



HSBC

Peru: Monetary Policy decisions in the face of local and global uncertainty

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Governor

Central Reserve Bank of Peru

April 2022



BANCO CENTRAL DE RESERVA DEL PERÚ

100 años

Contents



Economic performance



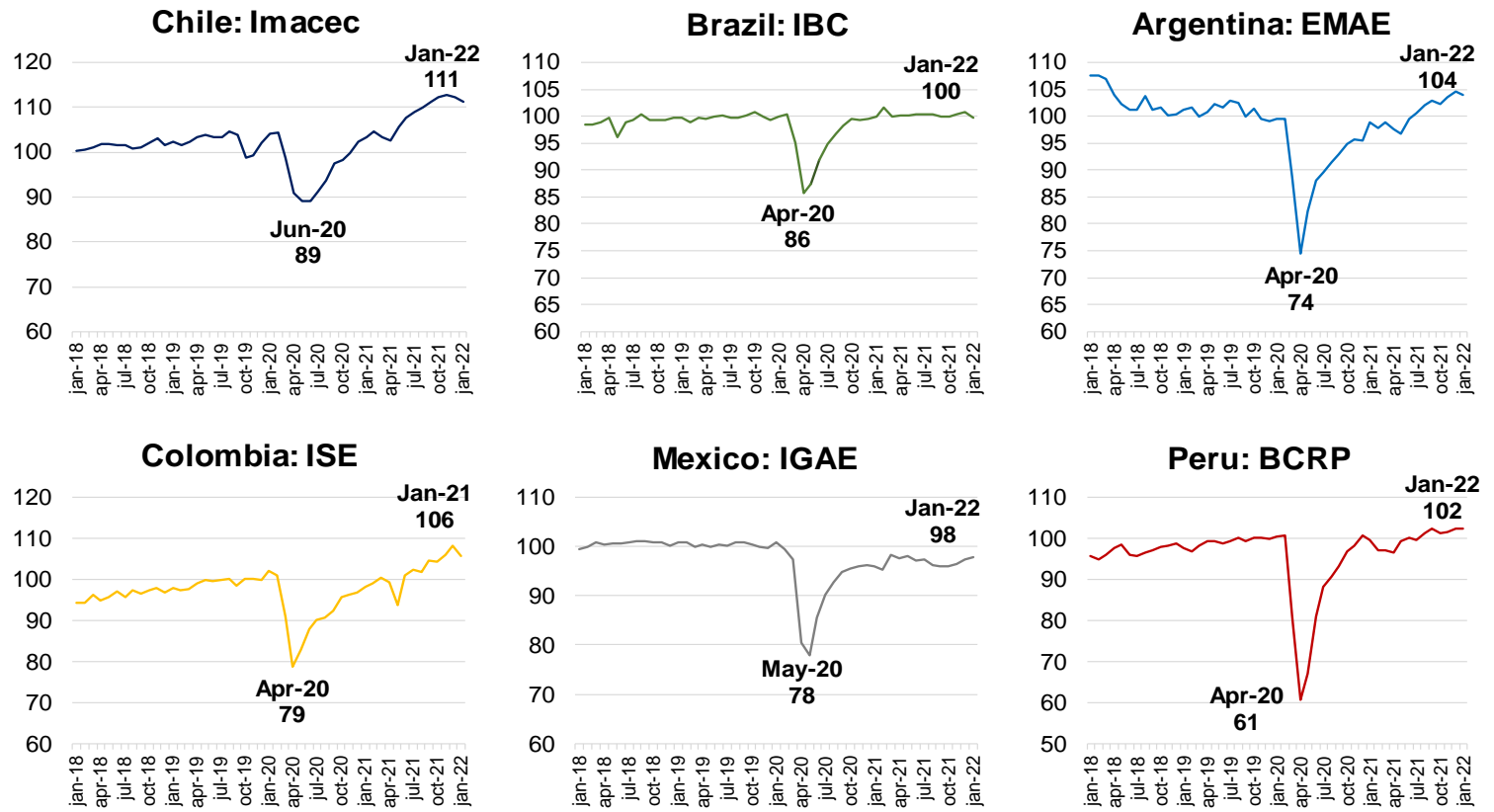
Inflation and monetary policy actions



Closing remarks

The Peruvian economy has remained above its pre-pandemic level since mid-2021. As a result of lower business confidence, lower public investment, production stoppages in the hydrocarbon and mining sectors, the economy has slowed down in recent months of the year.

Seasonally adjusted indices of economic activity in the region
Index Q4 2019 = 100



	Jul.21	Aug.21	Sep.21	Q3.21	Oct.21	Nov.21	Dec.21	Q4.21	Jan.22
Peru	99.5	101.4	102.4	101.1	101.2	101.5	102.4	101.7	102.4

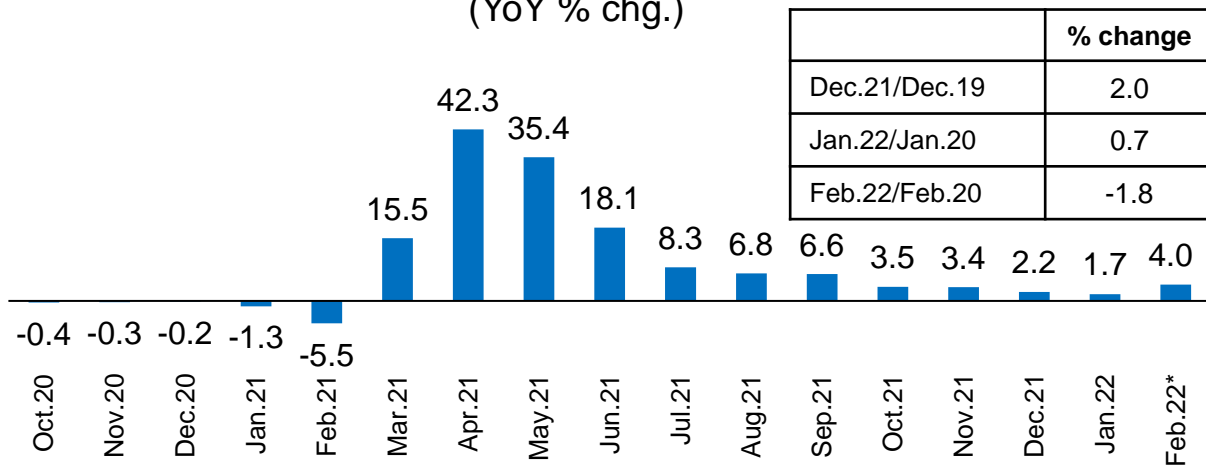
Source: Statistical institutes and central banks of each country.
Chile: Índice Mensual de Actividad Económica (IMACEC), Colombia: Indicador de Seguimiento a la Economía (ISE), Argentina: Estimador Mensual de la Actividad Económica (EMAE), Brazil: Índice de Atividade Econômica do Banco Central (IBC-BR), Mexico: Indicador Global de la Actividad Económica (IGAE).



Economic indicators show mixed results in their recovery, with higher growth in indicators related to private consumption and a slowdown in those related to public and private investment.

ELECTRICITY DEMAND

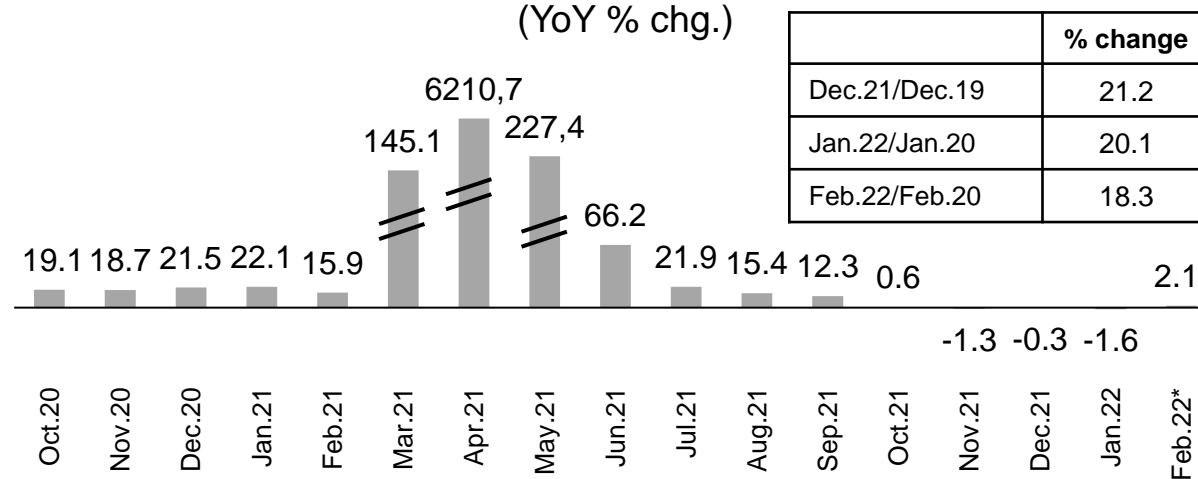
(YoY % chg.)



	% change
Dec.21/Dec.19	2.0
Jan.22/Jan.20	0.7
Feb.22/Feb.20	-1.8

CEMENT DEMAND

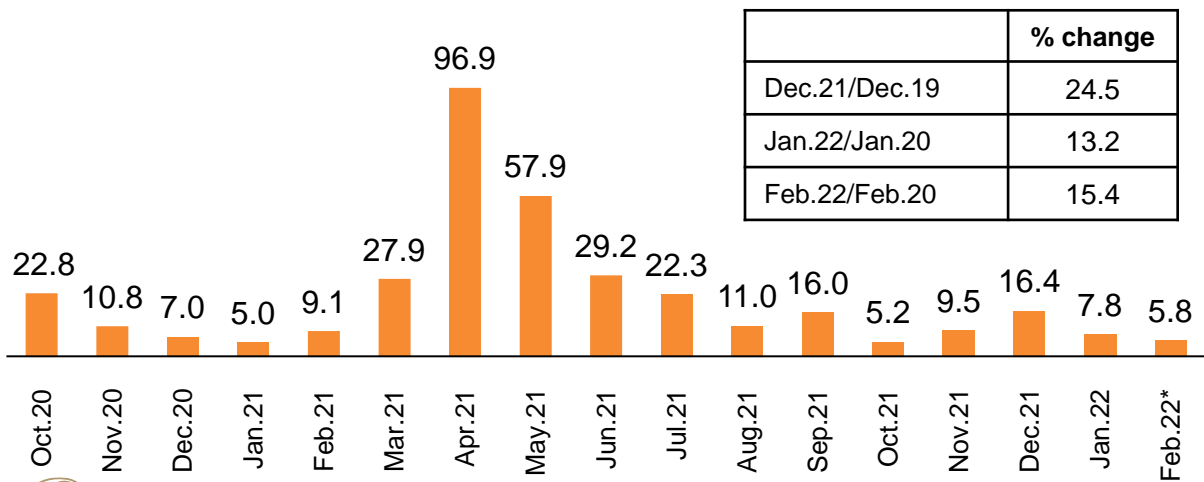
(YoY % chg.)



