

**Argentina's Economic Program (Stage 3):  
Domestic Stability (Lower Money Stocks & Balanced Fiscal  
Flows) Provides a Solid Foundation to Build  
External Flexibility (Higher FX Stocks & Balanced BOP Flows)**

11th BBVA Latin America Conference  
London, January 20<sup>th</sup>, 2025

Vladimir Werning, Deputy Governor of the BCRA



BANCO CENTRAL  
DE LA REPÚBLICA ARGENTINA

# Domestic Stability Provides a Solid Foundation to Build External Flexibility

## I. Collapsing Inflation Expectations: Where are they Heading? (South) and Why? (Rapid Policy Delivery)

- 1 | Putting an End to a High Inflation Regime: Fiscal, Monetary & FX Policy Shift Averts Hyperinflation
- 2 | Perception Among the General Public: Inflation is Low and Expected to Decrease Further
- 3 | Revisions to Analysts' Forecasts: Disinflation advances steadily, avoiding Road-blocks and Pot-holes
- 4 | Pricing in Financial Markets: Break-Even Inflation is Discounted to Fall Amid Limited Inertia

## II. Strong Policy Anchors: Which are Working? (Nominal & Real) and How? (Broad Policy Consistency)

- 1 | Fiscal policy: Restrained Demand, Eliminated Peso Financing & Sterilizes BOP Flows
- 2 | Monetary Policy: Shrunk Peso Stocks & Flows, Cleared Peso Contingencies & Lifted Real Rates
- 3 | FX policy: Realigned Relative Prices (Jump) & Reduced Inertia/Indexation (Crawl)
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## III. Widespread Impact: In What Dimensions? (Real Variables & Animal Spirits) and When? (Policy Lags & Credibility)

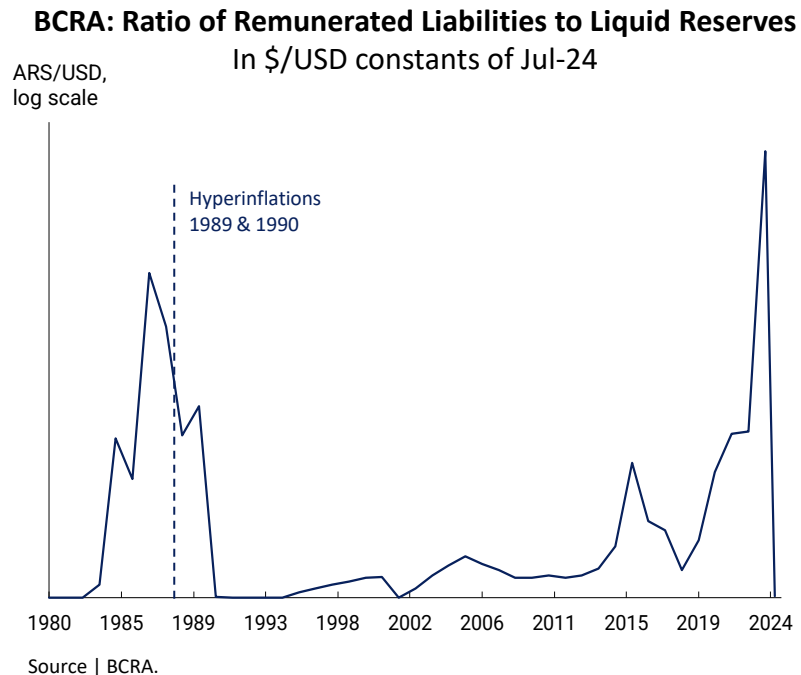
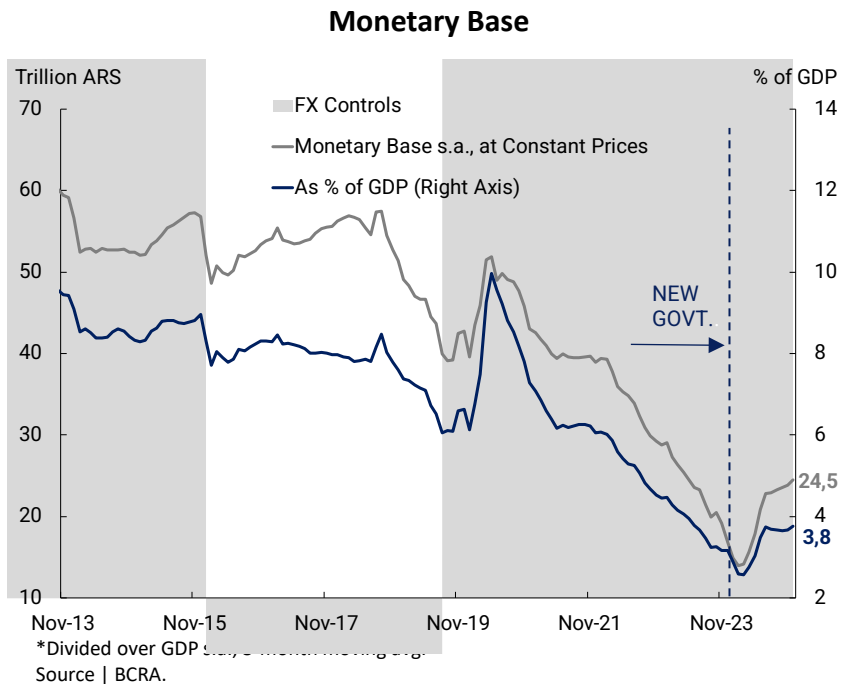
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# Collapsing Inflation Expectations

1. In 2024, an unprecedented fiscal, monetary and FX policy rebalancing reversed the collapse of money demand and averted hyperinflation

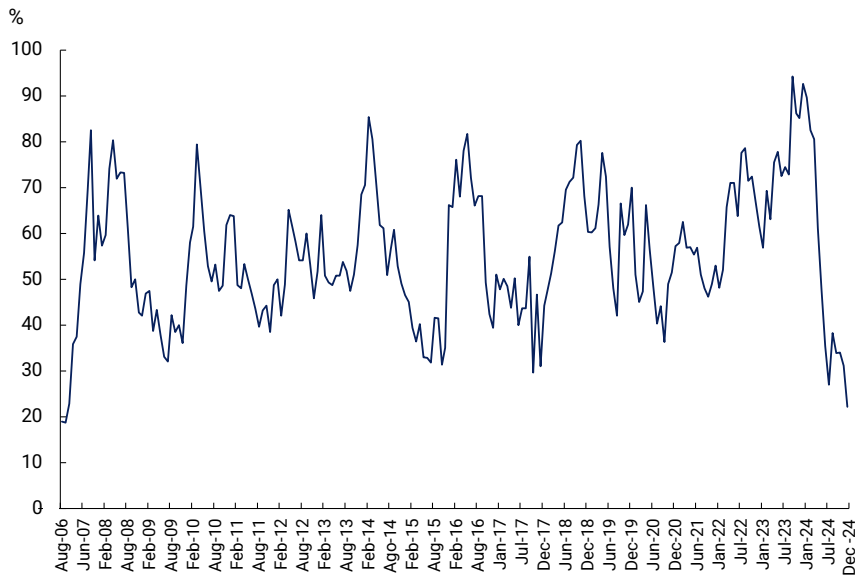


**As money demand collapsed the alarm bells for hyperinflation risk (remunerated liabilities-to-FX asset ratio) sounded louder in 2023 than during past episodes when Argentina had collapsed into hyperinflation (1989-90)**

# Collapsing Inflation Expectations

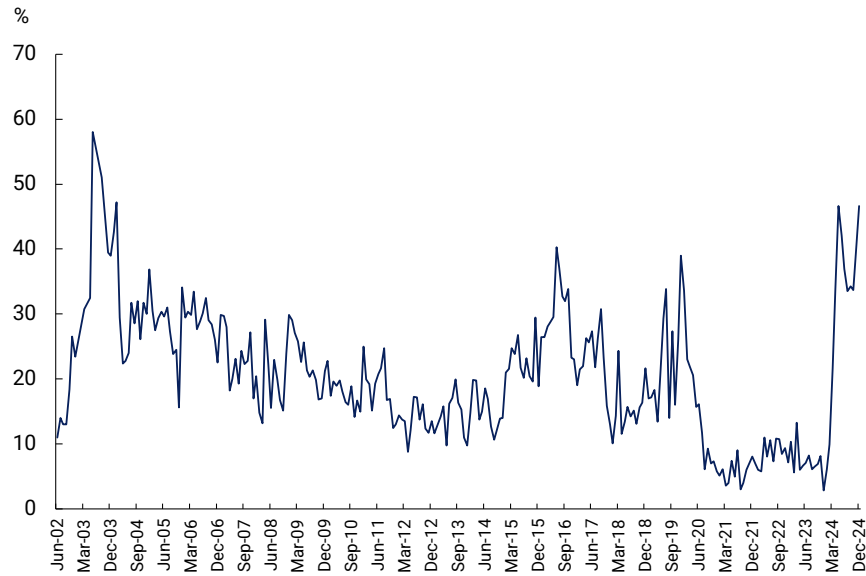
2. By the end of 2024, the general public's perception of inflation and inflation expectation improved to levels not seen in two decades

