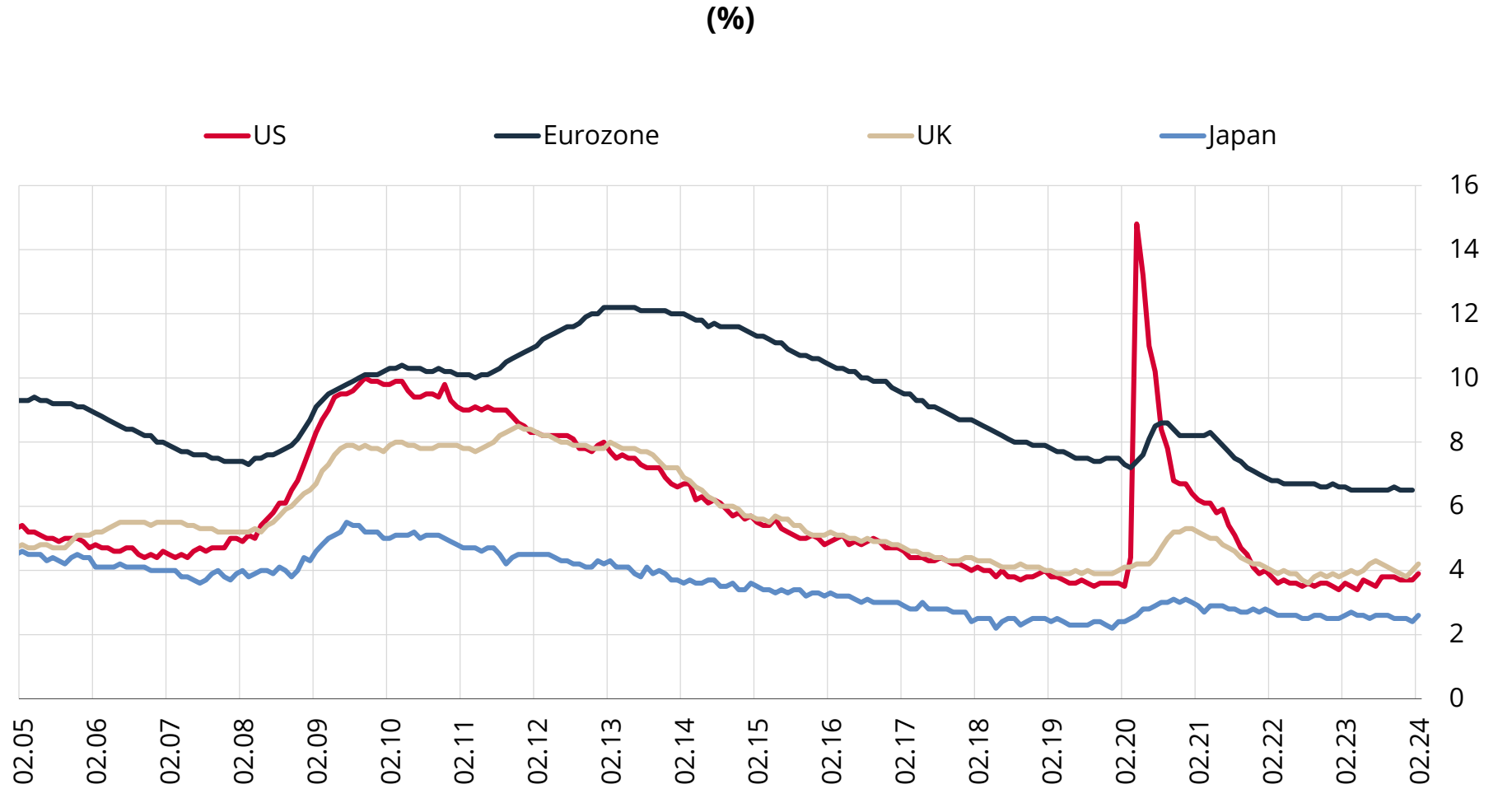
PMI (Manufacturing)



Source: IHS Markit

Last Observation: March 2024

Unemployment Rates

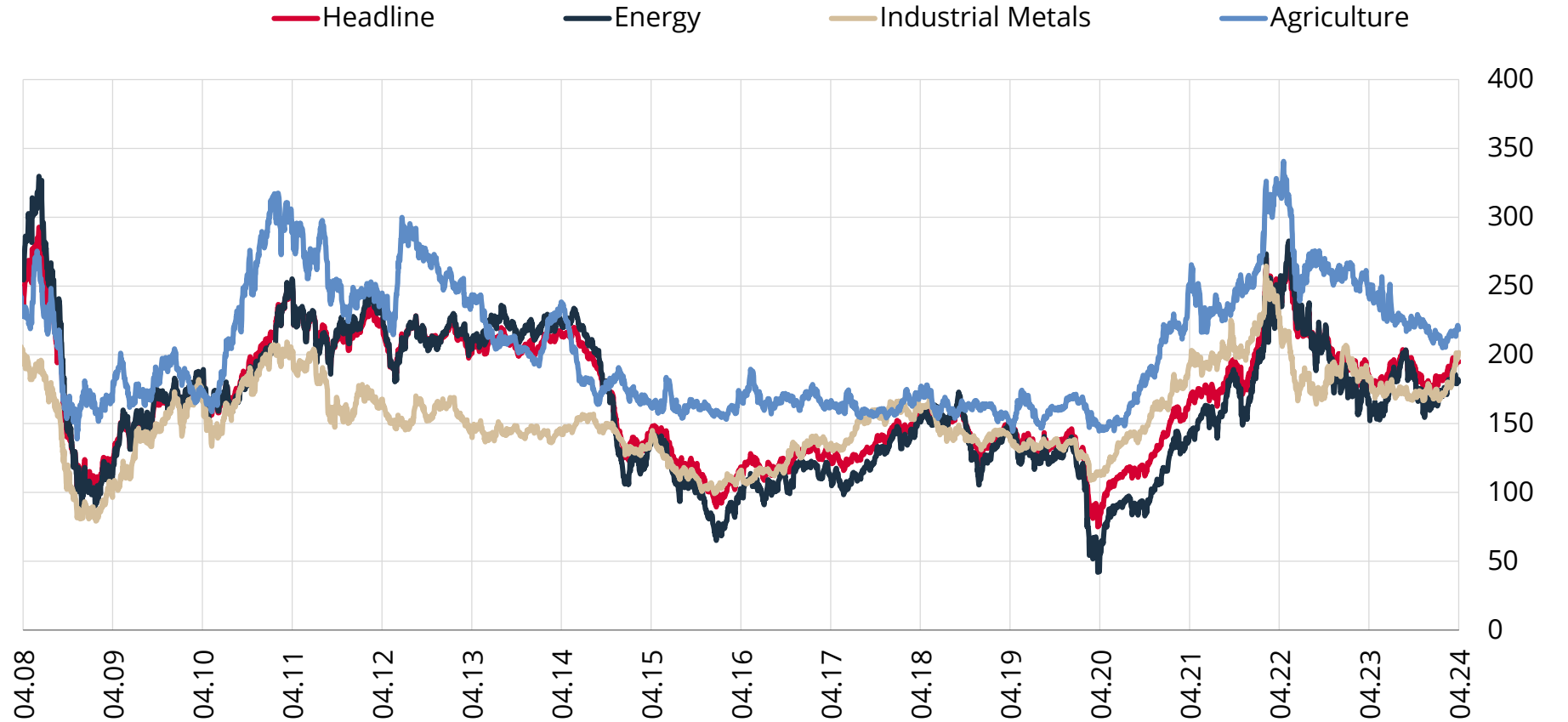


Source: Bloomberg

Last Observation: February 2024

Commodity Prices S&P-GS Indices

(January 2005 = 100)

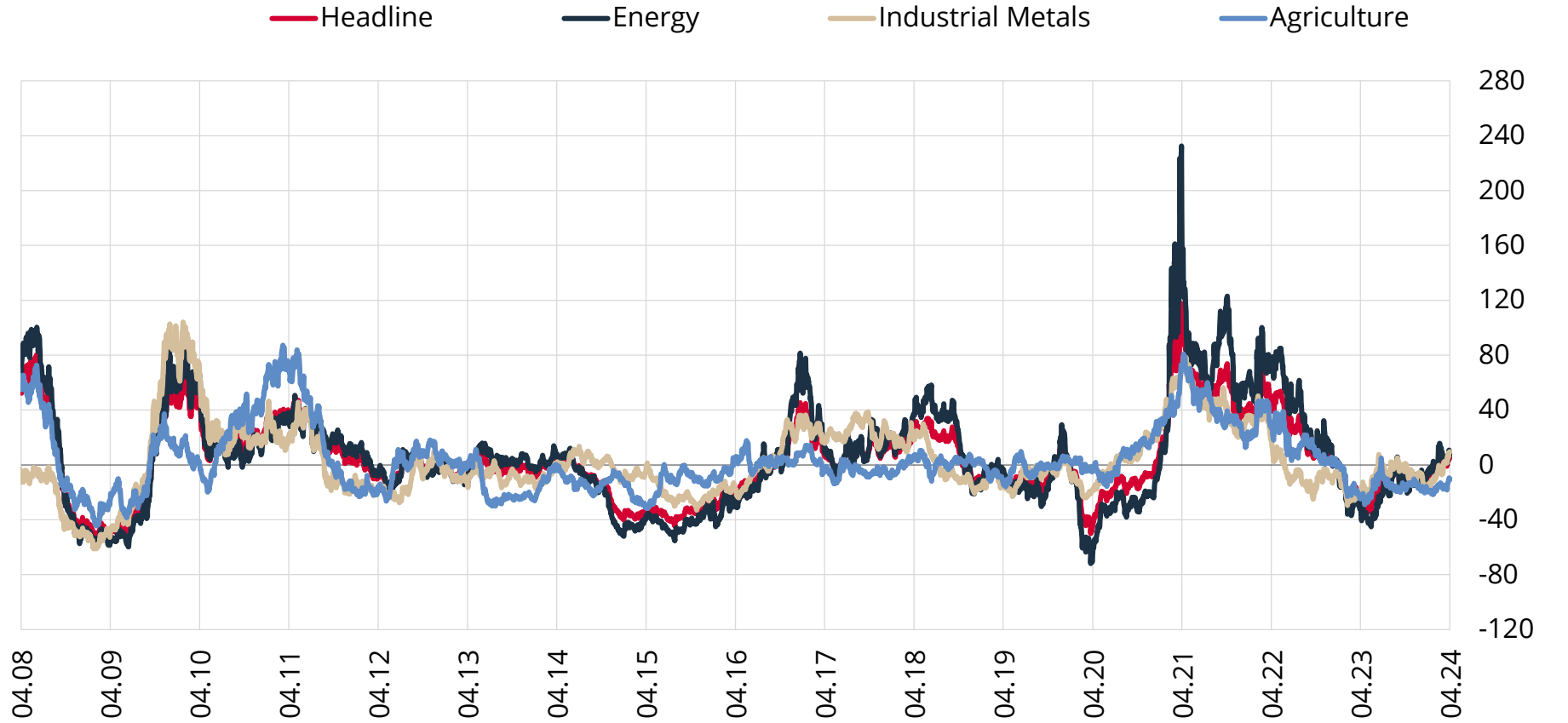


Source : Bloomberg

Last Observation: April 30, 2024

Commodity Prices S&P-GS Indices

(Annual % Change)

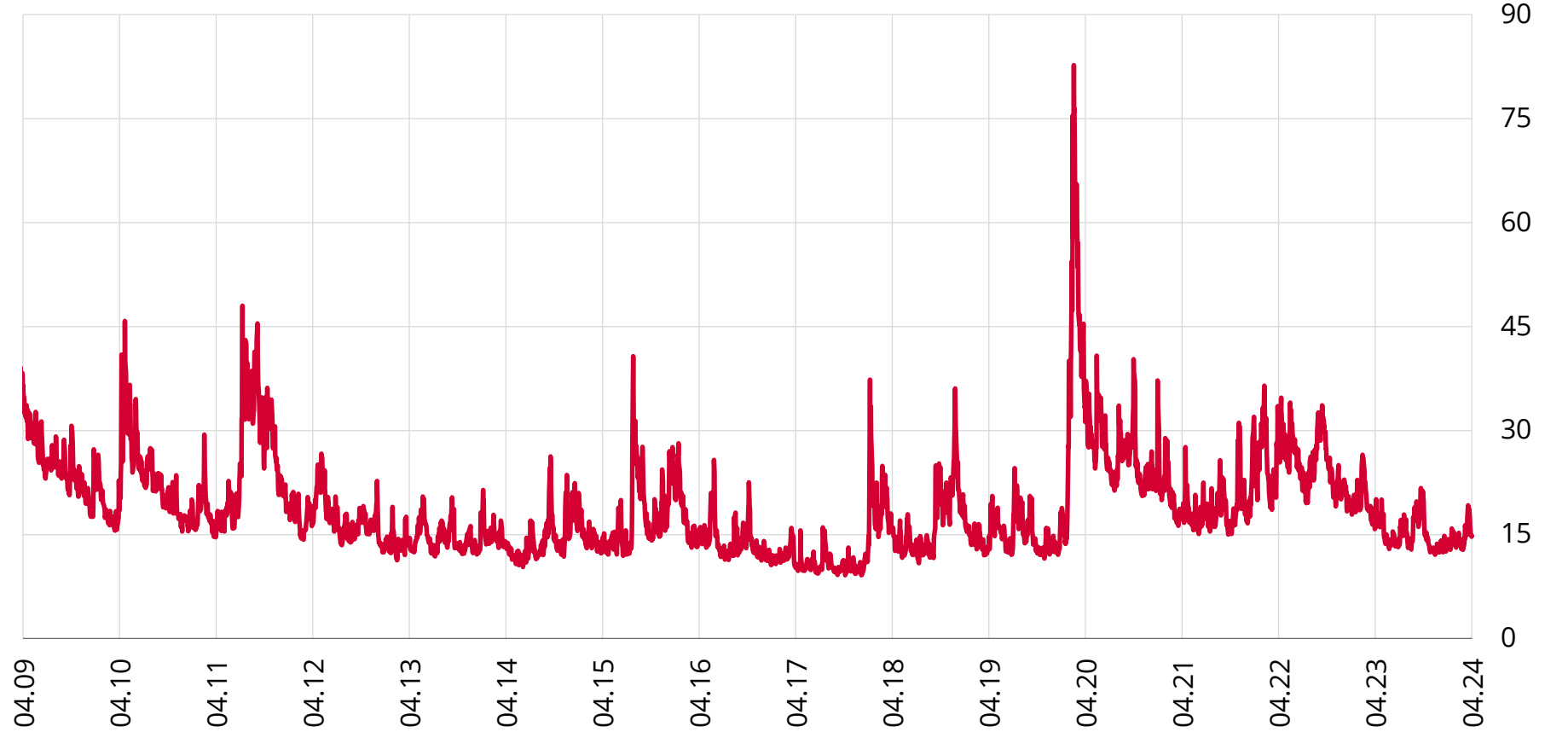


Source : Bloomberg

Last Observation: April 30, 2024

Risk Appetite (VIX)

(%)



Source: Bloomberg

Last Observation: April 30, 2024

Spread (OIS Spread)

(%)

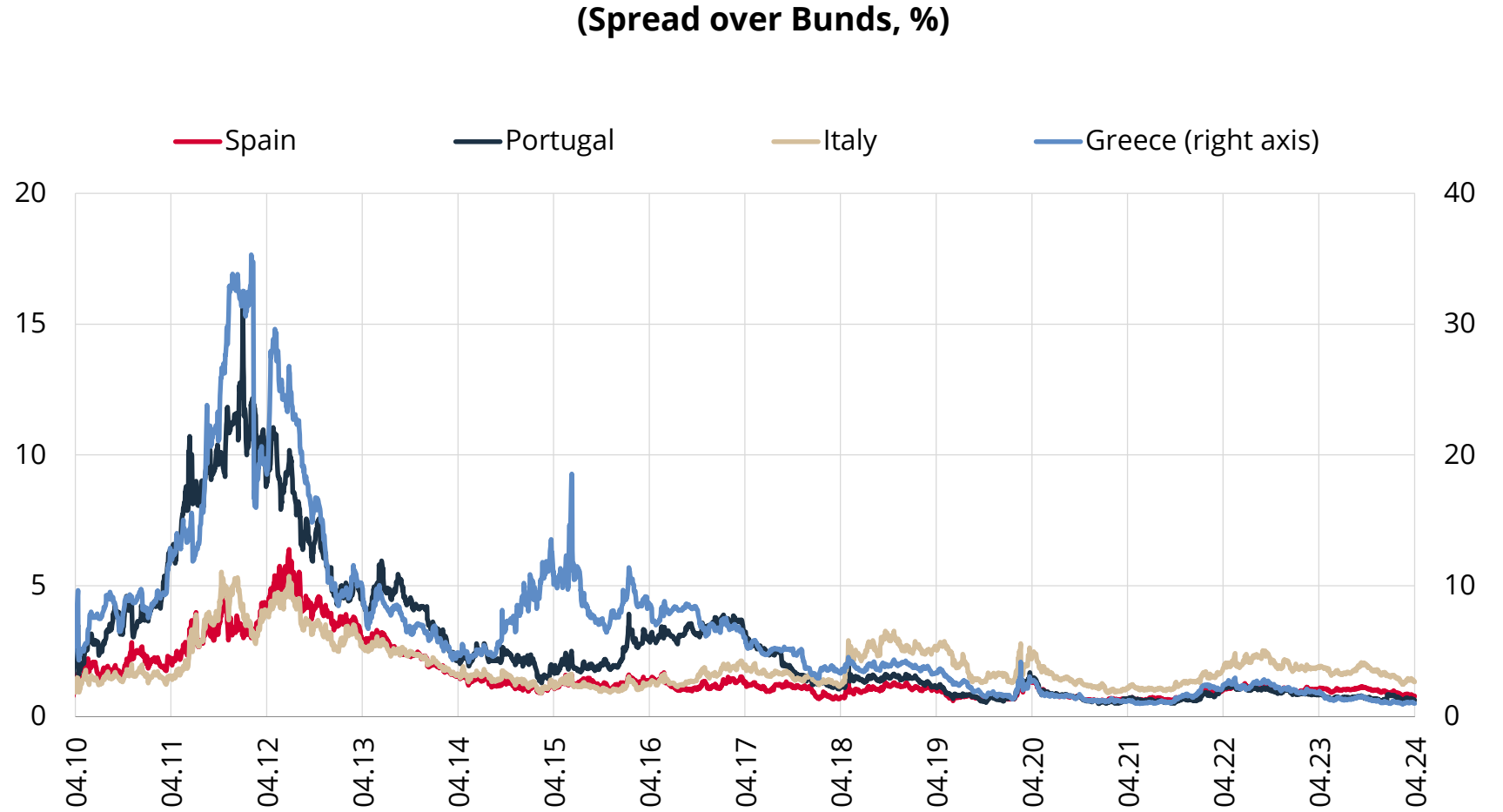
— US Dollar



Source: Bloomberg

Last Observation: April 30, 2024

GIIPS Countries: Yield Spread

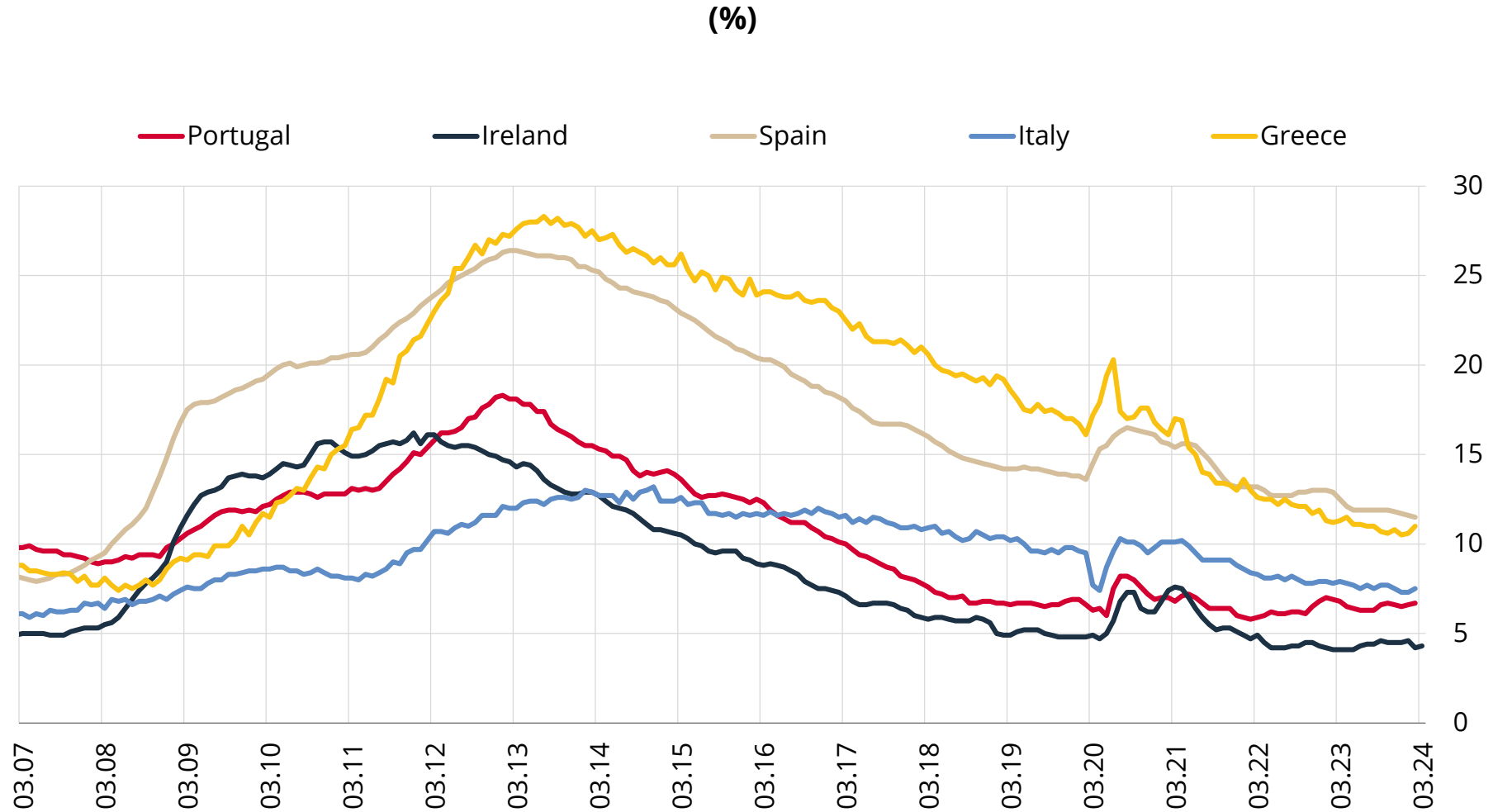


Source: Bloomberg

Last Observation: April 30, 2024

GIIPS: Greece, Italy, Portugal, Spain.

GIIPS Countries: Unemployment



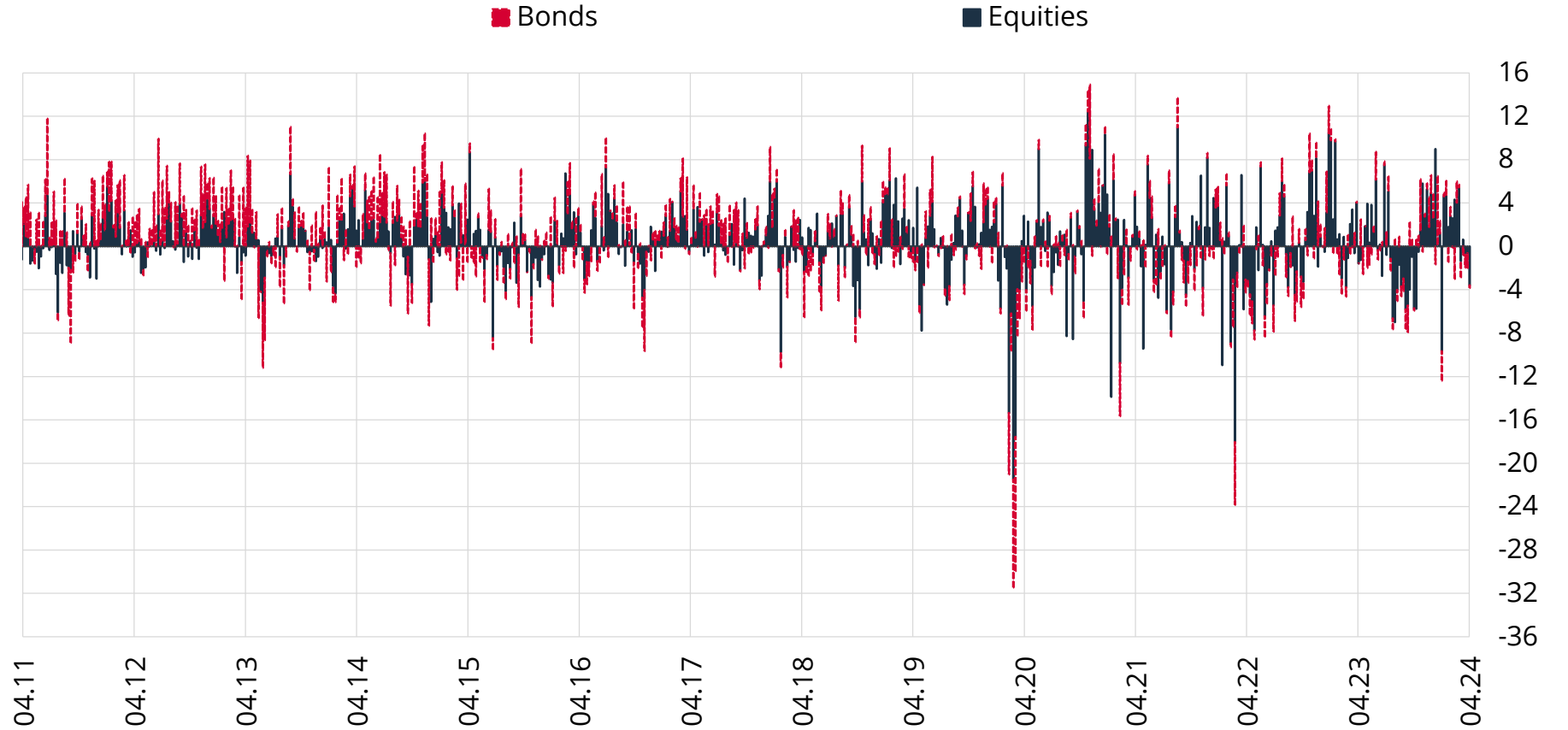
Source : Bloomberg

Last Observation: March 2024

GIIPS: Greece, Ireland, Italy, Portugal, Spain.

Portfolio Flows

All Developing Countries, Weekly Fund Flows (Billion US Dollars)

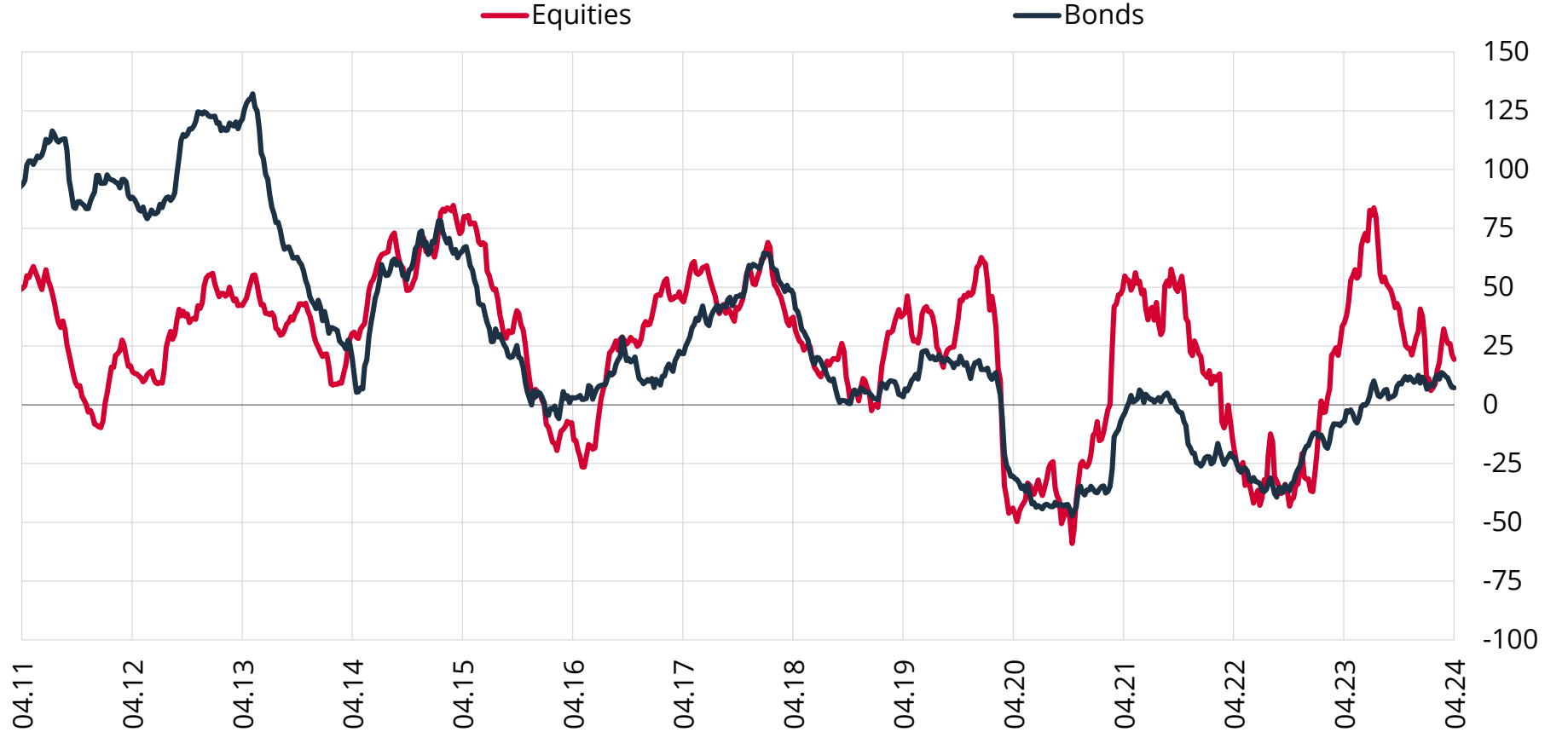


Source : IIF

Last Observation: April 19, 2024

Portfolio Flows

All Developing Countries, Weekly 52 Week Cumulative Fund Flows (Billion US Dollars)



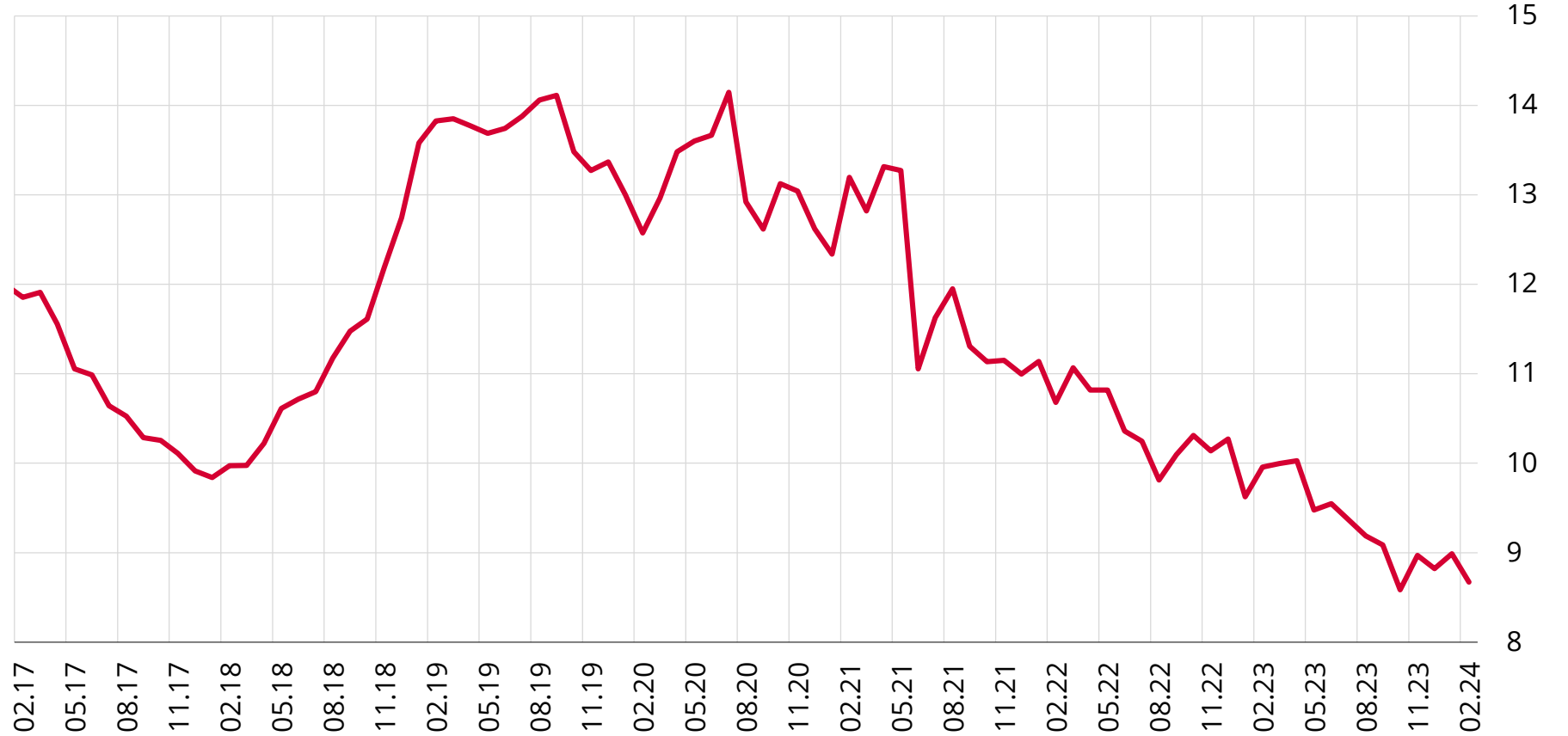
Source : IIF

Last Observation: April 19, 2024

LABOR MARKET DEVELOPMENTS

Unemployment Rate

(Seasonally Adjusted, %)