	% change
Dec.21/Dec.19	21.2
Jan.22/Jan.20	20.1
Feb.22/Feb.20	18.3

NON-TRADITIONAL EXPORT VOLUME

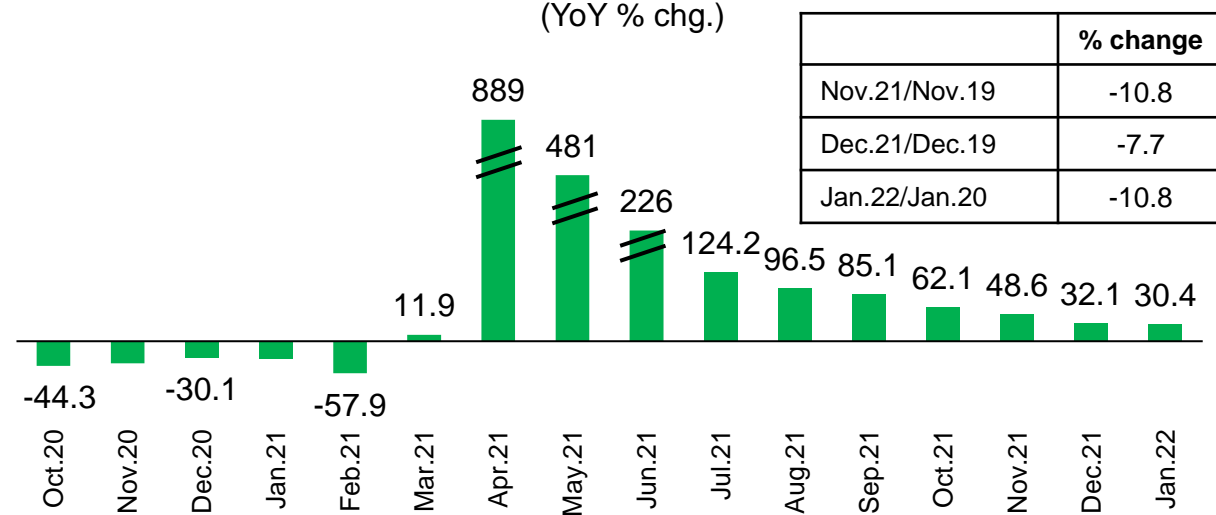
(YoY % chg.)



	% change
Dec.21/Dec.19	24.5
Jan.22/Jan.20	13.2
Feb.22/Feb.20	15.4

GDP: ACCOMMODATIONS AND RESTAURANTS

(YoY % chg.)



	% change
Nov.21/Nov.19	-10.8
Dec.21/Dec.19	-7.7
Jan.22/Jan.20	-10.8



Exports would increase its contribution to GDP growth in 2022-2023, whereas domestic demand, in particular investment, would grow at a more moderate pace.

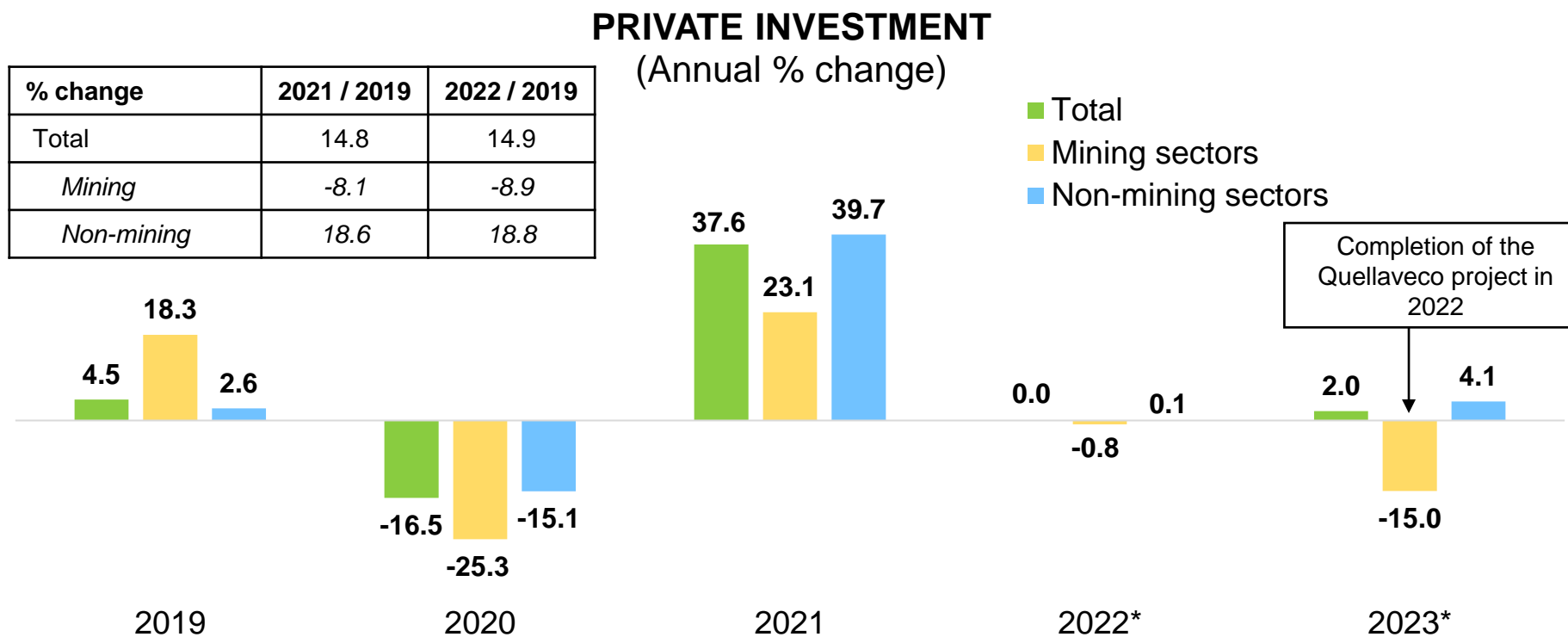
DOMESTIC DEMAND AND GDP
(Annual % change)

	Prom. 2001-2019	2020	2021	2022*	2023*
Domestic Demand	5.1	-9.5	14.4	3.0	3.0
Private Consumption	4.9	-9.8	11.7	4.1	3.5
Public Consumption	4.7	7.6	10.7	1.5	2.0
Private Investment	4.6	-16.5	37.6	0.0	2.0
Public Investment	6.7	-15.5	23.7	4.0	1.6
Exports	5.1	-20.5	14.0	7.5	7.6
Imports	6.5	-15.6	18.8	5.6	6.7
<u>Gross Domestic Product</u>	<u>4.8</u>	<u>-11.0</u>	<u>13.3</u>	<u>3.4</u>	<u>3.2</u>

*Forecast

Source: BCRP.

Private investment increased in 2021 driven by the development of housing and infrastructure projects. Going forward, the rate of growth of private investment will depend on how the mineral price cycle evolves, on business expectations and on a political environment that provides stability to the country.



Private investment: US\$ millions	2019	2020	2021	2022*	2023*
Total	41,733	34,347	46,321	48,772	51,112
<i>Mining</i>	5,909	4,327	5,238	5,500	4,800
<i>Non-mining</i>	35,825	30,019	41,083	43,272	46,312

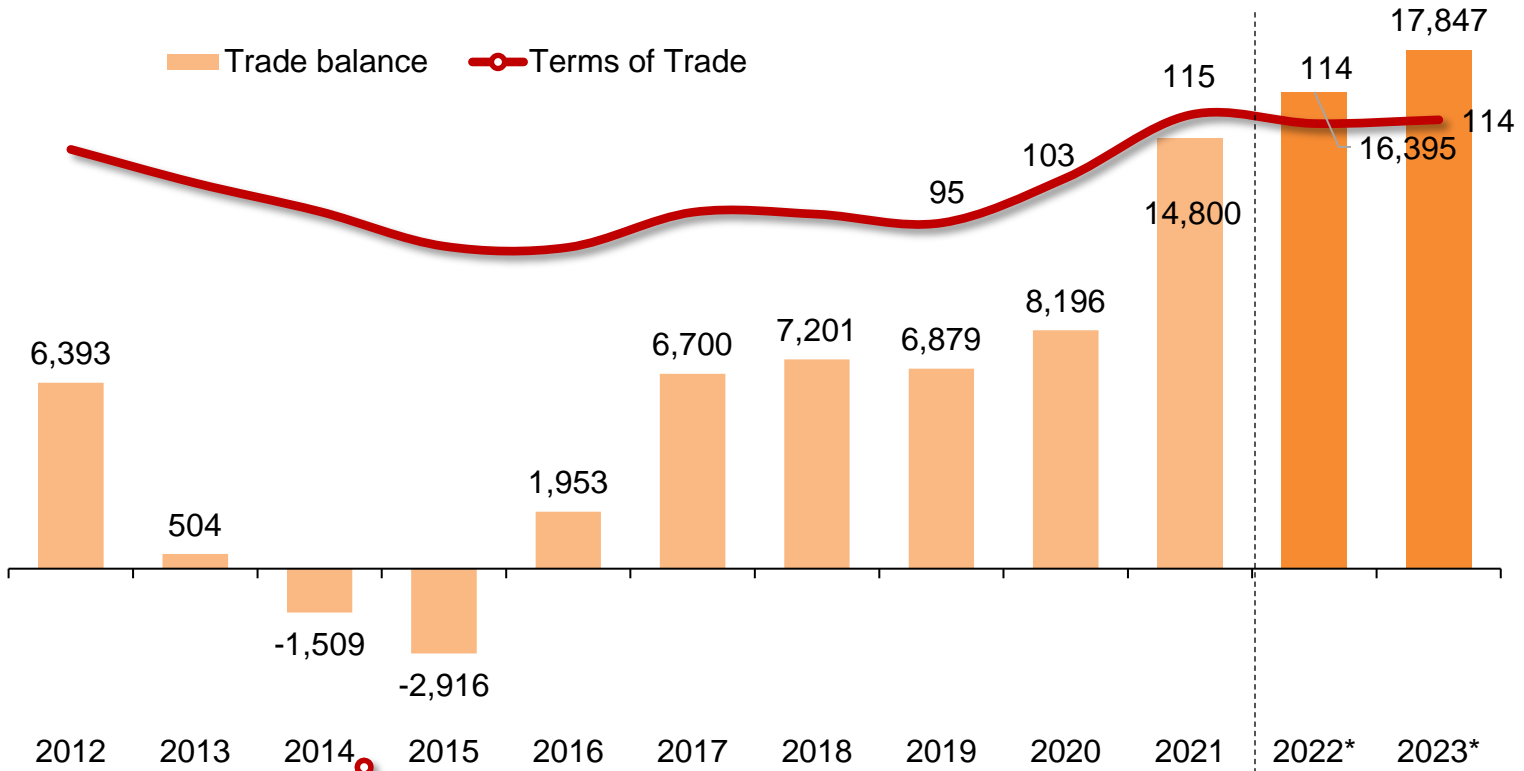
*Forecast
Source: MINEM and BCRP.

A record trade surplus was reached in 2021. A similar result is expected for 2022 and 2023 despite higher fuel and food prices. The trade surplus would increase in 2023 with the normalization of import prices and the recovery of primary production.

Anual % change	2021	2022*	2023*
1. Value:			
Exports	47,1	12,7	5,0
Imports	39,2	13,3	3,9
2. Volumen:			
Exports	12,8	5,7	5,9
Imports	19,4	4,7	5,4
3. Precio:			
Exports	30,3	6,6	-0,9
Imports	16,6	8,1	-1,5

*Forecast, Inflation Report March 2022.
Source: BCRP.