### Opinion Poll Responses: Perception of Previous Month's CPI Inflation Increased Significantly



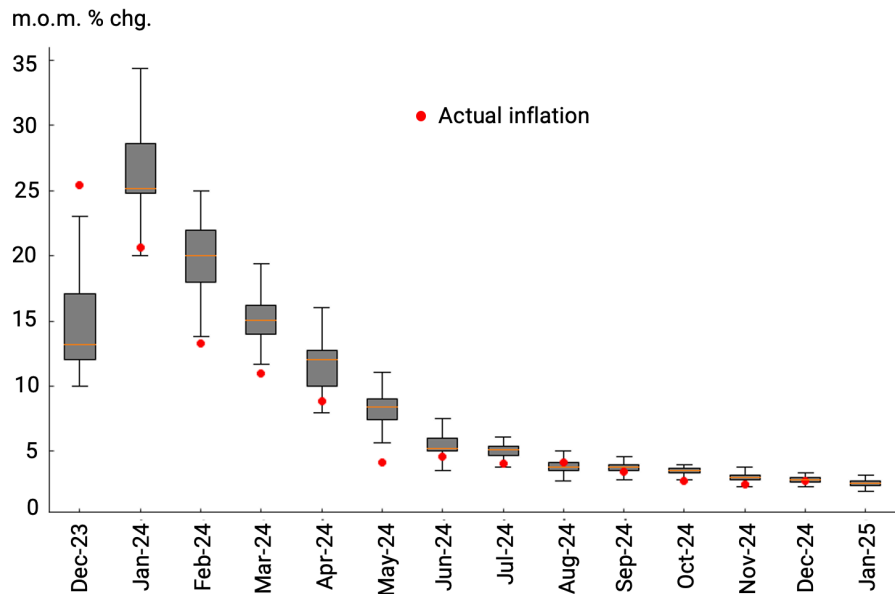
Source | Poliarquía Consultores national survey

### Opinion Poll Responses: Expectation for Next 3 Months' CPI Inflation Will Remain Stable / Will Decrease



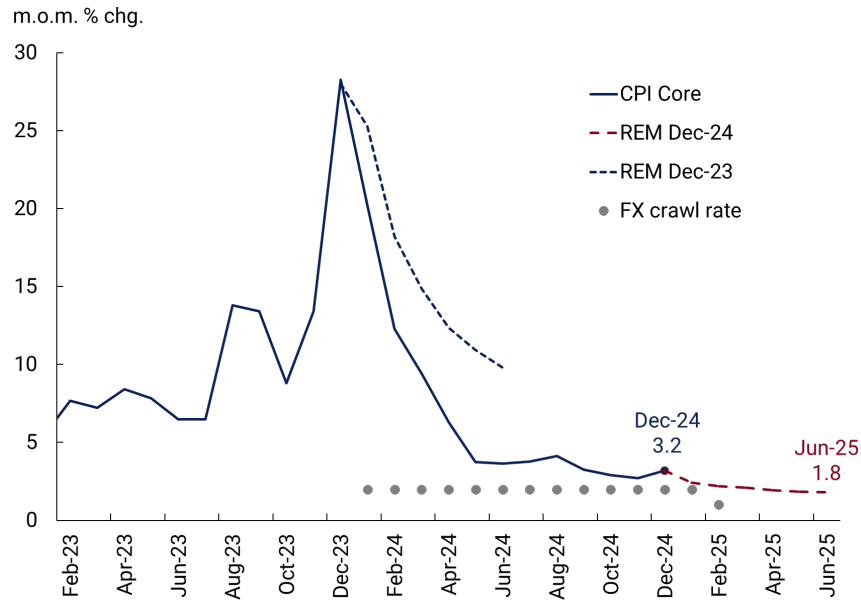
Source | Poliarquía Consultores national survey

### Headline CPI Performance: Consensus forecast (REM) and Actual CPI (INDEC)



Source | Market Expectations Survey-BCRA and INDEC.

### Core CPI Inflation, Inflation Expectations (REM) and FX crawl rate

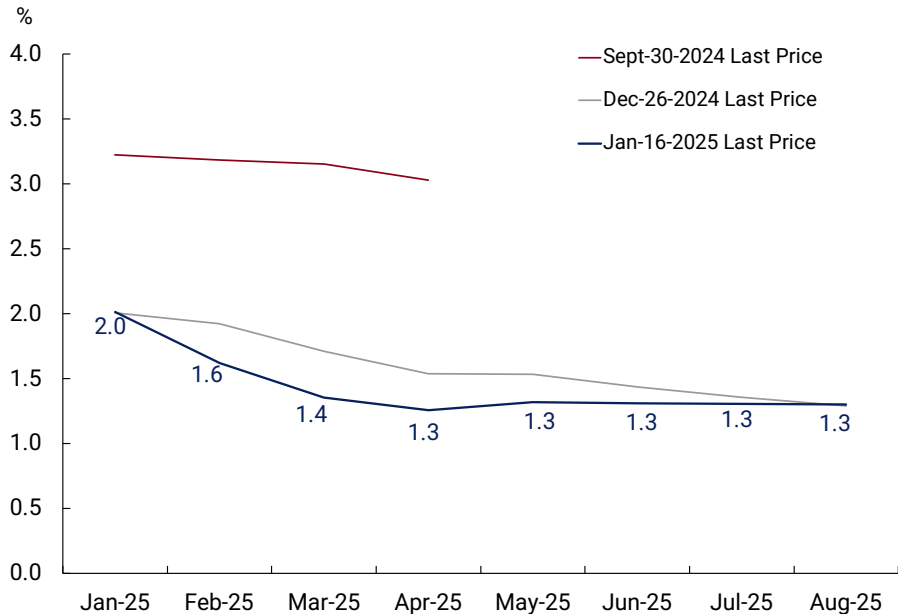


Source | BCRA on data from Market Expectations Survey-BCRA and INDEC.

# Collapsing Inflation Expectations

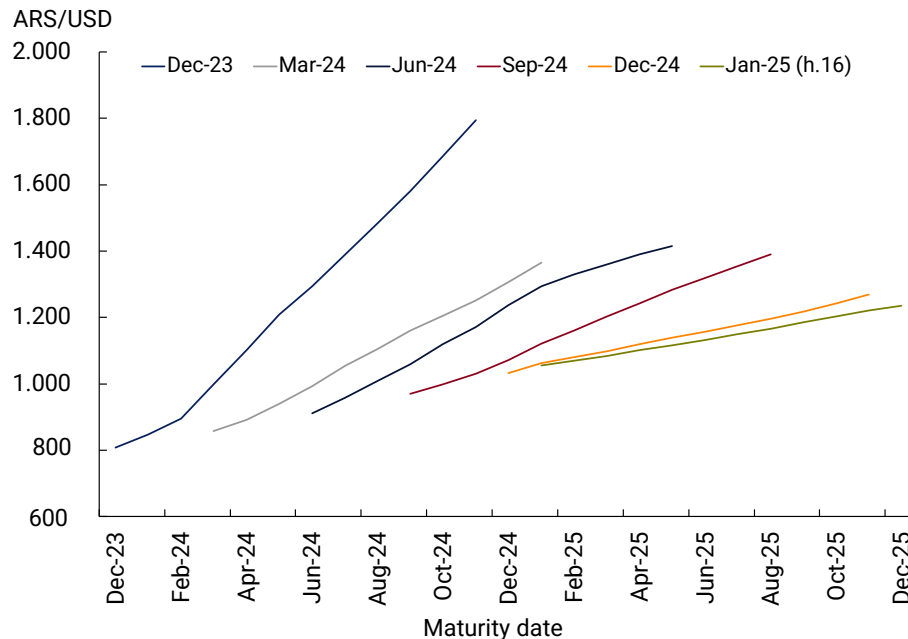
4. By the Beginning of 2025, market prices of domestic Treasury securities were discounting lower B/E inflation and futures priced increased credibility of the FX regime

### Breakeven Monthly Inflation priced in Domestic Treasury Securities



Source | BCRA from Bloomberg data.

### FX futures (ROFEX)



Source | BCRA from ROFEX data.

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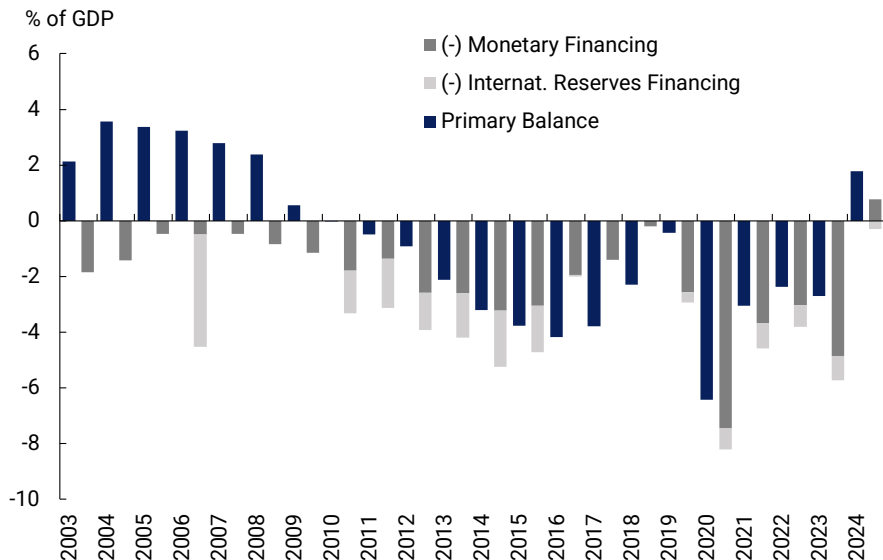
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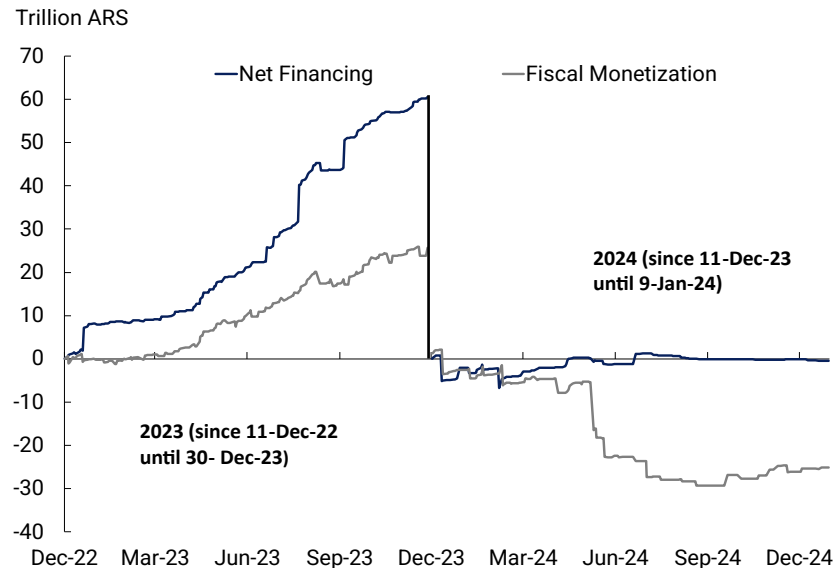
### Primary Fiscal Balance & BCRA Financing of Treasury Monetary and Reserve