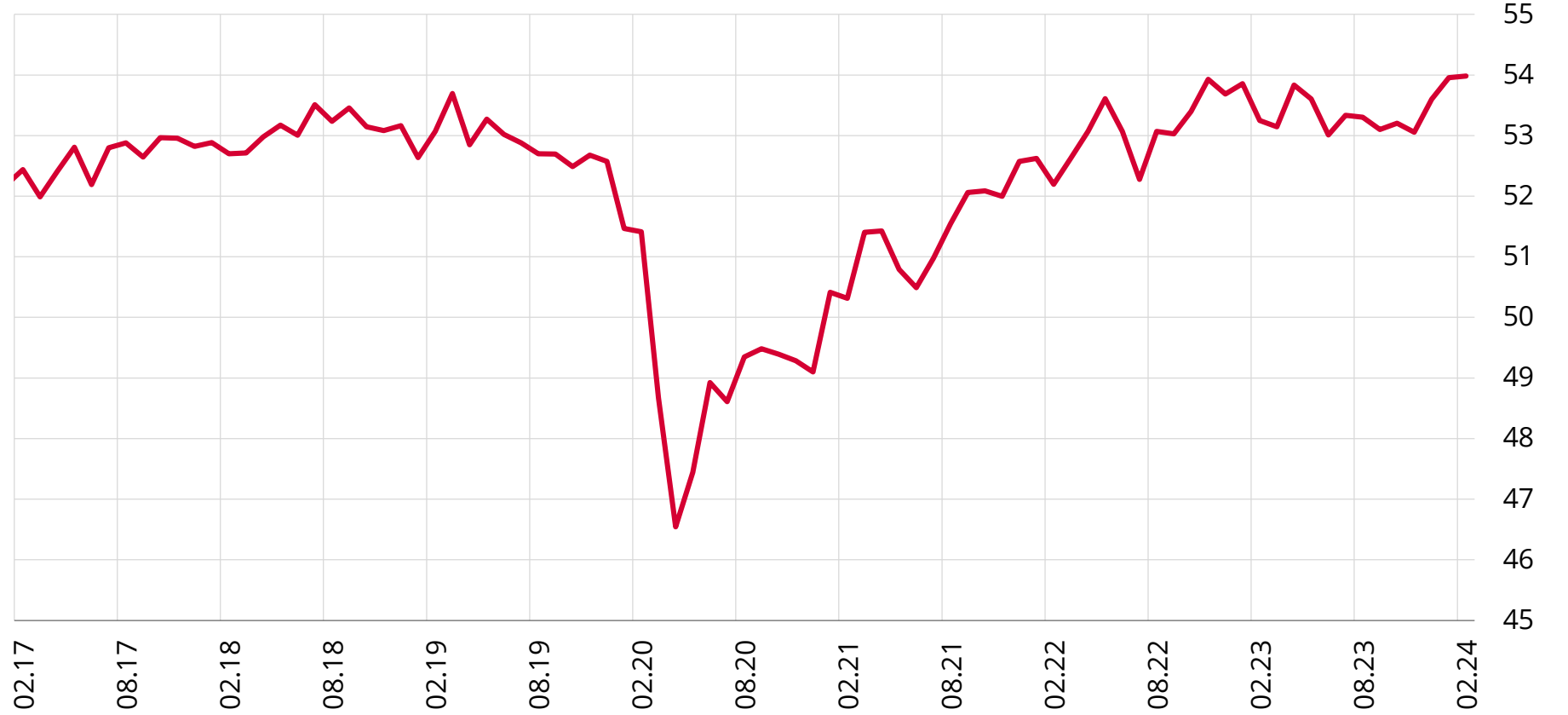


Source: TURKSTAT

Last Observation: February 2024

Participation Rate

(Seasonally Adjusted, %)

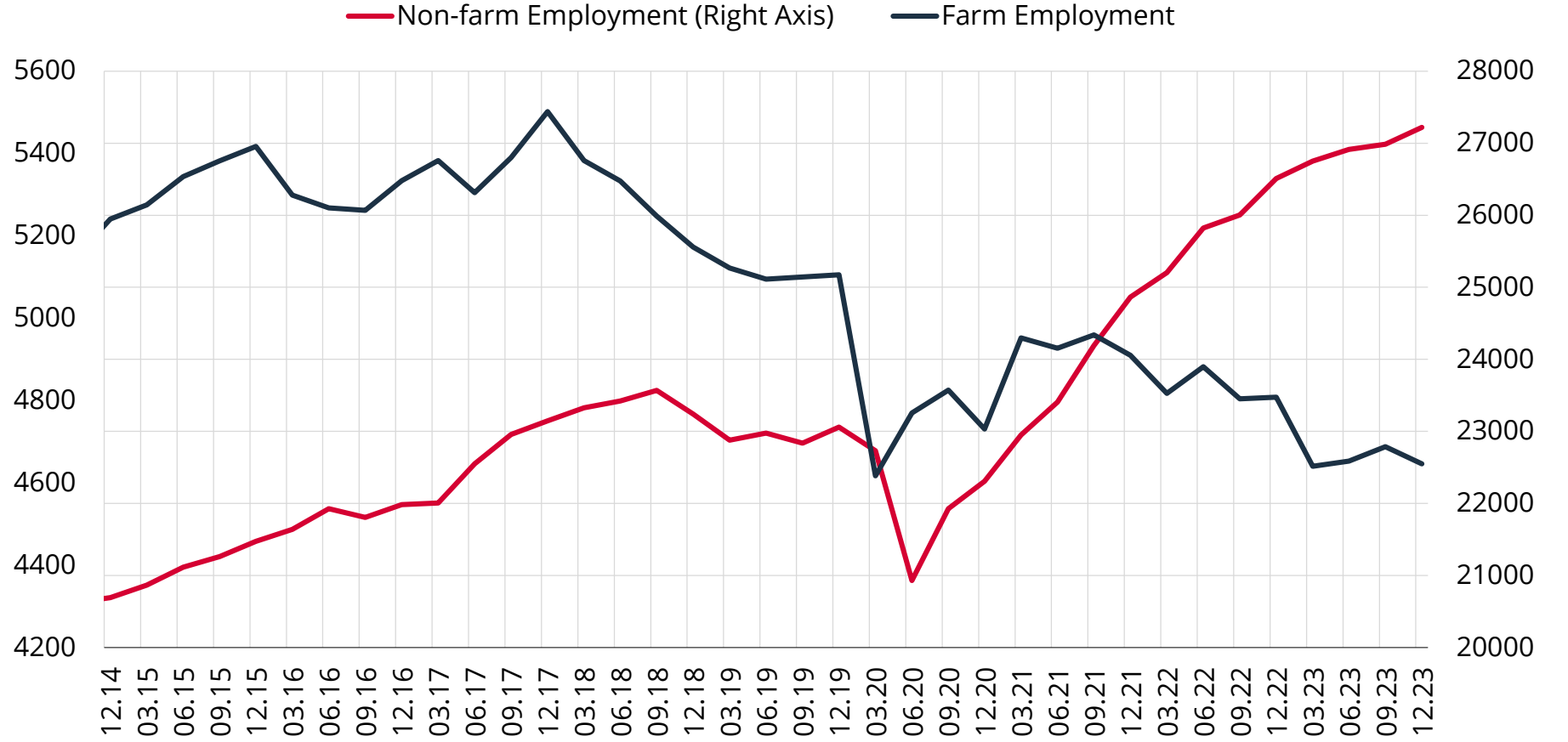


Source: TURKSTAT

Last Observation: February 2024

Employment

(Seasonally Adjusted, Thousand People)

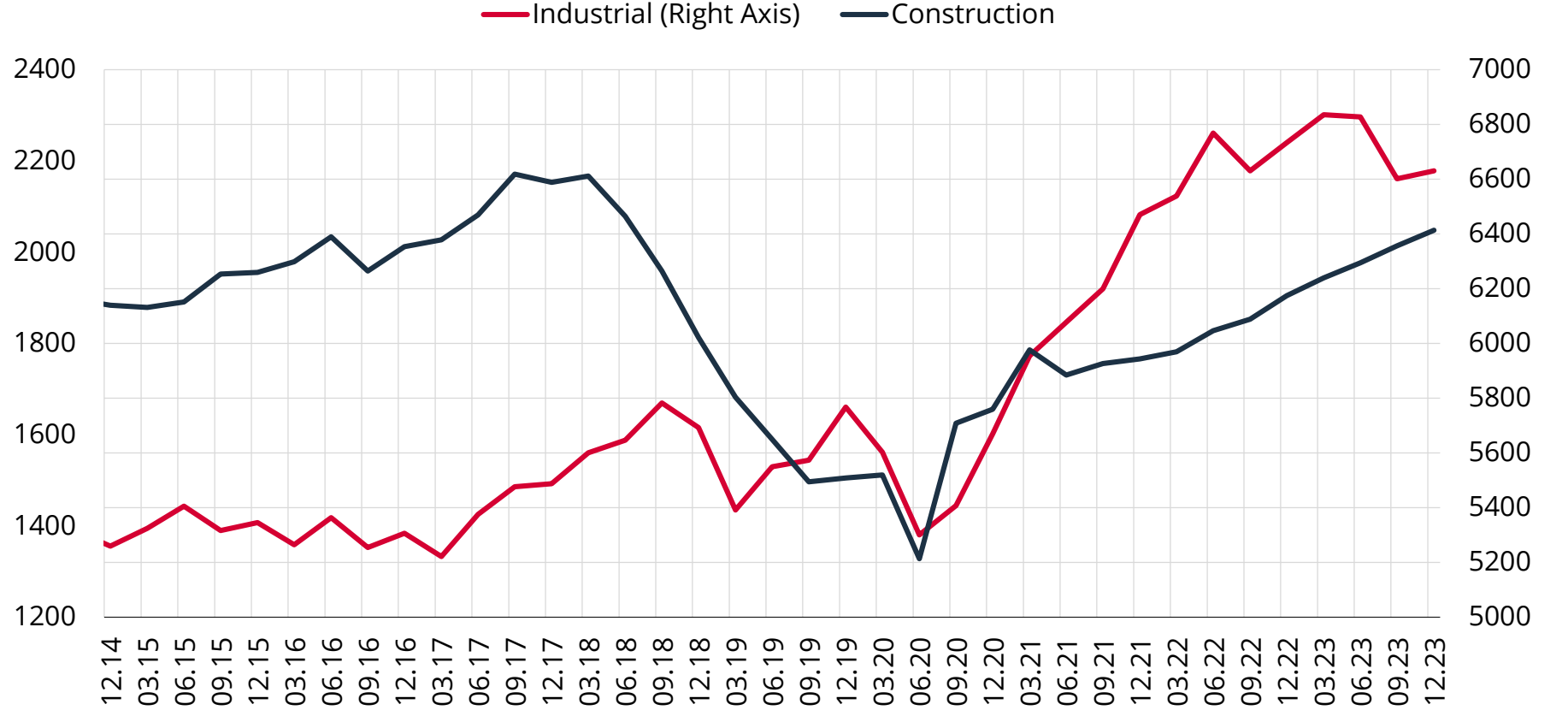


Source: TURKSTAT

Last Observation: 2023Q4

Employment by Sectors

(Seasonally Adjusted, Thousand People)

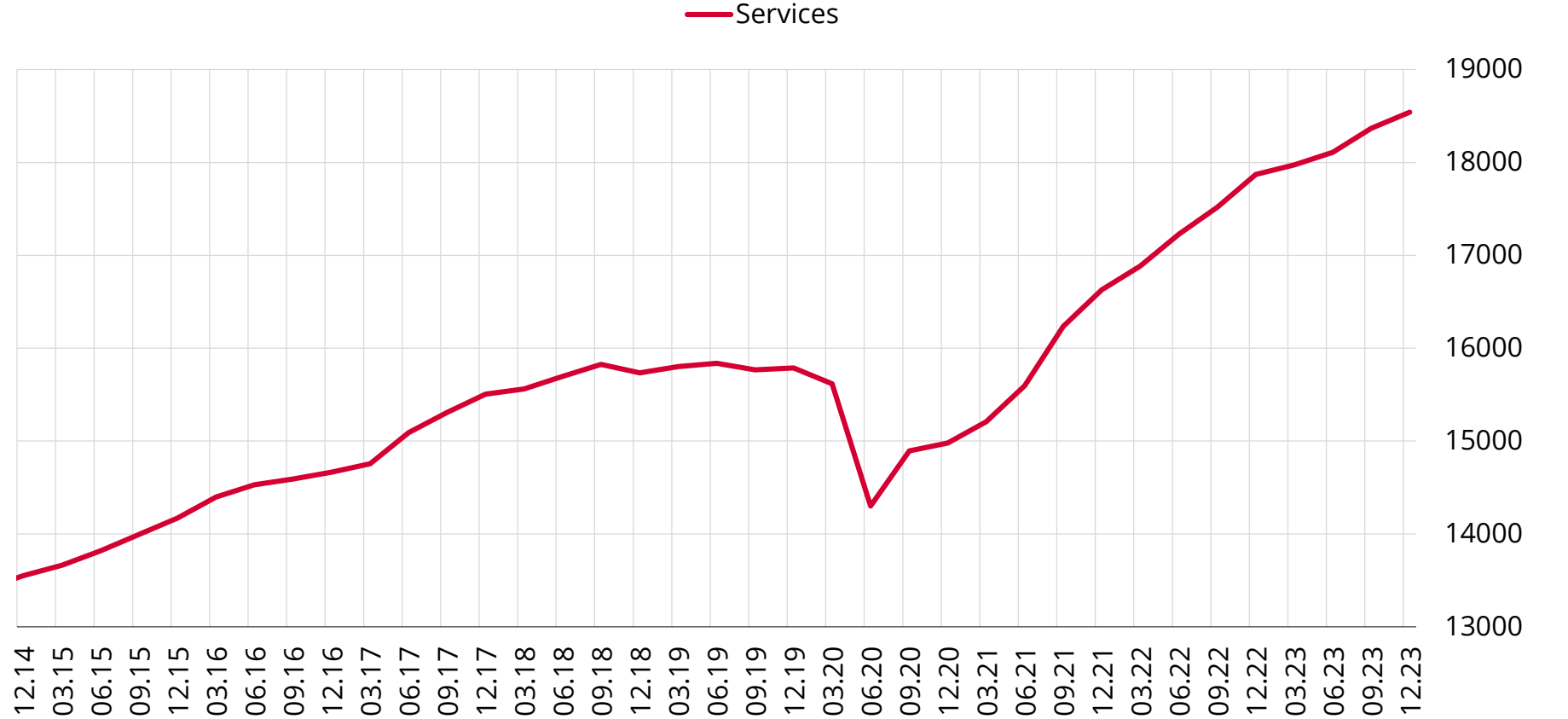


Source: TURKSTAT

Last Observation: 2023Q4

Employment by Sectors

(Seasonally Adjusted, Thousand People)



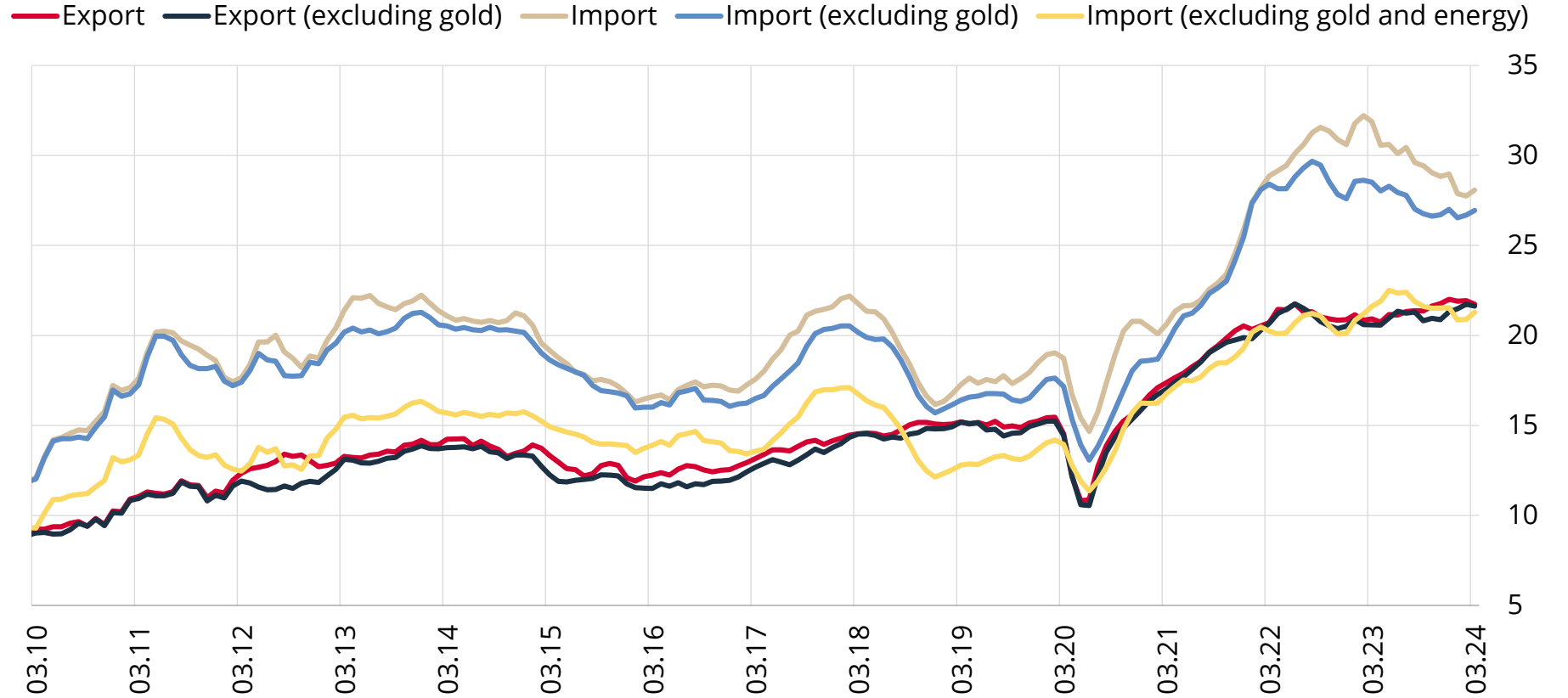
Source: TURKSTAT

Last Observation: 2023Q4

BALANCE OF PAYMENTS DEVELOPMENTS

Foreign Trade

(Seasonally Adjusted, 3-Month Moving Average, Billion USD)

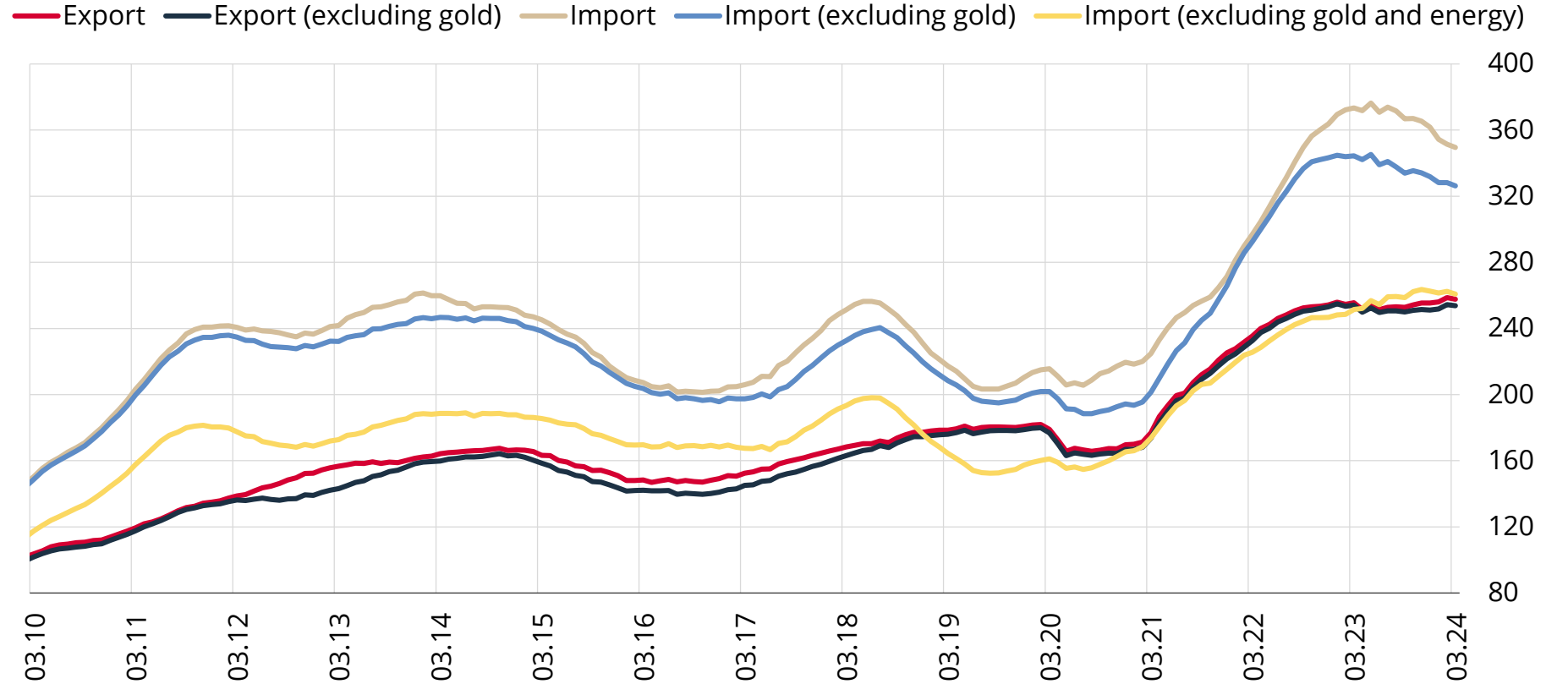


Source: CBRT, TURKSTAT

Last Observation: March 2024

Foreign Trade

(12-month Cumulative, Billion USD)

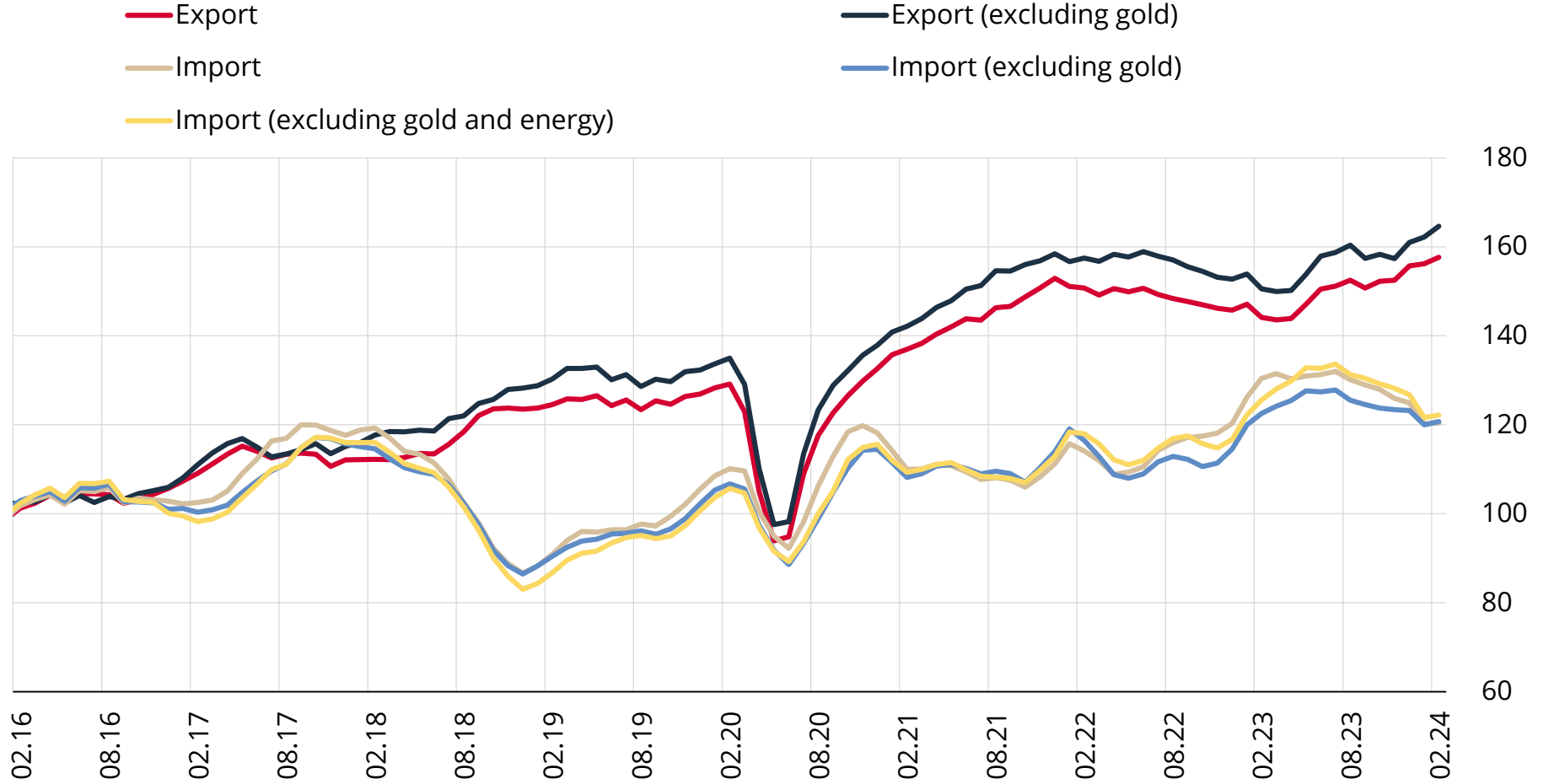


Source: CBRT, TURKSTAT

Last Observation: March 2024

Real Import and Real Export

(Index 2015=100, Seasonally Adjusted, 3-month Moving Average)

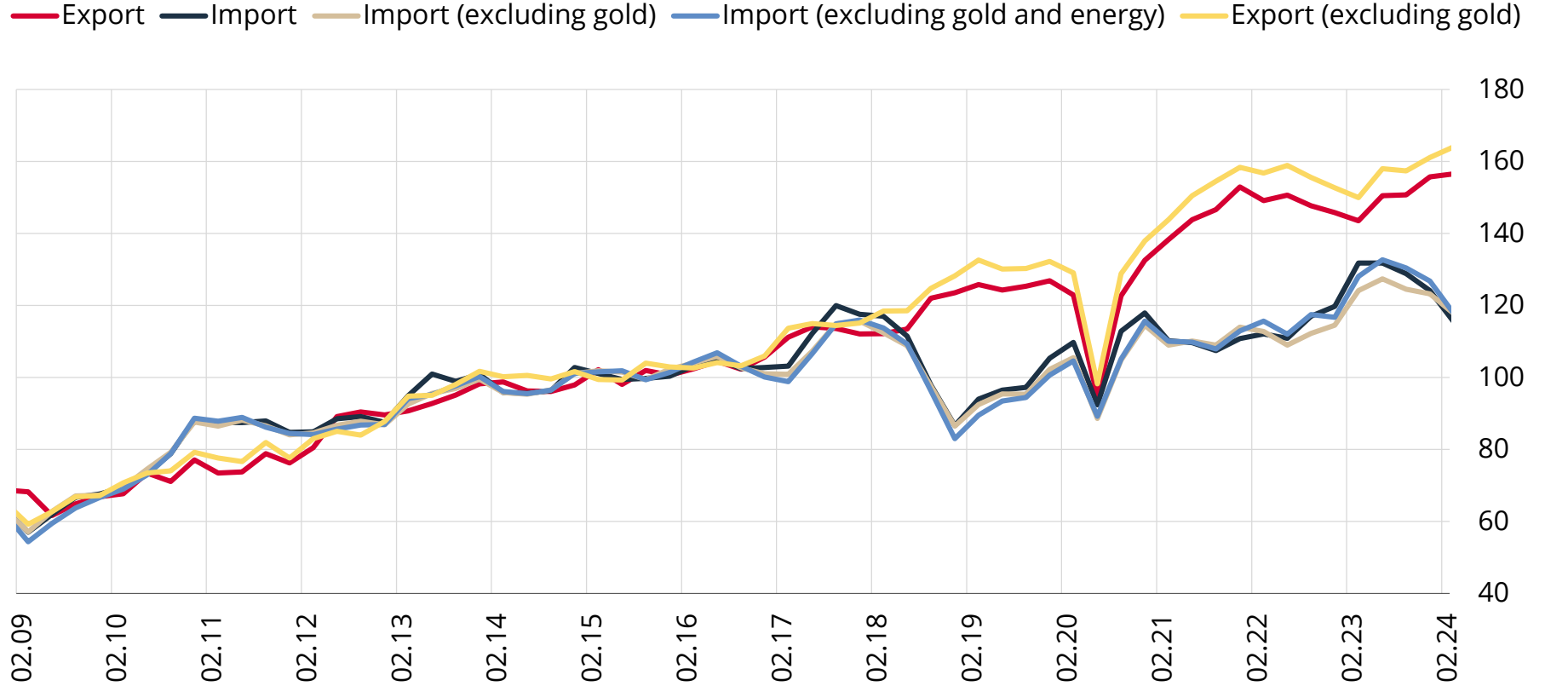


Source: CBRT, TURKSTAT

Last Observation: February 2024

Real Import and Real Export

(Index 2015=100, Seasonally Adjusted Quarterly)

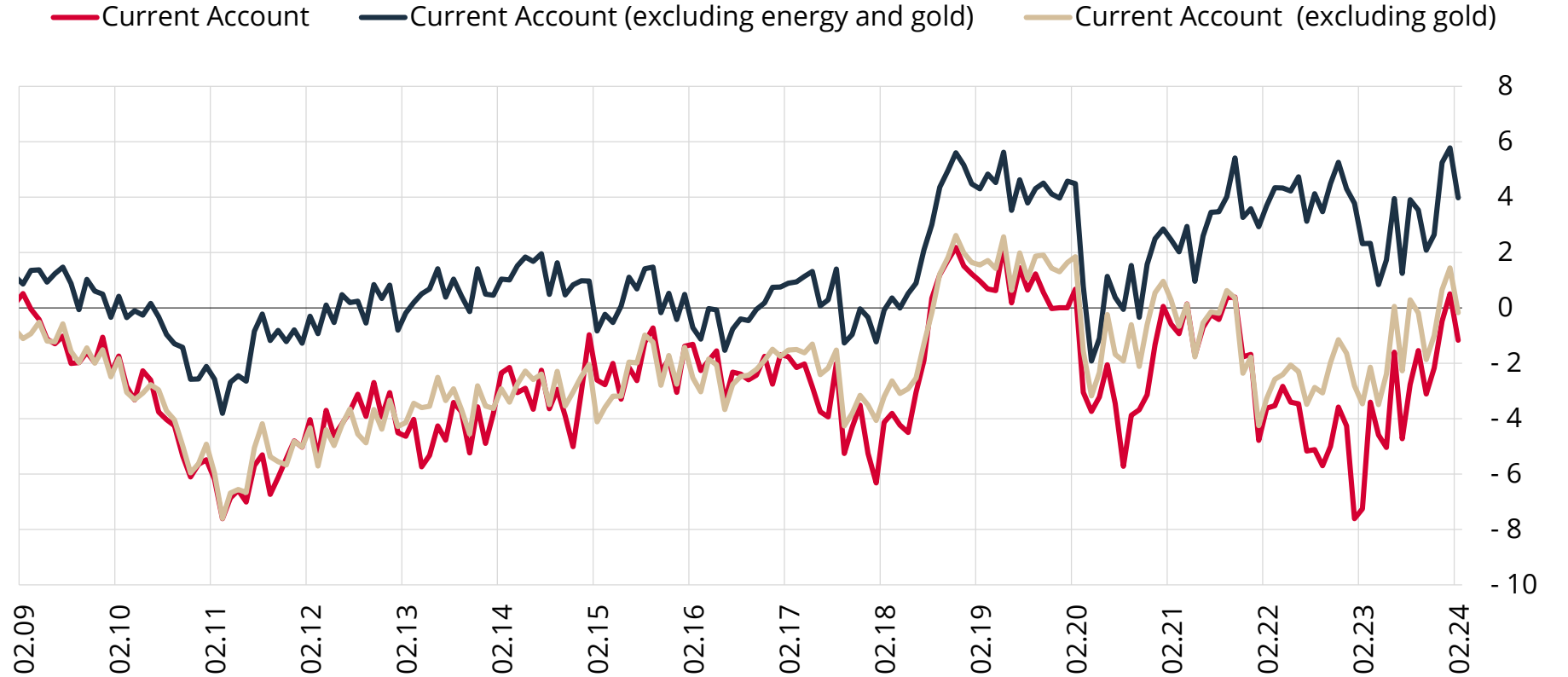


Source: CBRT, TURKSTAT

Last Observation: February 2024

Current Account Balance

(Seasonally Adjusted, Billion USD)