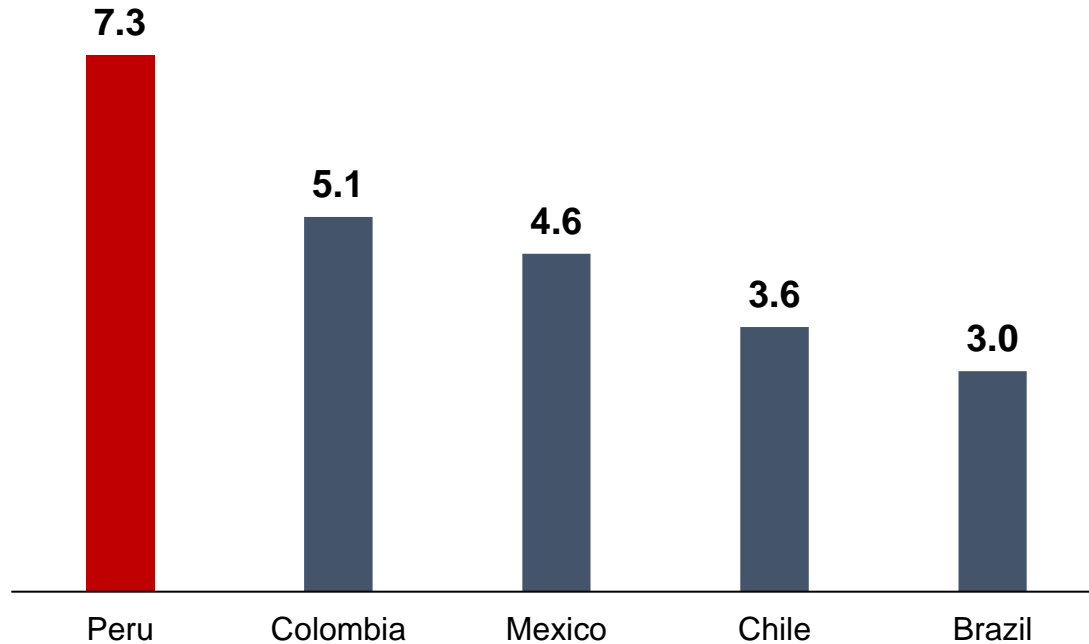
TRADE BALANCE AND TERMS OF TRADE, 2012-2023
(Million US\$ and Index 2007 = 100, respectively)



*Forecast, Inflation Report March 2022.
Source: BCRP.

According to data published in January, non-commodity exports grew by 29% in the last 12 months and reached the highest growth in the region in the last five years.

NON-COMMODITY EXPORTS
Feb 2017 – Jan 2022
(Average annual growth)



Chile: excludes mining exports

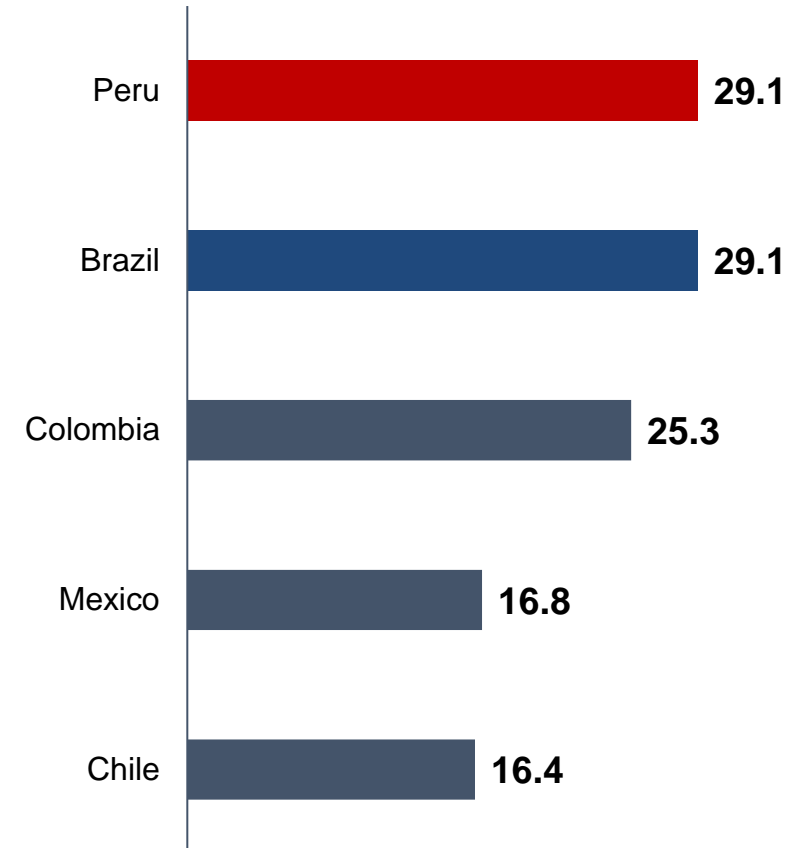
Colombia: corresponds to September-August and excludes coffee, coal, oil and derivatives, ferro-nickel and non-monetary gold.

Brazil: corresponds to industrial exports (semi-manufactured and manufactured)

Mexico: excludes oil exports.

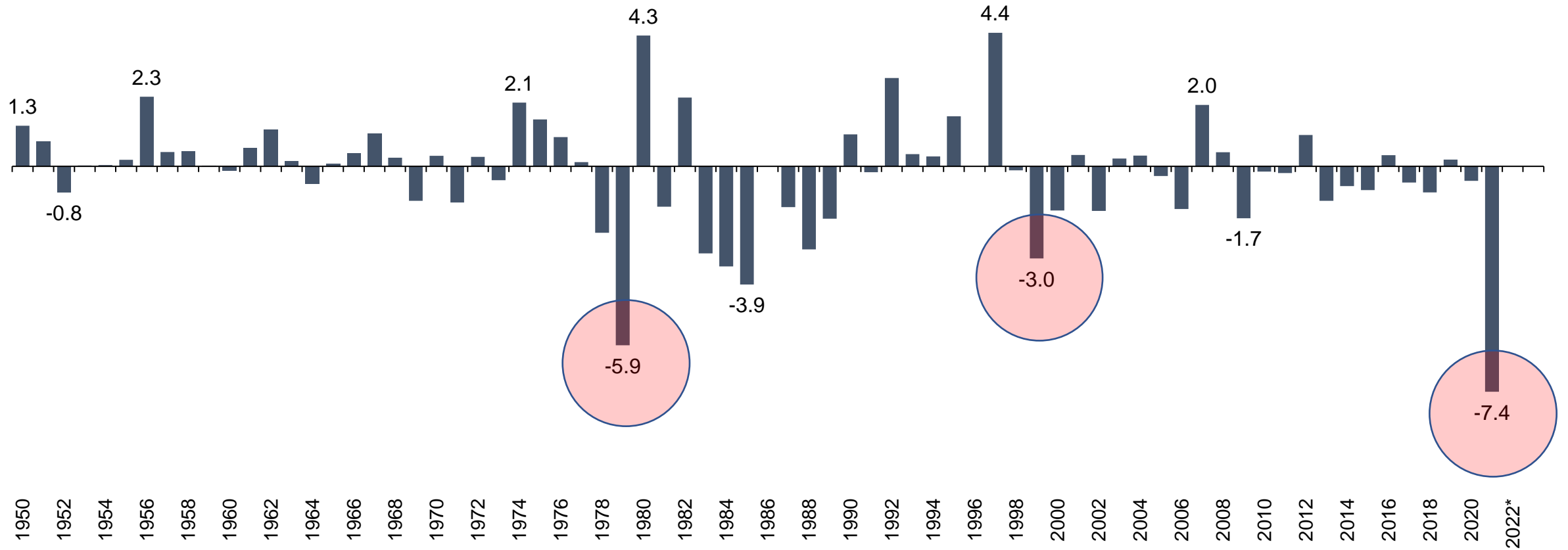
Source: SUNAT, Central Banks (Chile, Colombia, Mexico) and Minister of Finance (Brazil).

NON-COMMODITY EXPORTS
Feb 2021 – Jan 2022
(Annual growth)



In 2021, capital outflows have been equivalent to 7.4 percent of GDP, reaching an all-time high.

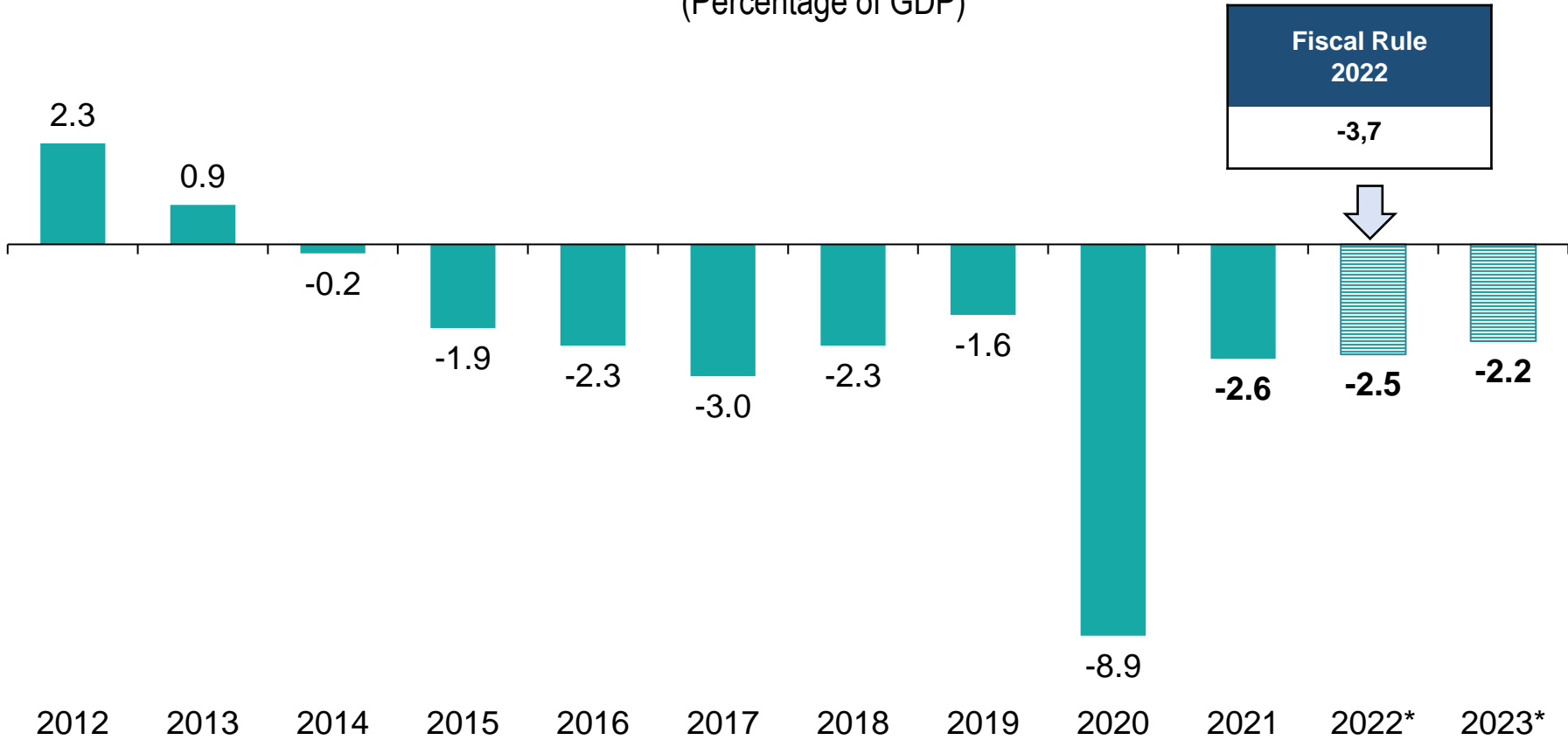
SHORT-TERM CAPITAL FLOWS (% of GDP)



* Forecast . Source: BCRP

The fiscal deficit is expected to decrease throughout the forecast horizon, to 2.2% of GDP in 2023, reflecting a recovery in current revenues and non-financial expenditure consolidation relative to 2020.