Note | For 2021 SDR Allocation of \$427.4 Billion is not Considered. For 2022 Excess Primary Income from Primary Debt Placement is not Included. 2024: Monetary (Temporary Loans + Dividend Payouts + PUTs and BIDs on Banks net of LECAPs backup at BCRA) and International Reserves Financing (IOUs Placement) since 10<sup>th</sup> Dec-23.

Source | BCRA from Ministry of Economy data and INDEC data.

### Accumulated Net Financing From the Central Bank to the Treasury and the Accumulated Monetary Impact of Fiscal Policy At Constant Prices as of December 31, 2024.



Net financing : IMF definition, 7<sup>th</sup> Reviews

Fiscal monetization: Fiscal transactions with monetary impact

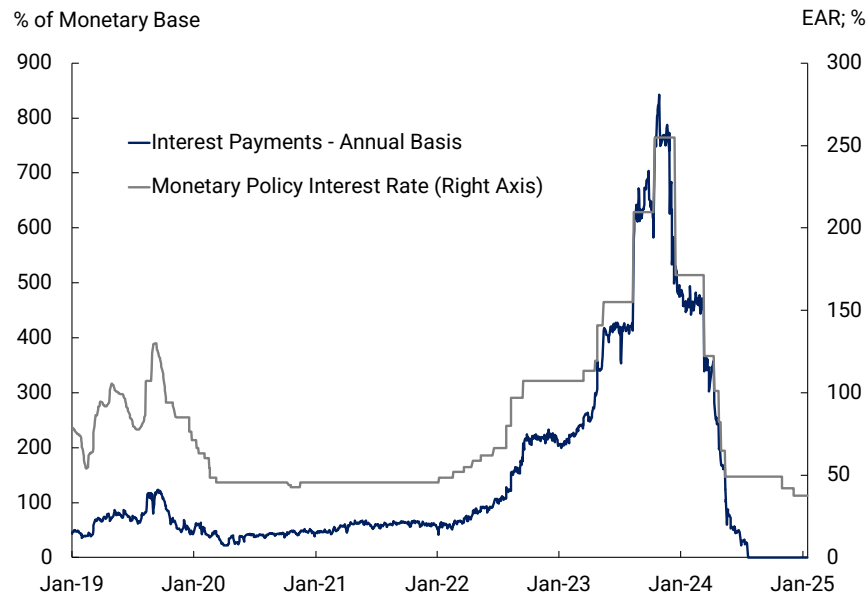
Source | BCRA.

### BCRA Remunerated Liabilities Relative to the Monetary Base



Source | BCRA.

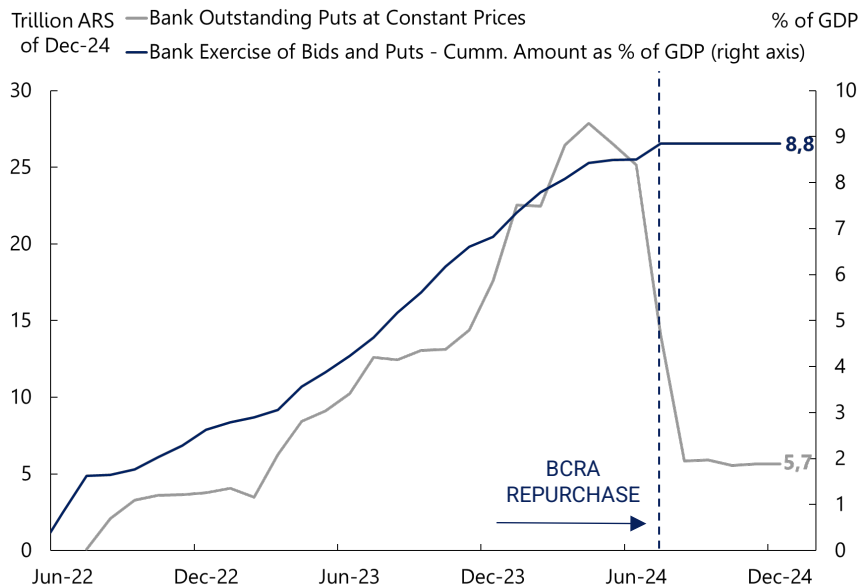
### Interest payments on remunerated liabilities of the BCRA (expressed as BM-equivalent issuance) and policy rate



Note | Data as of January 16, 2025.

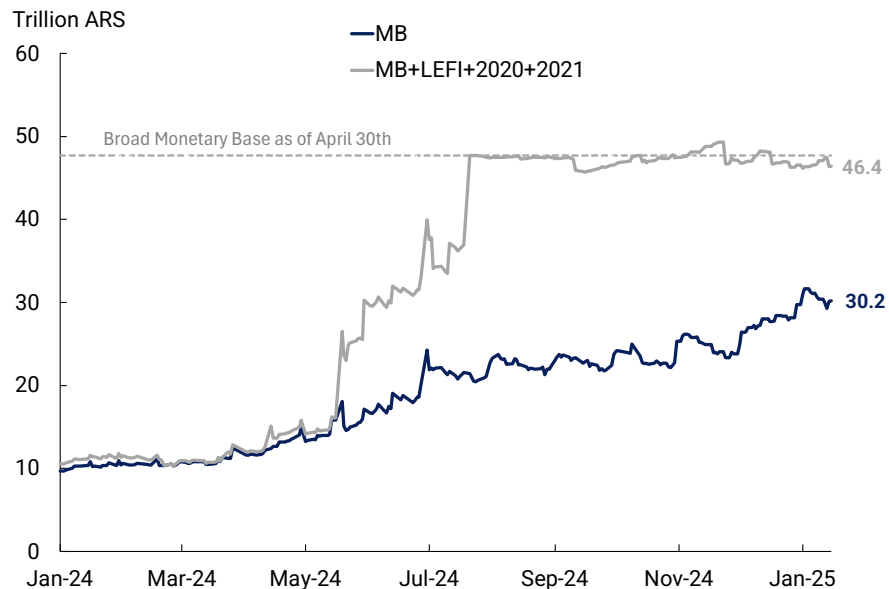
Source | BCRA.

**Banks Bids and Puts on Treasury Holdings**  
Market value at constant prices and % of GDP



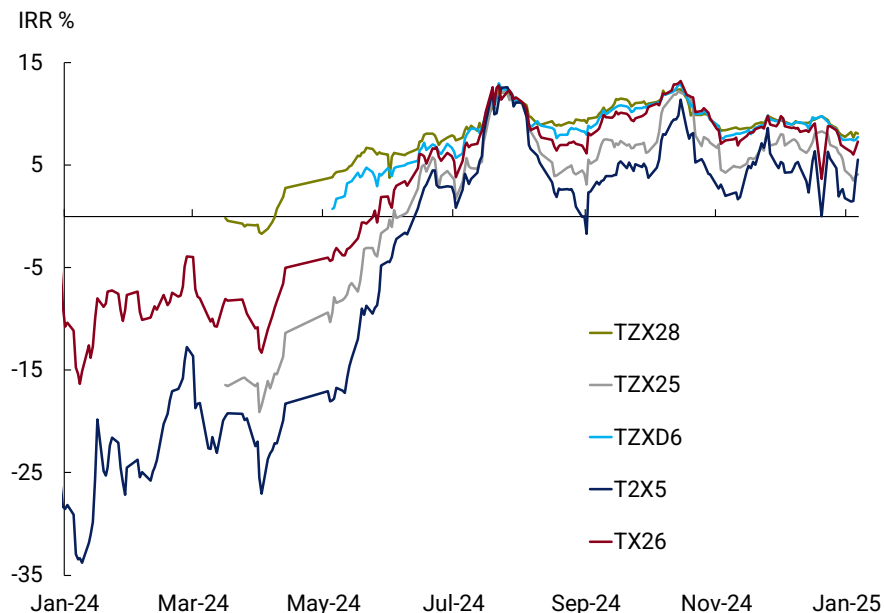
Note | BCRA repurchases banks' put option contracts at acquisition cost + inflation - time decay  
Source | BCRA.