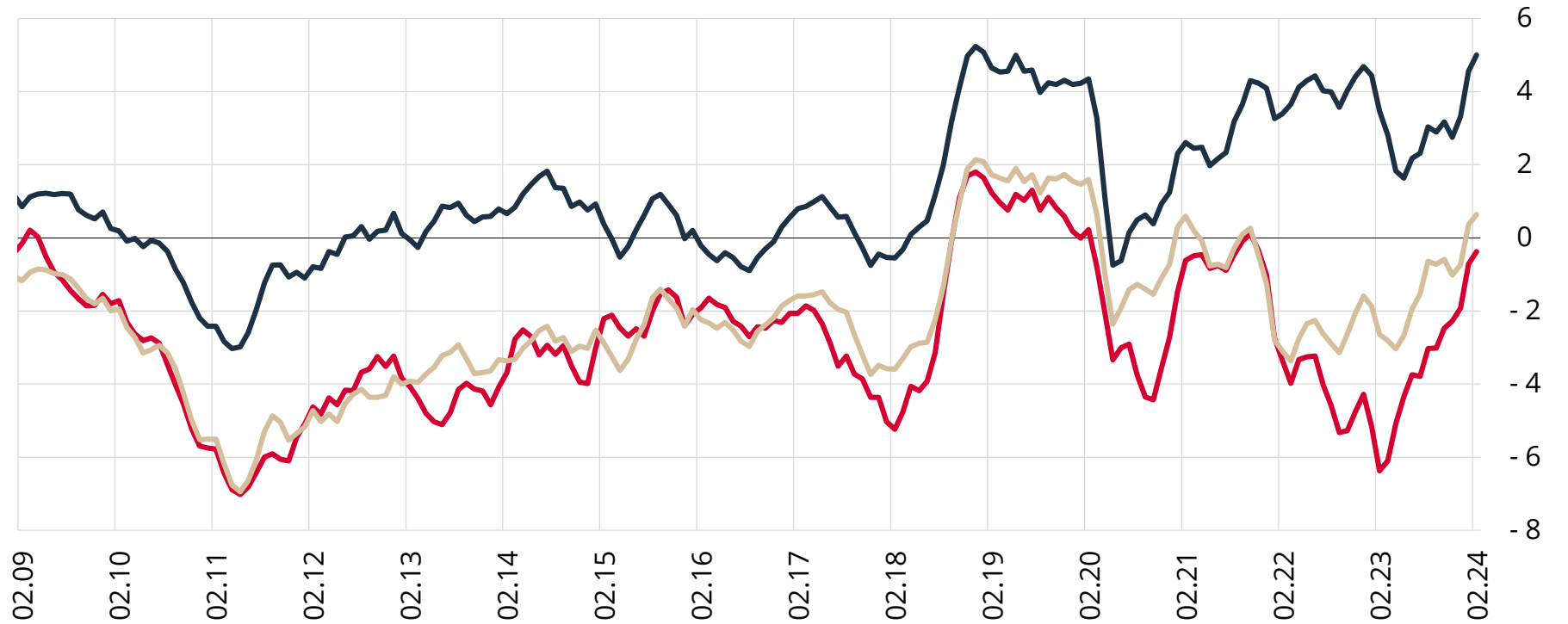
Source: CBRT

Last Observation: February 2024

Current Account Balance

(Seasonally Adjusted, 3-month Moving Average, Billion USD)

— Current Account — Current Account (excluding energy and gold) — Current Account (excluding gold)

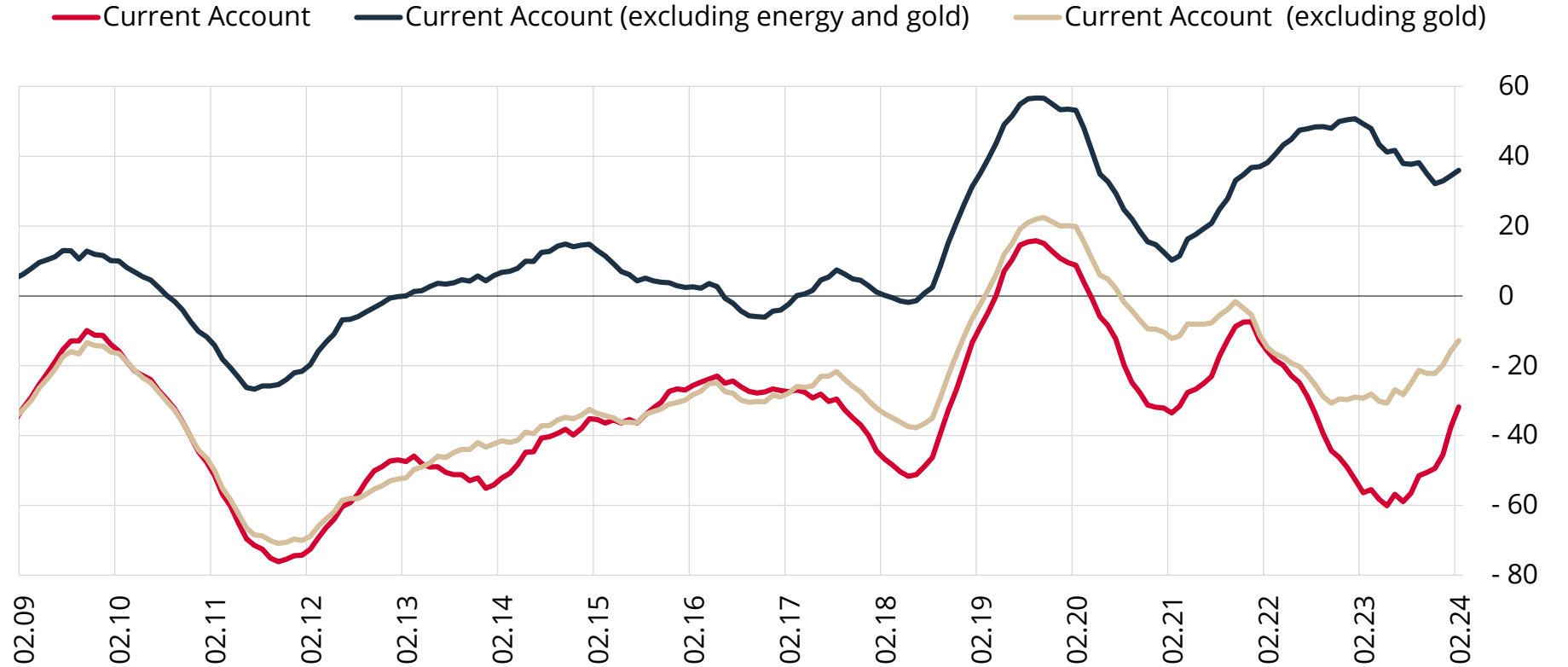


Source: CBRT

Last Observation: February 2024

Current Account Balance

(12-month Cumulative, Billion USD)

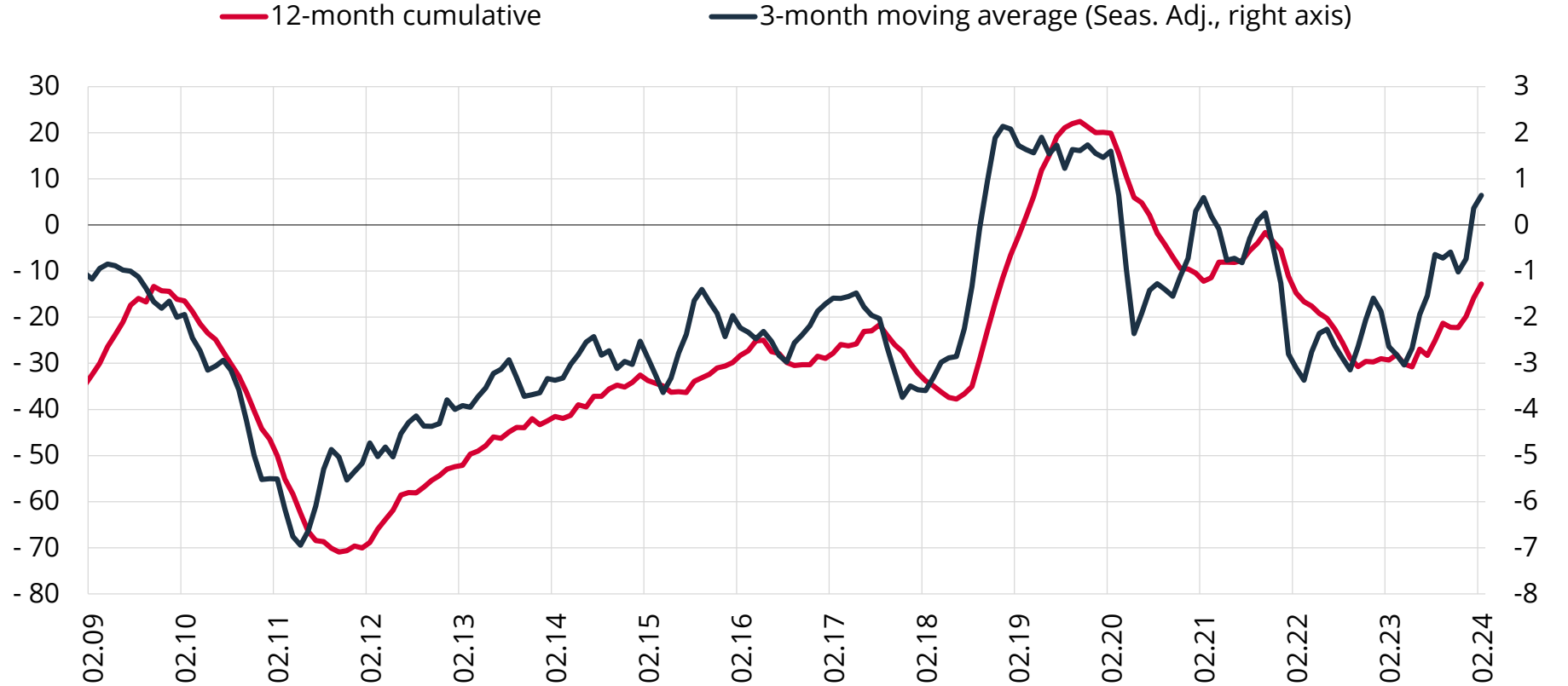


Source: CBRT

Last Observation: February 2024

Current Account Balance

(Excluding Gold, Billion USD)

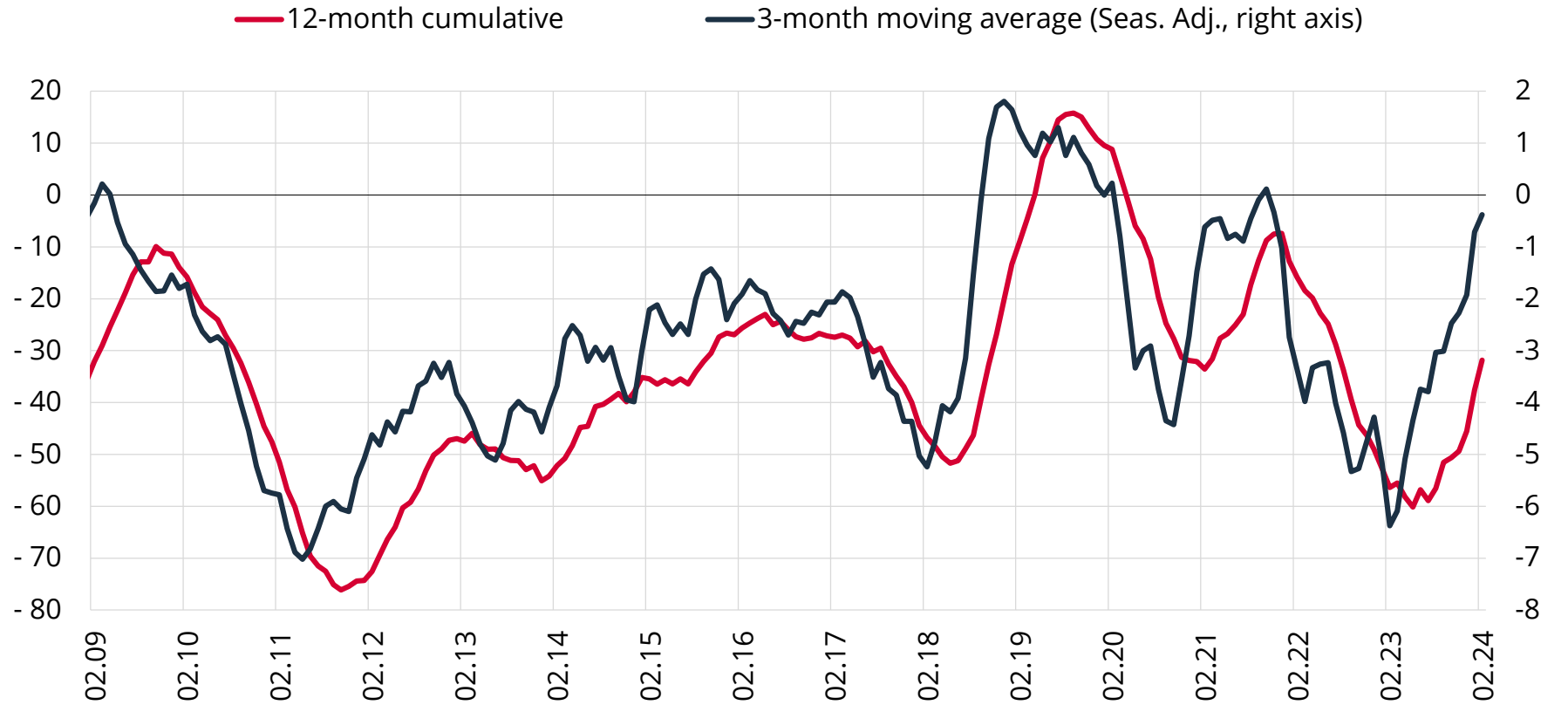


Source: CBRT

Last Observation: February 2024

Current Account Balance

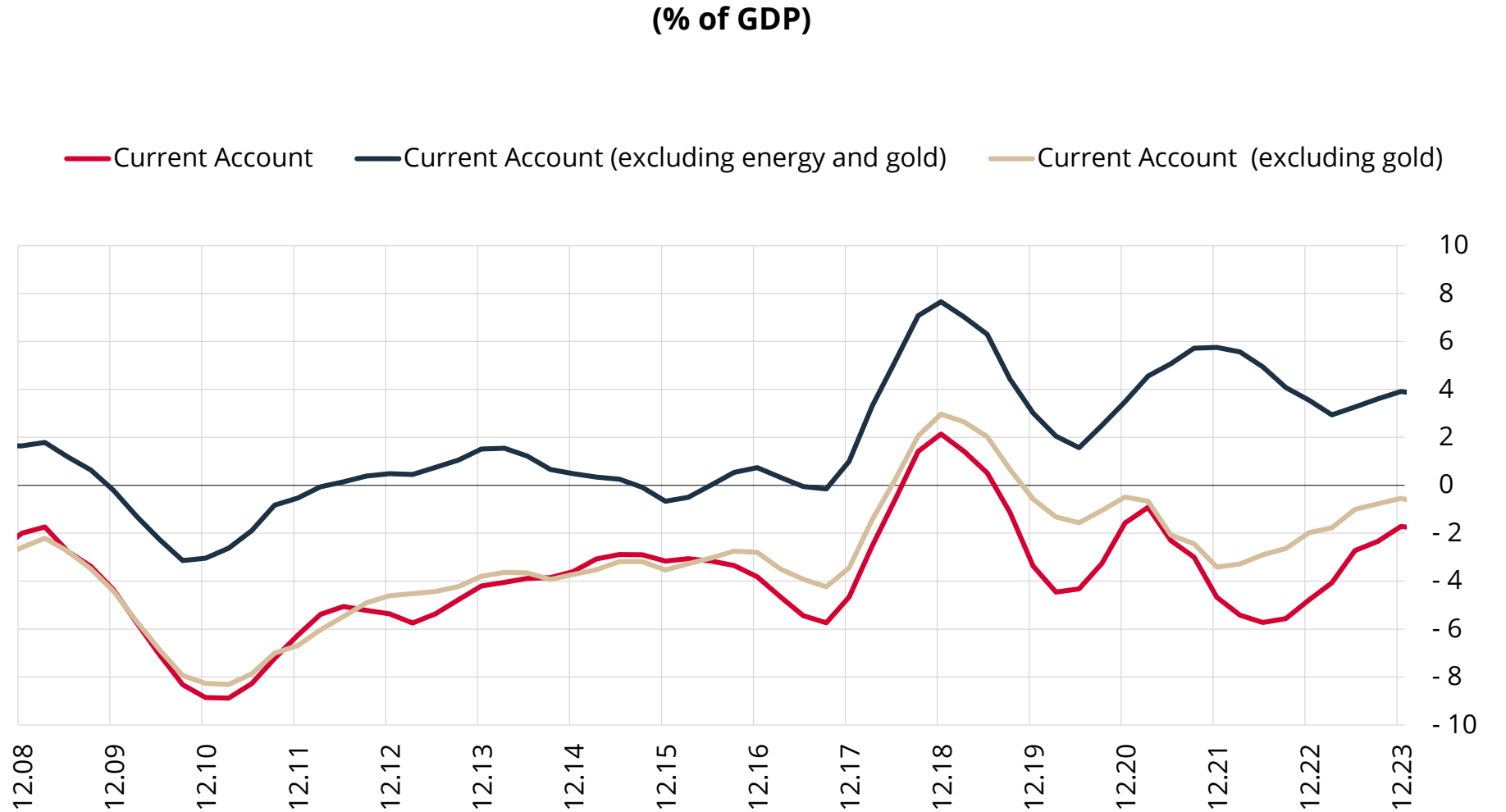
(Billion USD)



Source: CBRT

Last Observation: February 2024

Current Account Balance

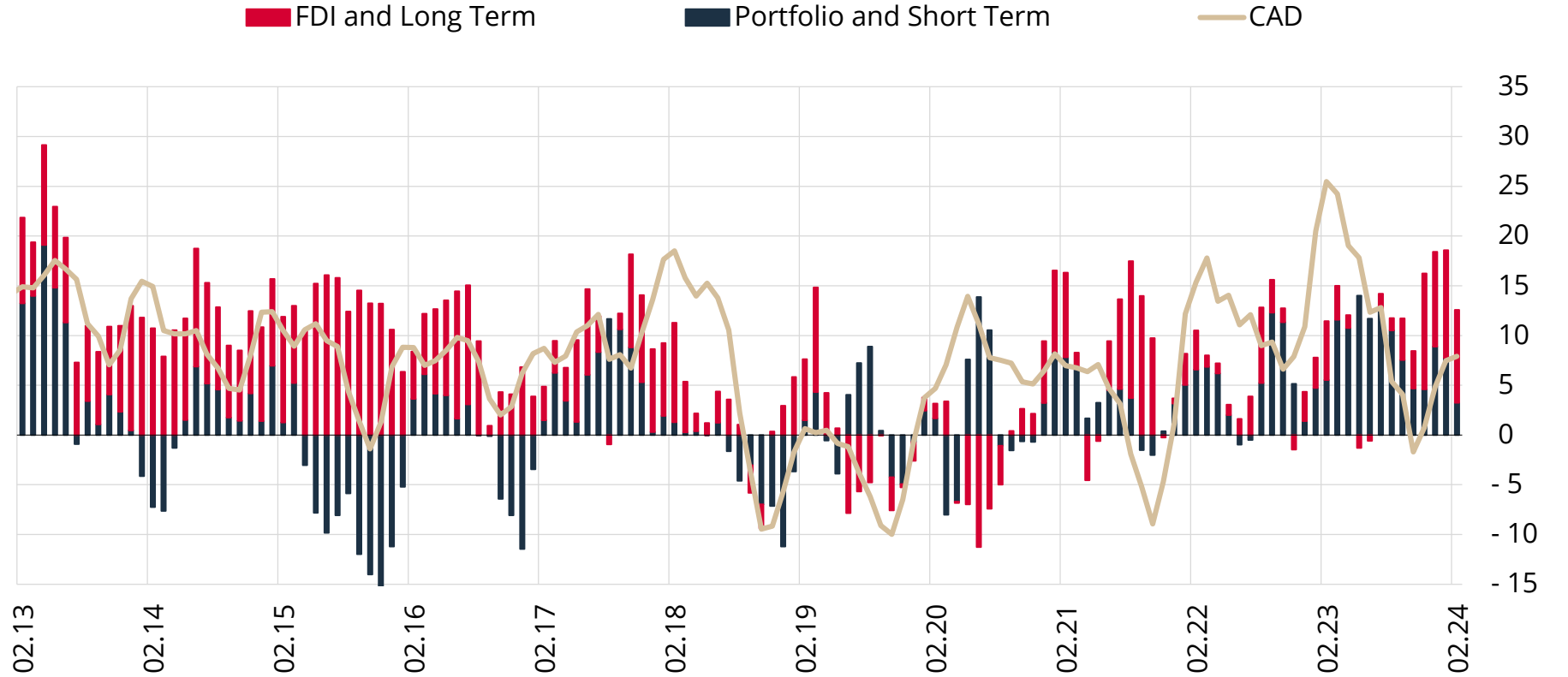


Source: CBRT

Last Observation: 2023Q4

Main Sources of External Finance*

(3-month Cumulative, Billion USD)

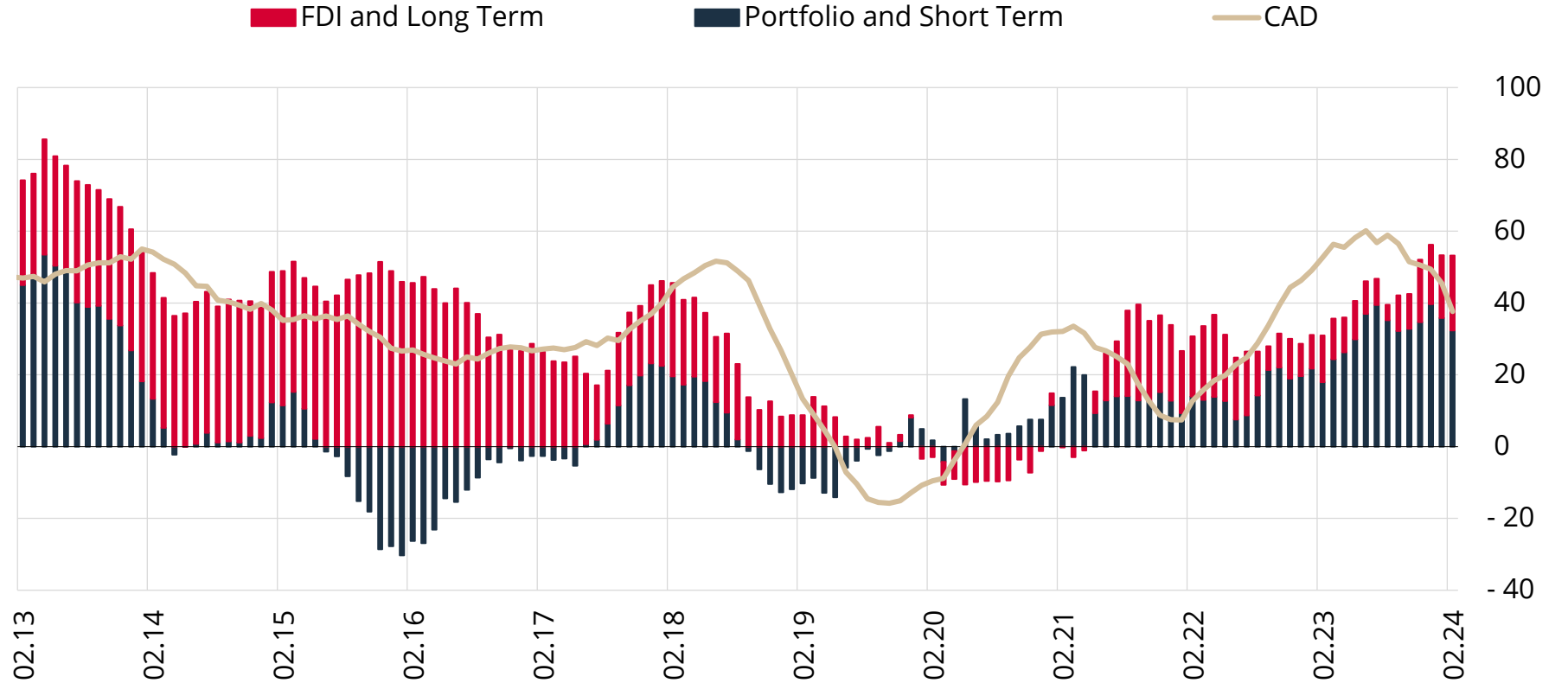


Source: CBRT

Last Observation: February 2024

Main Sources of External Finance*

(12-month Cumulative, Billion USD)

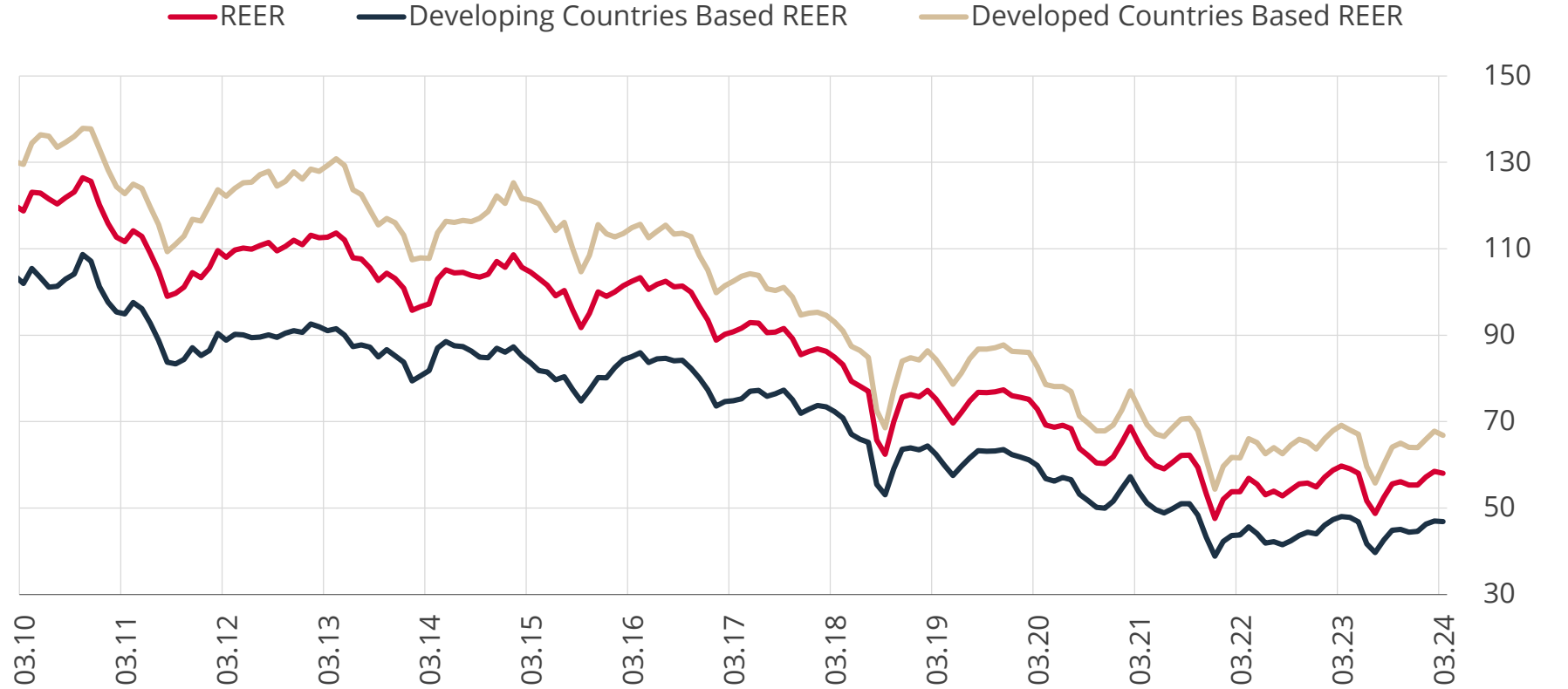


Source: CBRT

Last Observation: February 2024

Real Exchange Rate

CPI Based REER* (2003=100)



Source: CBRT

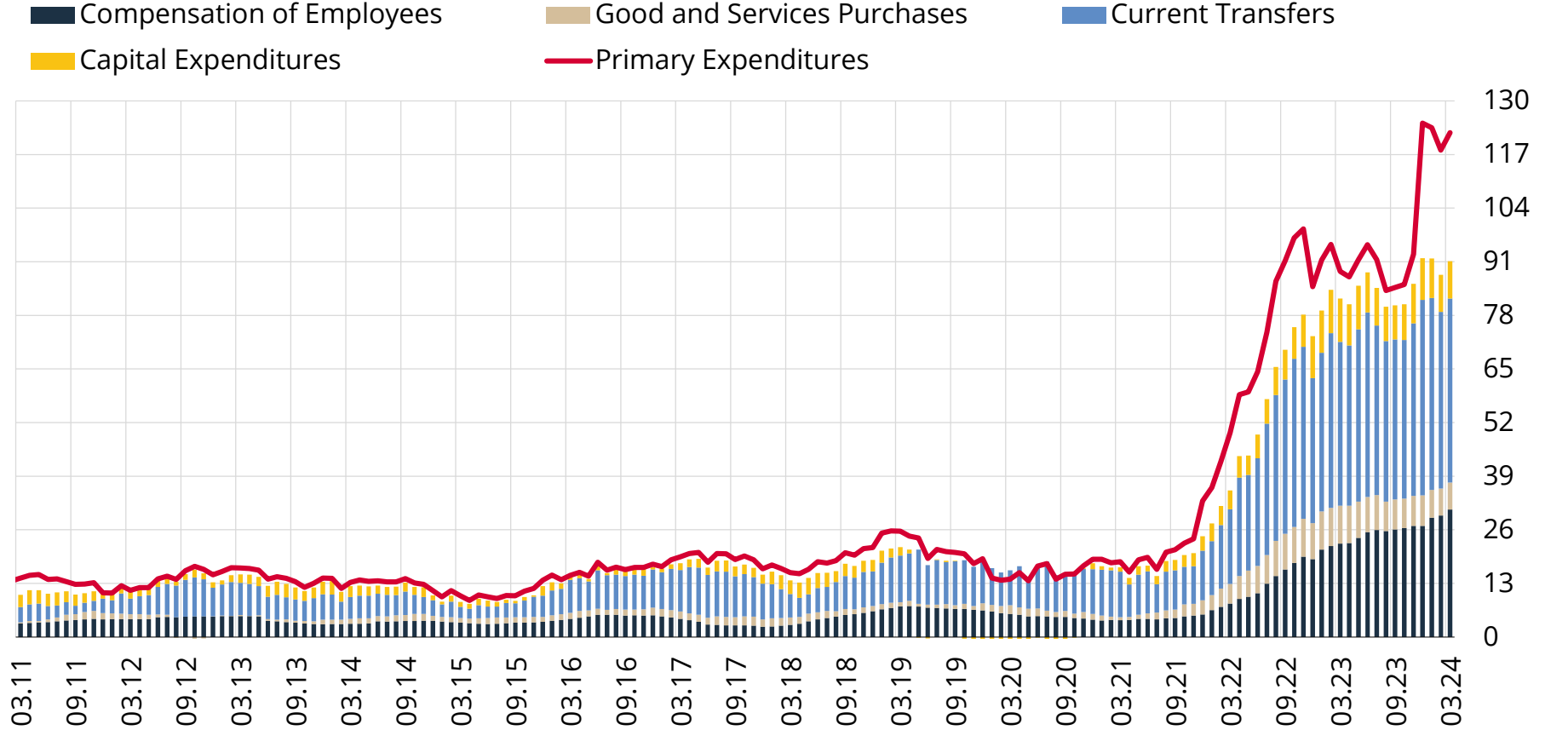
Last Observation: March 2024

* Real effective exchange rate.