NON FINANCIAL PUBLIC SECTOR: OVERALL BALANCE
(Percentage of GDP)



Overall balance (% of GDP)	2020	2021	2022*
Brazil	-13.4	-6.2	-7.6
Uruguay	-4.7	-4.2	-3.6
Colombia	-6.9	-8.4	-6.1
Ecuador	-6.1	-2.3	0.1
Mexico	-4.5	-4.2	-3.3
Paraguay	-7.2	-5.2	-4.0
Peru	-8.9	-2.6	-2.5
Chile	-7.1	-7.9	-3.4

Fiscal Rule 2022
-3,7

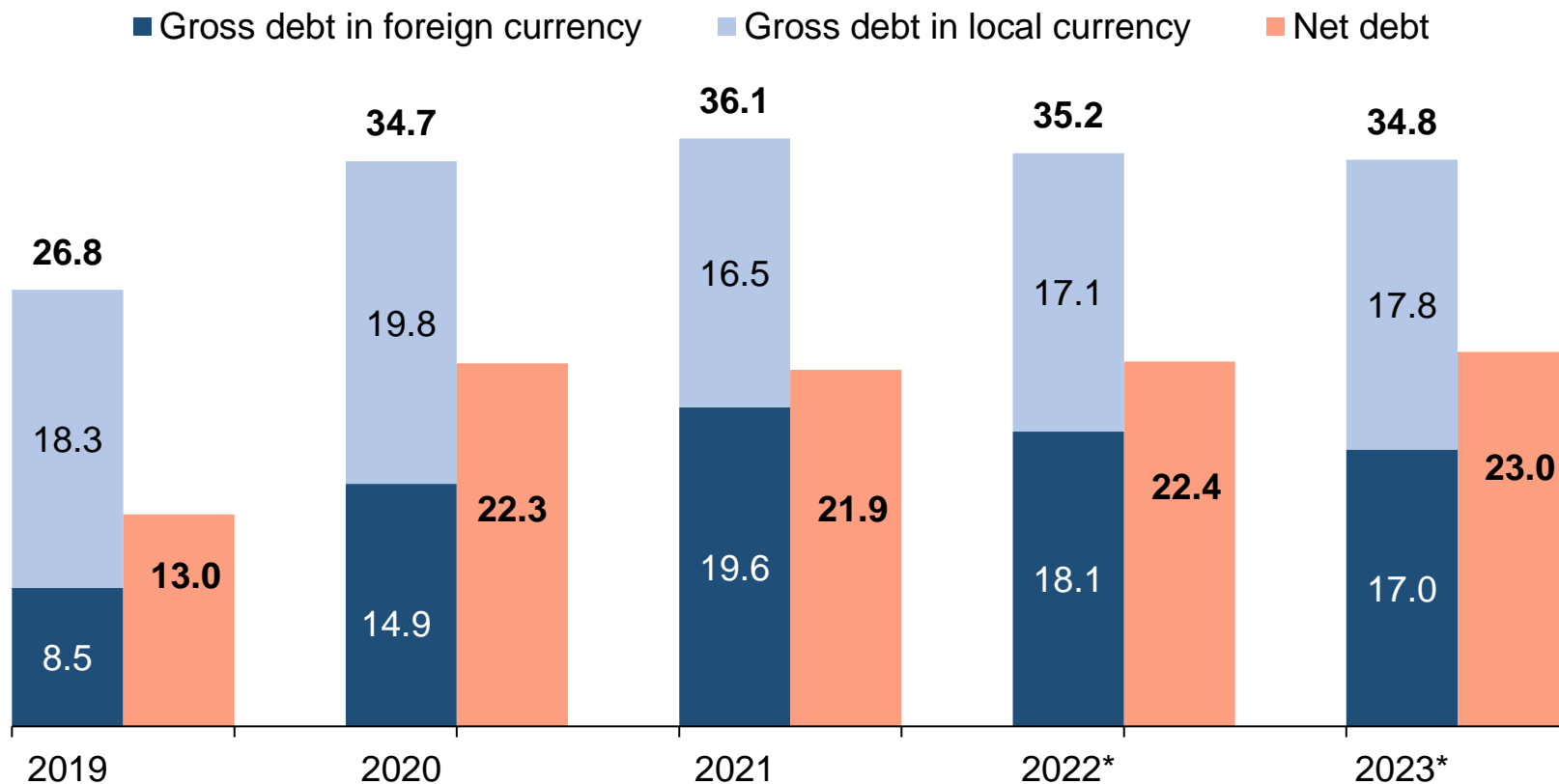


* Forecast. Source: BCRP

* Forecast
Source: IMF for all the countries but Peru (BCRP), and Consensus Forecast (March) for 2022 forecast.

Public gross debt will reach 34.8% of GDP by 2023. Net debt will increase to 23.0% of GDP in 2023.

NON-FINANCIAL PUBLIC SECTOR DEBT (Percentage of GDP)



Gross Debt (% of GDP)	2020	2021*
Brazil	98.9	90.6
Uruguay	68.1	67.5
Colombia	65.4	66.7
Ecuador	61.2	61.0
Mexico	61.0	59.8
Paraguay	36.7	38.4
Peru	34.7	36.1
Chile	32.5	34.4

Source: IMF-World Economic Outlook (October 2021) and BCRP (Peru).

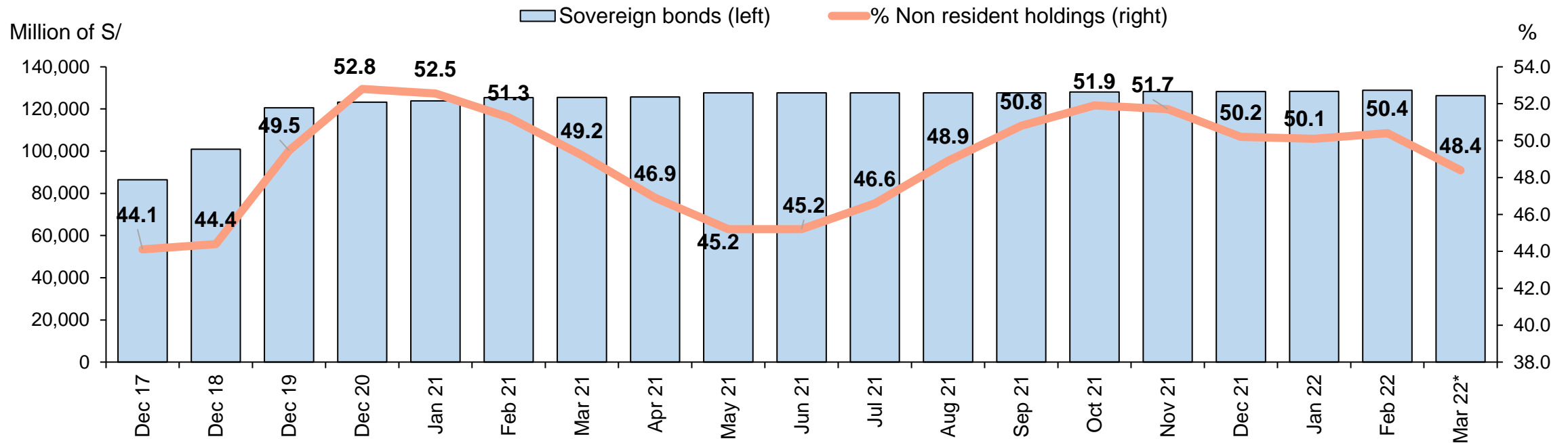
* Forecast. Source: BCRP.

Non-resident investors increased their share of Peruvian sovereign bond holdings, from 45% in June 2021 to 48% in March 2022.

STOCK OF SOVEREIGN BONDS AND NON-RESIDENT BOND HOLDINGS

(Stock in million of S/ and holdings in %)

Sovereign bond stock (In million of S/)	March 2022*
Non resident	61 126
Total	126 294



* Preliminary information. As of March 31.

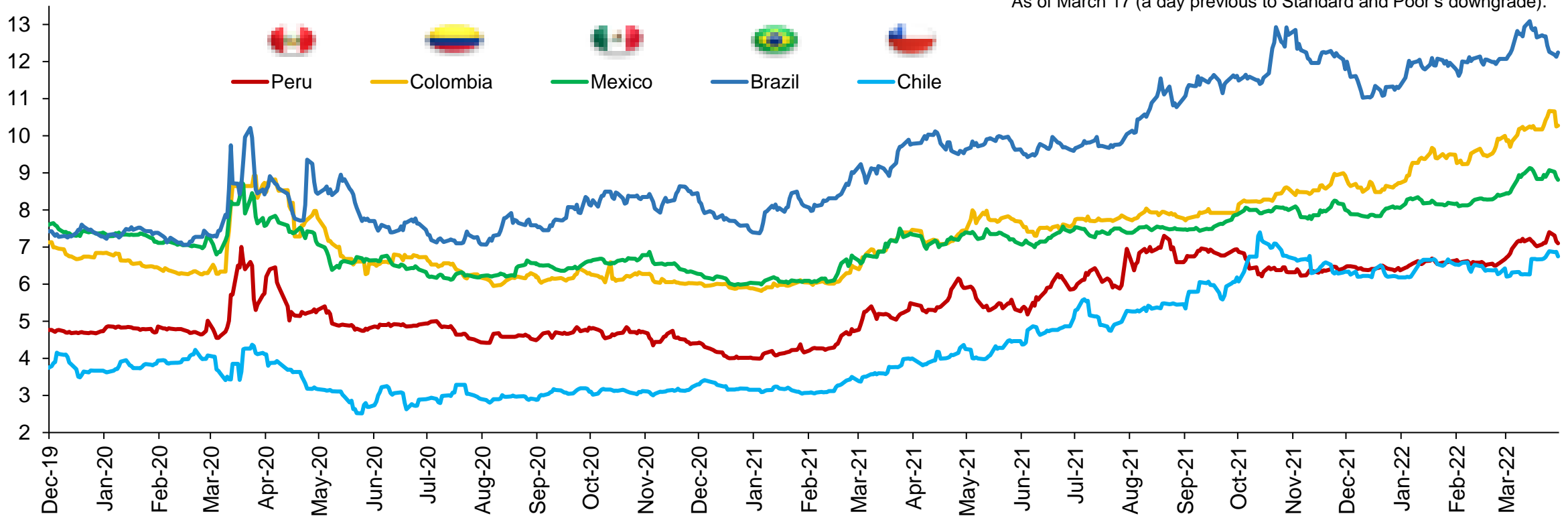
Source: BCRP, CAVALI, MEF, SBS.

Sovereign yields in LatAm increased between December 2021 and March 2022 due to the tightening of monetary policy worldwide and higher risk aversion due to the conflict between Russia and Ukraine. Peru's sovereign yield remains as one of the lowest in the region.

10 YEAR SOVEREIGN BOND YIELDS
(Percentage, end of period)

	Dec. 19	Dec. 20	Dec. 21	17 Mar.*	31 Mar.
Peru	4.2	3.5	5.9	6.56	6.59
Colombia	6.3	5.4	8.2	9.67	9.69
Mexico	6.9	5.5	7.6	8.45	8.25
Brazil	6.8	6.9	10.8	12.40	11.62
Chile	3.2	2.7	5.7	6.18	6.24

* As of March 17 (a day previous to Standard and Poor's downgrade).



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Closing remarks

In 2022, most currencies in the region have appreciated in a scenario of withdrawal of the monetary policy stimulus and after 2 years of depreciatory pressures.

LATAM: EXCHANGE RATE

Monetary unit per dollar
(Index 100=31 Dec 2008)

	Cumulative % change 2020 vs 2000	Dec.20/ Dec.19(%)	Dec.21/ Dec.20 (%)	Apr.22* / Dec.21 (%)
Perú (PEN)	2.6	9.2	10.3	-9.1
Chile (CLP)	23.8	-5.6	19.9	-8.1
Colombia (COP)	53.3	4.3	18.6	-7.5
México (MXN)	107.0	5.2	3.1	-3.1
Brasil (BRL)	166.3	29.0	7.3	-15.7



* As of April 1.