**Monetary Base and Fixed Liquidity Level**  
At Current Prices



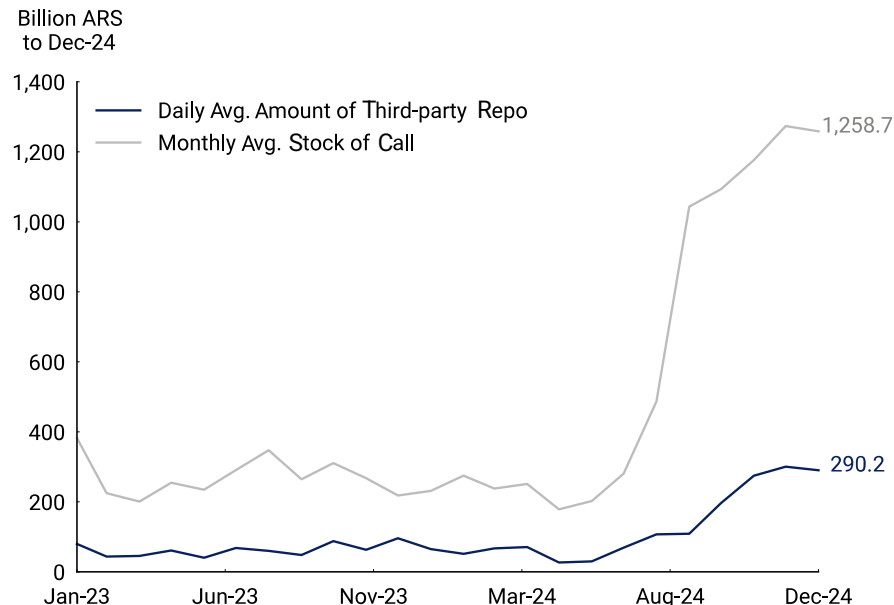
Source | BCRA.

### Real Interest Rates on Inflation Indexed (CER) Treasury Securities



Source | BCRA based on IAMC data.

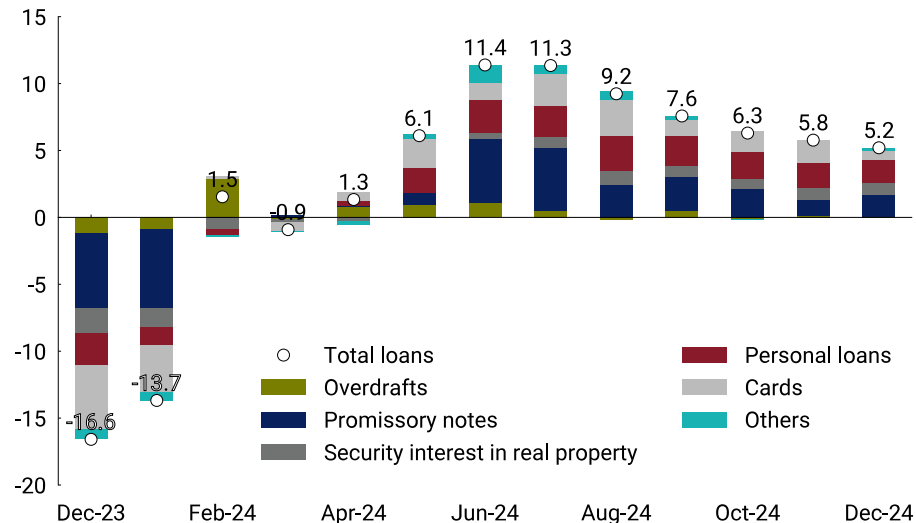
### Interbank Lending and Private O/N Repo Market



### Loans to the Private Sector in ARS

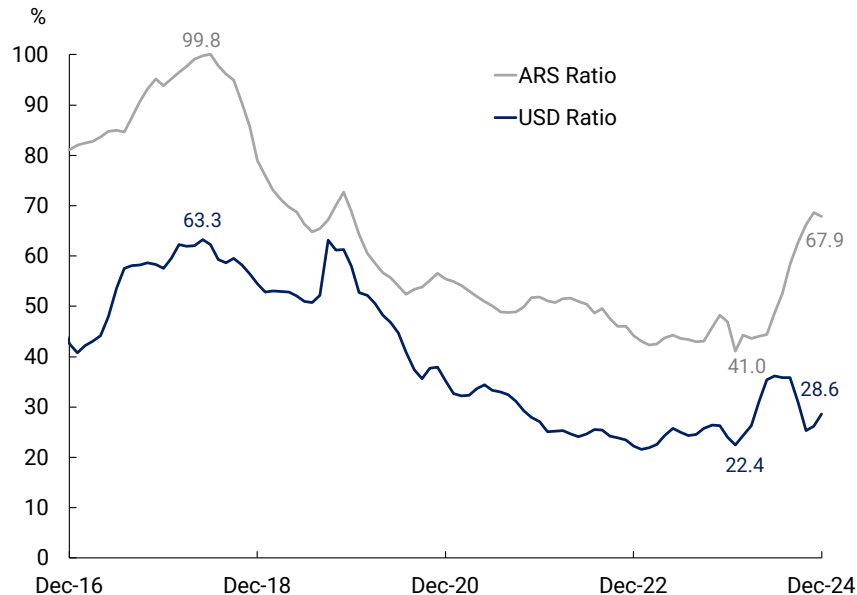
At constant prices, s.a.

Monthly % Chg. s.a.



Source | BCRA.

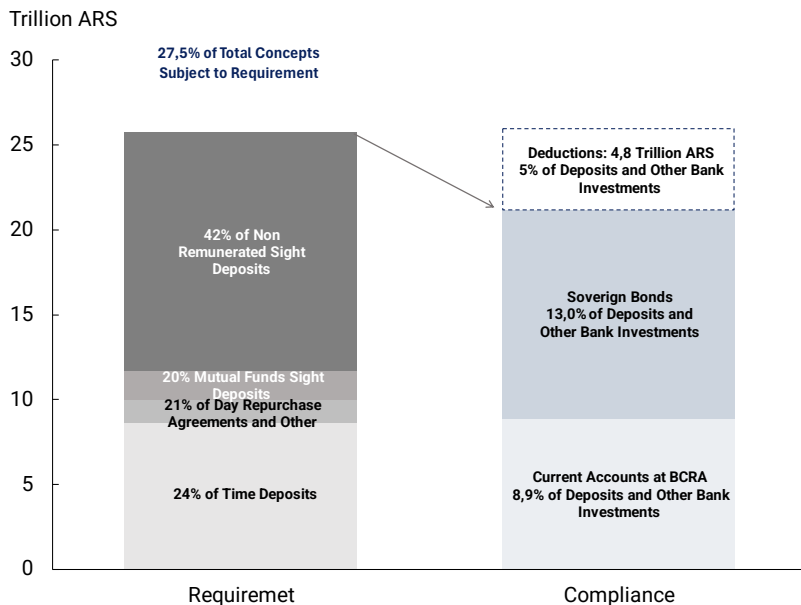
### Private Sector's Loan to Deposit Ratio



Source | BCRA.

Minimum Cash Requirement in Pesos

Requirement and Effective Composition as of November 2024



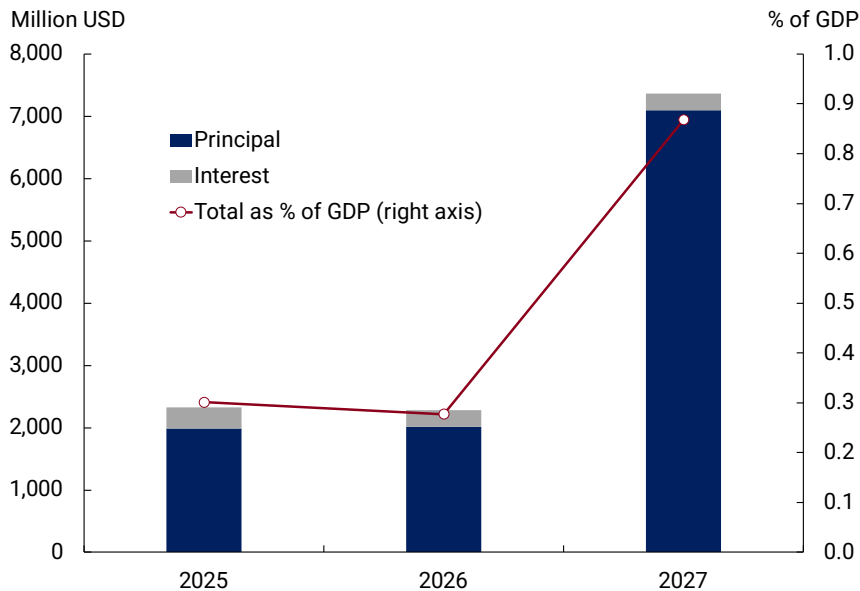
Source | BCRA.

Minimum Cash Requirement in Pesos  
% of Deposits and other Covered Items

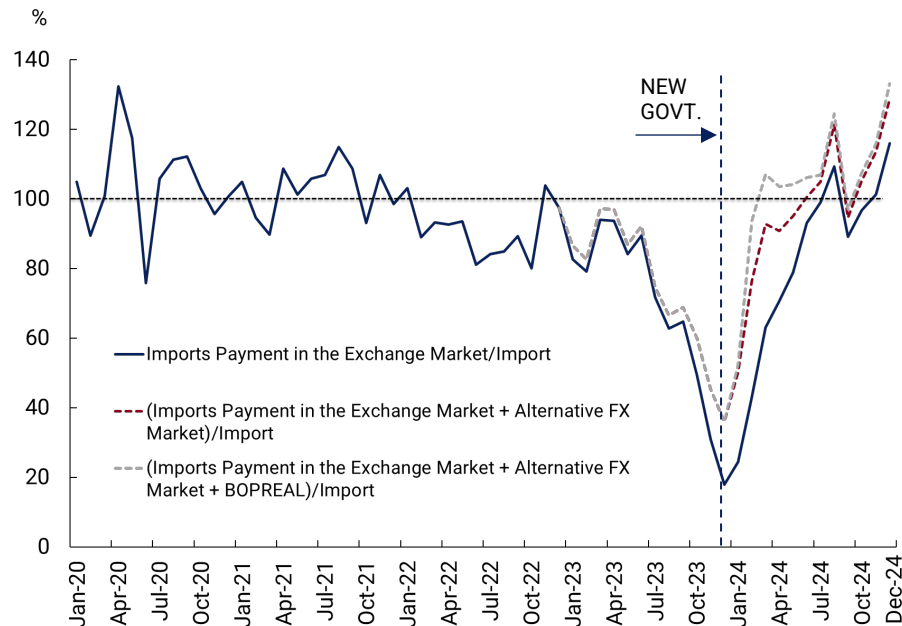


Source | BCRA.