PUBLIC FINANCE DEVELOPMENTS

Contributions To Primary Expenditures

(12-Month Cumulative, Contribution To Annual % Change)*



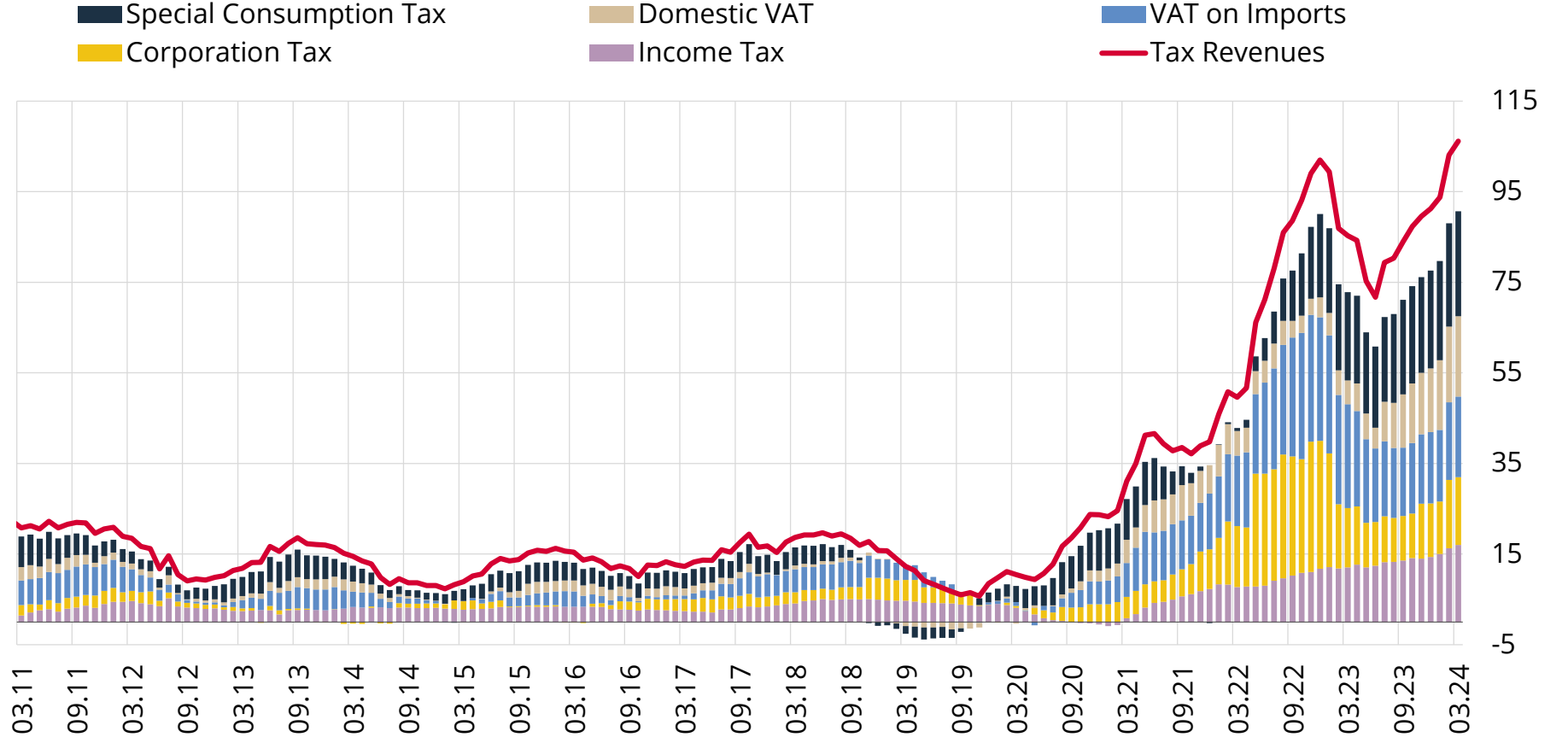
Source: Ministry of Treasury and Finance

Observation Date: March 2024

* Principal items have been selected.

Contributions To Tax Revenues

(12-Month Cumulative, Contribution To Annual % Change)*



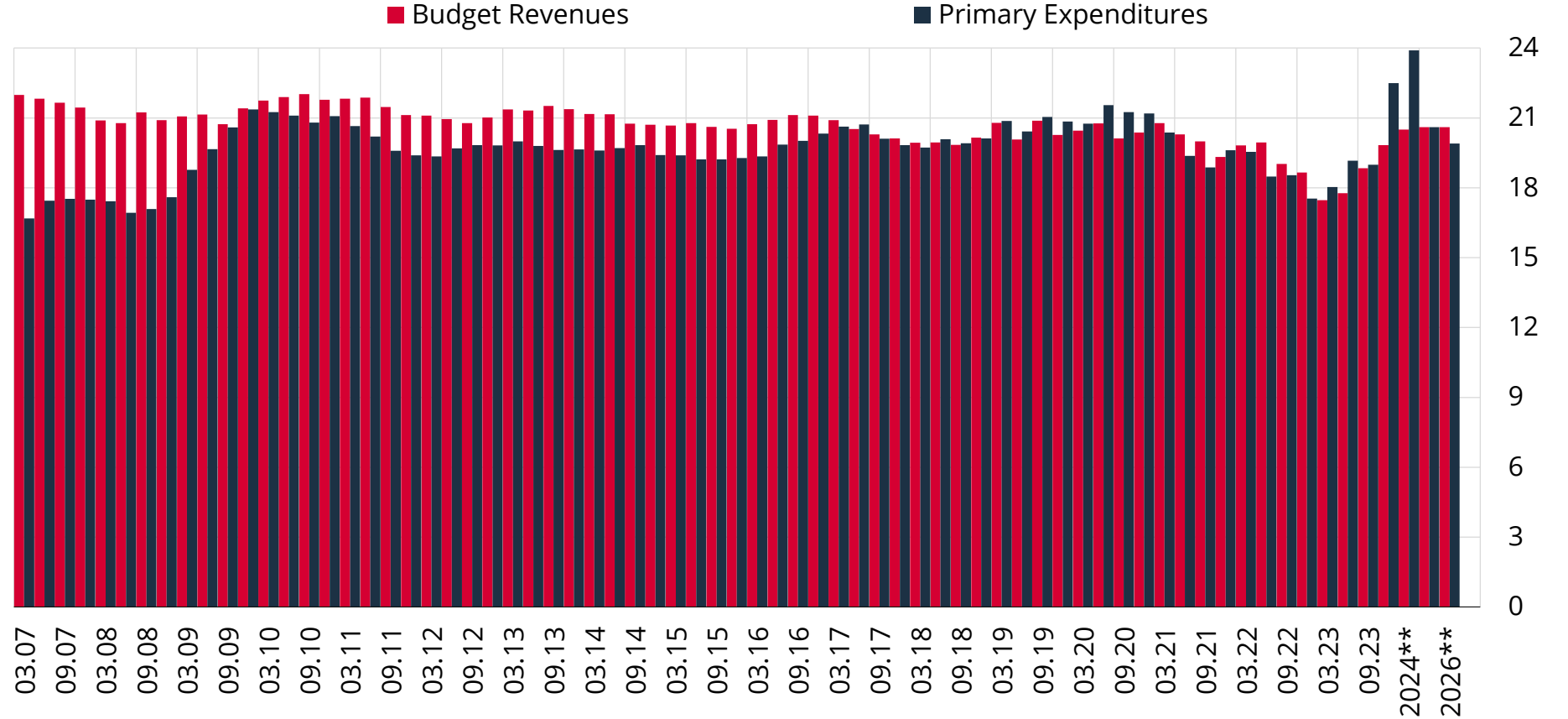
Source: Ministry of Treasury and Finance

Observation Date: March 2024

* Principal items have been selected.

Central Government Budget Revenues and Expenditures

(12-Month Cumulative, As Percent of GDP)



Source: Ministry of Treasury and Finance, Medium Term Program (2024-2026)

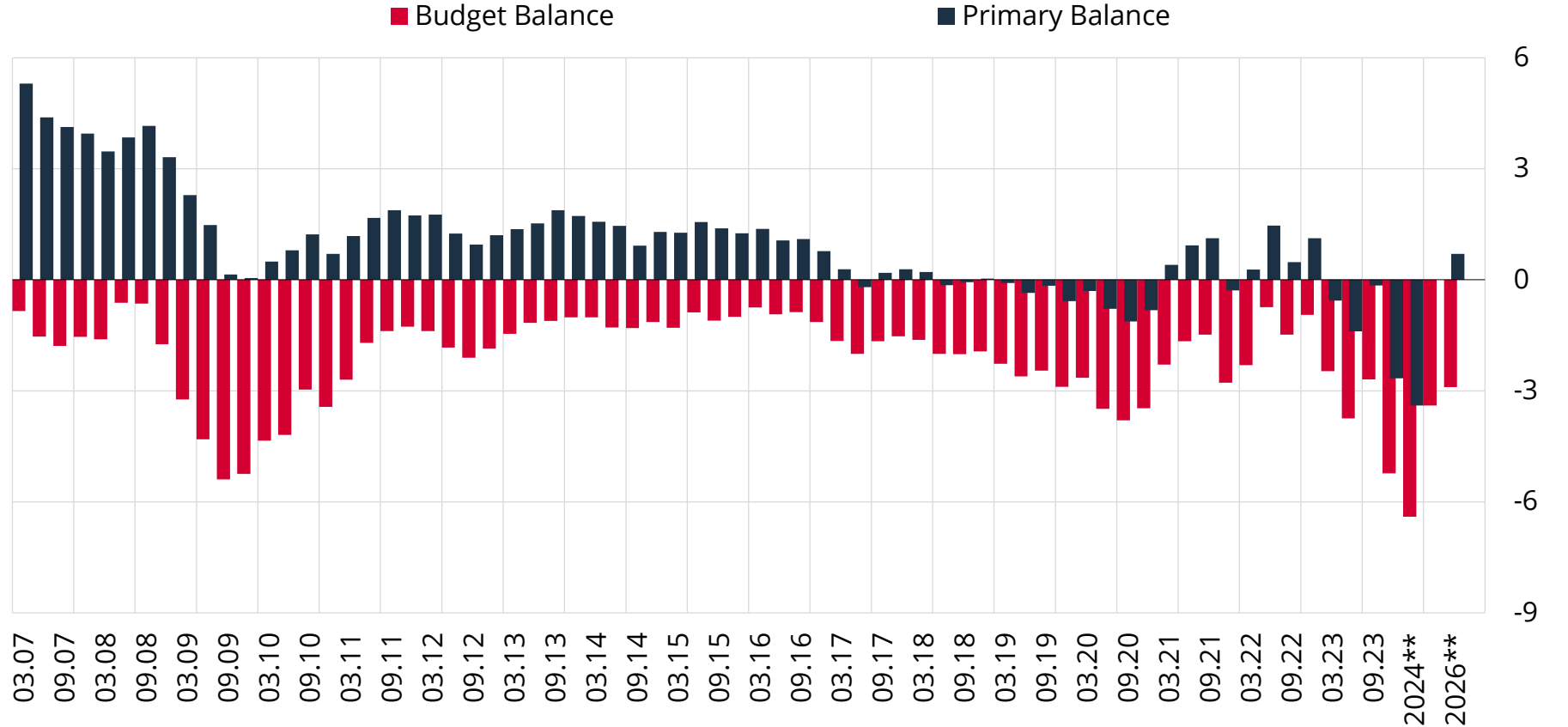
Observation Date: 2023Q4

* Medium Term Program (2024-2026) realization forecast.

** Medium Term Program (2024-2026) forecast.

Central Government Budget Balance

(12-Month Cumulative, As Percent of GDP)



Source: Ministry of Treasury and Finance, Medium Term Program (2024-2026)

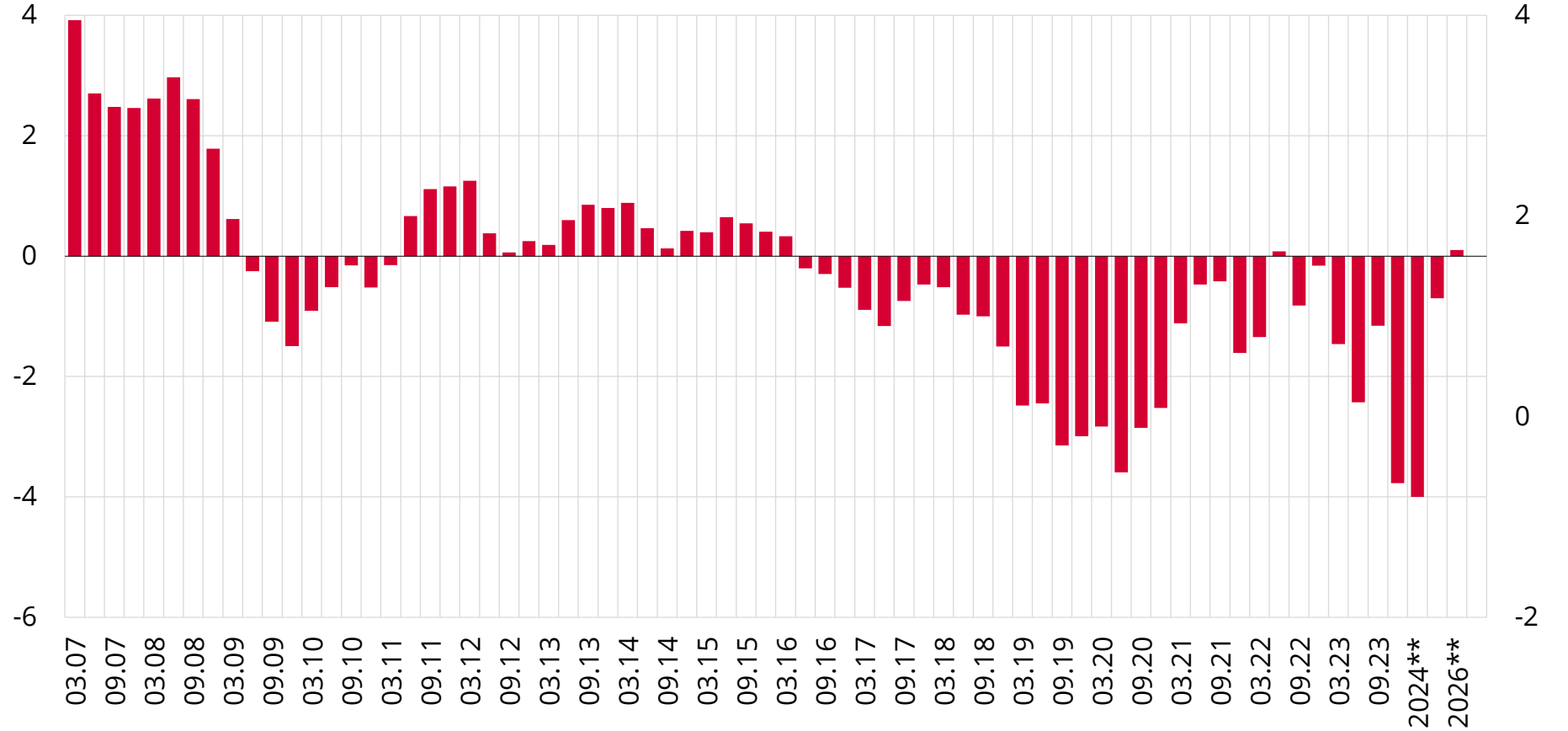
Observation Date: 2023Q4

* Medium Term Program (2024-2026) realization forecast.

** Medium Term Program (2024-2026) forecast.

Program Defined Primary Budget Balance

(12-Month Cumulative, As Percent of GDP)



Source: Ministry of Treasury and Finance, Medium Term Program (2024-2026)

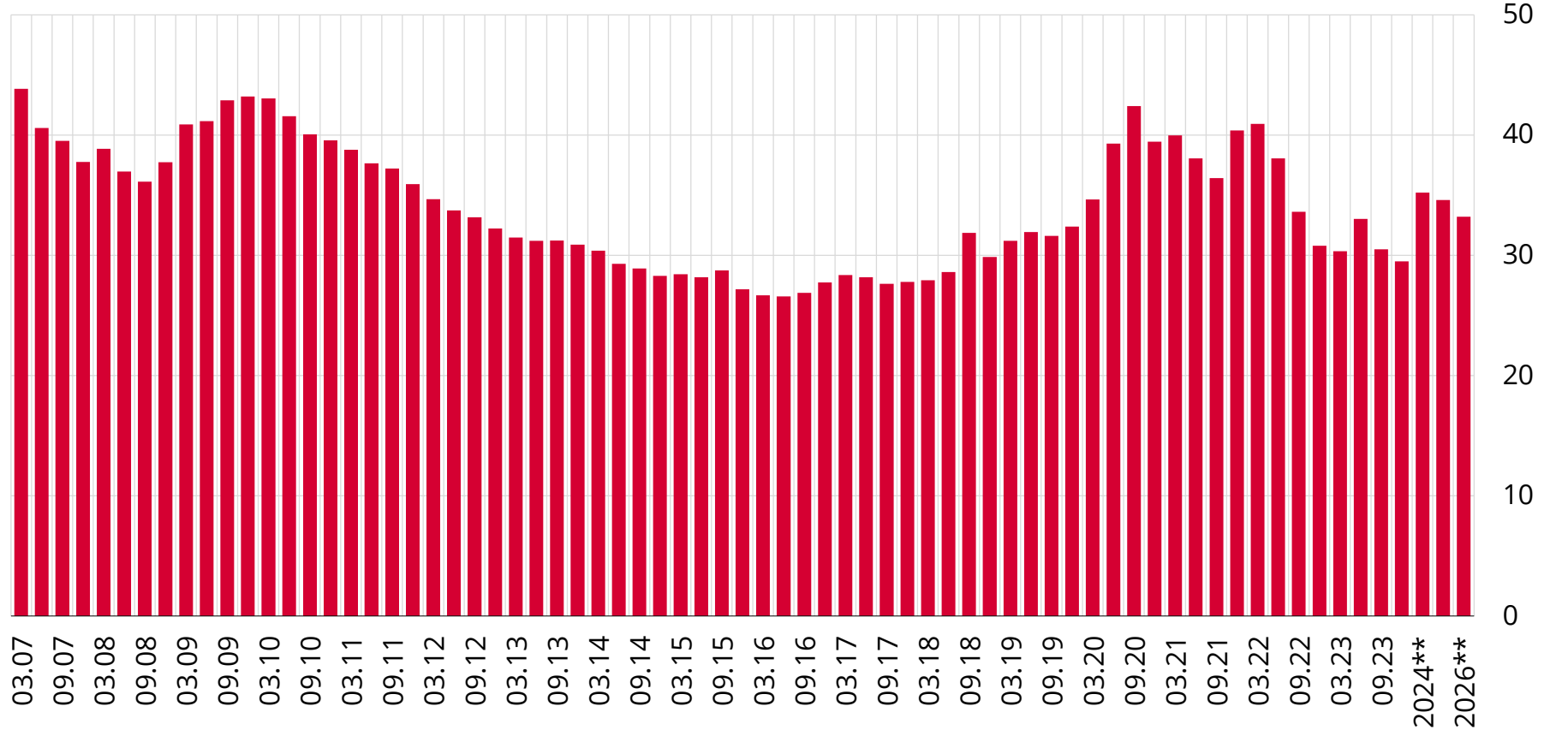
Observation Date: 2023Q4

* Medium Term Program (2024-2026) realization forecast.

** Medium Term Program (2024-2026) forecast.

EU Defined Public Debt

(As Percent of GDP)



Source: Ministry of Treasury and Finance, Medium Term Program (2023-2025)

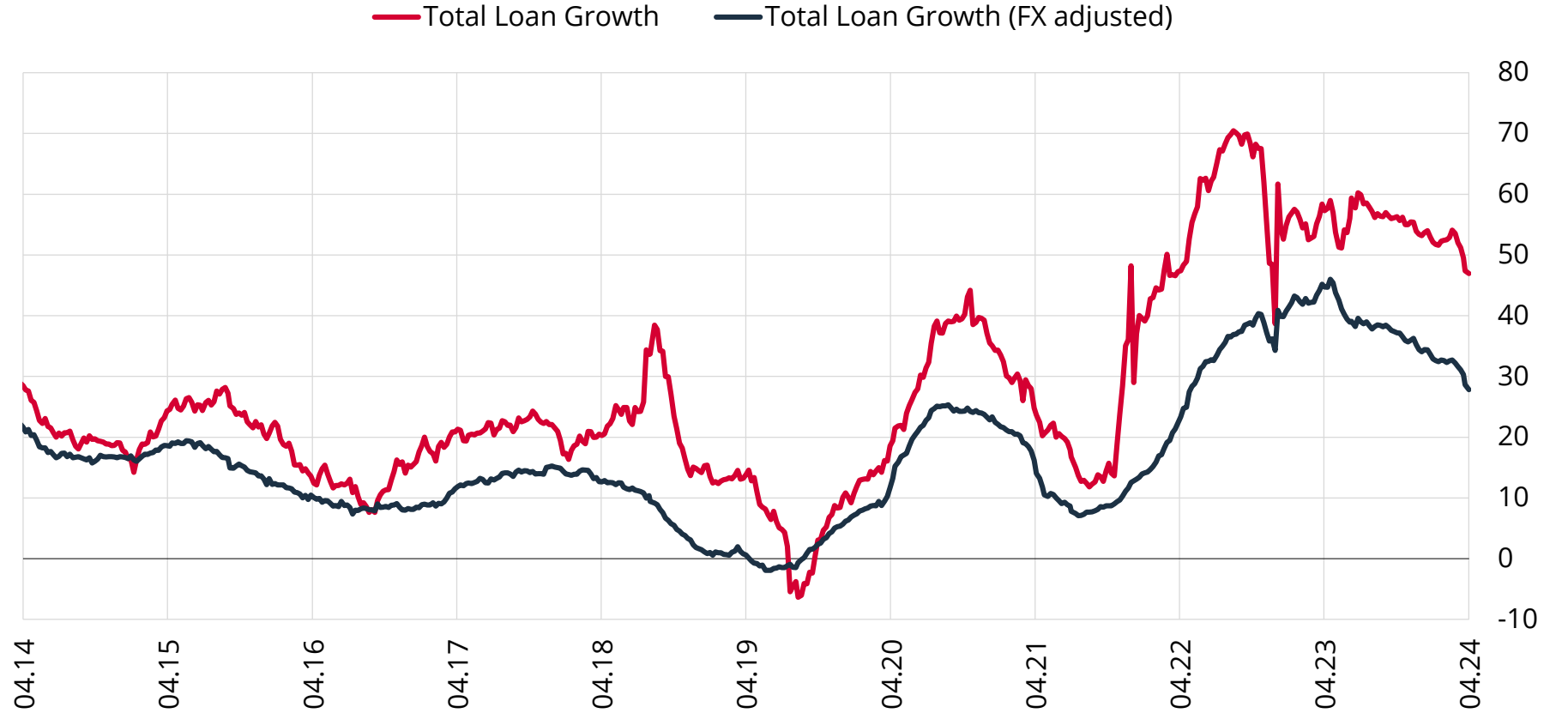
Observation Date: 2023Q4

* Medium Term Program (2023-2025) target.

FINANCIAL INTERMEDIATION AND LOANS DEVELOPMENTS

Total Loans*

(Year on Year Change, %)



Source: CBRT

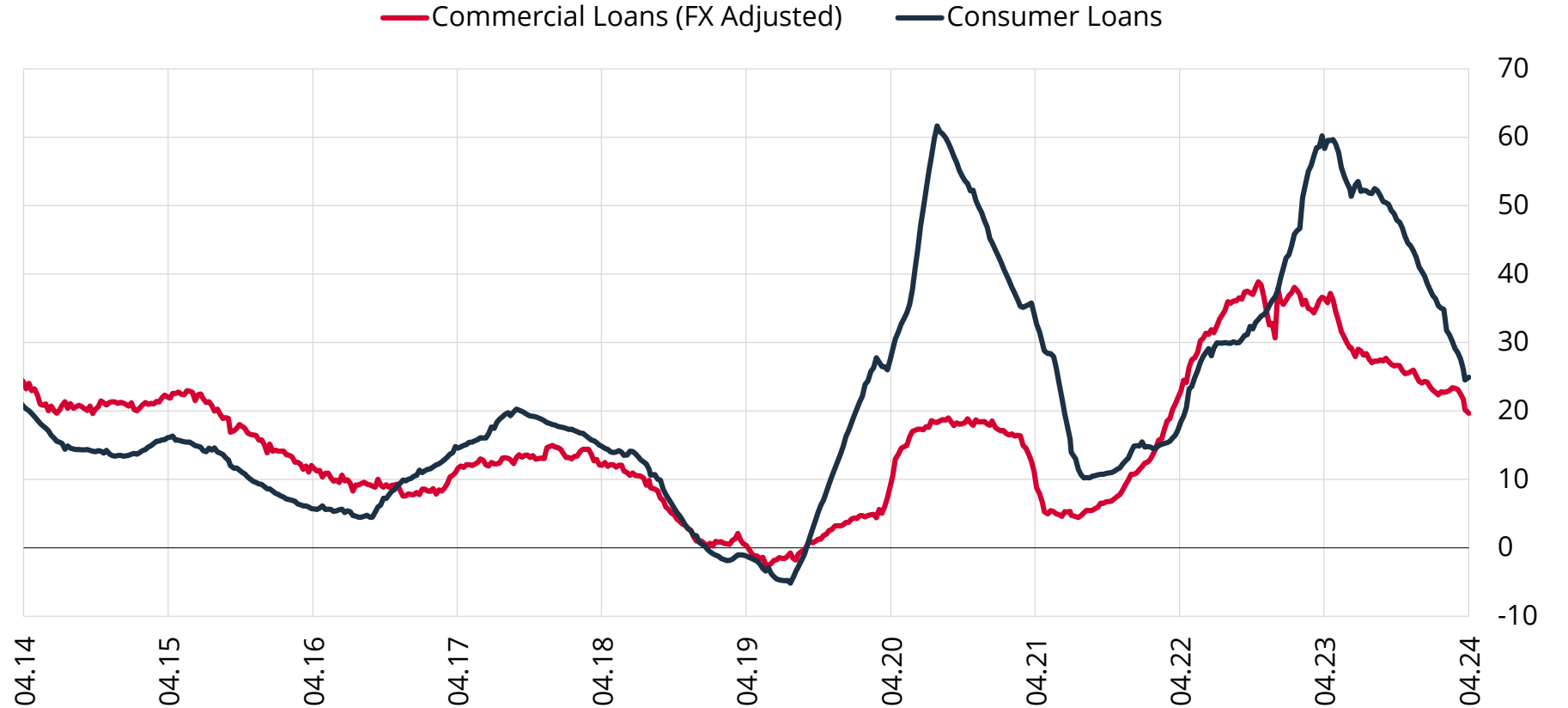
Last Observation: April 19, 2024

Due to exchange rate movements and changes in TRY- FX loan weights and the currency composition of FX loans, the exchange rate adjustment methodology was updated with the aim to form a more representative total loan growth indicator. The total FX-adjusted credit growth is calculated using the change in TL loans and the change in FX (in terms of currency basket) loans multiplied by the period average of the exchange rate basket. [For the technical note on the exchange rate adjustment methodology, please see.](#)

* Total banking sector (including participation banks). Loans extended to banks excluded. NPLs excluded.

Commercial and Consumer Loans*

(Year on Year Change, %)



Source: CBRT

Last Observation: April 19, 2024

Total Loans*

(Adjusted for Exchange Rate, Annualized 13-Week Growth, %)



Source: CBRT

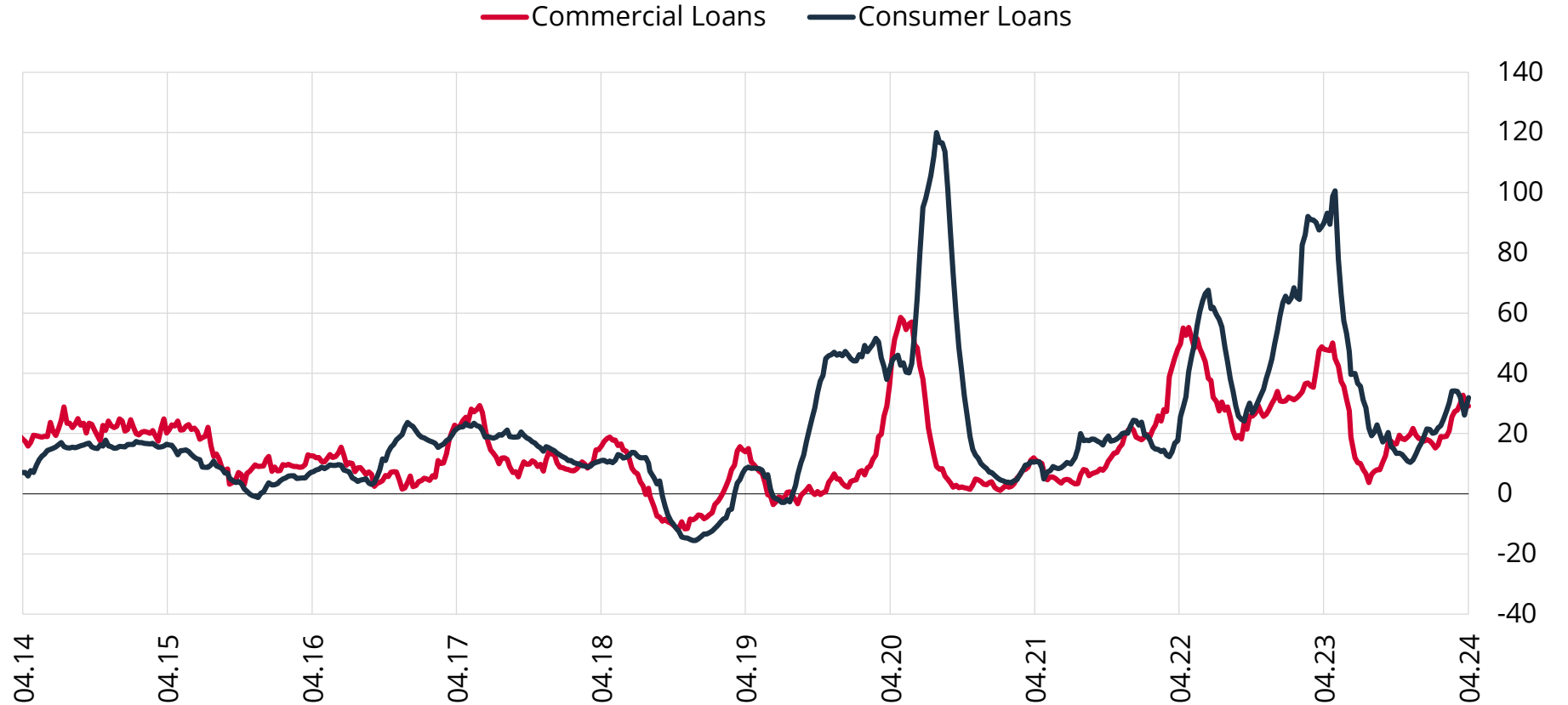
Last Observation: April 19, 2024

The total FX-adjusted credit growth is calculated using the change in TL loans and the change in FX (in terms of currency basket) loans multiplied by the period average of the exchange rate basket. [For the technical note on the exchange rate adjustment methodology, please](#)

* Total banking sector (including participation banks). Loans extended to banks excluded. NPLs excluded.
13 week growth rate of credit stock, adjusted for exchange rate, is annualized.