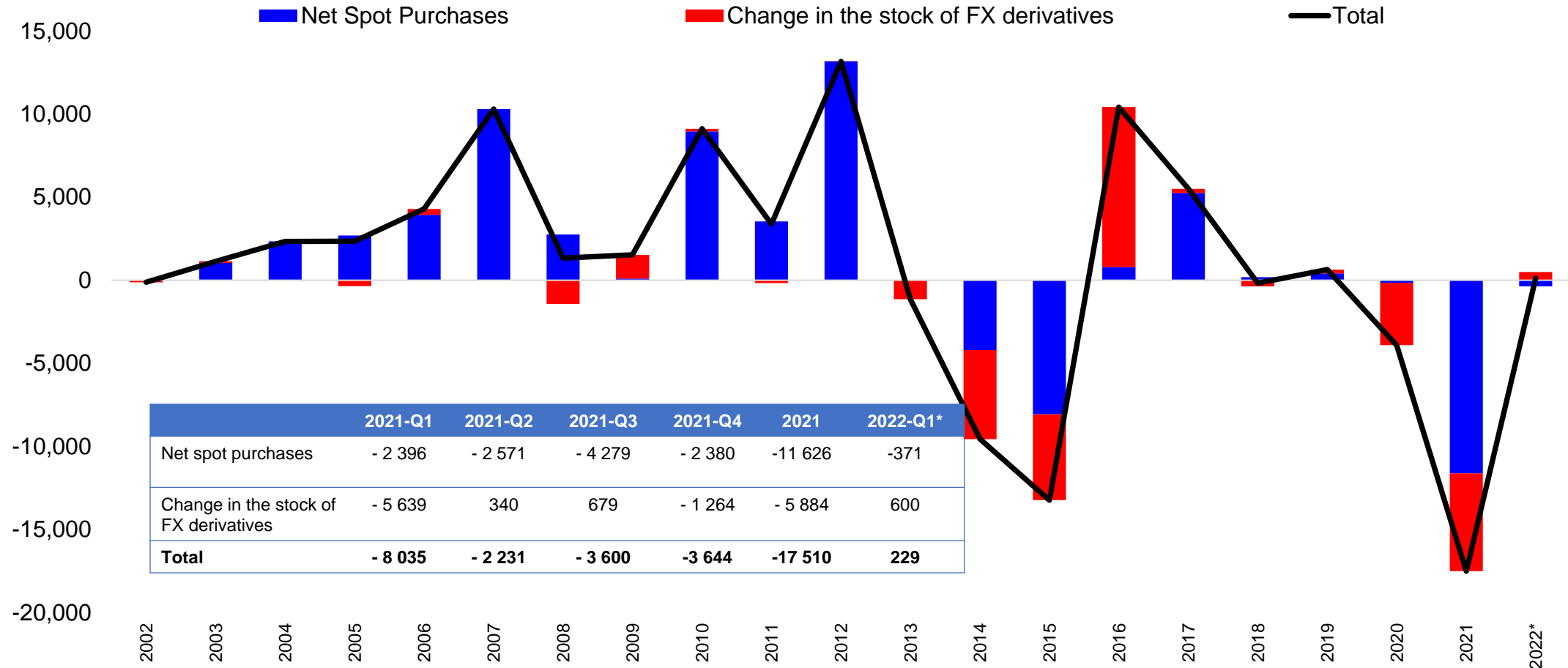
Source: Reuters.



100 años

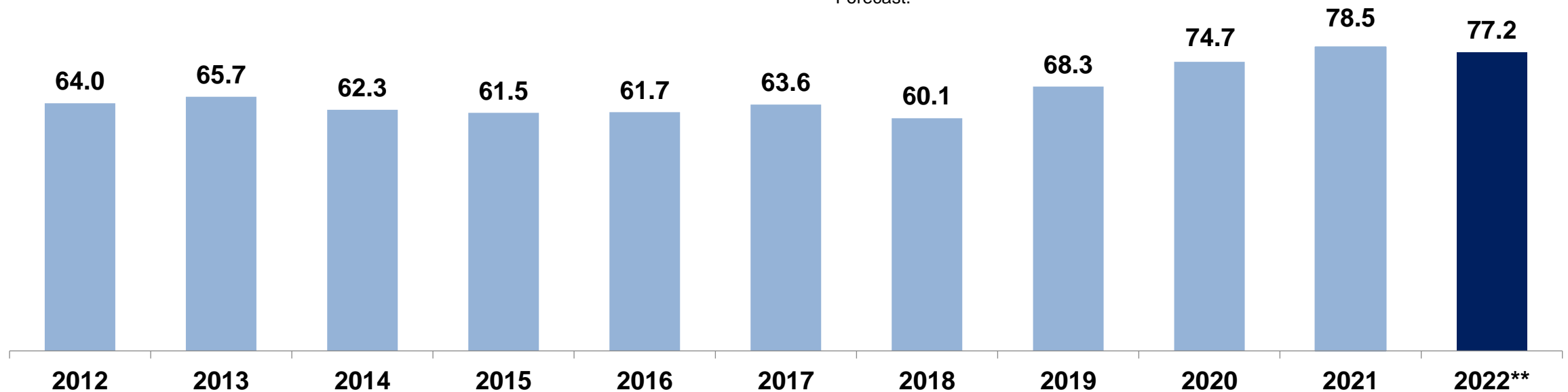
The BCRP intervened through sales in the spot market and foreign exchange derivatives. In 2021, the BCRP supplied USD 17.5 billion to the FX market (a historic high)

FX INTERVENTION BY YEAR (USD million)



Peru's external position is strong due to a considerable FX reserve buffer; and has been reinforced by a precautionary US \$ 11.2-billion Flexible Credit Line (FCL) with the IMF.

FOREIGN EXCHANGE RESERVES (Billions of US\$)



INTERNATIONAL COVERAGE INDICATORS

	2019	2020	2021	2022*
NIR as percentage of:				
a) GDP	29,6	36,4	34,9	32,1
b) Short term external debt ^{1/}	498	561	518	502
c) Short term external debt + current account deficit	424	635	368	401

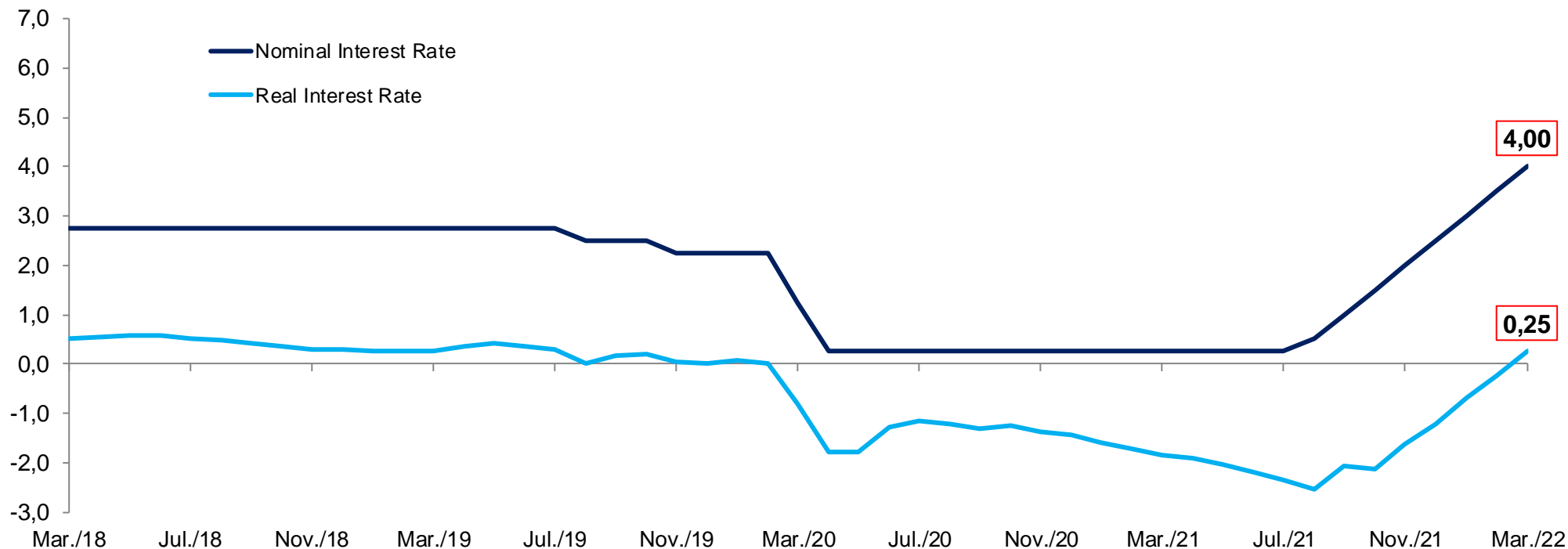
^{1/} Includes the stock of short-term debt plus 1 year ahead amortization of private and public debt.

*Forecast.

**As of March 30. Source: BCRP.

Monetary policy operates opportunely. The central bank lowered its policy interest rate to 0.25 percent in March 2020 just at the start of the pandemic. Then, since August of last year, the Central Bank has been raising its monetary policy rate on 8 occasions up to 4.0 percent in March 2022. With the latest hike, the real interest rate turned positive (+0.25%)

NOMINAL AND REAL REFERENCE INTEREST RATE*
(In percentage)



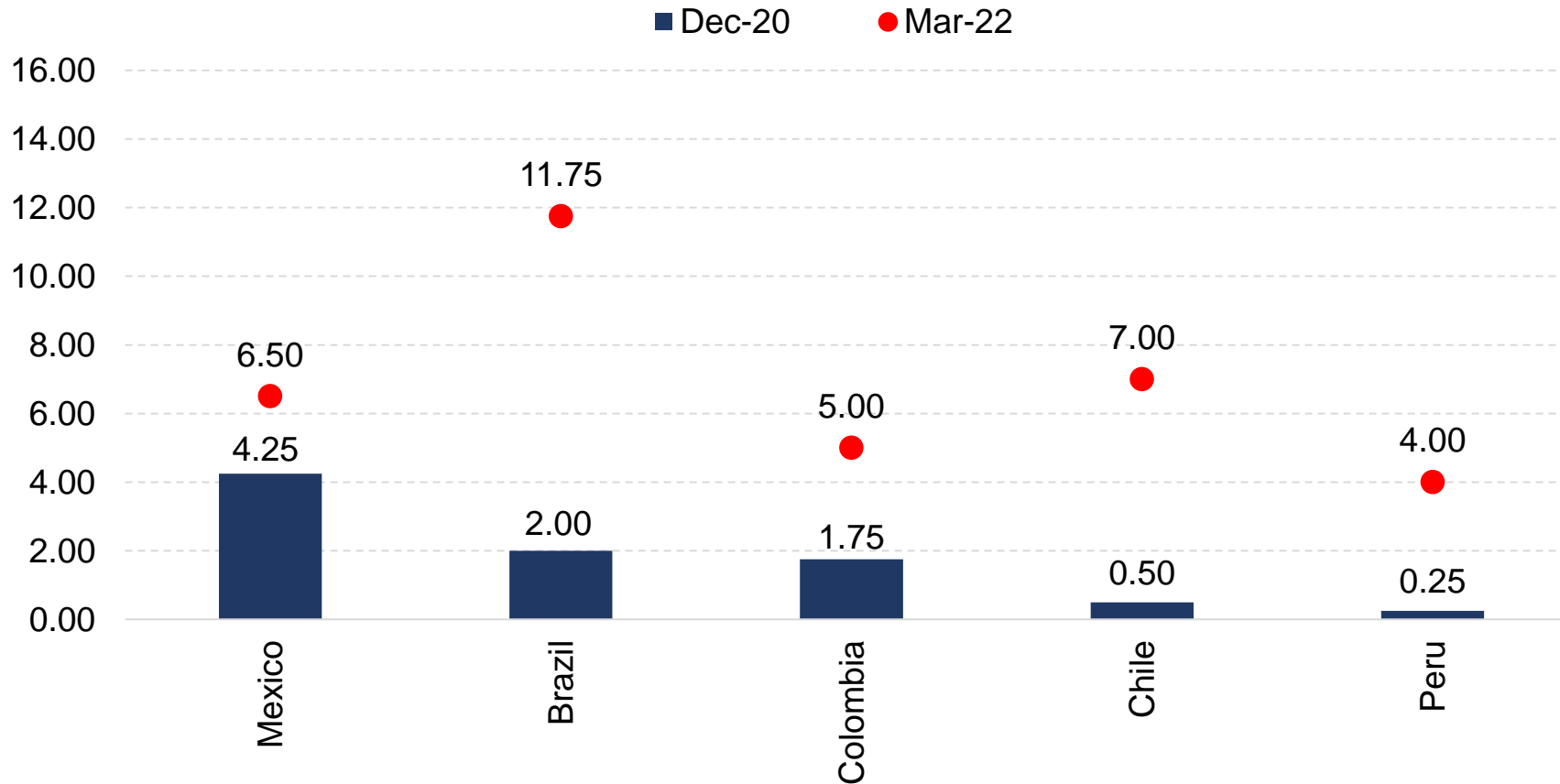
*With inflation expectations.