Maturity Profile of BCRA-Importer FX Swap (BOPREAL)



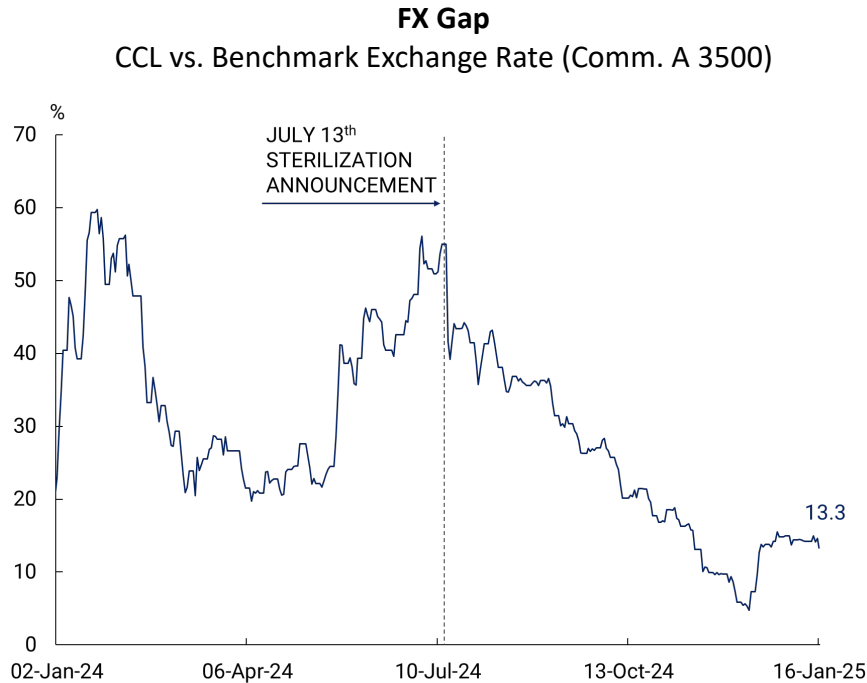
Ratio of Import Payments to Total Imports



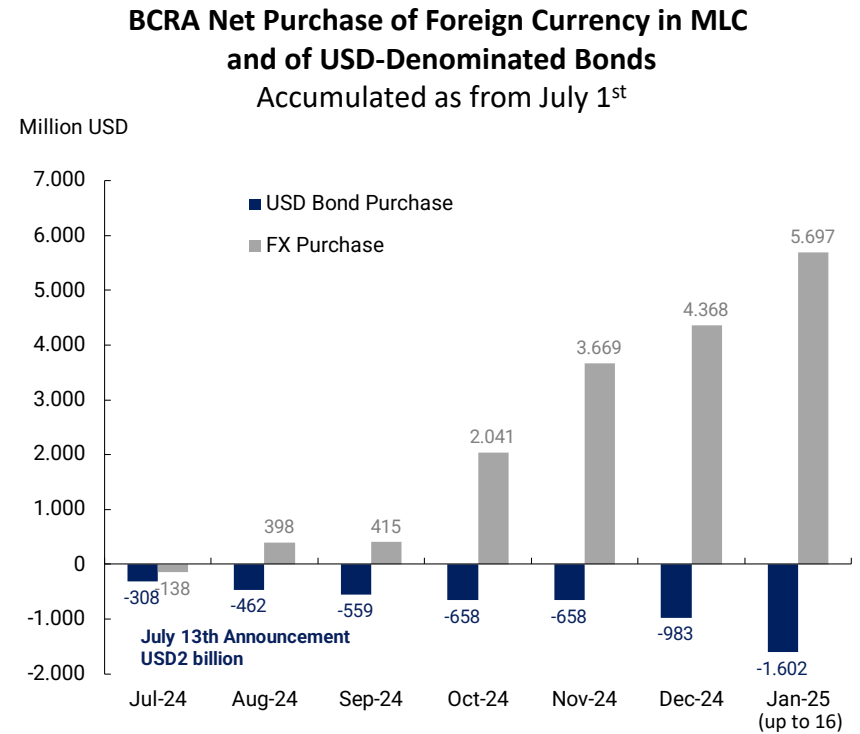
Note | GDP in dollars based on Market Expectation Survey (REM-BCRA) December 2024. In 2027, it assumes a variation of the nominal exchange rate equal to inflation.

Source | BCRA and REM-BCRA.

Source | BCRA.

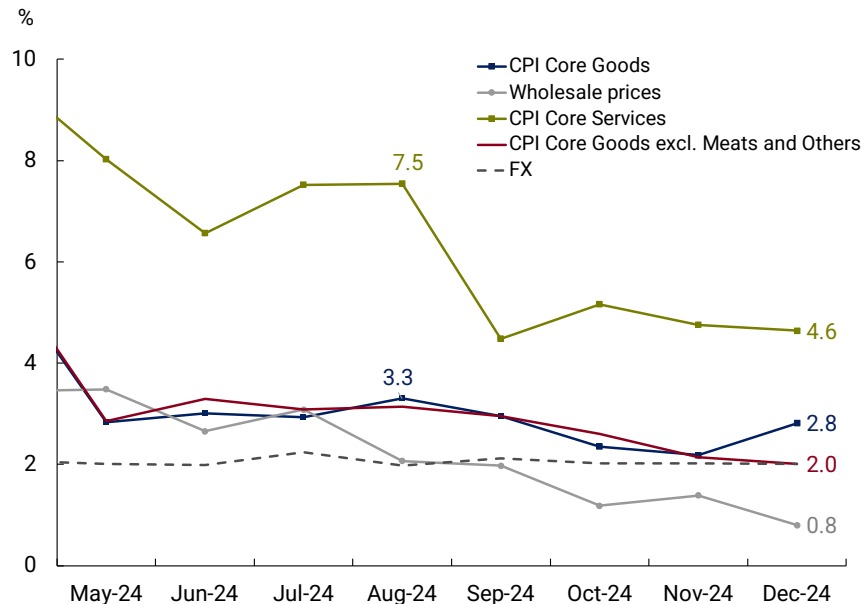


Note | Last data January 16.  
Source | BCRA and Ámbito Financiero



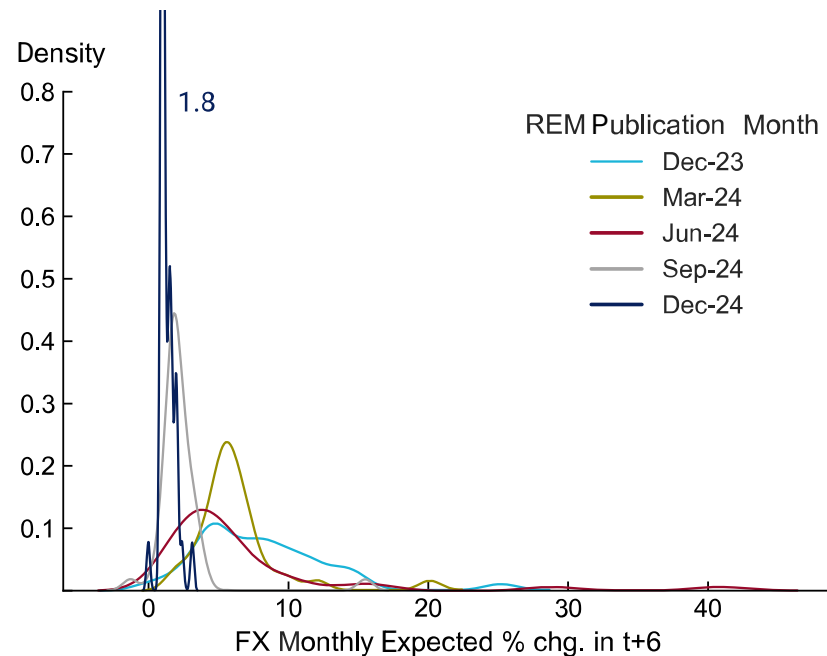
Source | BCRA.

### Monthly Inflation and FX Crawl Rate



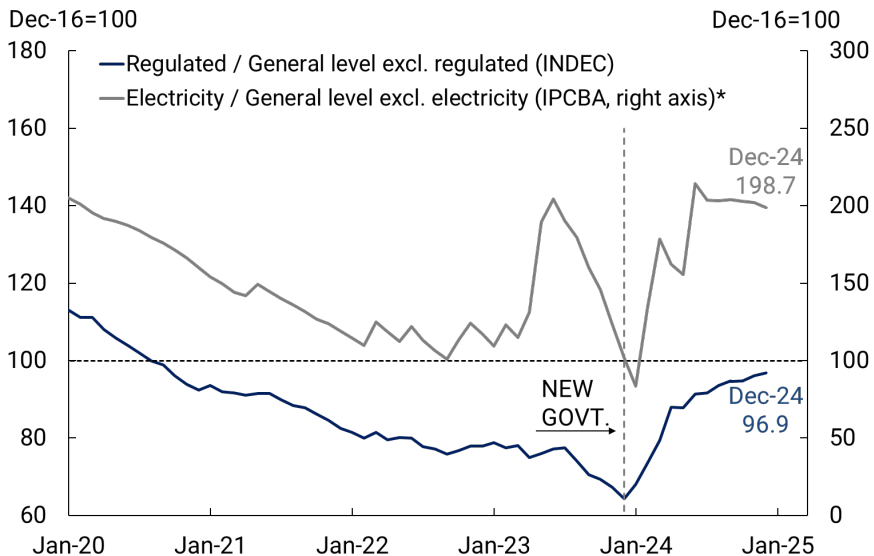
Source | BCRA based on INDEC data.