Commercial and Consumer Loans*

(Adjusted for Exchange Rate, Annualized 13-Week Growth, %)



Source: CBRT

Last Observation: April 19, 2024

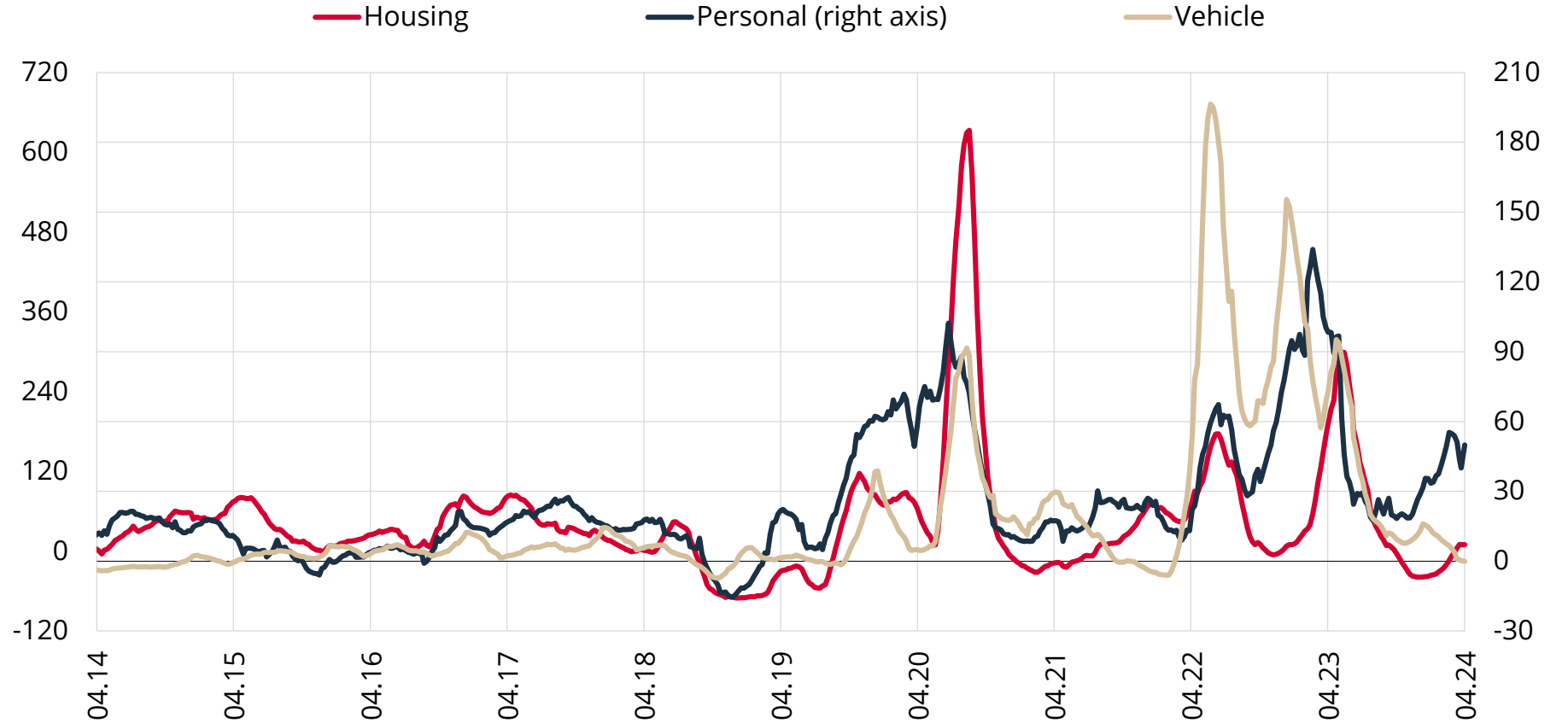
The total FX-adjusted credit growth is calculated using the change in TL loans and the change in FX (in terms of currency basket) loans multiplied by the period average of the exchange rate basket. [For the technical note on the exchange rate adjustment methodology, please see.](#)

* Total banking sector (including participation banks). Loans extended to banks excluded. NPLs excluded.

For commercial loans 13 week growth rate of commercial credit stock which is adjusted for exchange rate and for consumer loans 13 week growth rate of nominal consumer credit stock is annualized.

Consumer Loans*

(Annualized 13-Week Growth, %)

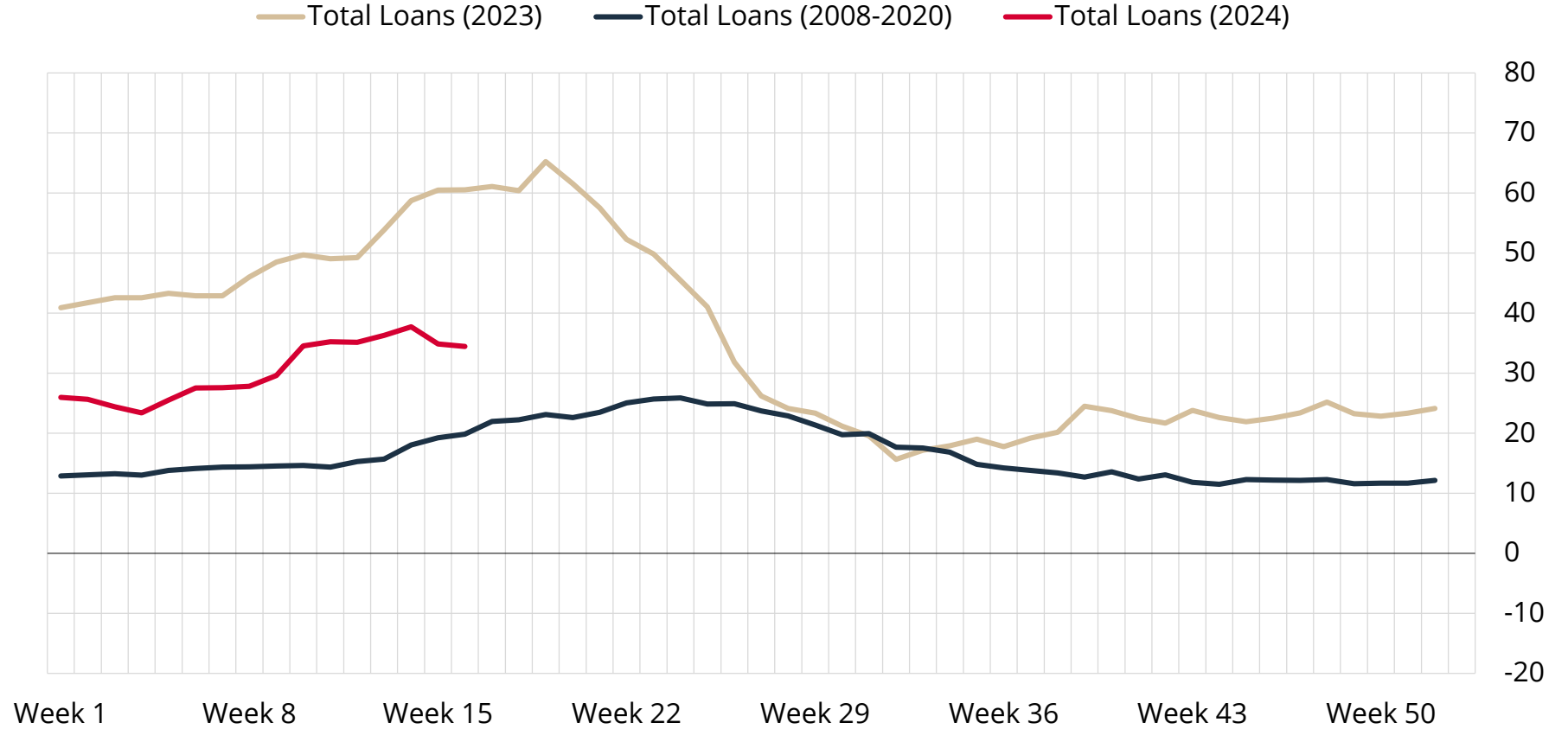


Source: CBRT

Last Observation: April 19, 2024

Total Loans*

(Adjusted for Exchange Rate, Annualized 13-Week Growth, %)



Source: CBRT

Last Observation: April 19, 2024

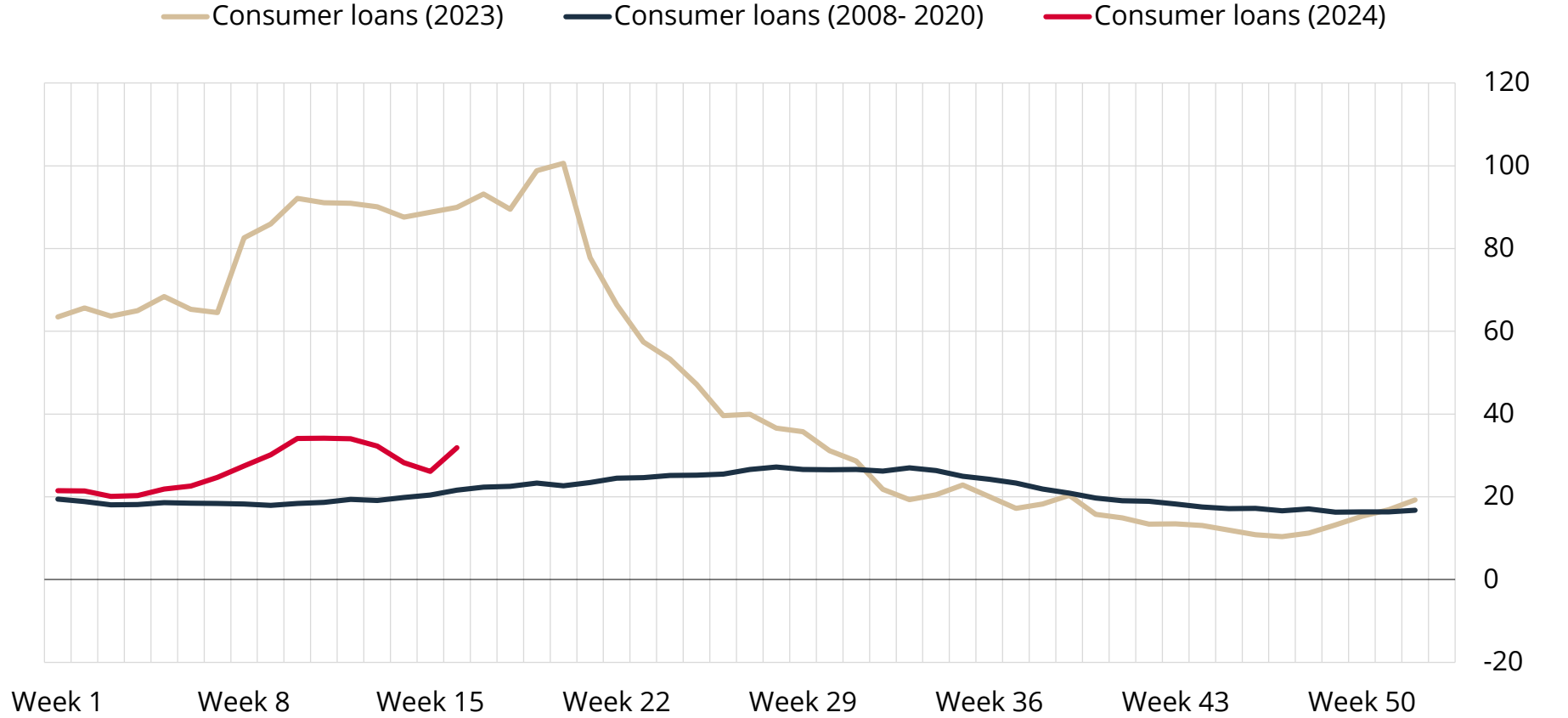
The total FX-adjusted credit growth is calculated using the change in TL loans and the change in FX (in terms of currency basket) loans multiplied by the period average of the exchange rate basket. [For the technical note on the exchange rate adjustment methodology, please see.](#)

* Total banking sector (including participation banks). Loans extended to banks excluded. NPLs excluded.

13 week growth rate of credit stock, adjusted for exchange rate, is annualized.

Consumer Loans*

(Annualized 13-Week Growth, %)



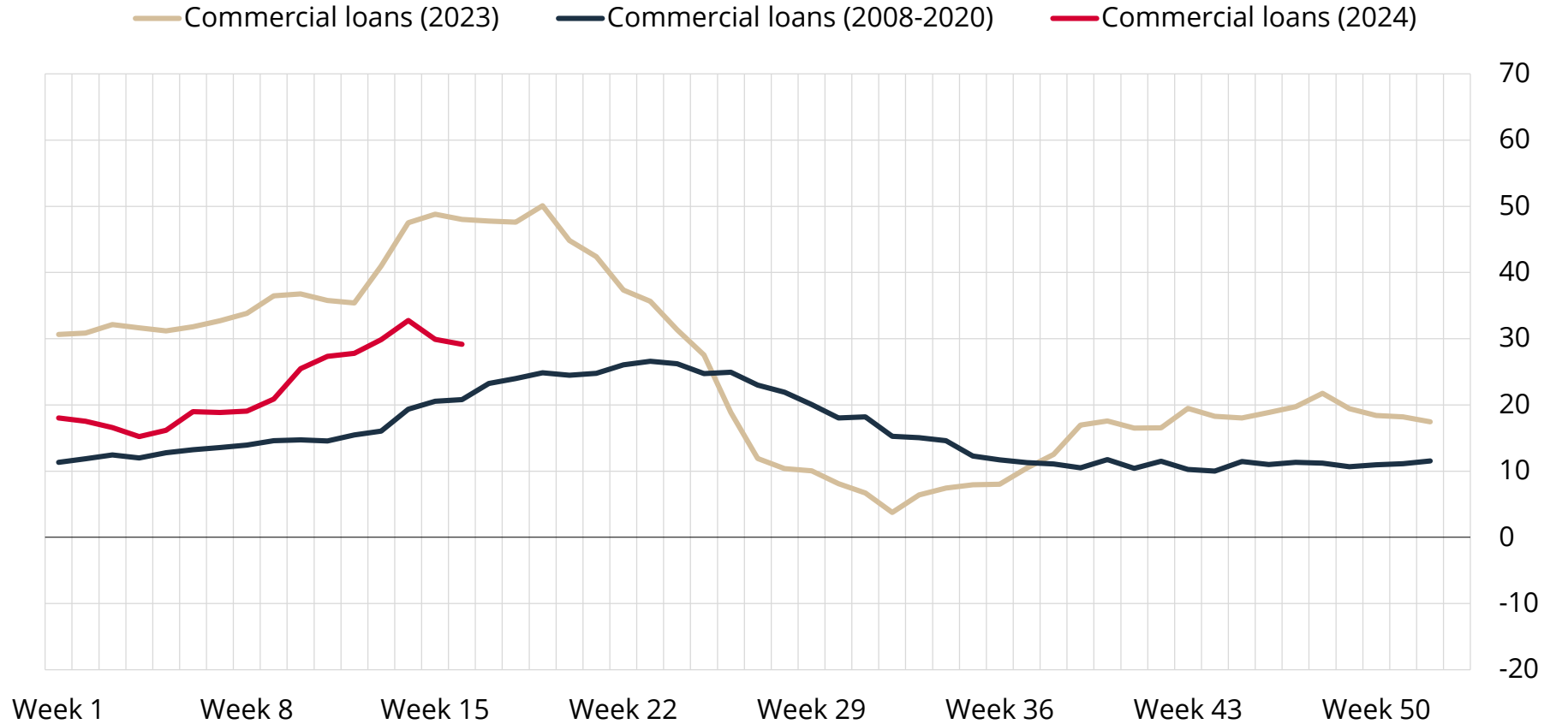
Source: CBRT

Last Observation: April 19, 2024

* Total banking sector (including participation banks). Loans extended to banks excluded. NPLs excluded. 13 week growth rate of credit stock is annualized.

Commercial Loans*

(Adjusted for Exchange Rate, Annualized 13-Week Growth, %)



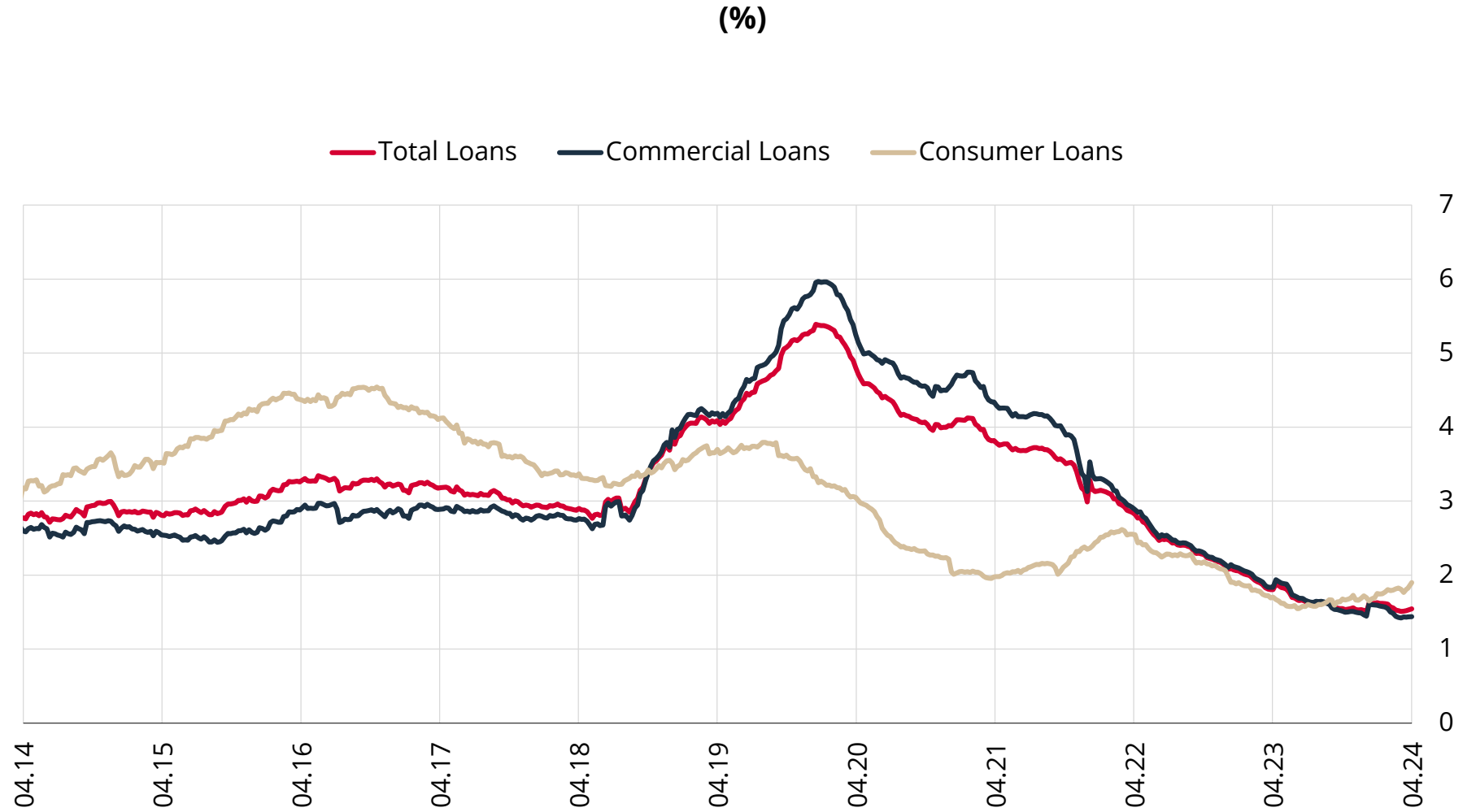
Source: CBRT

Last Observation: April 19, 2024

The total FX-adjusted credit growth is calculated using the change in TL loans and the change in FX (in terms of currency basket) loans multiplied by the period average of the exchange rate basket. **For the technical note on the exchange rate adjustment methodology, please see.**

* Total banking sector (including participation banks). Loans extended to banks excluded. NPLs excluded.
For commercial loans 13 week growth rate of credit stock, adjusted for exchange rate, is annualized.

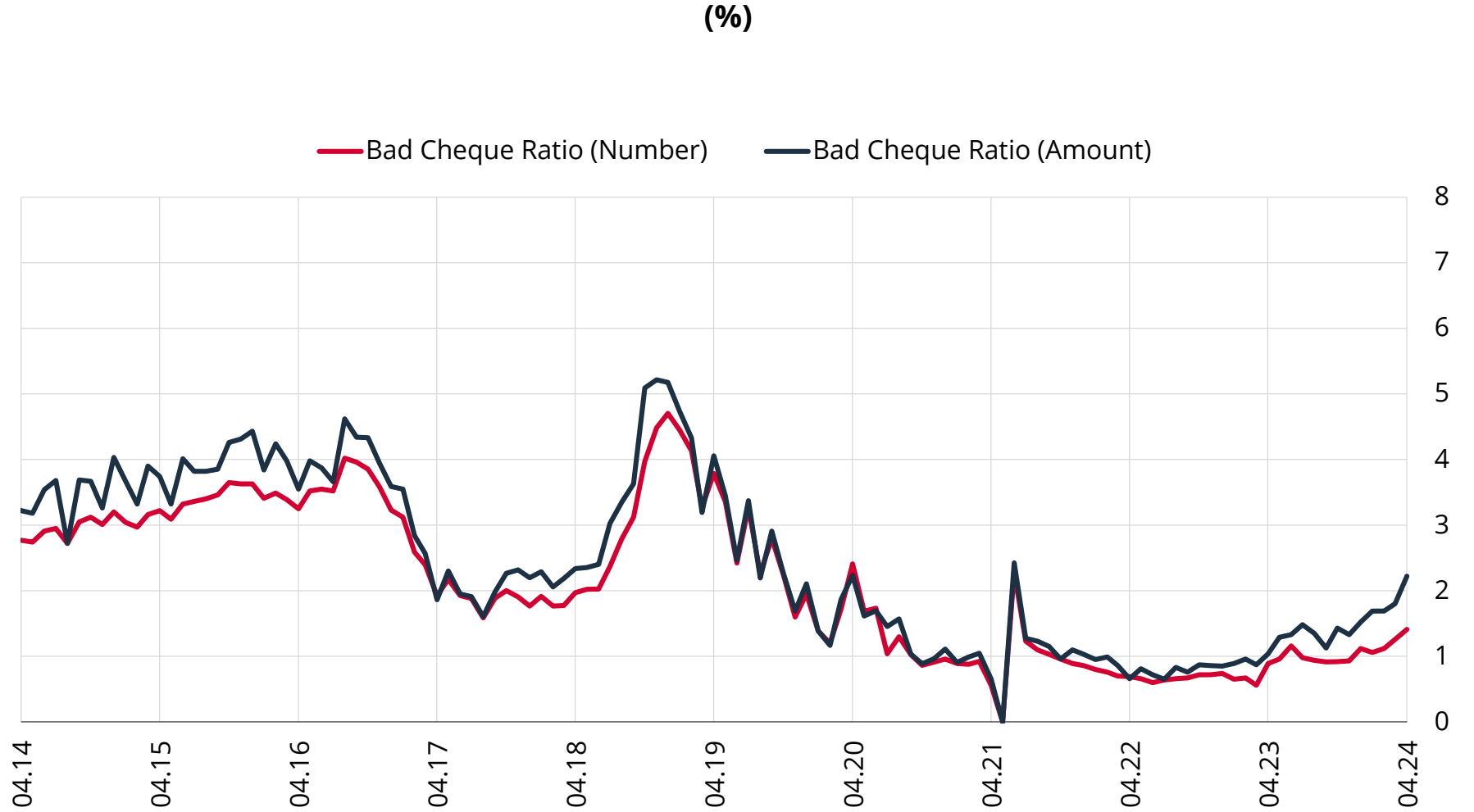
Non-Performing Loans



Source: CBRT

Last Observation: April 19, 2024

Bad Cheque Ratio

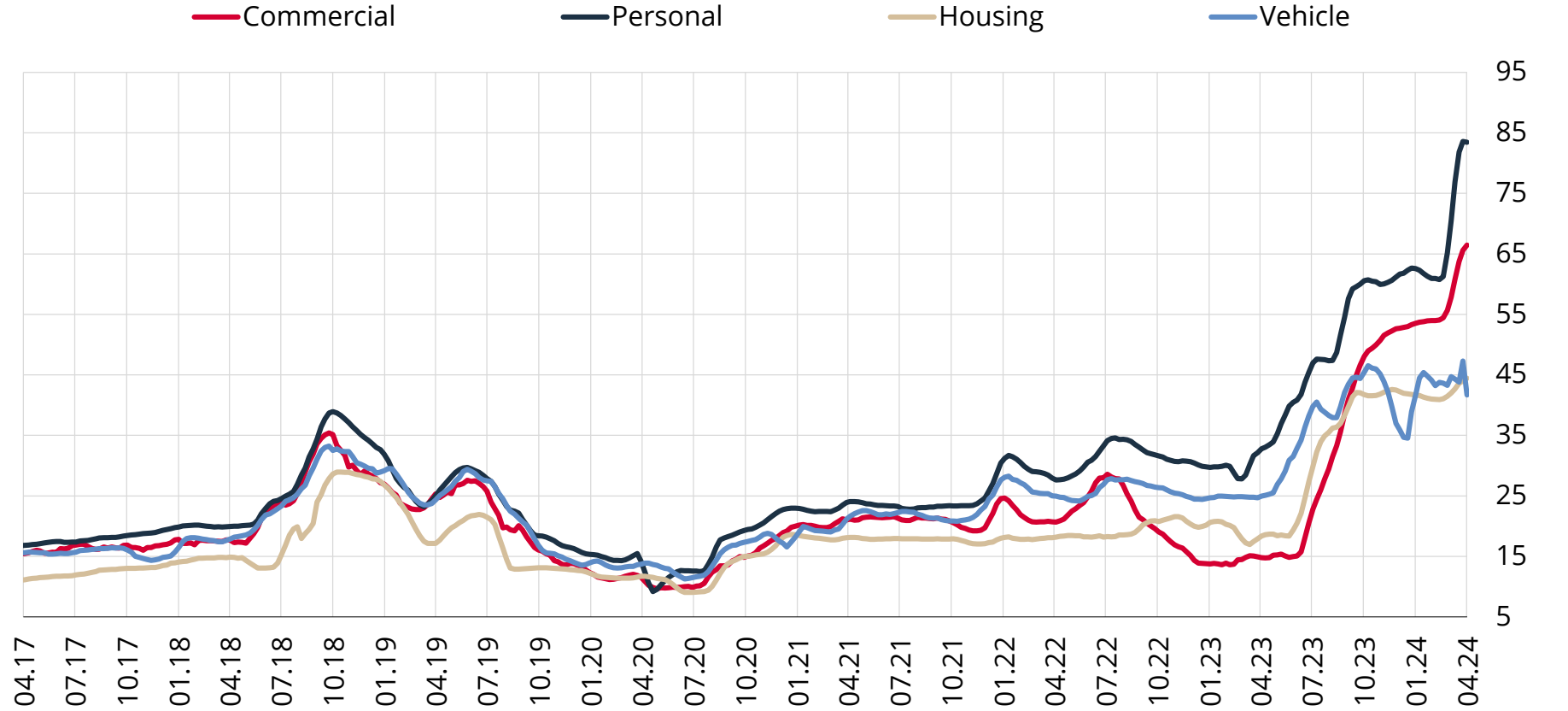


Source: CBRT

Last Observation: April 2024

Loan Rates

(Flow, Annualized, %, 4 Week-Average)

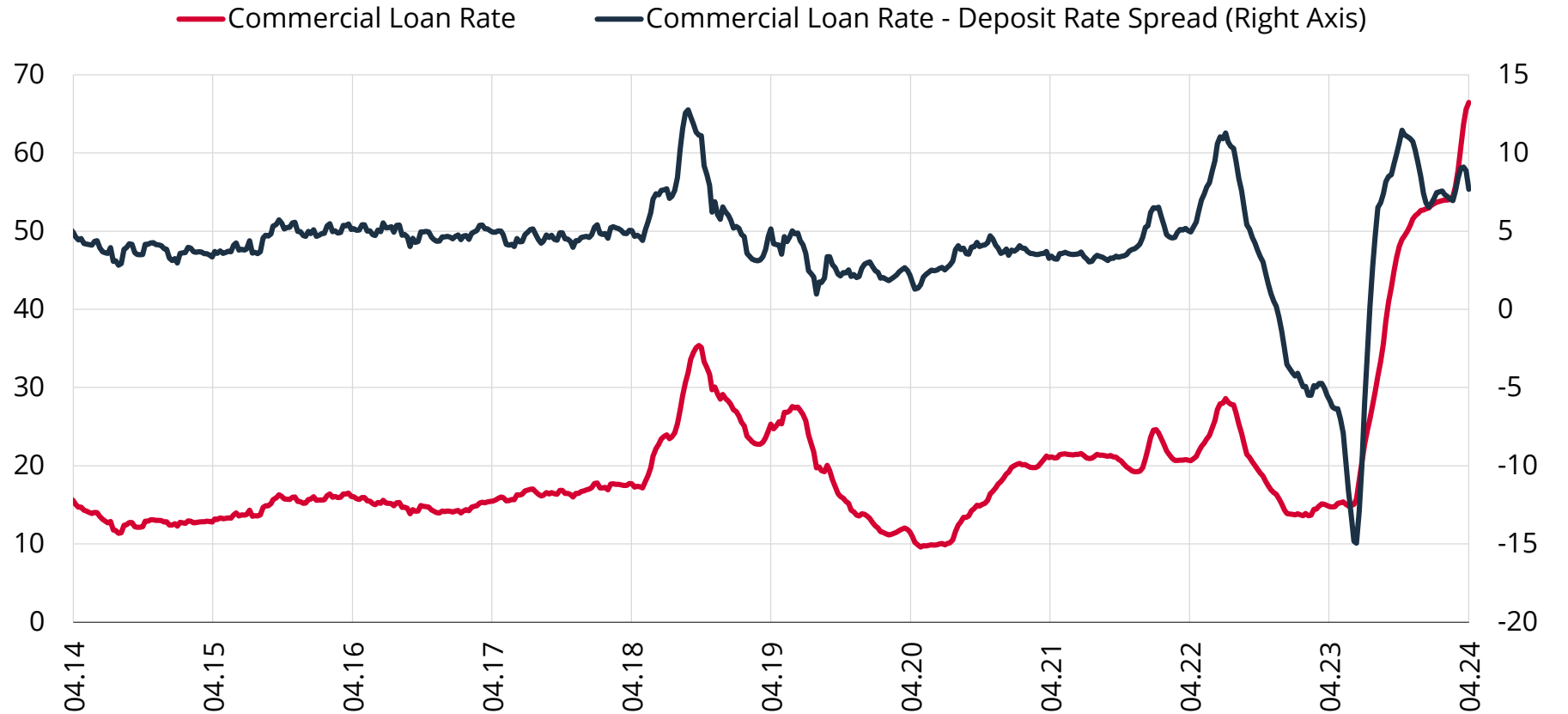


Source: CBRT

Last Observation: April 19, 2024

Loan Rates

(Flow, %, 4 Week-Average)

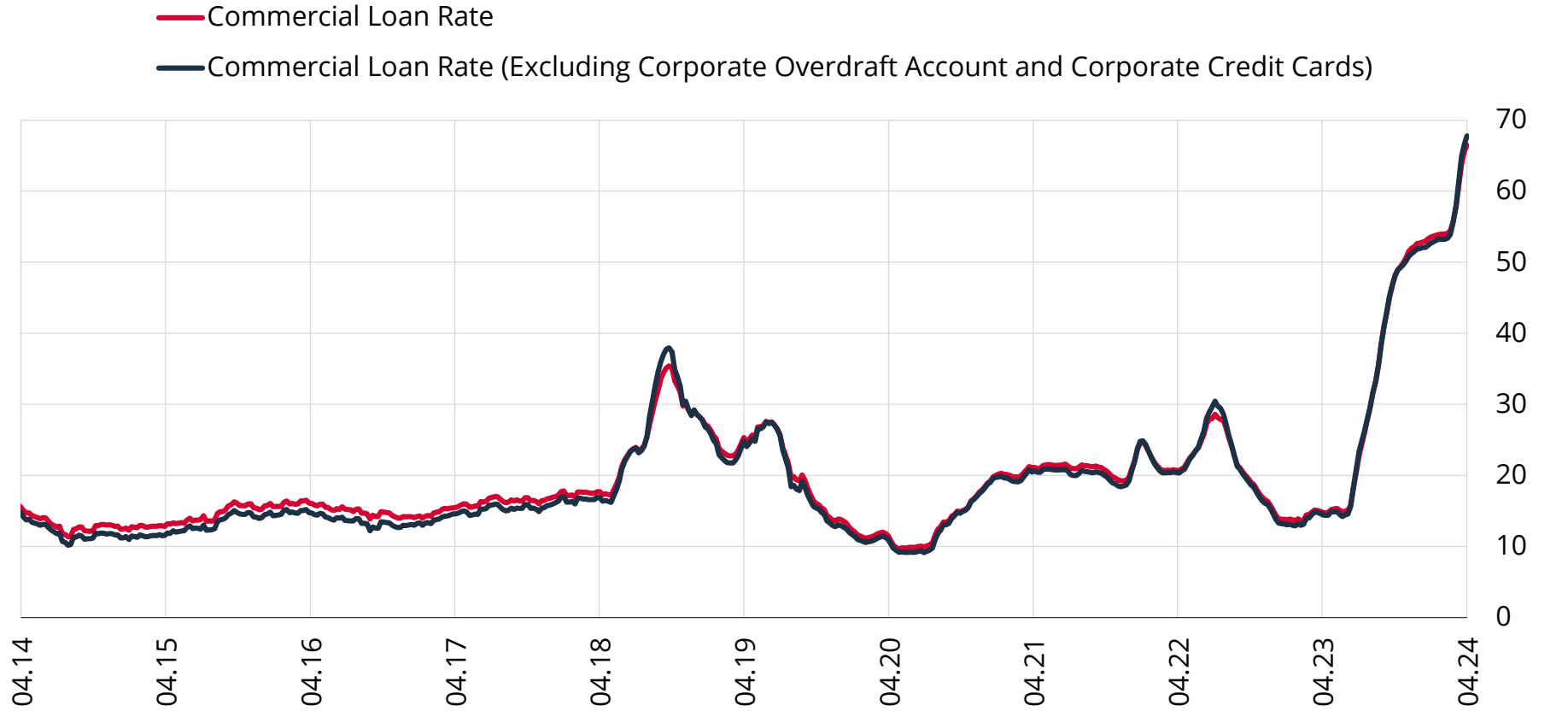


Source: CBRT

Last Observation: April 19, 2024

Loan Rates

(Flow, %, 4 Week-Average)