	Dec.20	Jan.21	Feb.21	Mar.21	Apr.21	May.21	Jun.21	Jul.21	Aug.21	Sep.21	Oct.21	Nov.21	Dec.21	Jan.22	Feb.22	Mar.22
(I) Nominal Rate	0,25	0,25	0,25	0,25	0,25	0,25	0,25	0,25	0,50	1,00	1,50	2,00	2,50	3,00	3,50	4,00
(II) Inflation Expectations	1,68	1,85	1,98	2,11	2,17	2,30	2,43	2,6	3,03	3,07	3,64	3,61	3,71	3,68	3,73	3,75
(III) Real Rate: (I)-(II)	-1,43	-1,60	-1,73	-1,86	-1,92	-2,05	-2,18	-2,35	-2,53	-2,07	-2,14	-1,61	-1,21	-0,68	-0,23	0,25

Source: BCRP.

Central banks in the region have raised their policy rates since August 2021.

Monetary Policy Interest Rates (%)

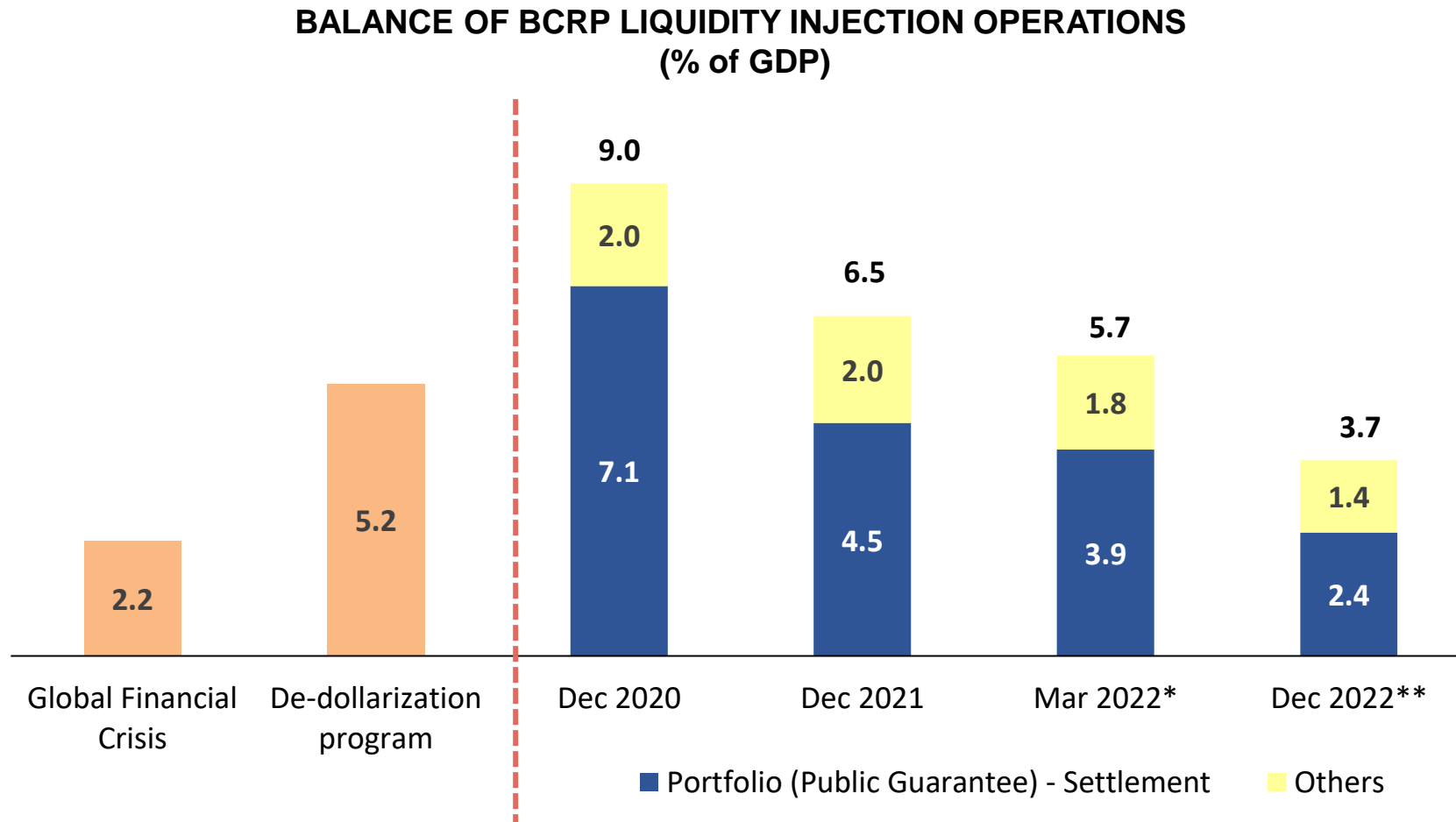


Country	Ex ante real reference rate*
Mexico	1.77
Brazil	6.58
Colombia	0.65
Chile	1.98
Peru	0.25

*Nominal reference rate as of March. Inflation expectations as of February, except for Colombia (March) and Mexico (January).

Source: Central Banks.

Currently, the balance of liquidity operations of the Central Bank represents 5.7 percent of GDP (a third lower than the level at the end of 2020) and is expected to reduce below 4.0 percent of GDP at the end of the year.



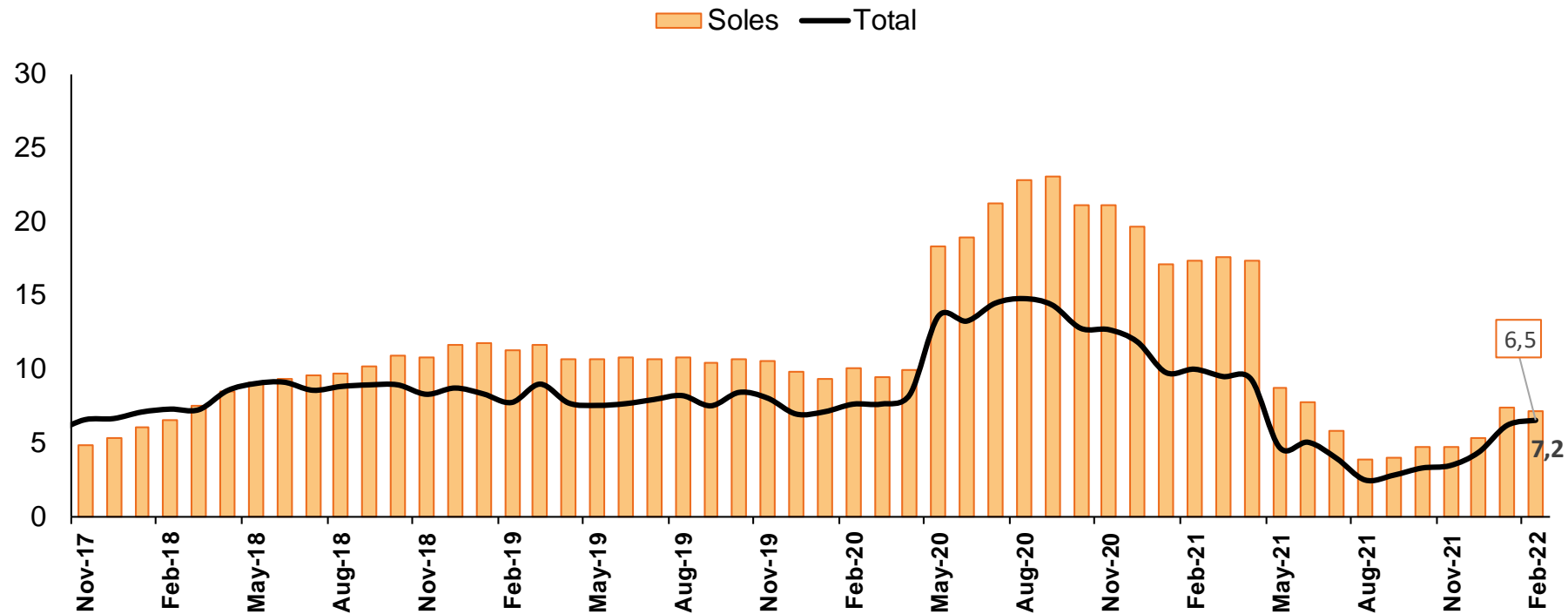
*As of March 30, 2022.

** Forecast

Source: BCRP.

The injection of liquidity through BCRP operations, including the government-guaranteed loan program, allowed for countercyclical credit growth.