### Distribution of Analysts' FX Forecasts around Consensus (REM)



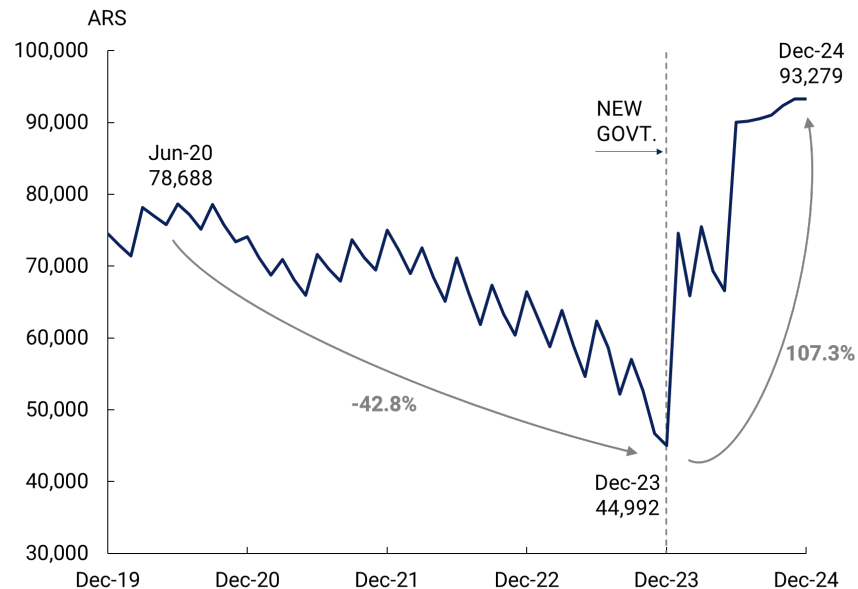
Source | Market Expectations Survey-BCRA.

**Regulated CPI / General CPI Excluding Regulated Items**



\*based on CPI of Buenos Aires City.  
Source | INDEC and IDECBA

**Universal Child Allowance  
at Constant Prices of December 2024**



Source | BCRA, Ministry of Economy and INDEC.

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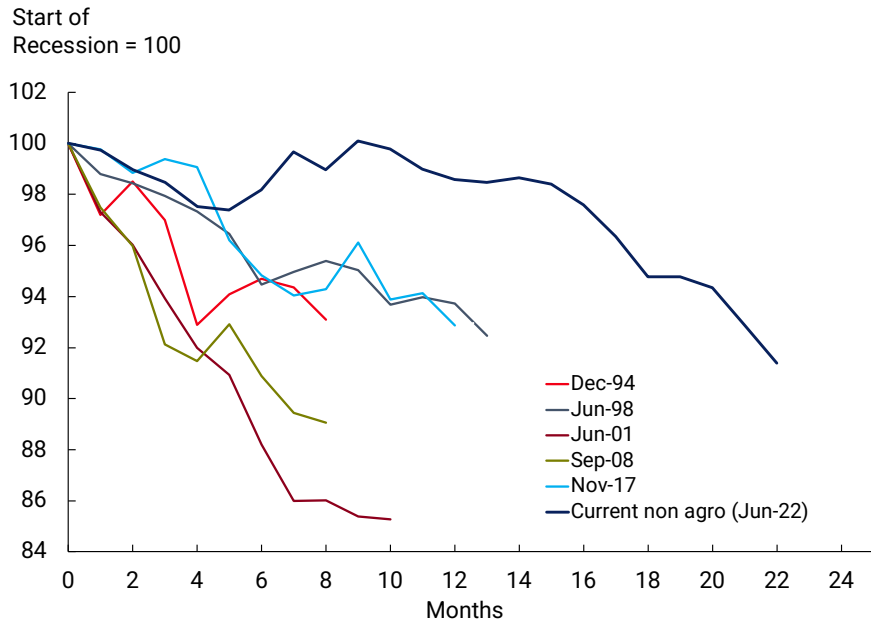
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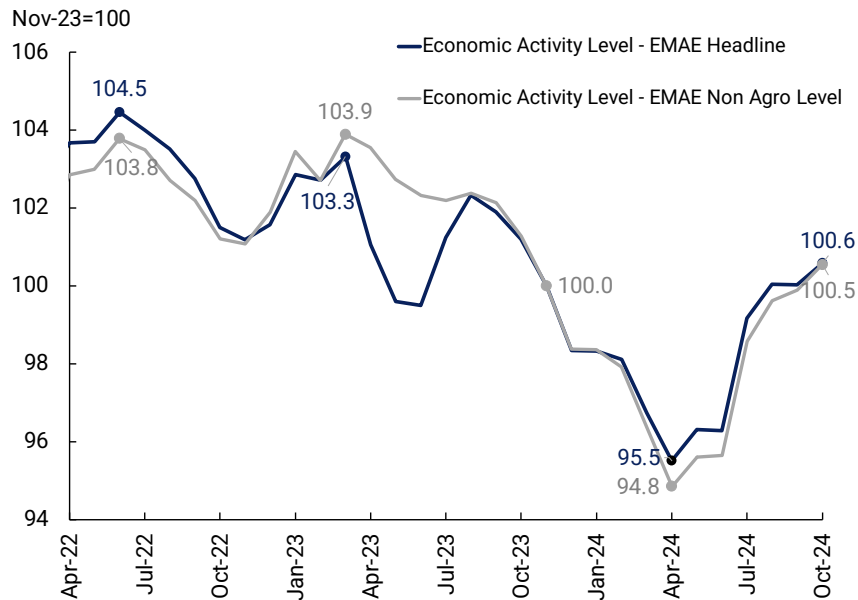
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### Recessions (EMAE)



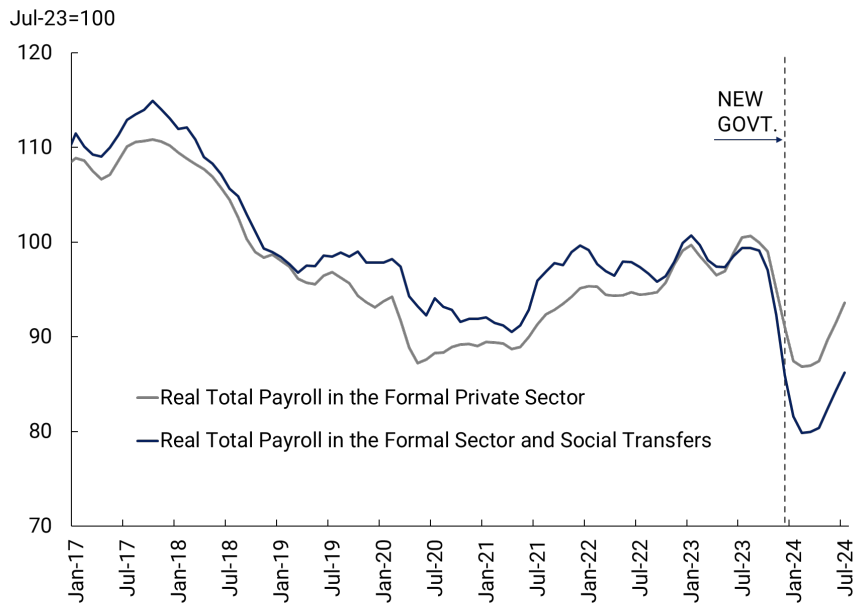
Source | BCRA from INDEC data.

### Economic activity. EMAE Adjusted for Seasonality



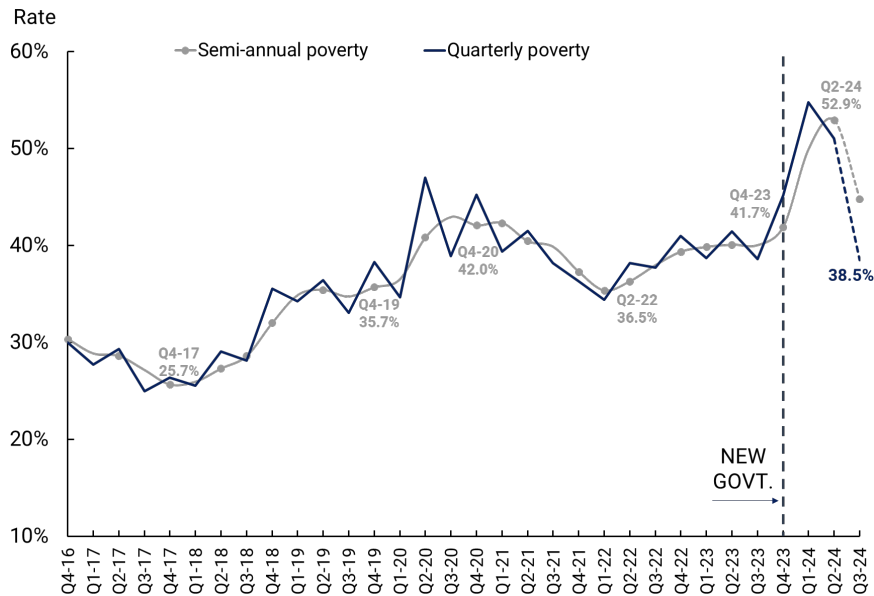
Source | BCRA based on INDEC data.