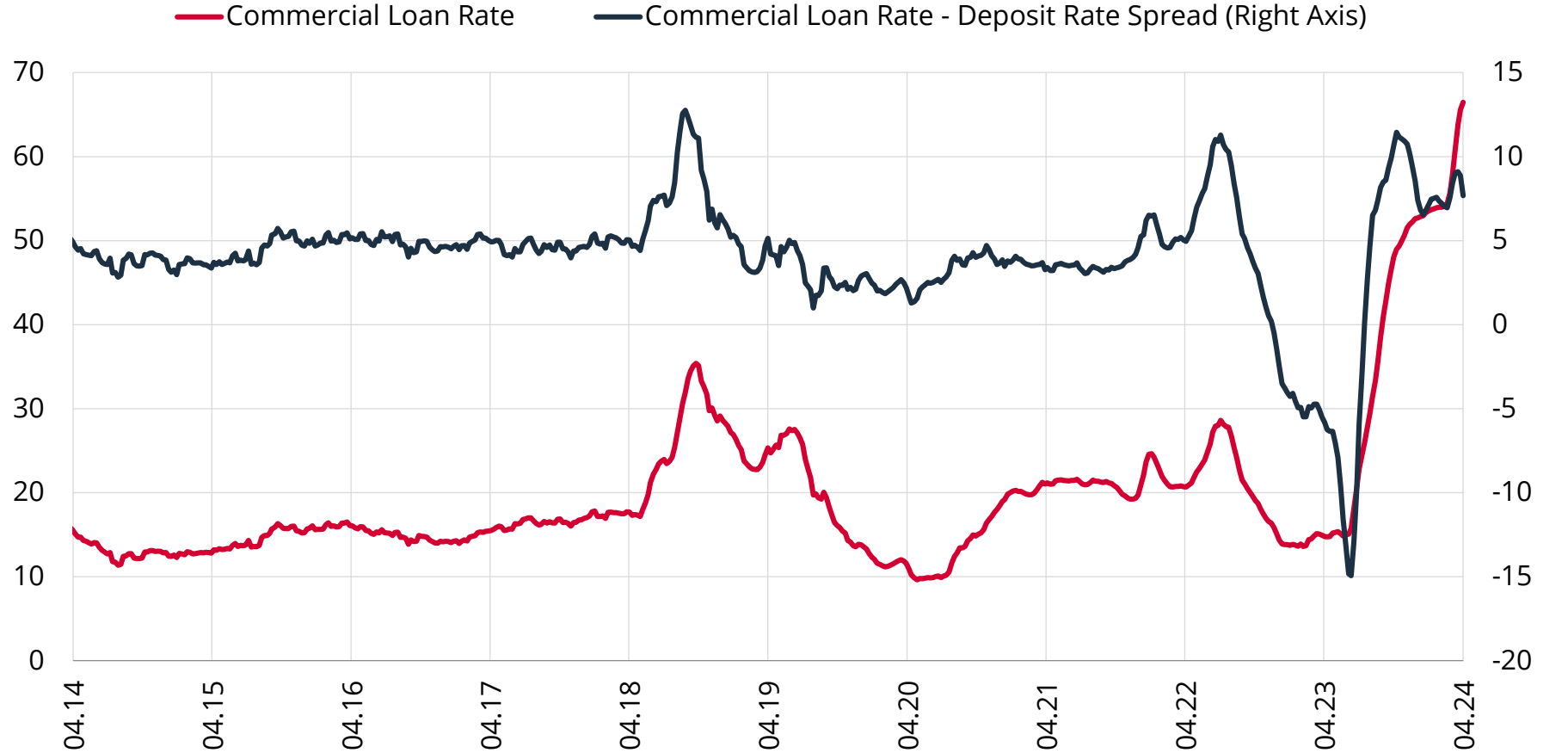


Source: CBRT

Last Observation: April 19, 2024

TL Commercial Loan Rate-Deposit Rate Spread

(Flow, %, 4 Week-Average)

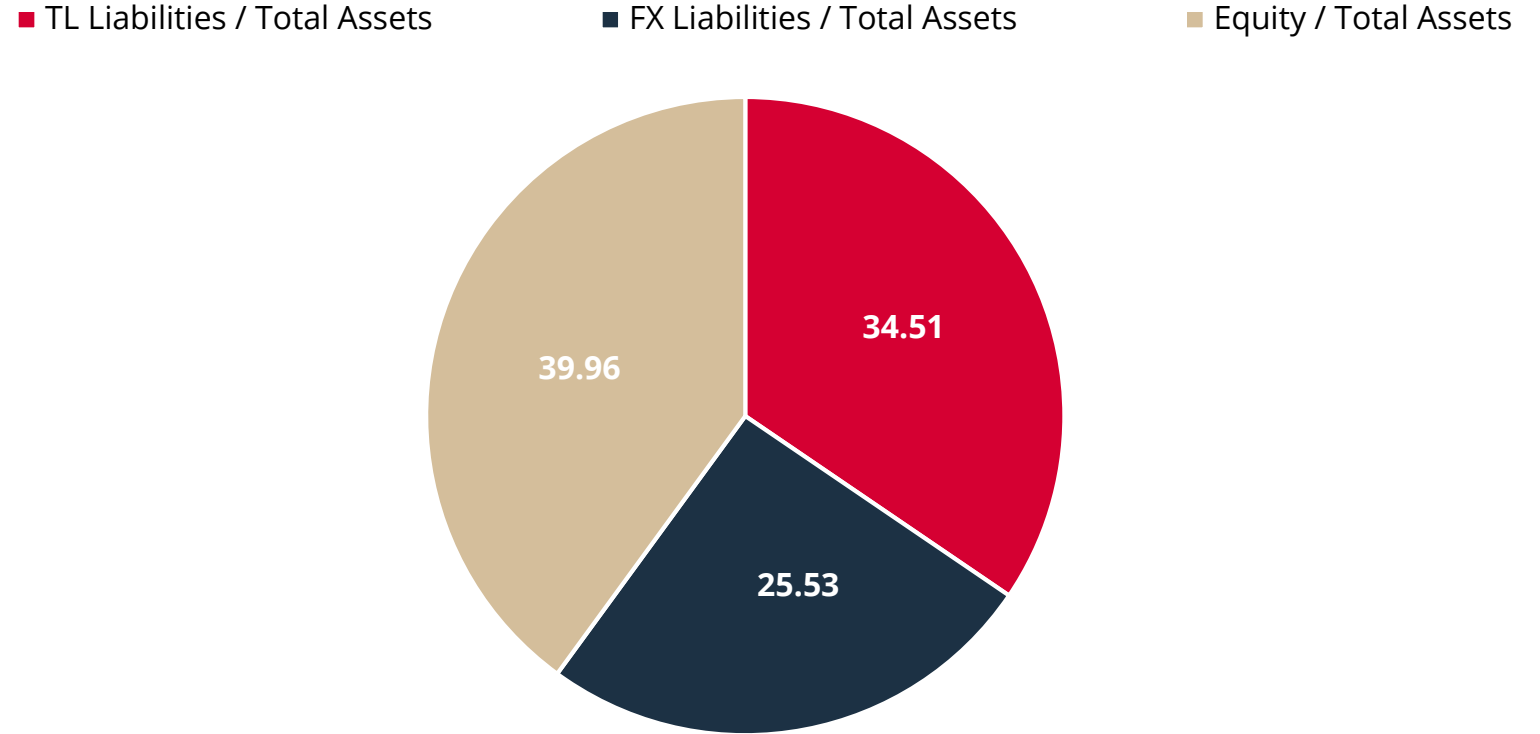


Source: CBRT

Last Observation: April 19, 2024

Indebtedness and Leverage Ratios of Non-Financial Companies Listed on BIST

Liabilities and Equity to Total Assets (% Share)^{1,2}



Source: CBRT

Last Observation: September 2023

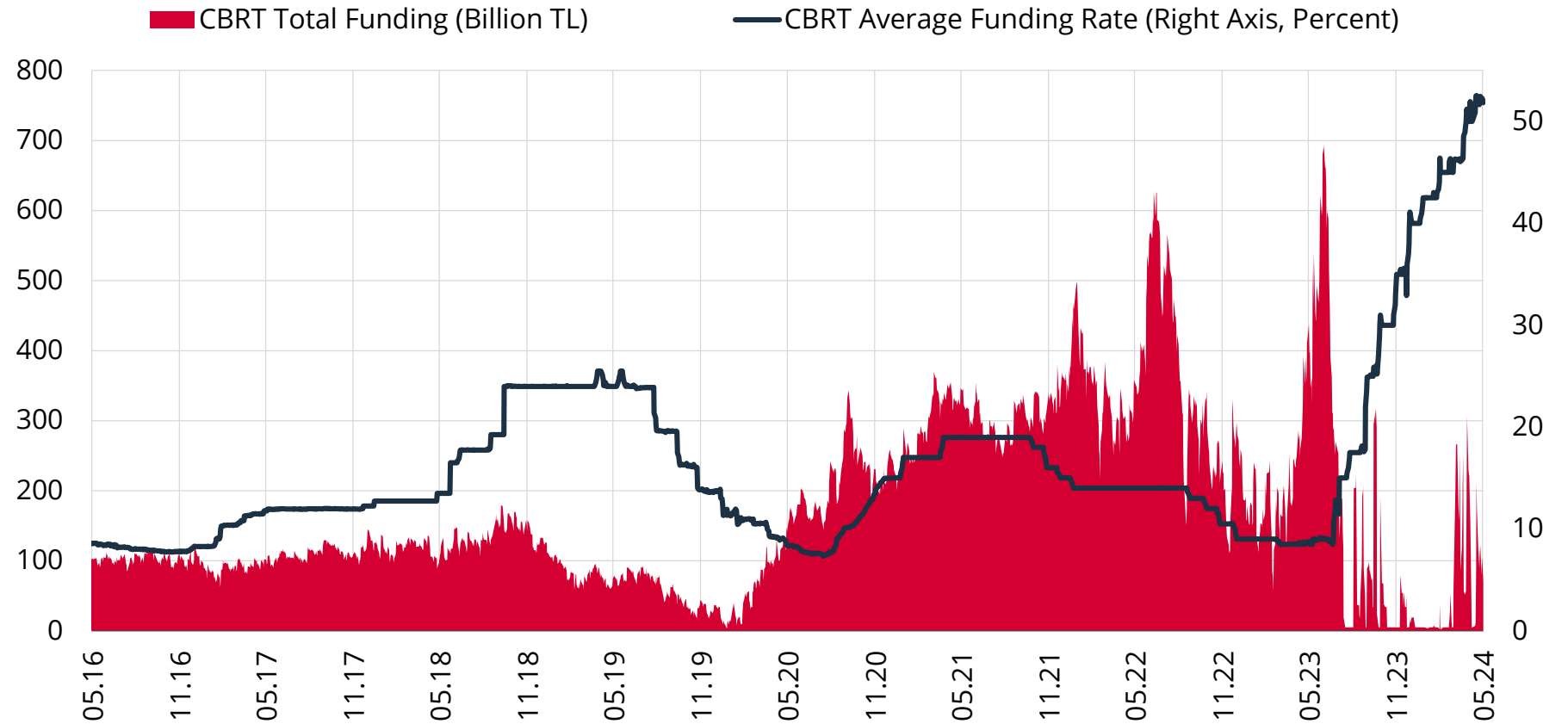
¹ Including data for 400 non-financial corporations listed on BIST.

² Non-financial companies using FX functional currency, financial institutions and conglomerates are excluded from this sample.

FINANCIAL MARKETS DEVELOPMENTS

Average Funding Cost of CBRT

Average Funding Cost of CBRT

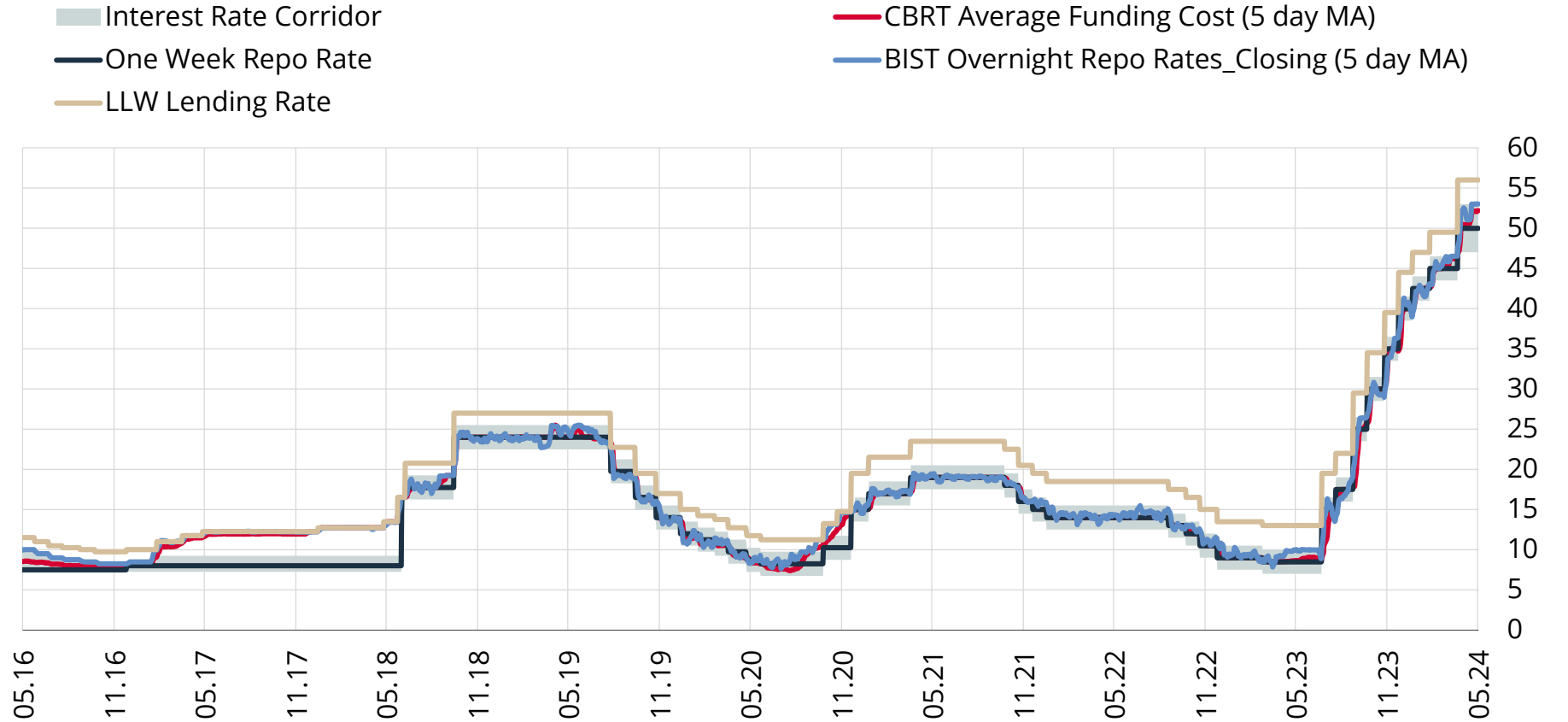


Source: CBRT

Observation Date: May 2, 2024

CBRT Rates and BIST Overnight Rates

CBRT Rates and BIST Overnight Rates (%)

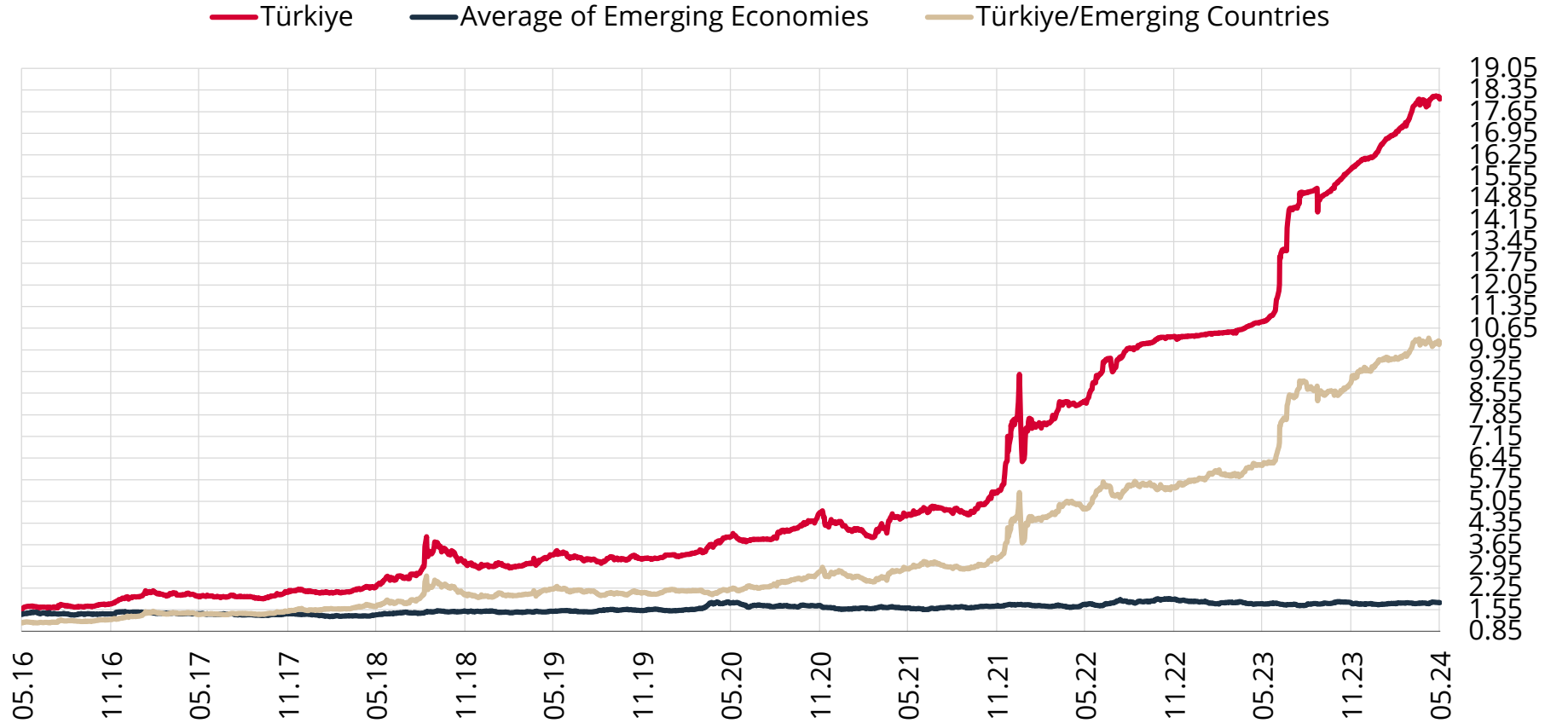


Source: CBRT

Observation Date: May 2, 2024

Turkish Lira and Emerging Market Currencies

Turkish Lira and Emerging Market Currencies (01.11.2011=1, values vis-a-vis USD)



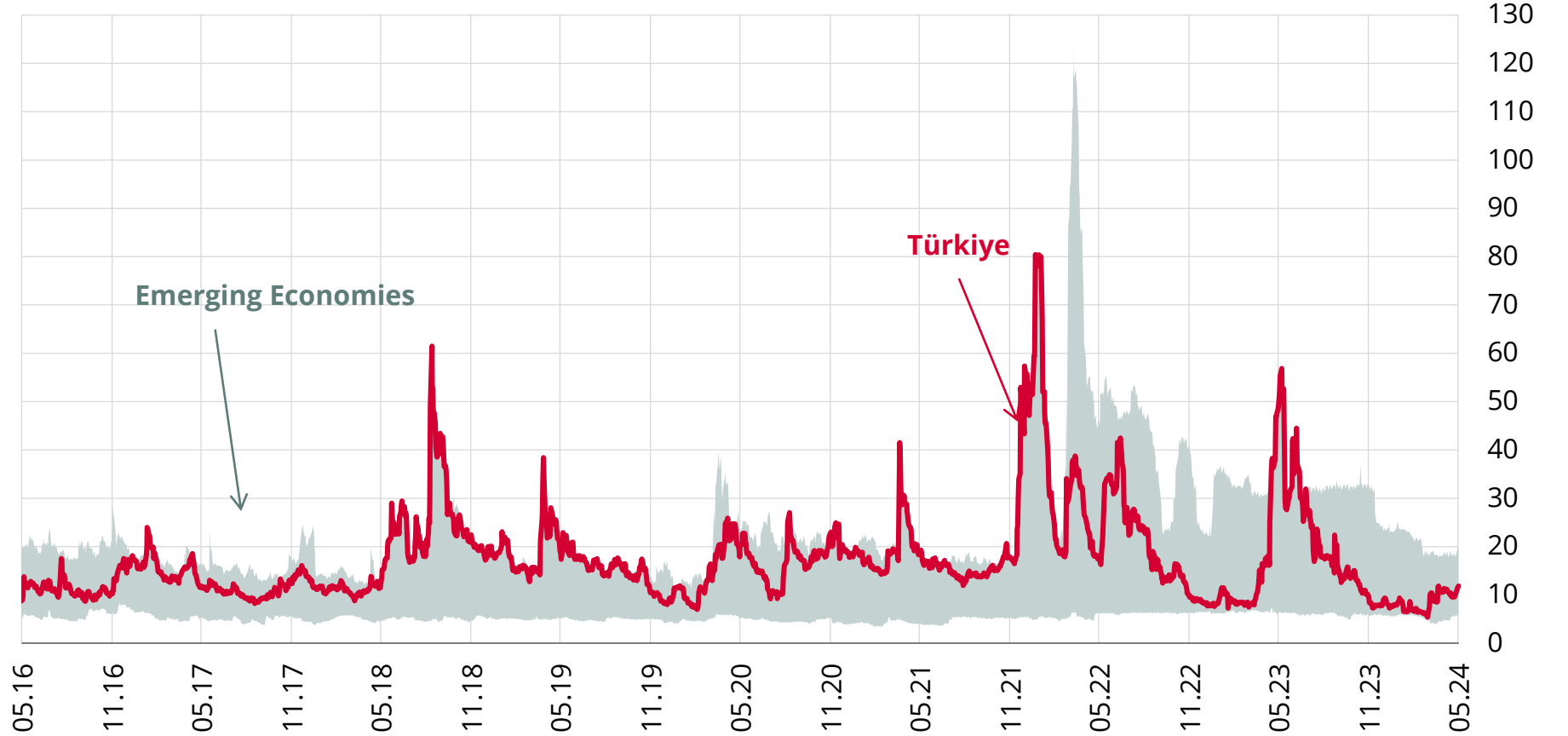
Source: Bloomberg, CBRT

Observation Date: May 2, 2024

Emerging market currencies include Brazil, Chile, Colombia, Hungary, Malaysia, Mexico, Poland, Philippines, South Africa, Indonesia, Romania against USD.

Implied FX Volatility

Implied FX Volatility (1 month)

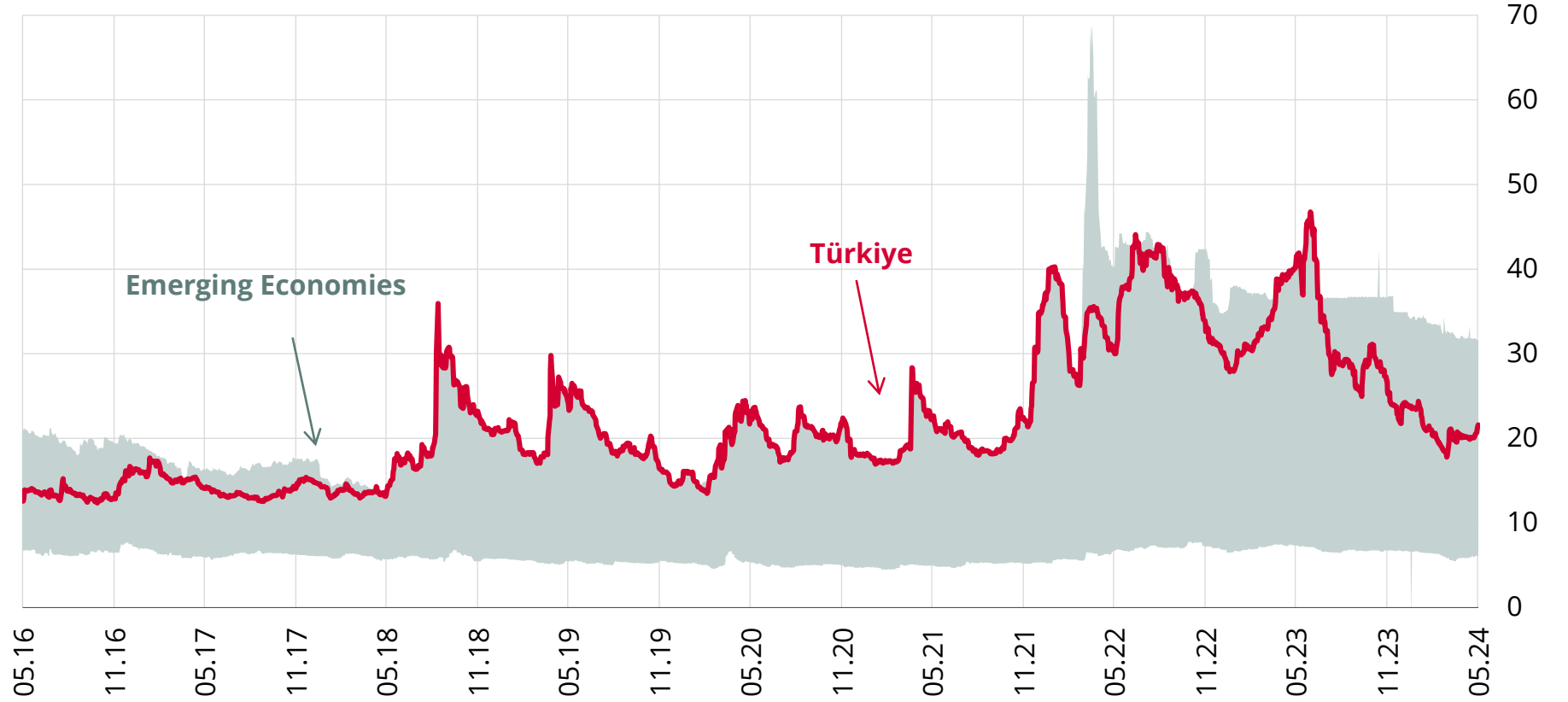


Source: Bloomberg

Observation Date: May 2, 2024

Implied FX Volatility

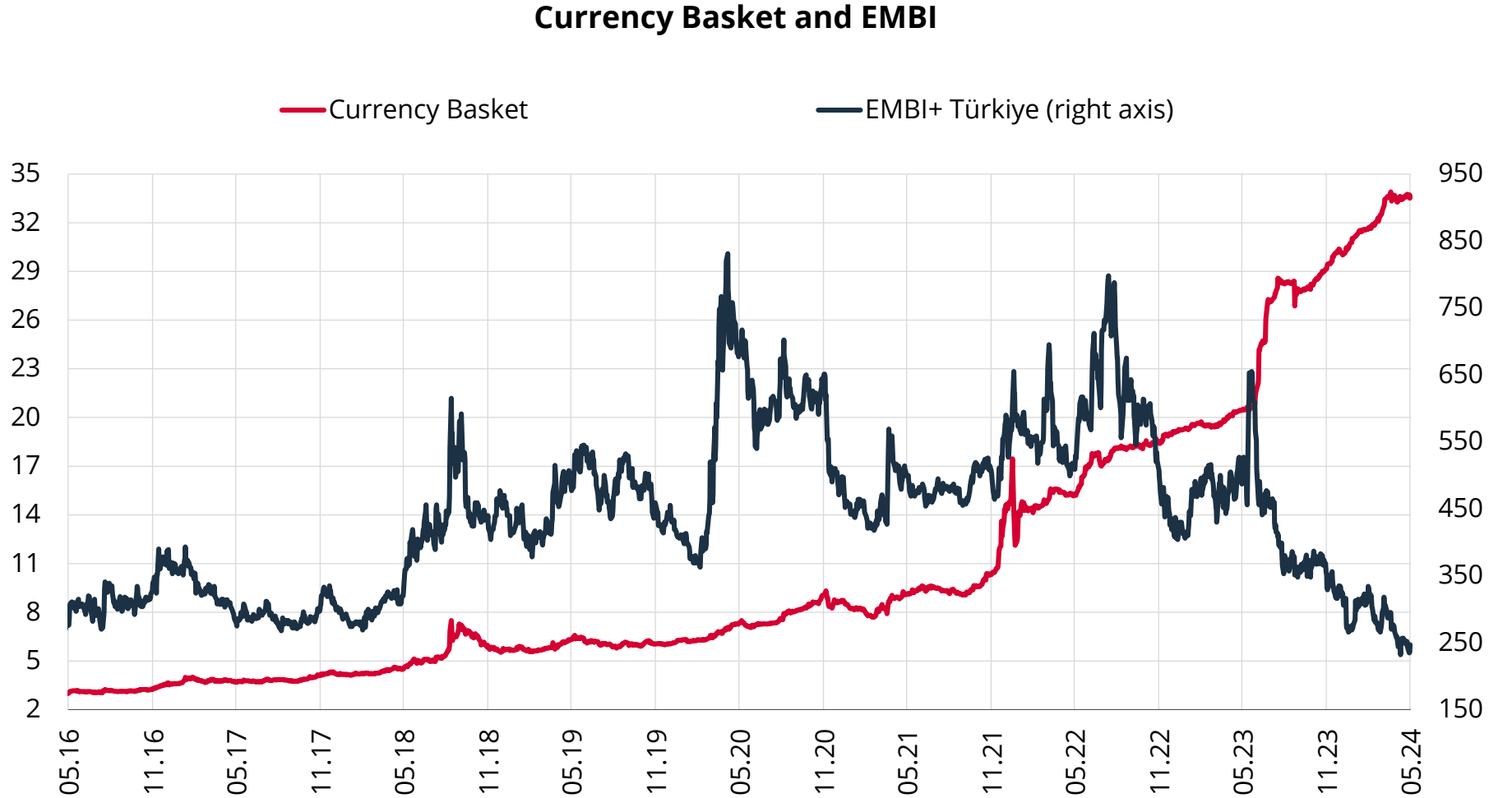
Implied FX Volatility (12 months)