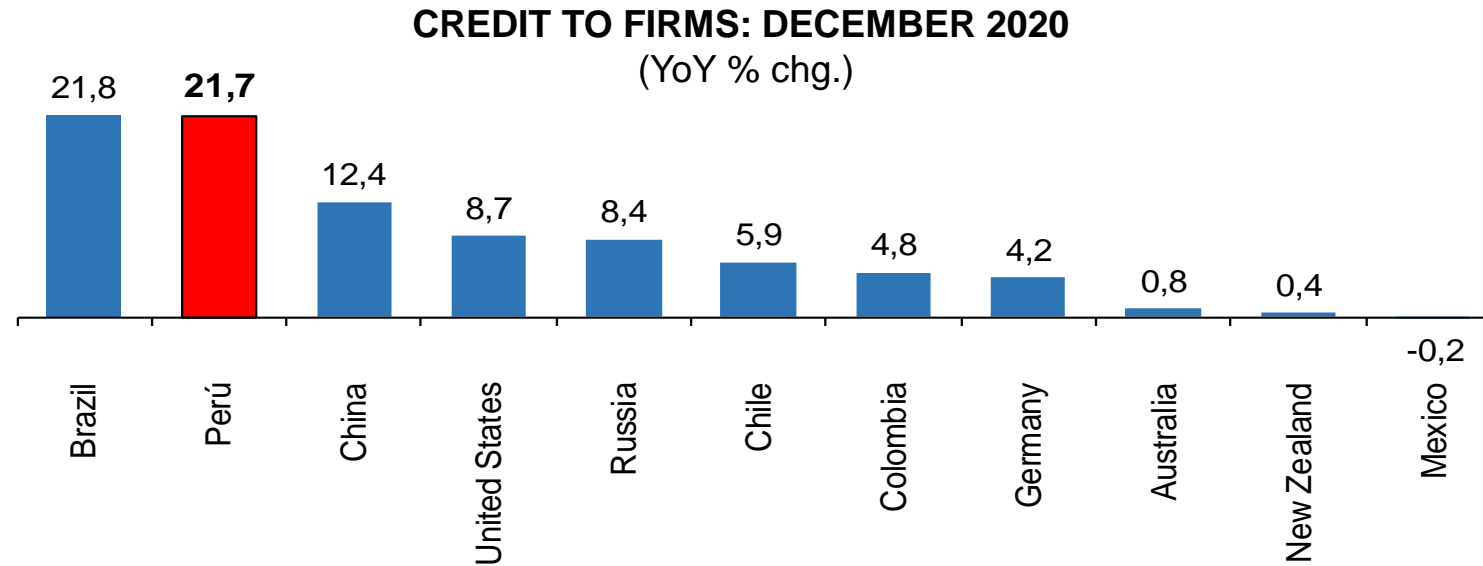
CREDIT TO THE PRIVATE SECTOR (Annual percentage change)



	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20	Mar-21	Jun-21	Sep-21	Dec-21	Jan-22	Feb-22
Domestic Currency	9,8	9,4	18,9	23,1	19,7	17,5	7,7	3,9	5,2	7,3	7,2
Foreign Currency	-0,4	2,8	-2,1	-9,8	-10,6	-13,4	-3,6	-1,3	1,1	2,0	4,0
Total	6,9	7,6	13,2	14,3	11,8	9,5	5,0	2,8	4,4	6,2	6,5

1/ Calculated with constant exchange rate of December 2019.

Liquidity injection through BCRP operations, including under the *Reactiva Perú* government-guaranteed loan program, promoted countercyclical credit growth.



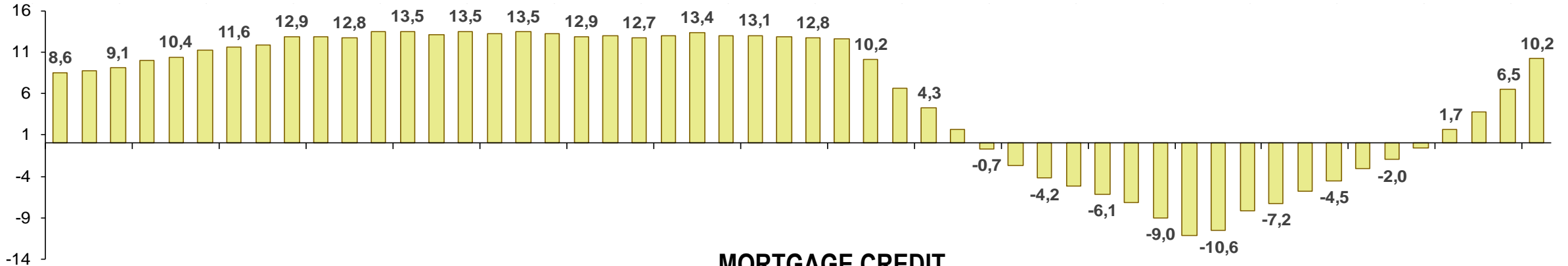
*As of January 2022.

**Excluding amortization payments of the Govm. Guarantee Loan Program.

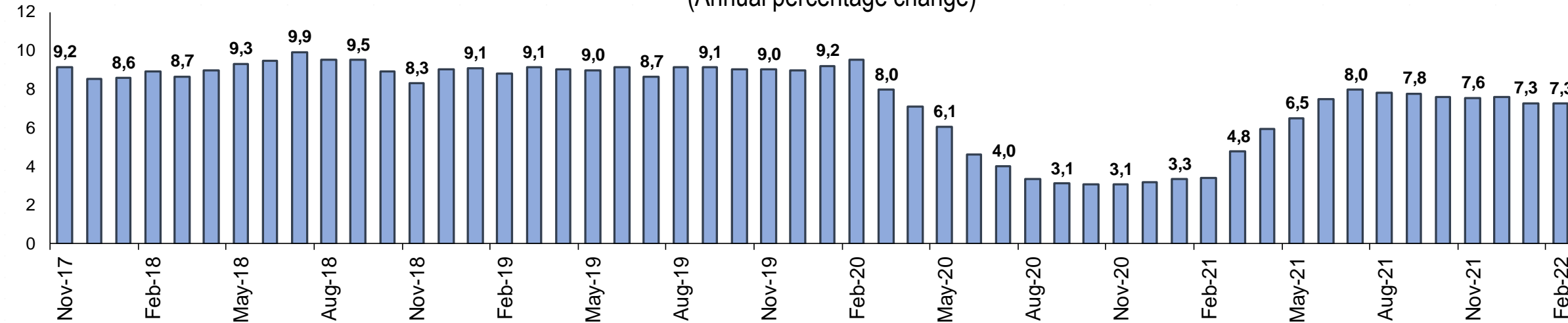
Source: Central Banks.

Mortgage credit maintained a favorable evolution since the beginning of 2021. In contrast, consumer credit began its recovery in November 2021. In February consumption credit grew 10.2 percent, whereas mortgage credit grew 7.3 percent.

CONSUMPTION CREDIT
(Annual percentage change)

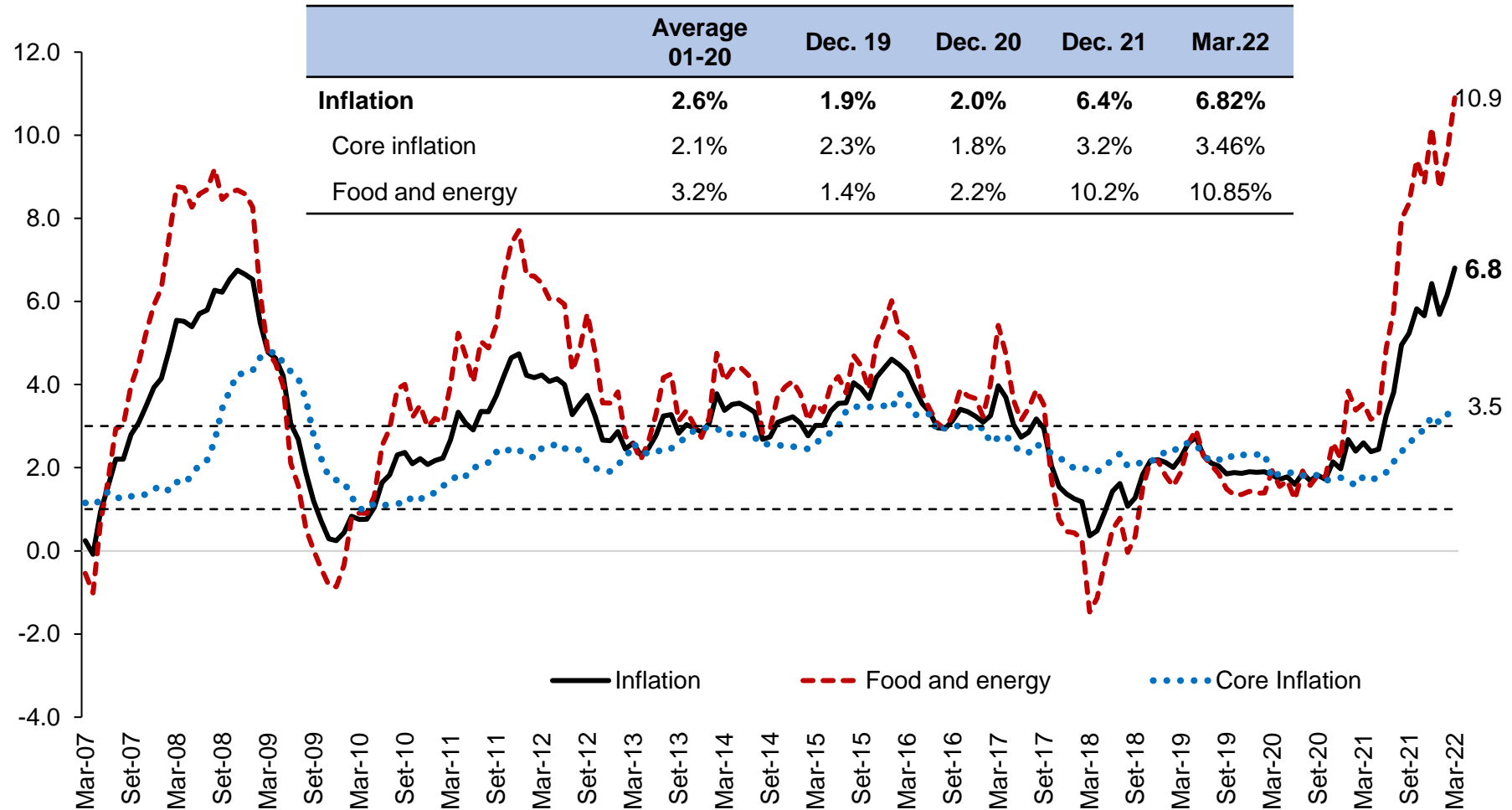


MORTGAGE CREDIT
(Annual percentage change)



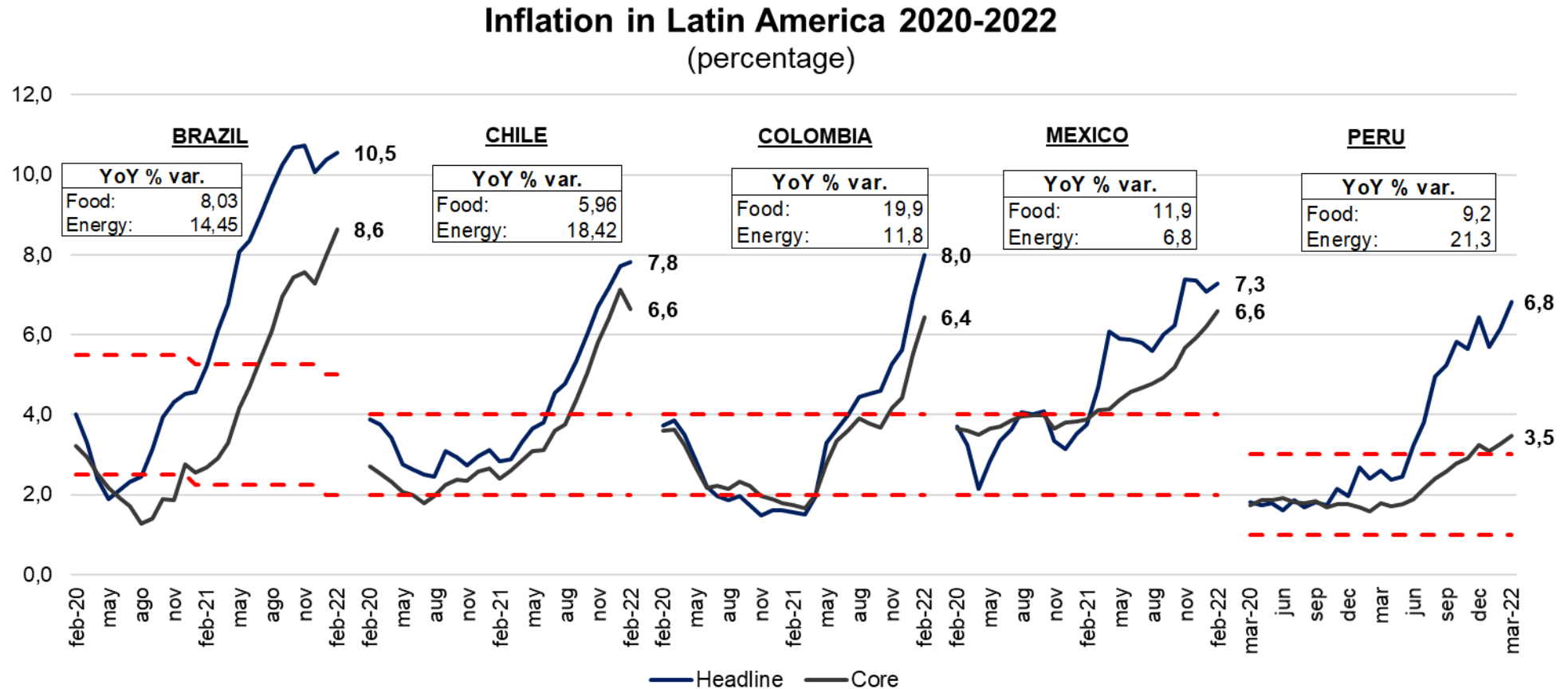
The dynamics of headline inflation in 2021 was highly affected by the external component: prices of food, oil and the exchange rate.