**Real Payroll s.a. (Private Formal and Broad)**  
3-Months Centered Moving Average



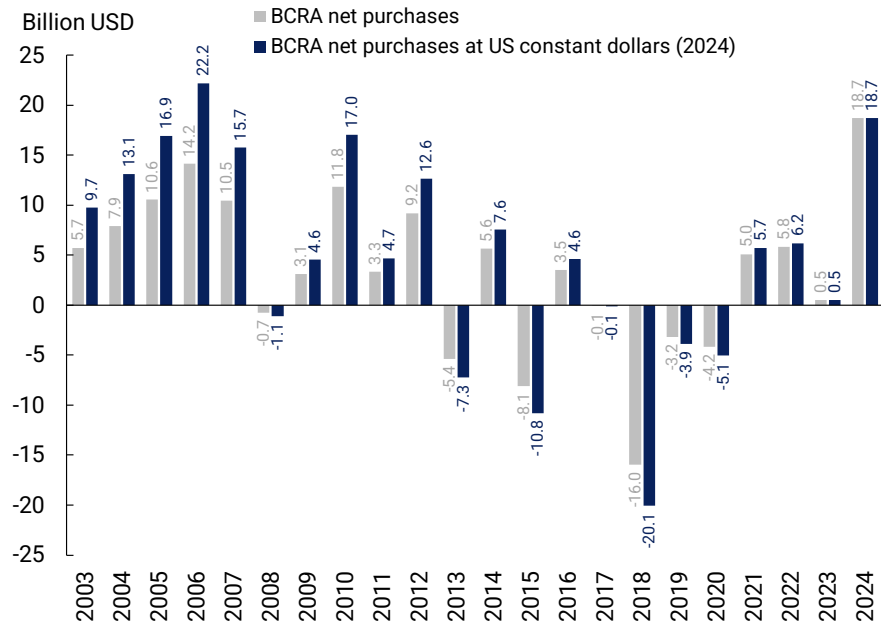
Source | BCRA from STEySS, Ministry of Economy and INDEC data.

**Poverty**



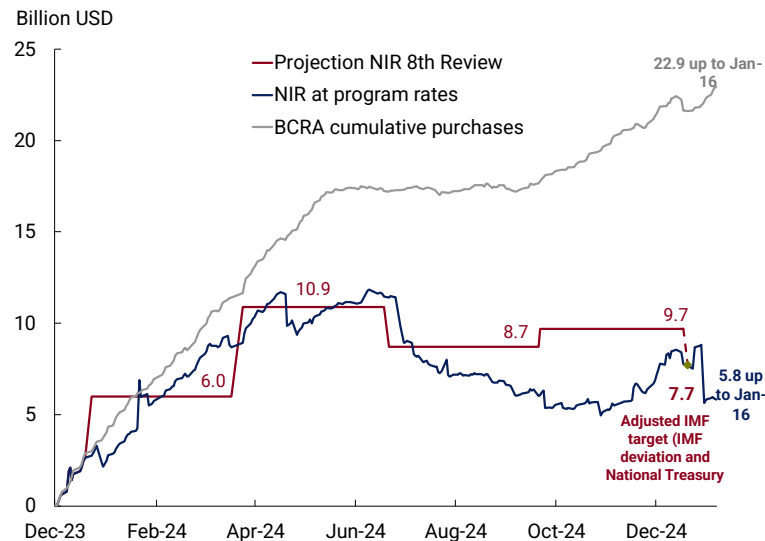
Source | BCRA based on INDEC data.

### BCRA's USD Net Purchases



Source | BCRA.

### International Reserves and BCRA's USD Purchases



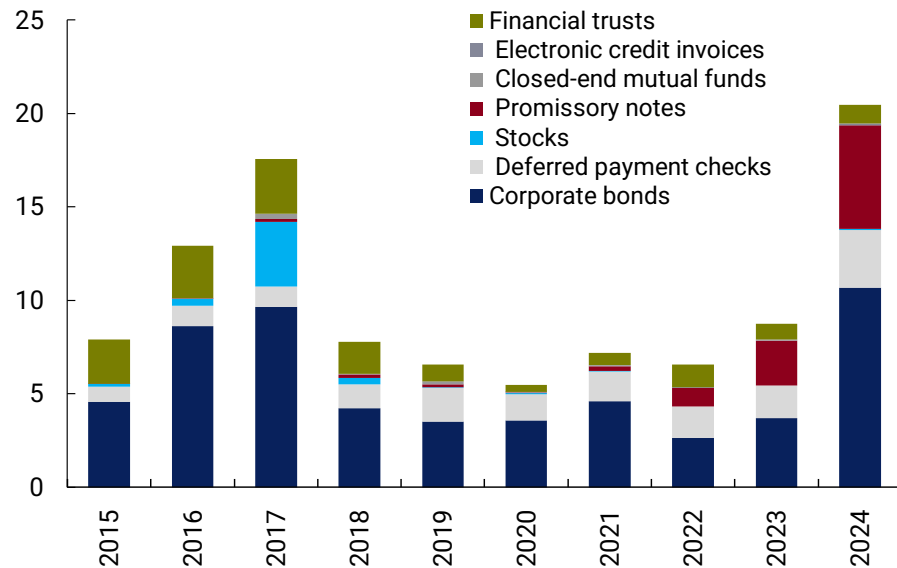
Difference between projected 8th Review and observed up to Dec-30	
IMF disbursements vs. Scheduled (2024)	-1,0
National Treasury escrow account payment (Jan-25)	-1,1
BCRA's purchases to the private sector net of MEP and CCL operations	0,2
Others net	-0,1

Source | BCRA.

### Capital Markets Financing

Annual flows

Billion USD



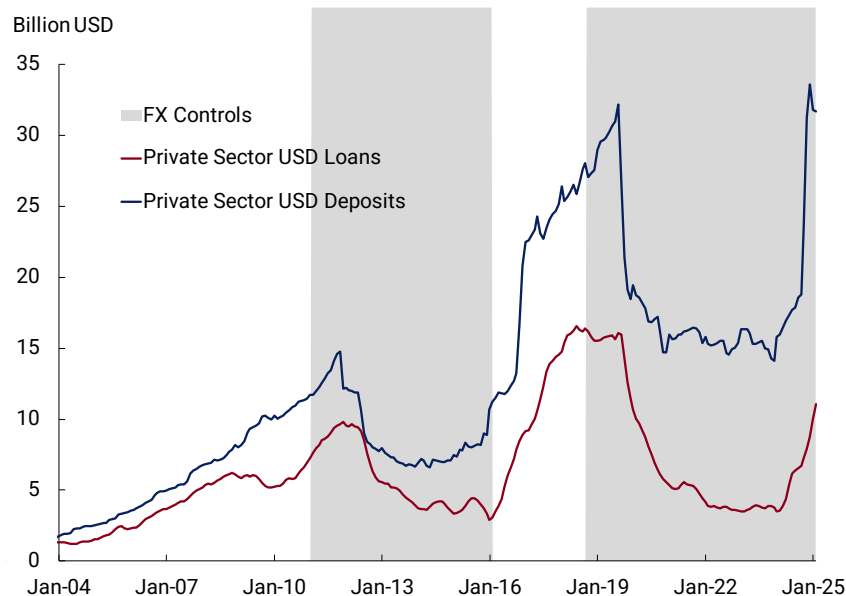
Note | Electronic payment market dollar (MEP dollars).

Source | BCRA based on data from CNV, CNV, using blue-chip USD rate (MEP).

### Private Sector's Total Deposits and Loans in Foreign Currency

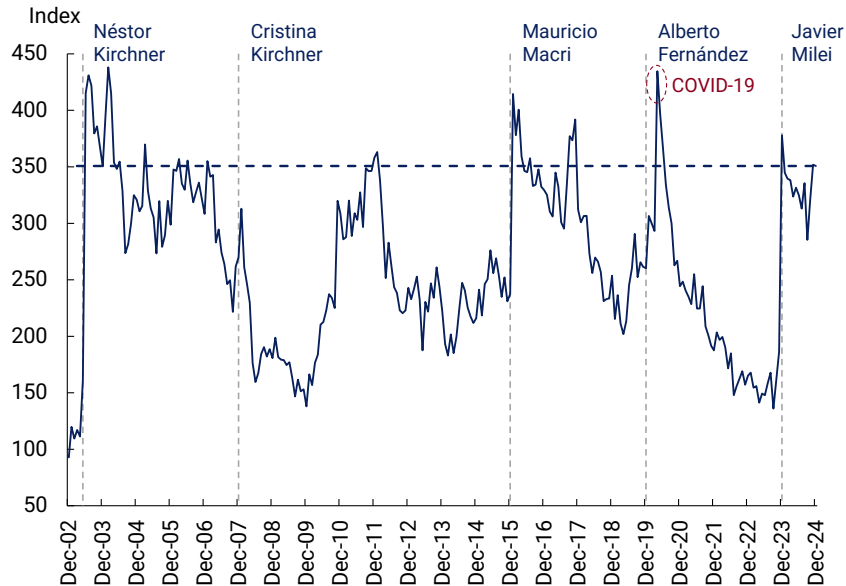
Average monthly stock

Billion USD



Source | BCRA.

Confidence in Government Index



Source | BCRA from Universidad Torcuato Di Tella data.

Cyclically Adjusted Confidence: Ratio of Confidence in Government Index to Consumer Confidence Index



Source | BCRA from Universidad Torcuato Di Tella data.