Source: Bloomberg

Observation Date: May 2, 2024

Currency Basket and EMBI

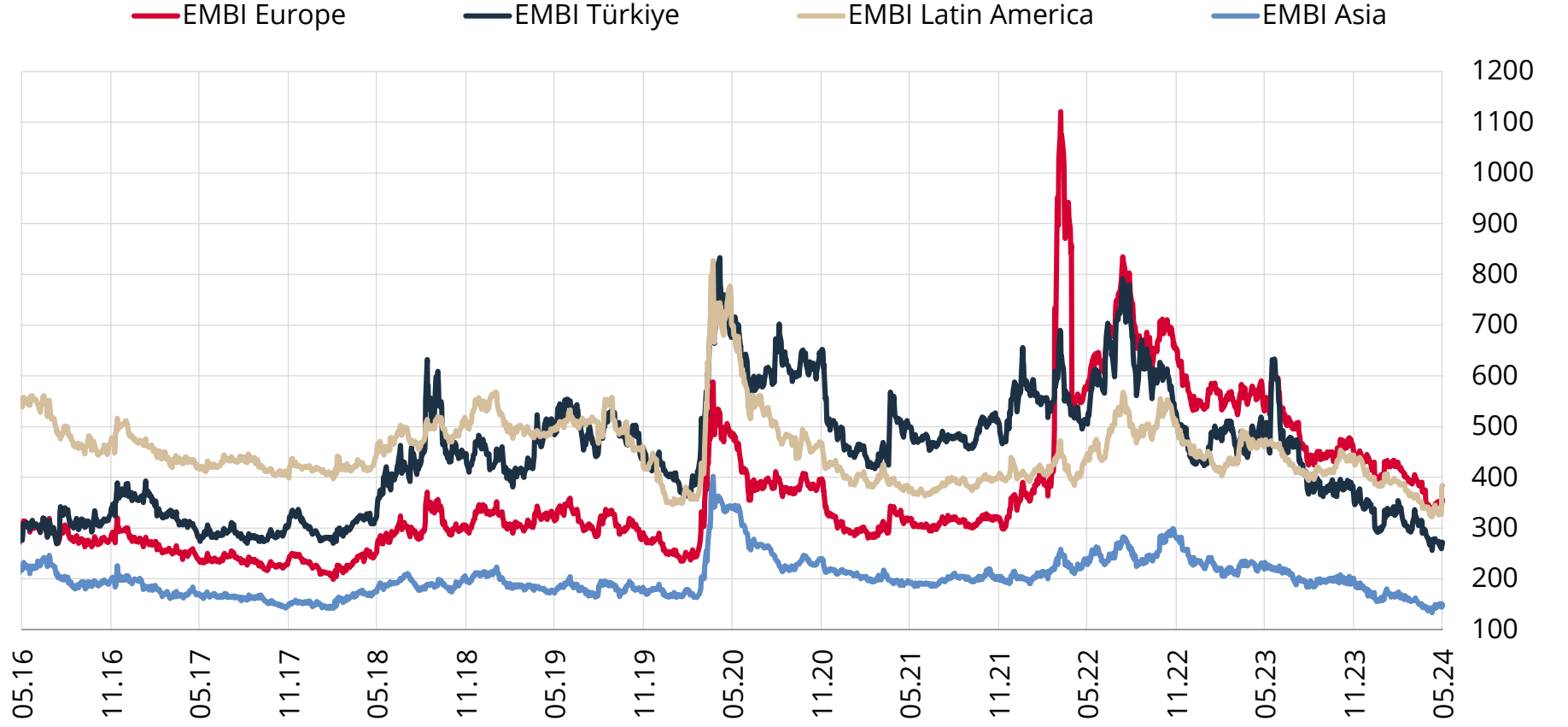


Source: Bloomberg, CBRT

Observation Date: May 2, 2024

EMBI Global

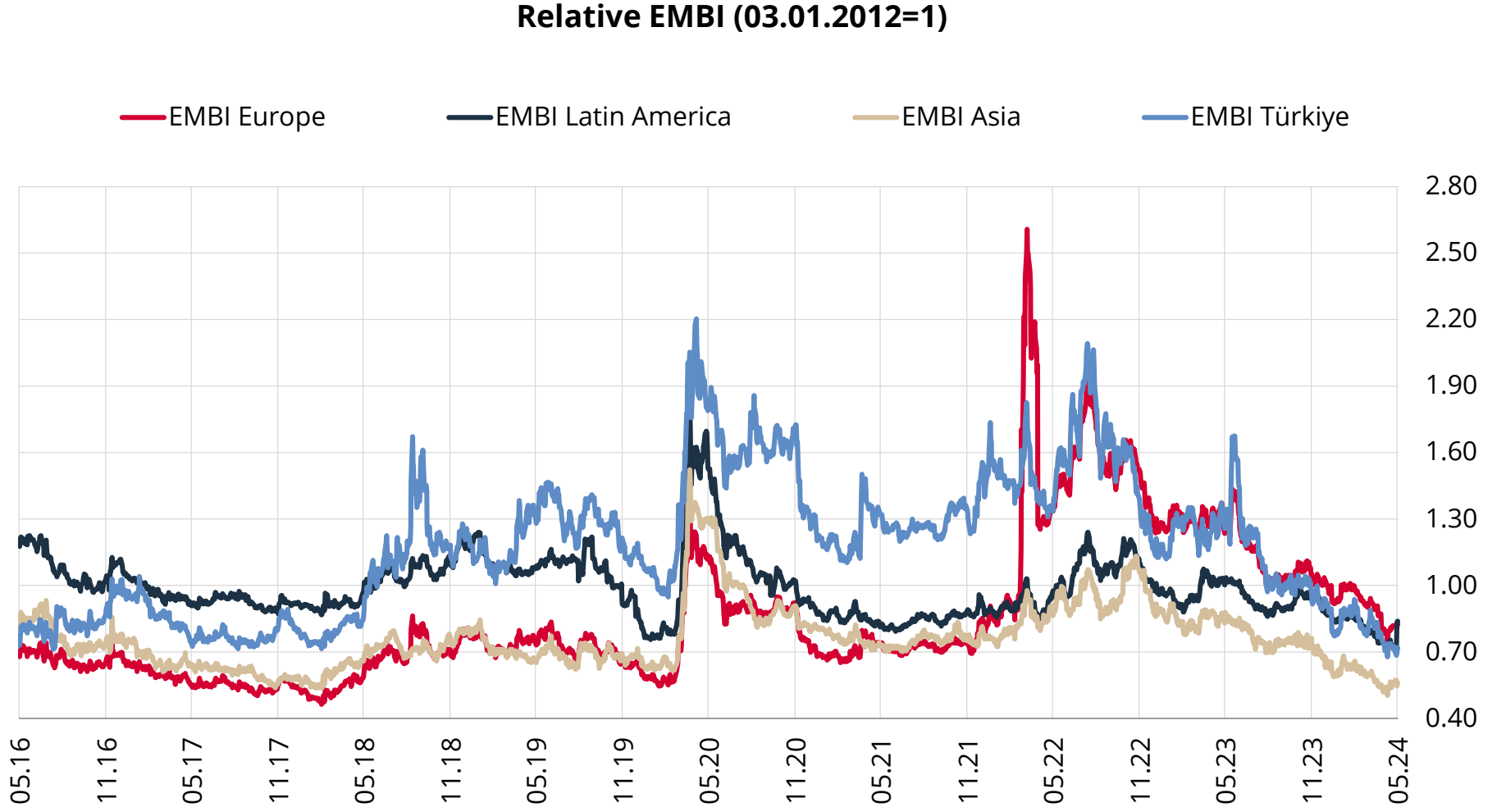
EMBI Global



Source: Bloomberg

Observation Date: May 2, 2024

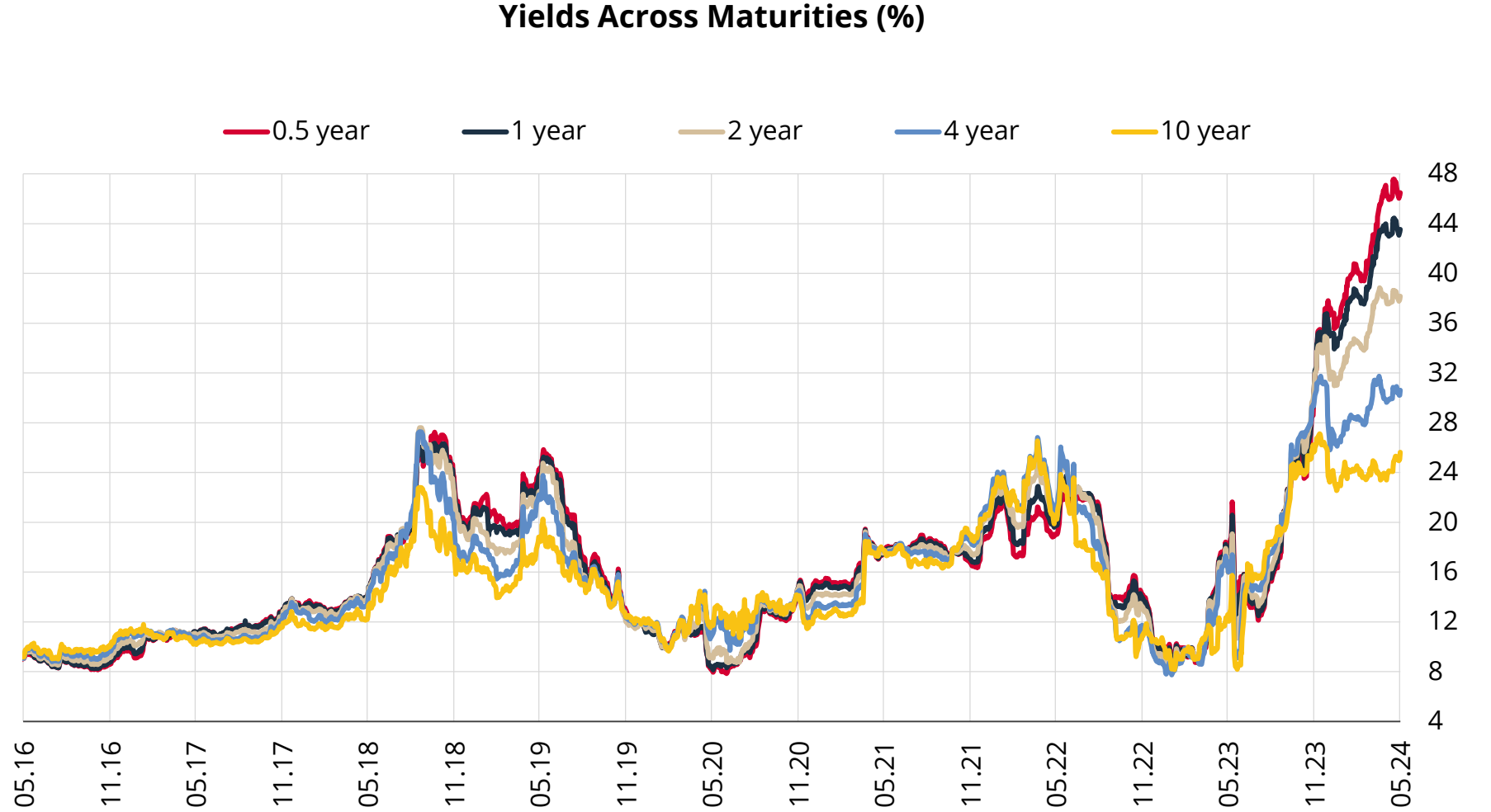
Relative EMBI



Source: Bloomberg

Observation Date: May 2, 2024

Yields Across Maturities



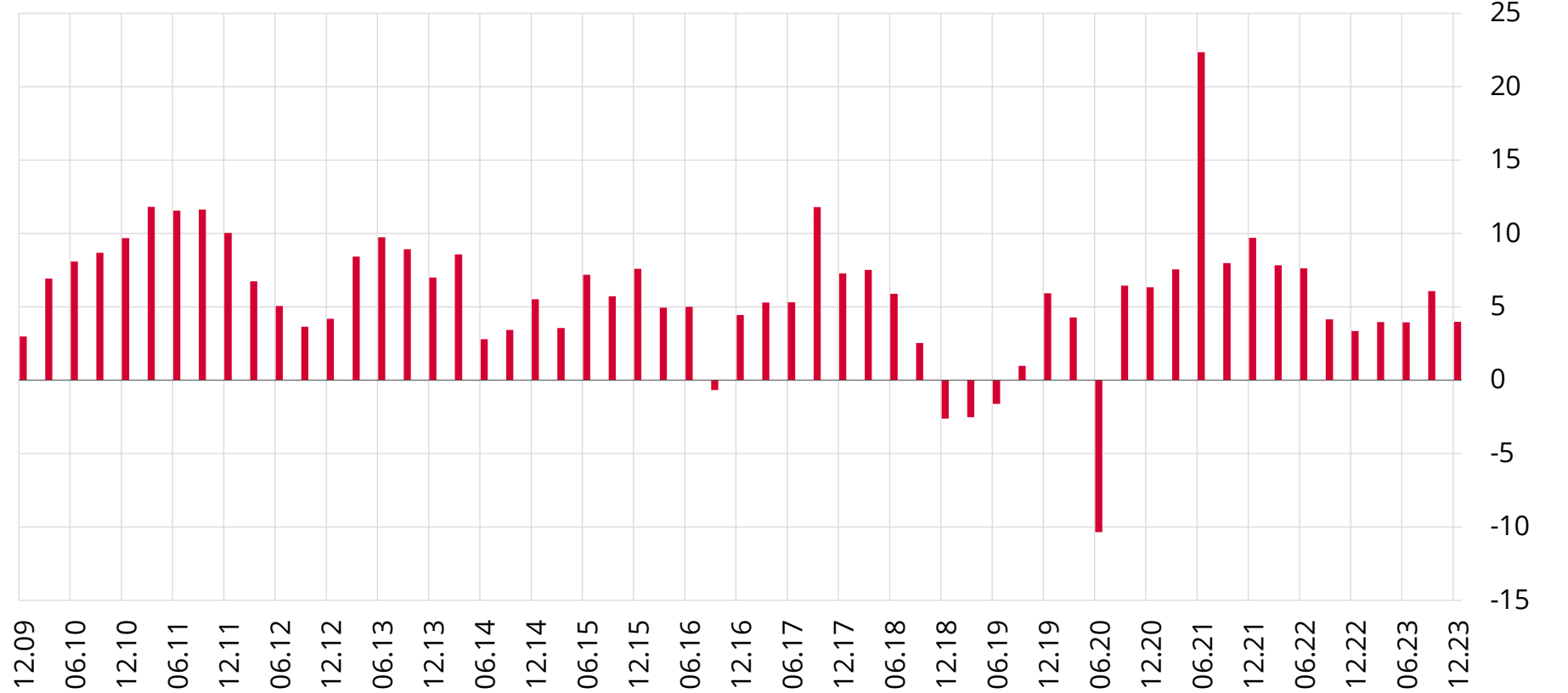
Source: Bloomberg

Observation Date: May 2, 2024

ECONOMIC ACTIVITY DEVELOPMENTS

Annual GDP Growth

(% Change)

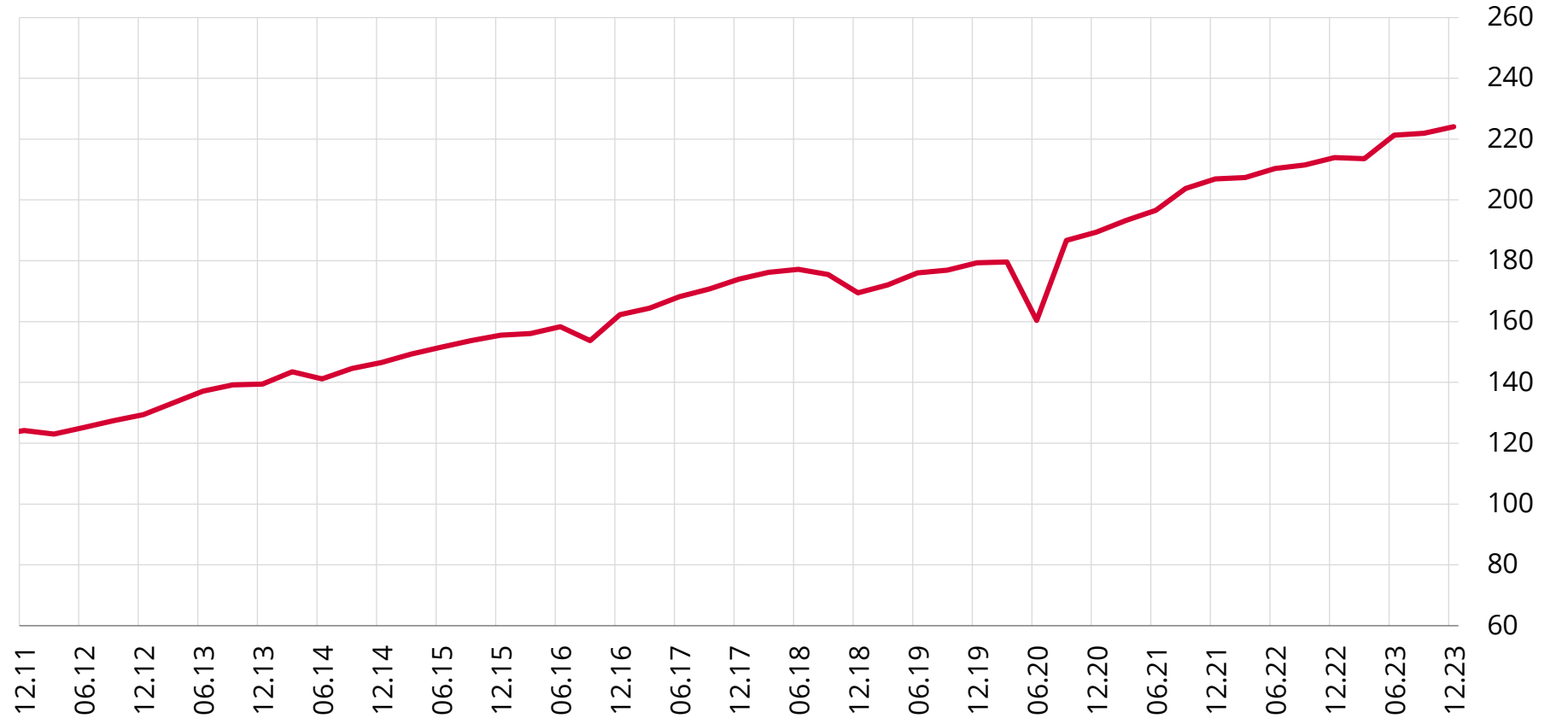


Source: TURKSTAT

Last Observation: 2023Q4

GDP

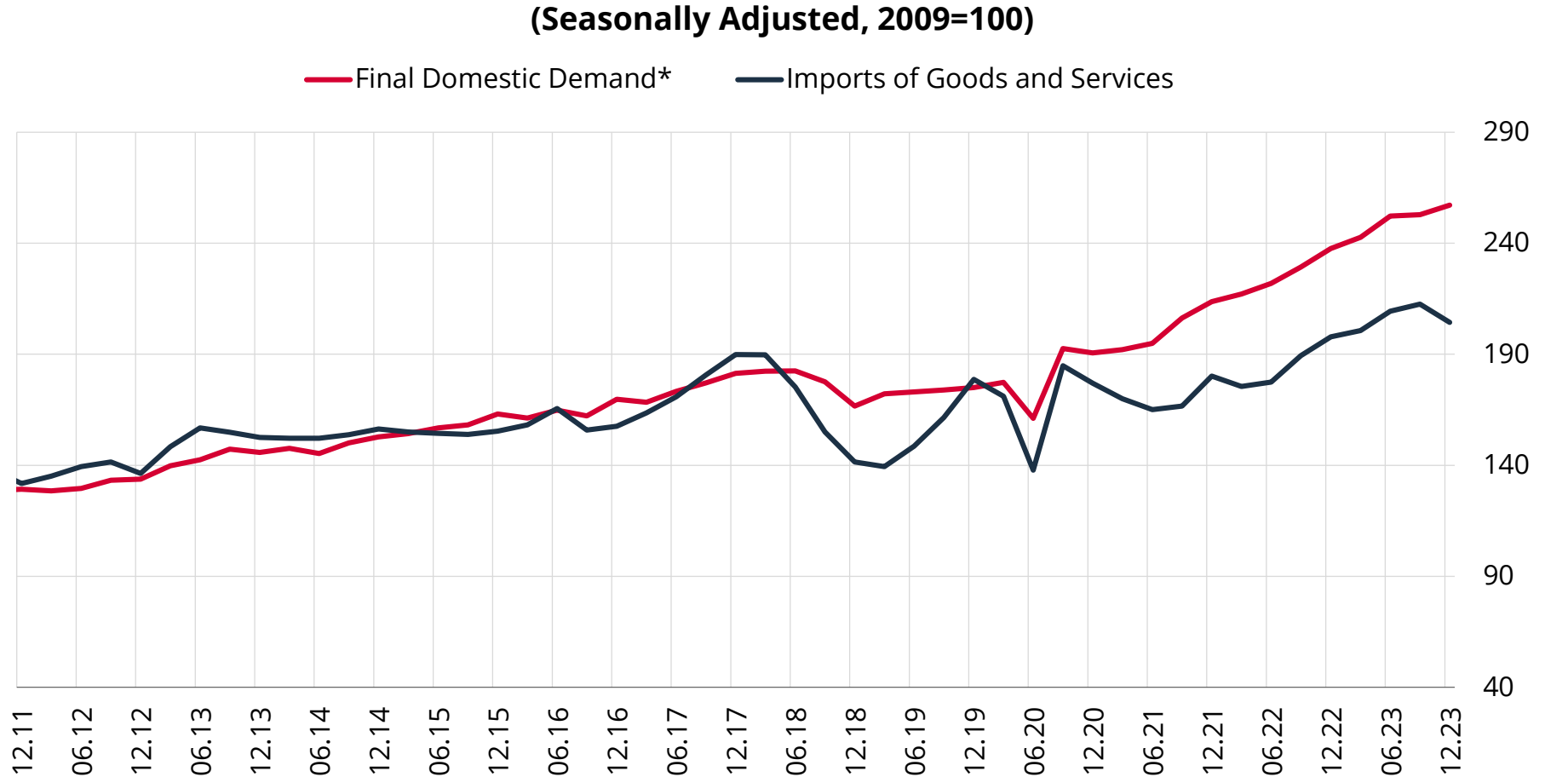
(Seasonally Adjusted, 2009=100)



Source: TURKSTAT

Last Observation: 2023Q4

Final Domestic Demand and Imports



Source: CBRT, TURKSTAT

Last Observation: 2023Q4

* Final domestic demand approximately calculated by CBRT

Imports and Exports

(Seasonally Adjusted, 2009=100)

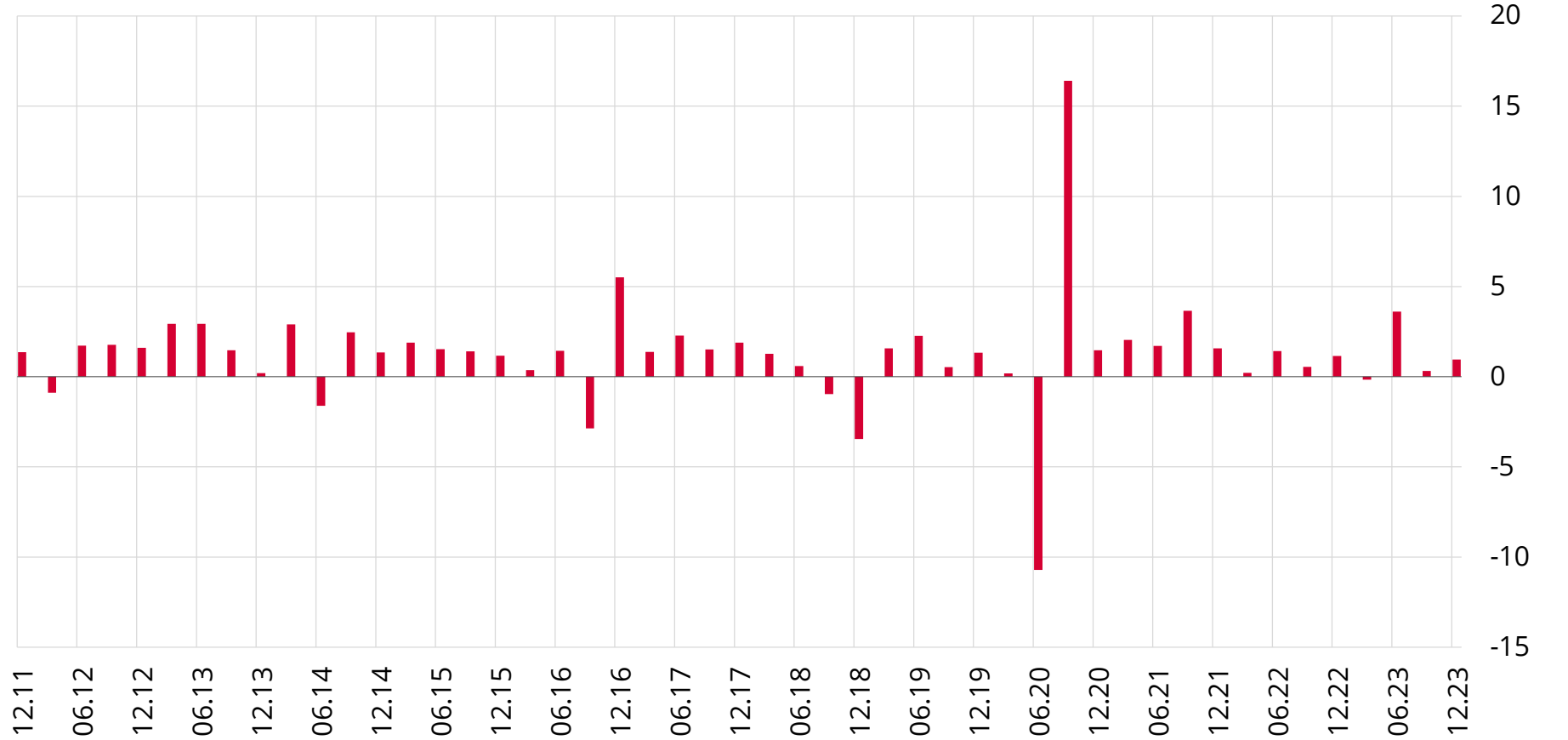


Source: TURKSTAT

Last Observation: 2023Q4

Quarterly Growth of GDP

(Seasonally Adjusted, %)

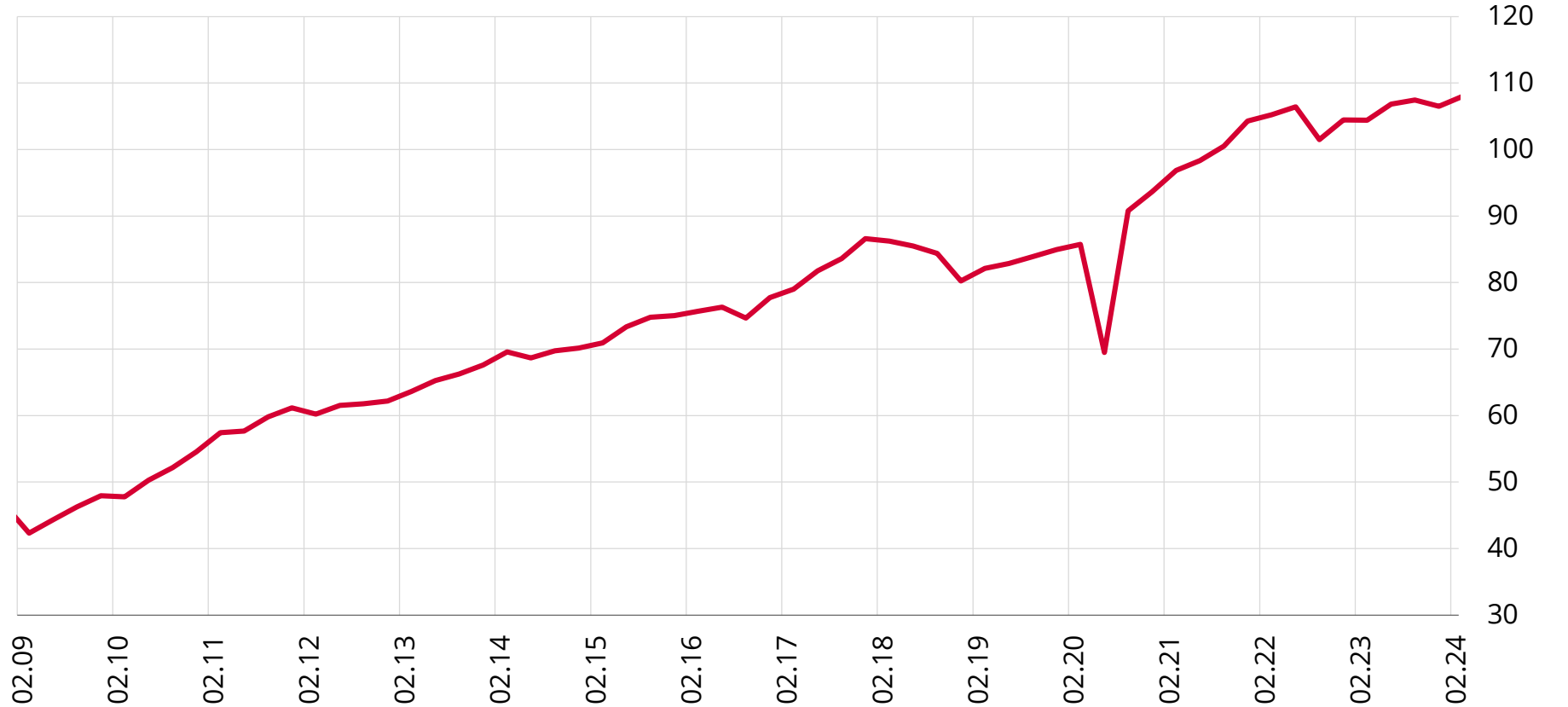


Source: TURKSTAT

Last Observation: 2023Q4

Industrial Production Index

(Seasonally Adjusted, Quarterly Average, 2021=100)

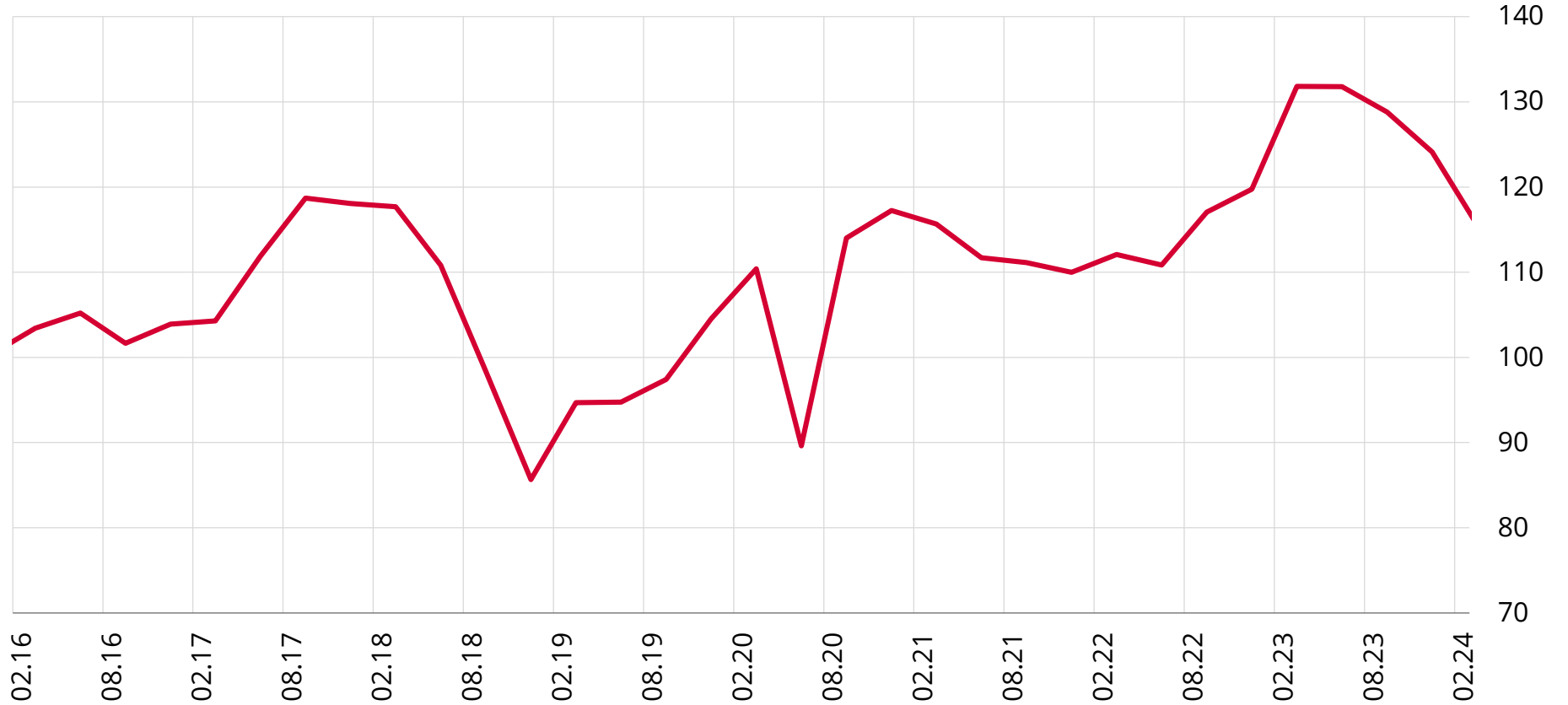


Source: TURKSTAT

Last Observation: February 2024

Import Quantity Index

(Seasonally Adjusted, Quarterly Average, 2015=100)