INFLATION, 2007-2022
(YoY % chg.)



Source: INEI, BCRP.

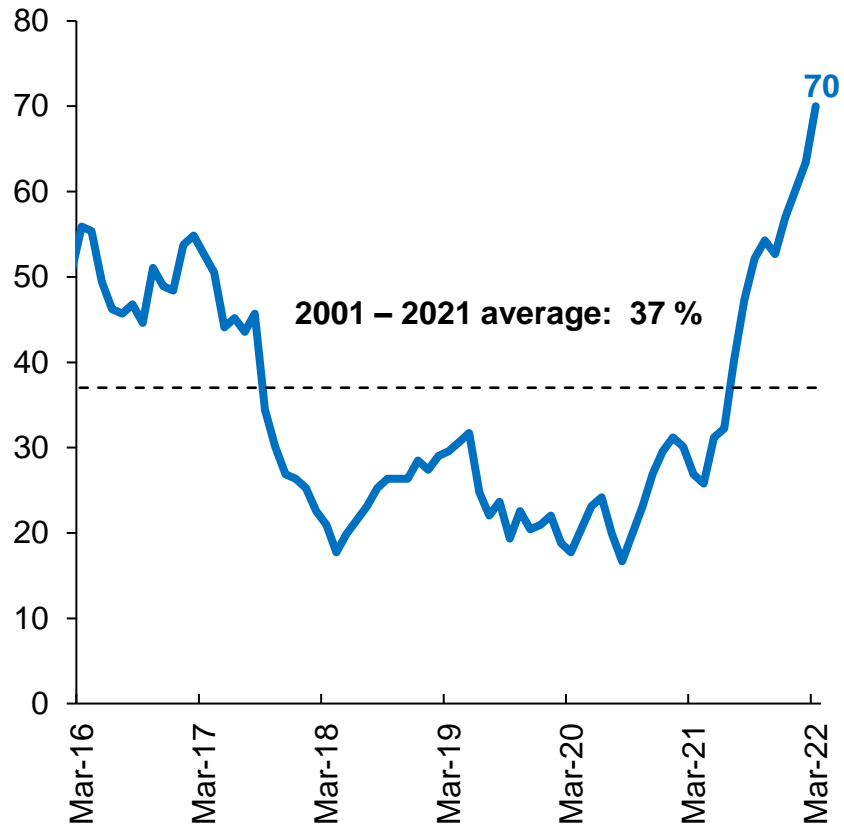
The increase in inflation has been generalized worldwide. As of March 2022, Peru registers one of the lowest headline and core inflation rates in Latin America.



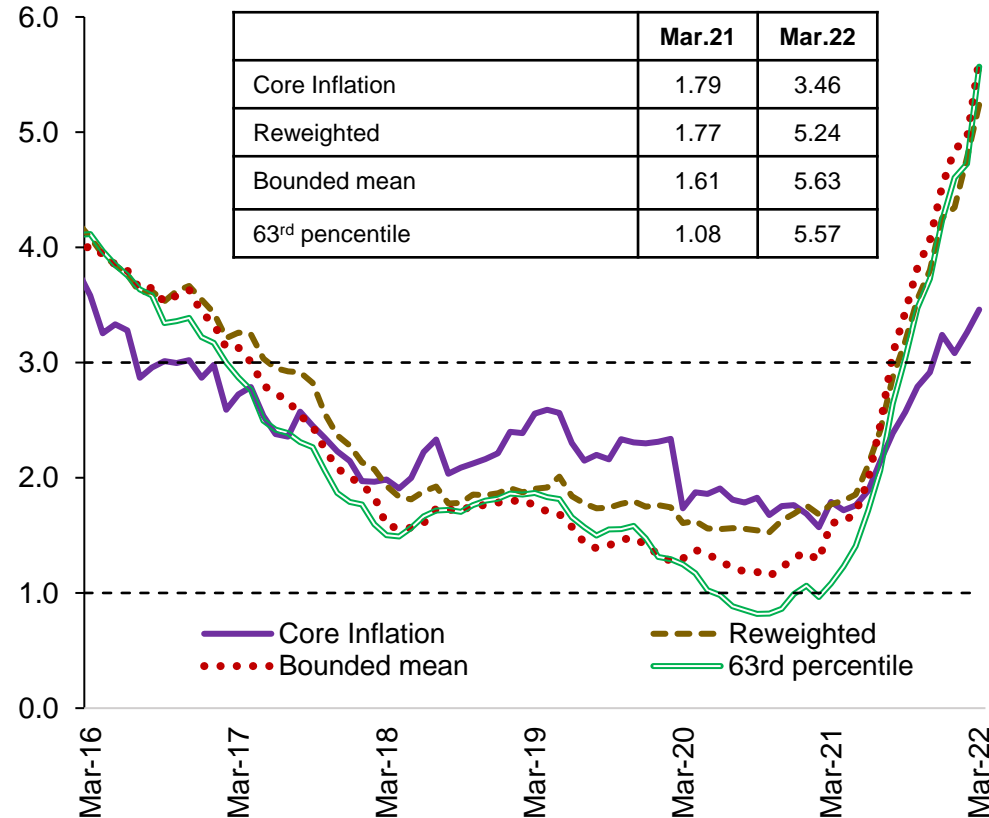
As of March for Peru and February for other countries.
Source: central banks and statistical institutes of each country.

Trend inflation indicators were above the target range in March.

DISPERSION INDEX: % OF BASKET ITEMS WITH VARIATION GREATER THAN 3%



INFLATION TREND MEASURES (YoY % chg.)



Source: BCRP.

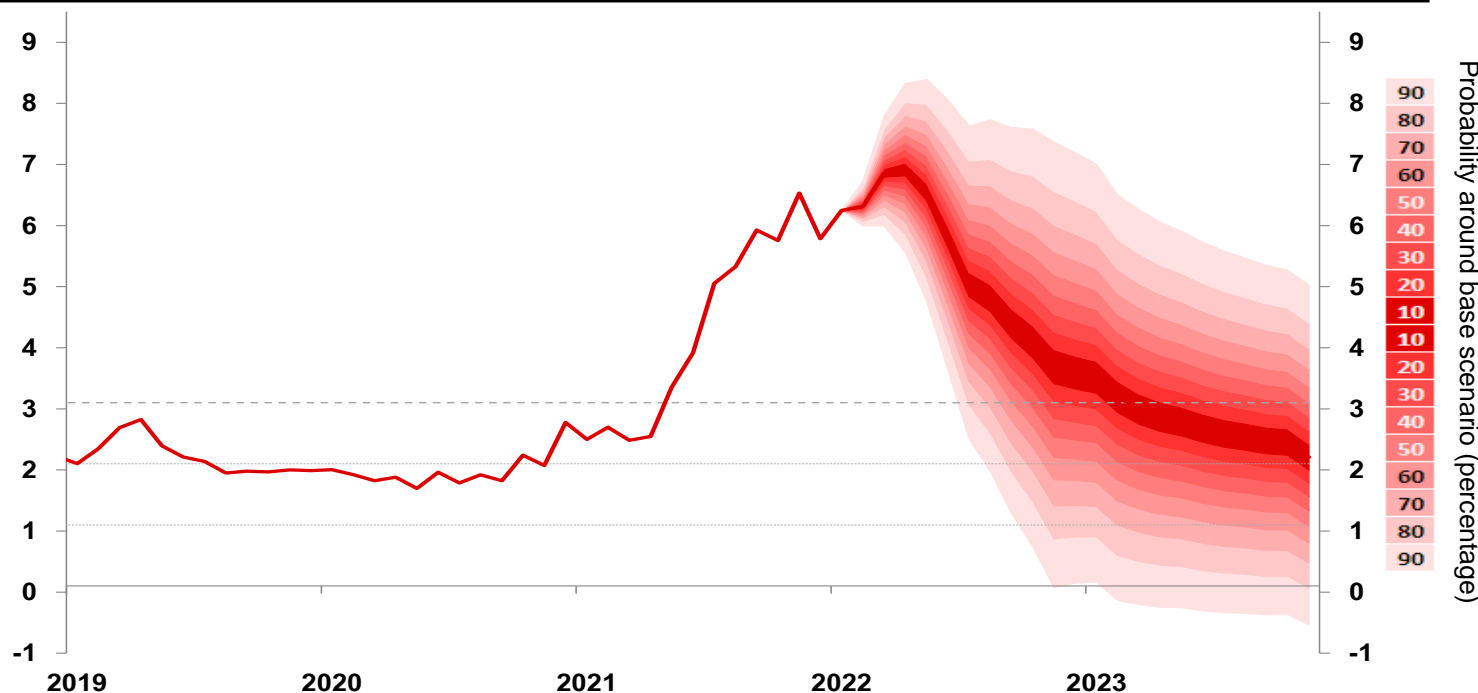
Note:

1. CPI excluding food and energy: CPI excluding food, fuel and electricity.
2. Reweighted: Reduces the weight of items with greater volatility, dividing the original weights of each item by the standard deviation of their monthly percentage variations.
3. Bounded mean: Weighted average of the percentage variations in prices located between the 34th and 84th percentiles.
4. 63rd percentile: Corresponds to the percentage variation of the item located in the 63rd percentile.

Inflation is expected to start its downward trend by July 2022 and converge towards the target range in the first semester of 2023.

INFLATION FORECAST, 2022-2023 (YoY % chg.)

	Weight	2010-19	2018	2019	2020	2021	2022*	2023*
<u>Inflation</u>	<u>100.0</u>	<u>2.9</u>	<u>2.2</u>	<u>1.9</u>	<u>2.0</u>	<u>6.4</u>	<u>3.6</u>	<u>2.1</u>
1. Core inflation	55.3	2.4	2.2	2.3	1.8	3.2	3.2	2.0
2. Food and energy	44.7	3.4	2.2	1.4	2.2	10.2	4.0	2.2



Note: The graph shows the probability of occurrence of inflation values in the future, according to the combination of statistical analysis and the balance of risks. Each band concentrates 5% of probability and the total of bands cover 90% of probability. The darkest bands contain the trajectory of the baseline scenario.
Source: BCRP.

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Closing remarks

CLOSING REMARKS

- 1. The BCRP expects all economic sectors to recover to the pre-crisis levels for the 2023 and that headline inflation converges to the target inflation range in the first semester of 2023.**
- 2. The normalization of monetary policy is supported not only by raising its policy rate but also by reducing the central bank's balance sheet.**
- 3. The Central Bank will continue to monitor various indicators of the global economy and assess the magnitude of the risks that may affect our economy in order to take action in a timely manner.**
- 4. It is crucial to preserve a stable and predictable economic and legal framework.**



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