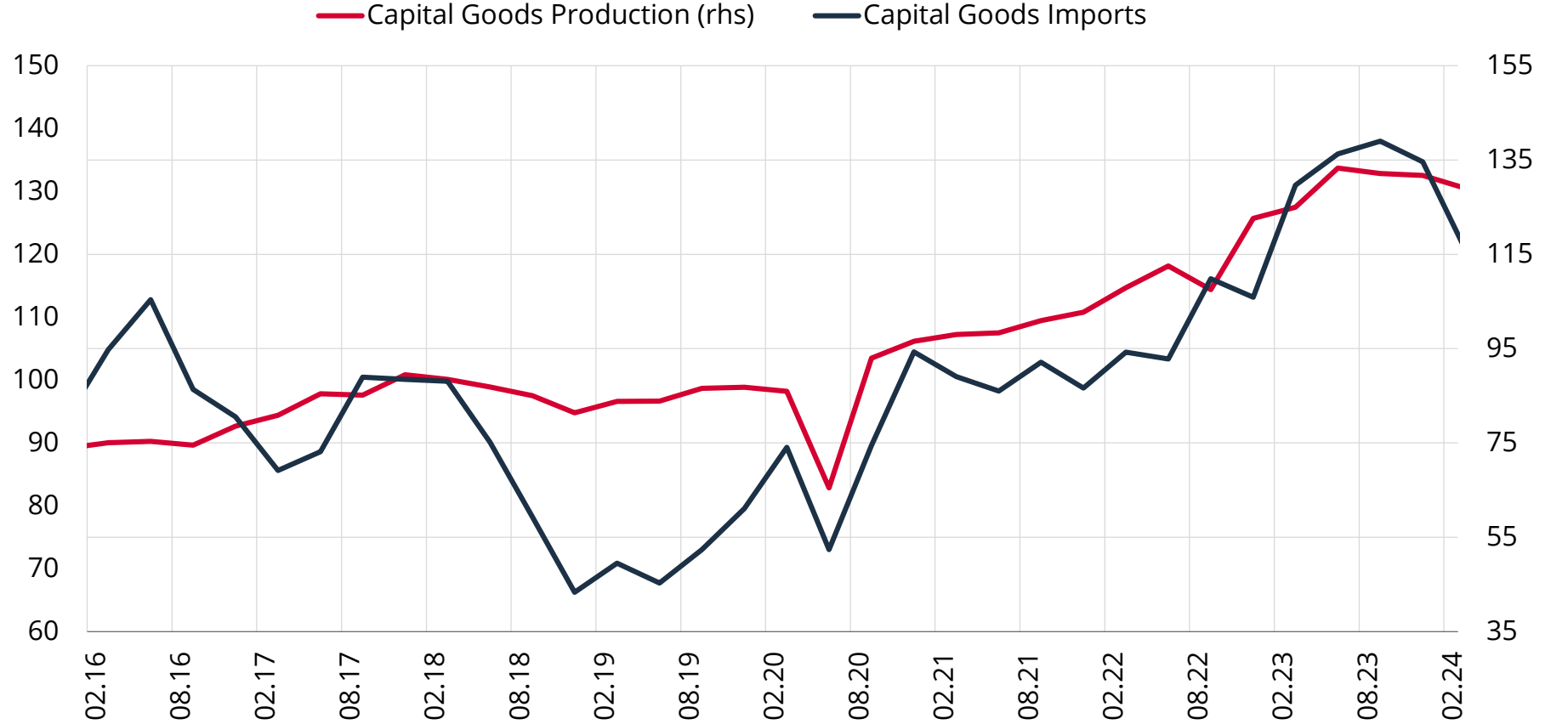


Source: TURKSTAT

Last Observation: February 2024

Capital Goods Production and Imports

(Seasonally Adjusted, Quarterly Average, Production 2021=100, Imports 2015=100)

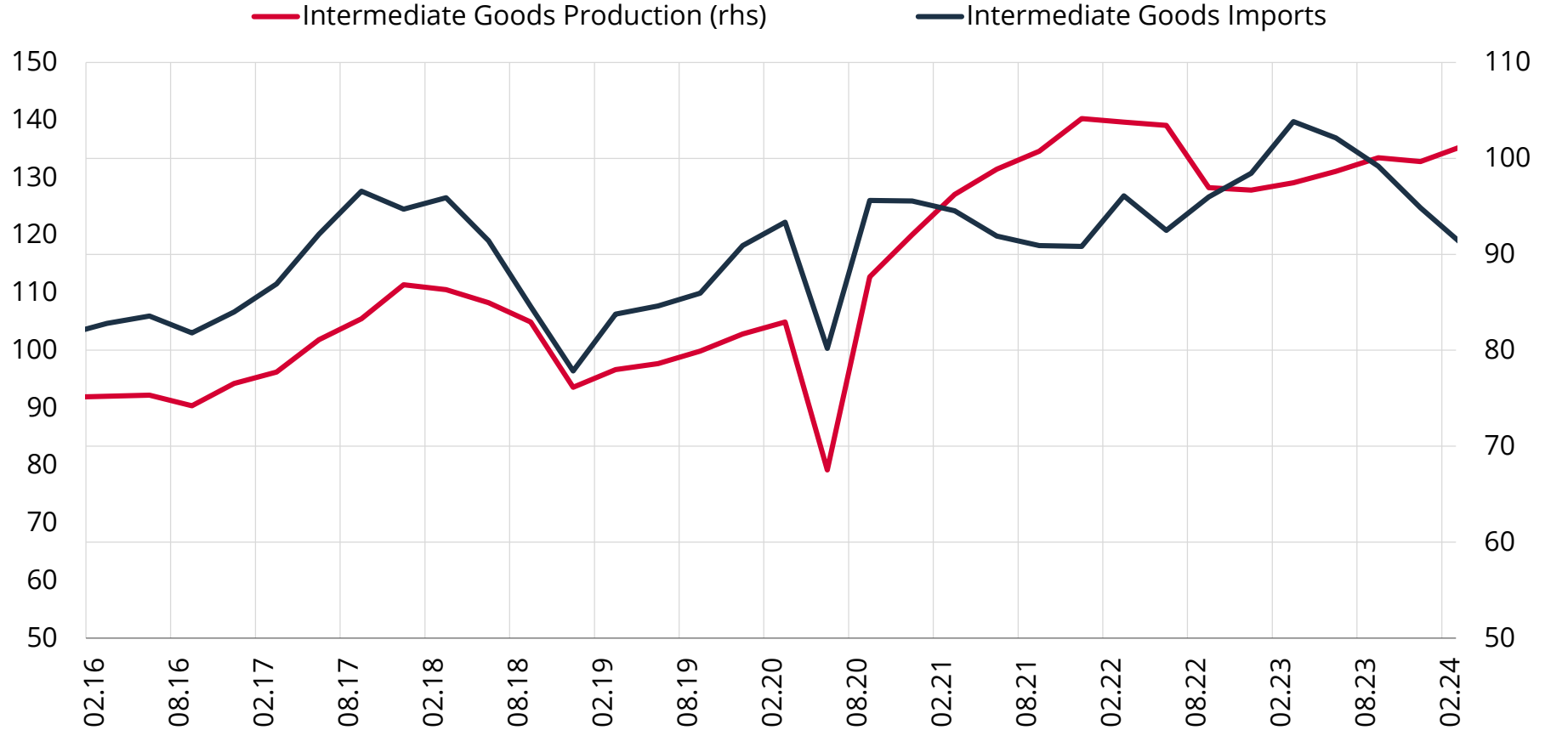


Source: TURKSTAT

Last Observation: February 2024

Intermediate Goods Production and Imports

(Seasonally Adjusted, Quarterly Average, Production 2021=100, Imports 2015=100)

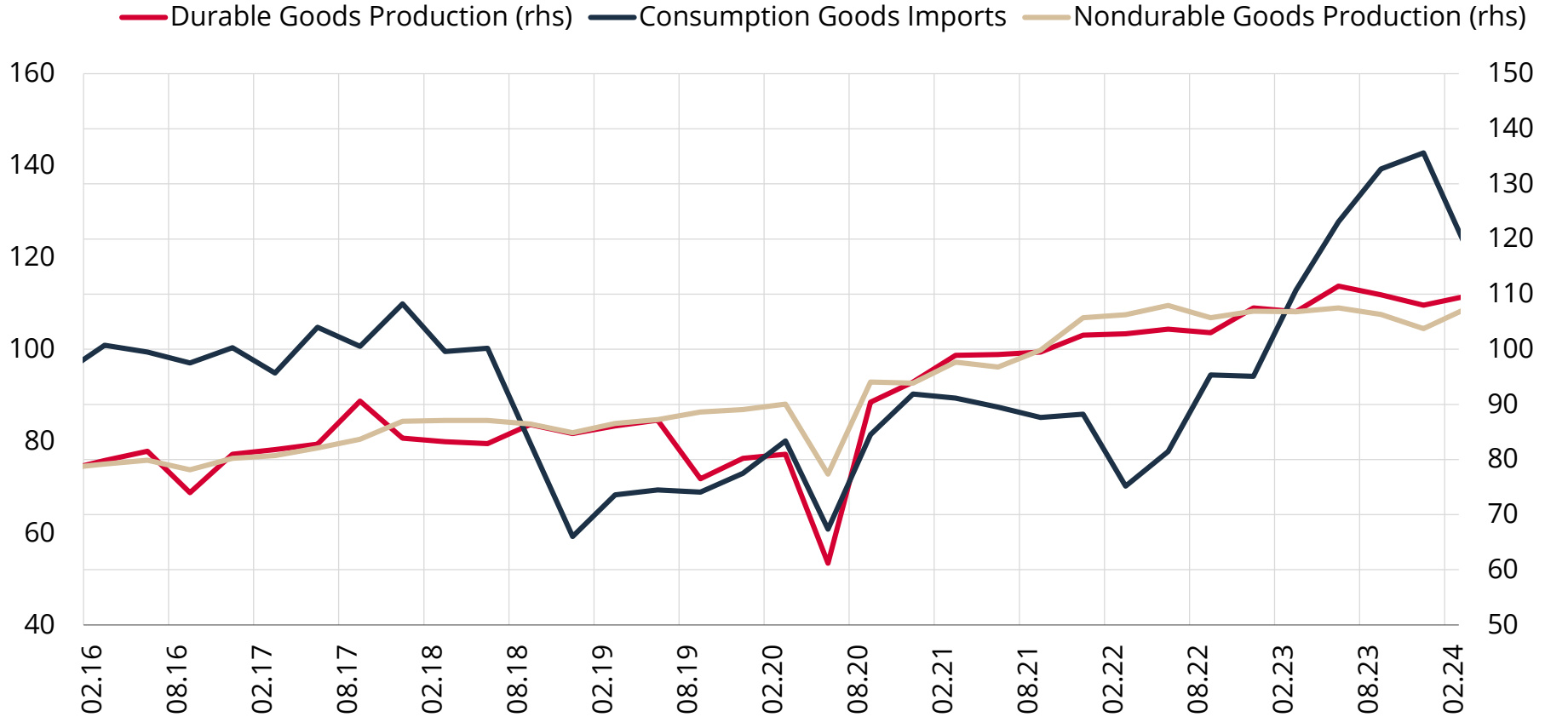


Source: TURKSTAT

Last Observation: February 2024

Consumption Goods Production and Imports

(Seasonally Adjusted, Quarterly Average, Production 2021=100, Imports 2015=100)

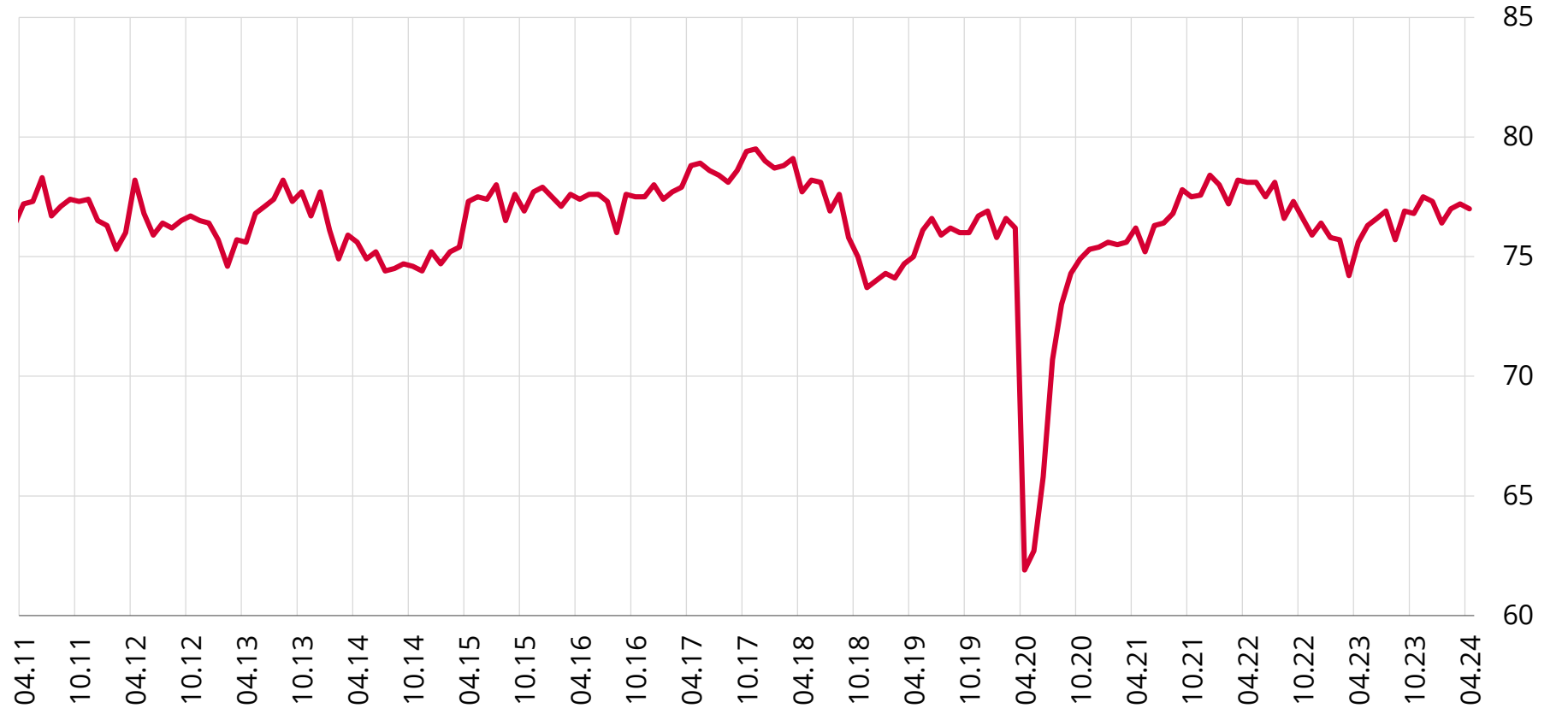


Source: TURKSTAT

Last Observation: February 2024

Capacity Utilization Rate

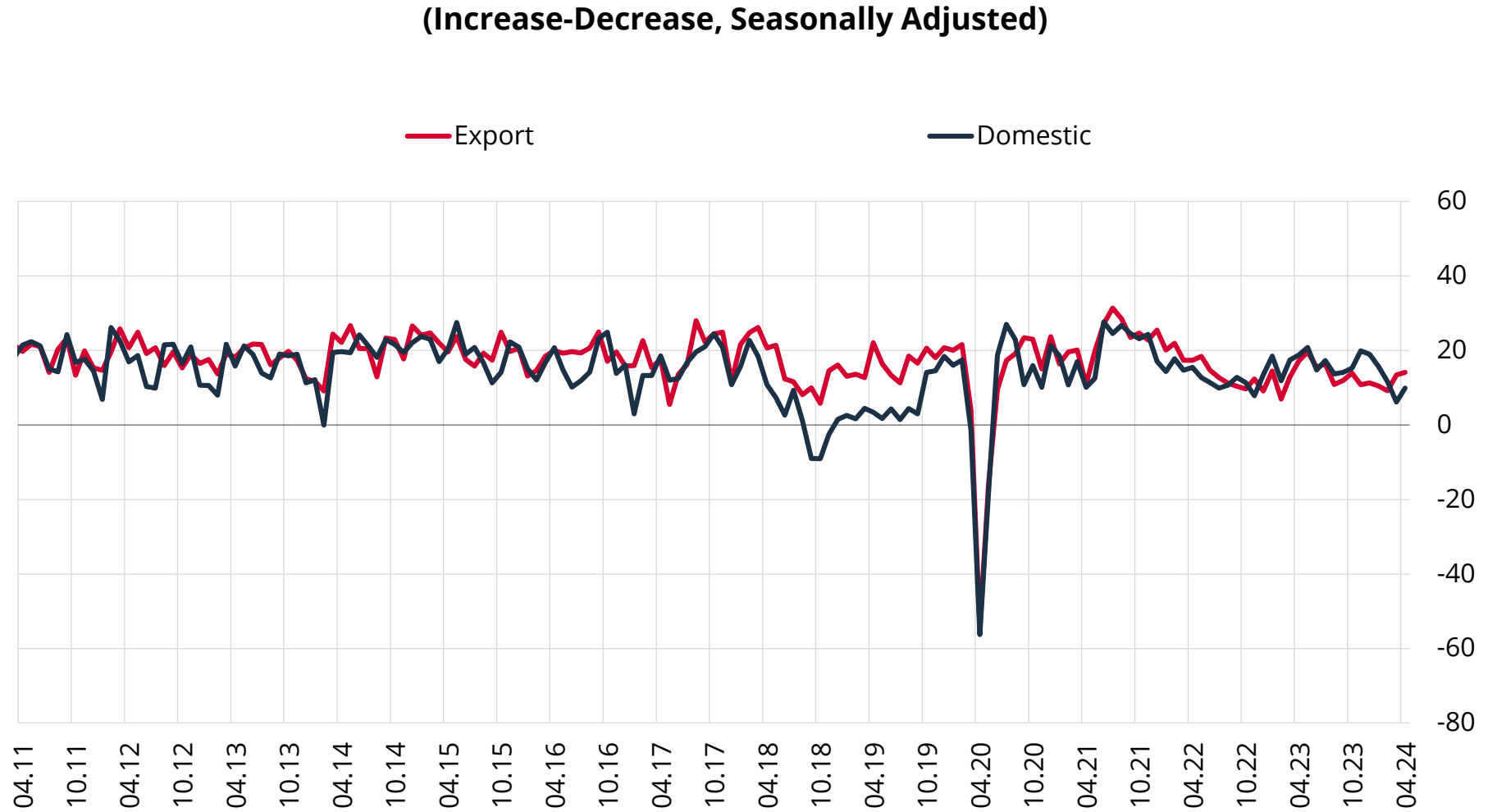
(Seasonally Adjusted, %)



Source: CBRT

Last Observation: April 2024

Export and Domestic Orders Expectations Over the Next Three Months

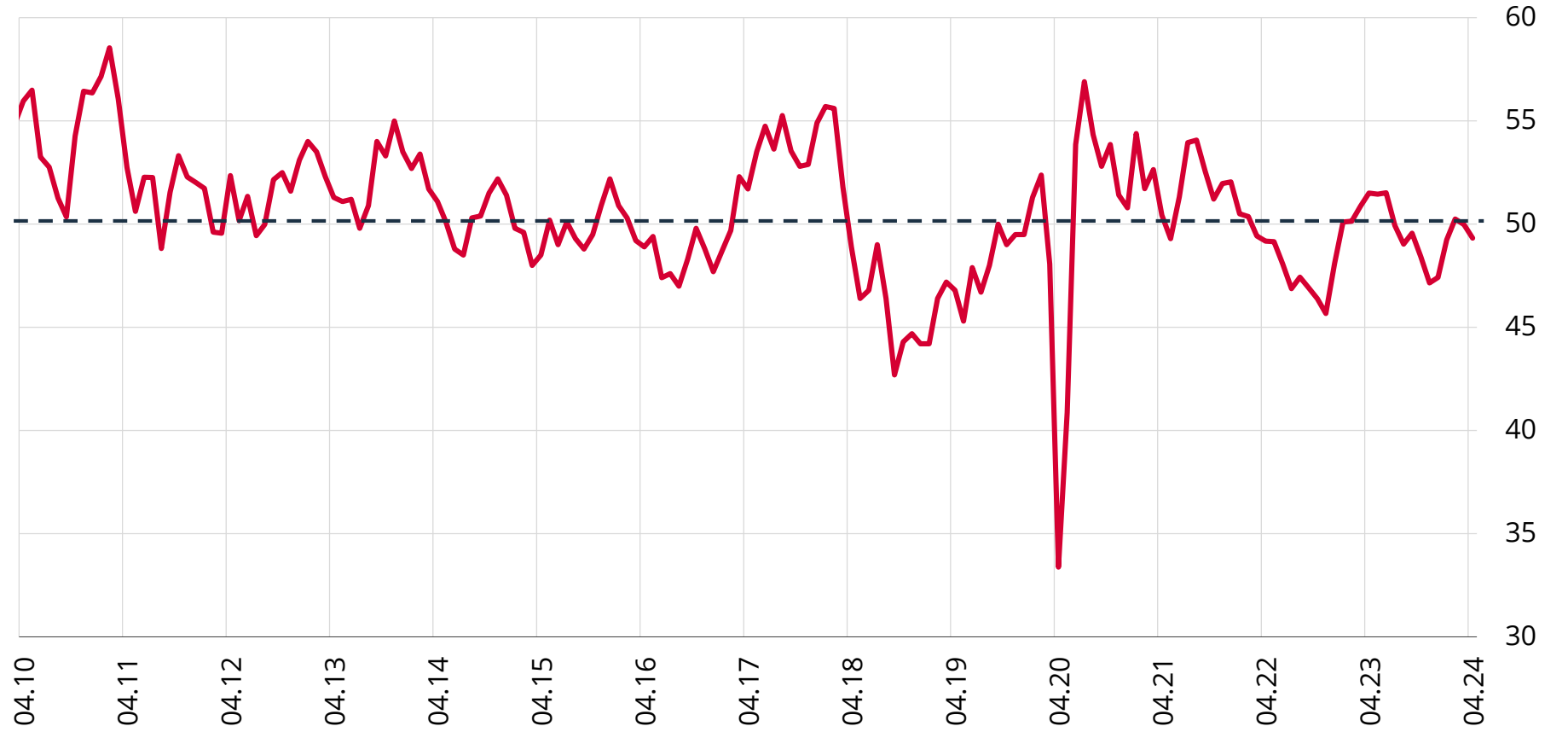


Source: CBRT

Last Observation: April 2024

PMI

(Seasonally Adjusted)

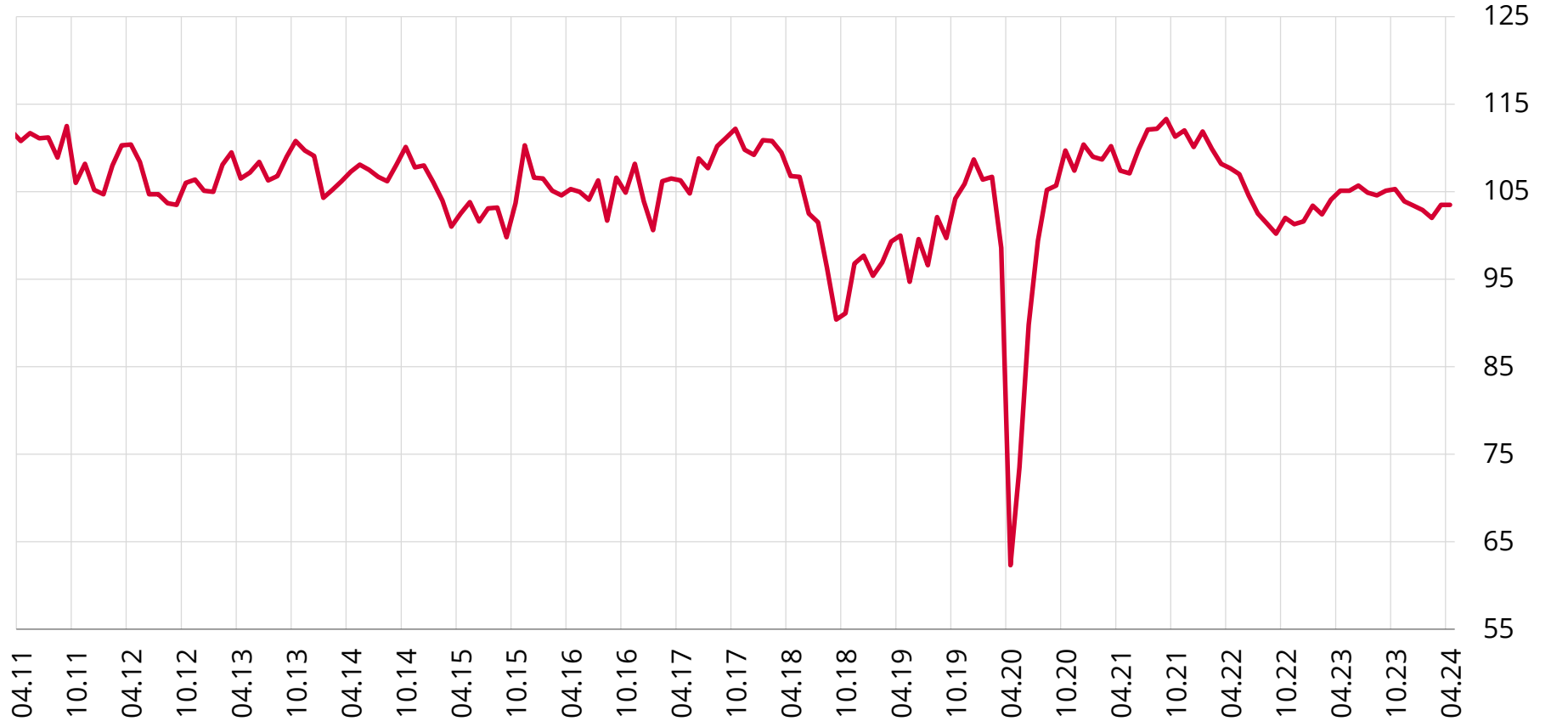


Source: S&P Global

Last Observation: April 2024

Real Sector Confidence Index

(Seasonally Adjusted)

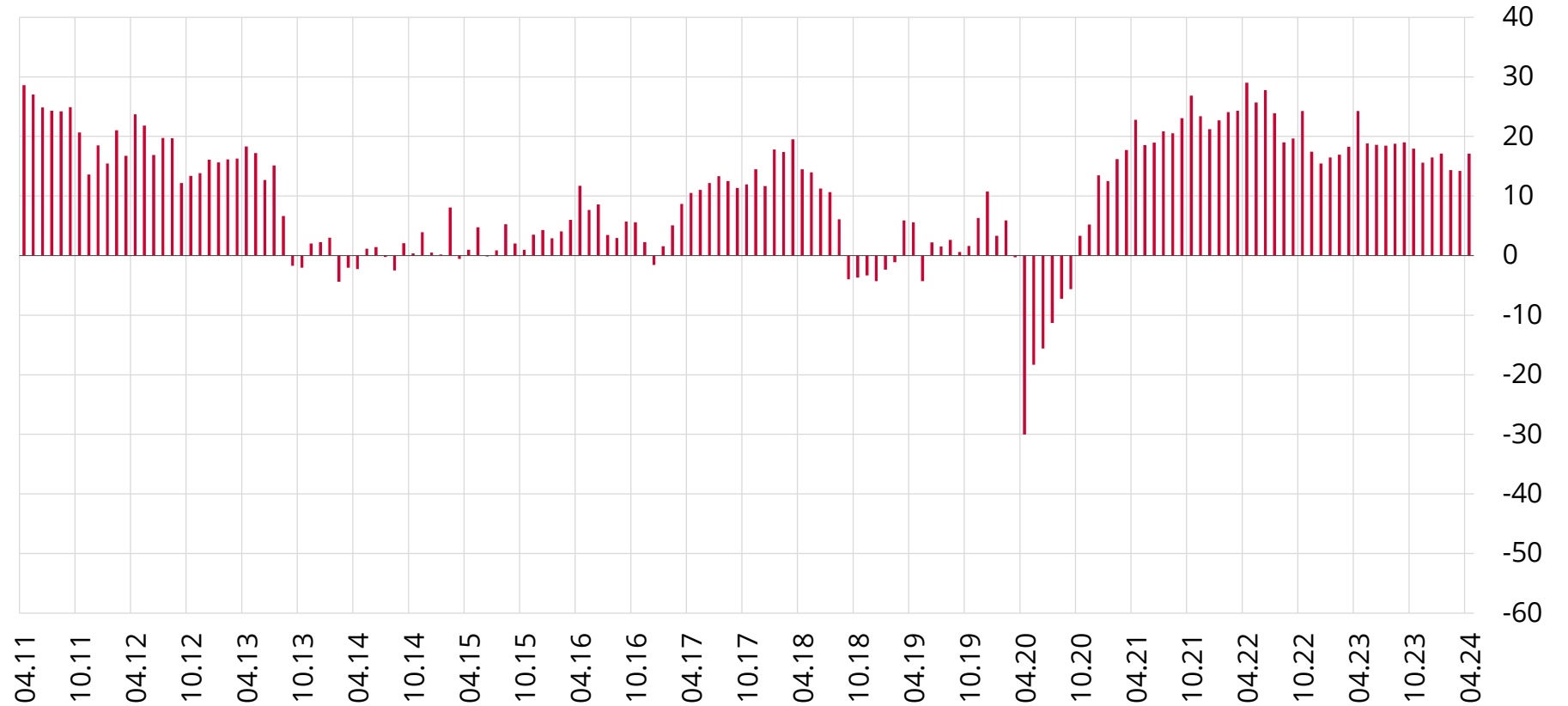


Source: CBRT

Last Observation: April 2024

Investment Tendency*

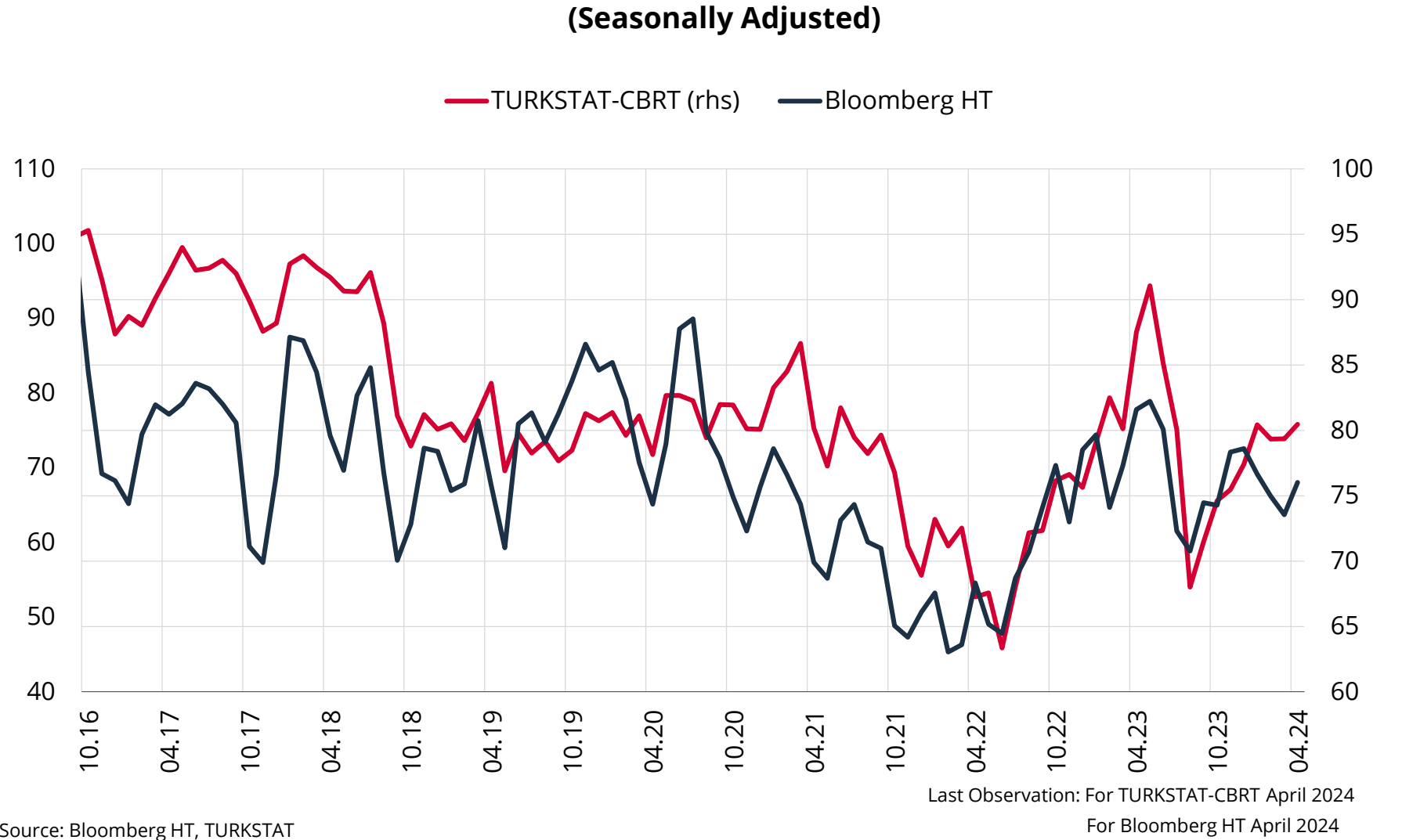
(Increase-Decrease, Seasonally Adjusted)



Source: CBRT

Last Observation: April 2024

Consumer Confidence Indices





TÜRKİYE CUMHURİYET
MERKEZ BANKASI

MAIN ECONOMIC DEVELOPMENTS

Research and Monetary Policy Department

MAY 2024

ANKARA