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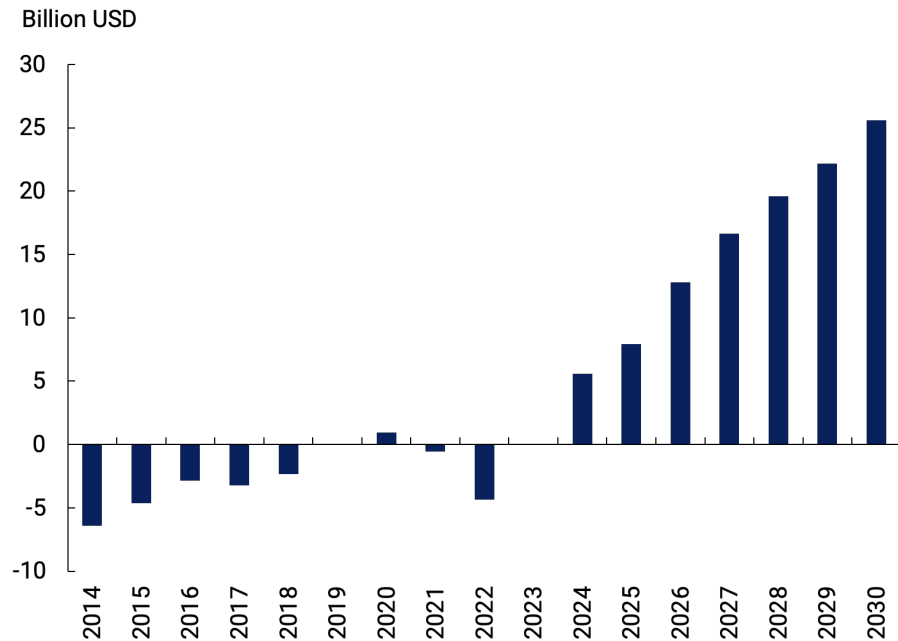
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Projected Energy Trade Balance



Source | BCRA from INDEC data

Leverage Ratios of Publicly Traded Argentine Corporates

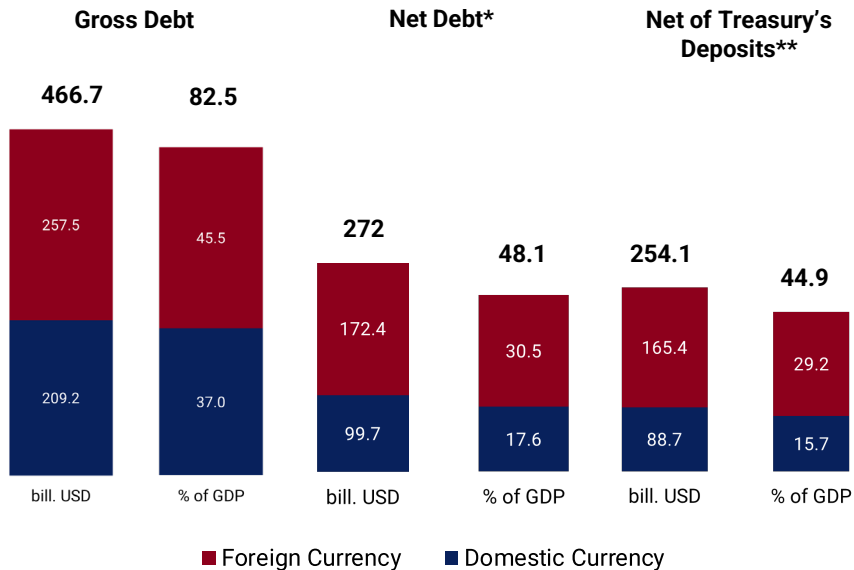
Net Debt Ratio = (Gross Debt – Cash) / EBITDA

Net Leverage	3Q19	3Q20	3Q21	3Q22	3Q23	3Q24
YPF	2.1x	3.8x	2.0x	1.2x	1.7x	1.5x
Vista	1.2x	3.1x	1.1x	0.5x	0.7x	0.7x
TGS	0.8x	0.8x	0.6x	0.1x	0.2x	-0.3x
TGN	0.3x	0.0x	-0.7x	-0.5x	-1.2x	-0.5x
Transener	0.1x	0.0x	-0.4x	-0.6x	-0.5x	0.0x
Pampa Energía	1.7x	2.3x	1.4x	1.3x	1.0x	0.7x
Central Puerto	1.1x	3.2x	2.0x	0.9x	0.1x	0.9x
GEMSA*	2.9x	3.6x	5.4x	4.5x	5.9x	7.0x
MSU Energy	8.5x	7.4x	4.6x	4.9x	4.8x	4.3x
Genneia		3.2x	3.4x	2.8x	2.9x	3.2x
YPF Luz		3.9x	2.6x	2.1x	1.9x	1.8x
Telecom Arg.	1.4x	1.4x	2.0x	2.2x	2.1x	2.2x
Loma Negra	0.8x	0.1x	0.0x	0.6x	1.0x	1.0x
Ternium Arg.	0.7x	-1.0x	-0.7x	-0.9x	-1.2x	-0.7x
IRSA	3.4x	2.6x	7.1x	1.4x	1.4x	1.7x

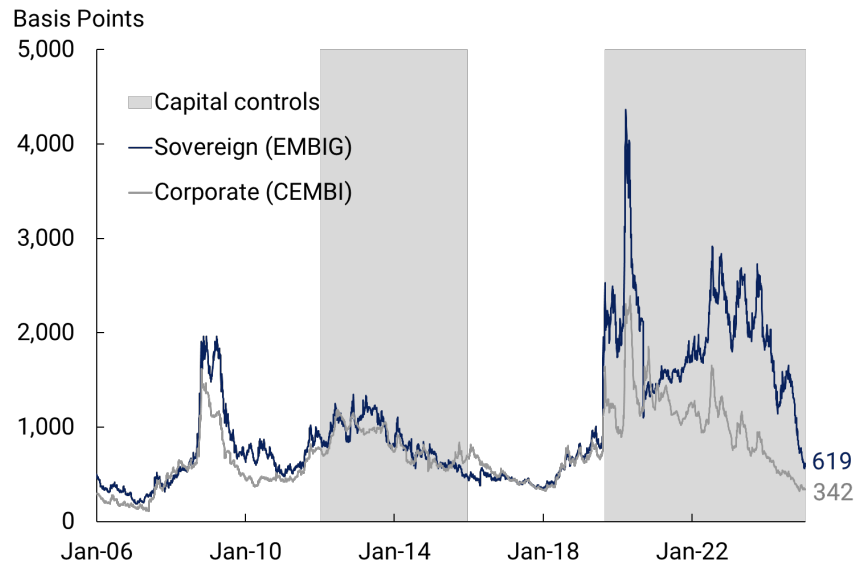
\* For 3Q24 the figure corresponds to Grupo Albanesi.

Source | BCRA based on data from Latin Securities and individual companies.

Central Administration's Stock of Public Debt



Argentine Risk Premium: Sovereign and Corporates



Note | Data as of December 2024. \*Net of estimated intra public holdings \*\*Deposits, and Jan-25 bonds prepayments  
Source | BCRA from Secretariat of Finance and INDEC data.

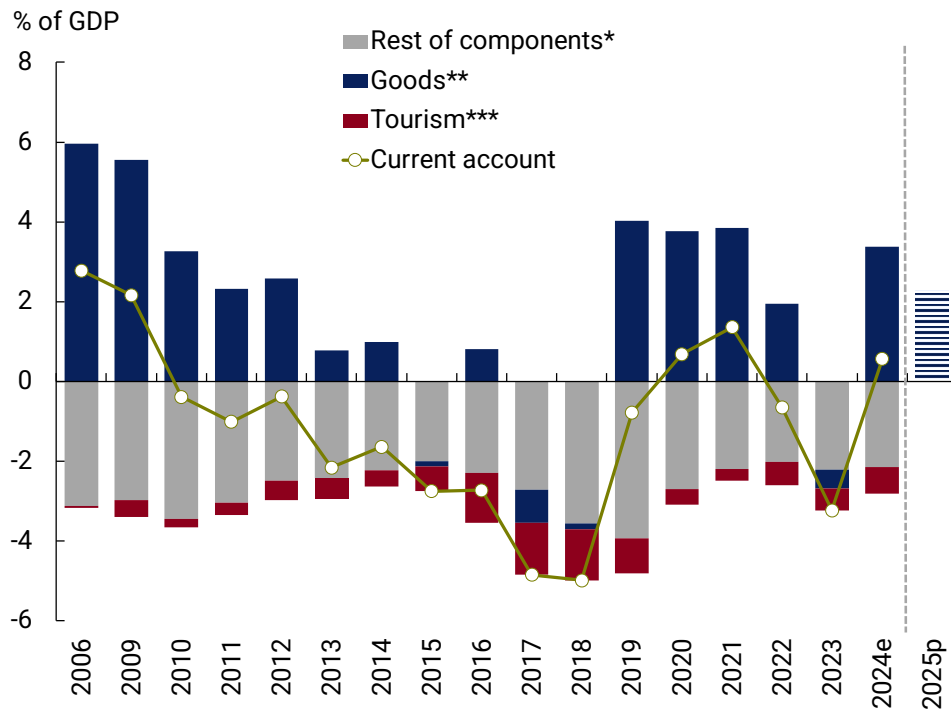
Note | Last data 16-Jan-2025.  
Source | Bloomberg.

## RIGI's Main Investment Projects

Status	Investor	Project	Sector	Province	Amount (Bn. USD)
<b>Approved project</b>	YPF Luz	Wind energy parc 'El Quemado y Anexos'	Renewable energy	Mendoza	<b>0.2</b>
<b>Announced projects</b>	Galan Lithium	Lithium 'Hombre Muerto Oeste'	Mining	Catamarca	<b>0.2</b>
	Posco	Lithium 'Sal de Oro'	Mining	Salta y Catamarca	<b>1.0</b>
	Minas Argentinas	'Gualcamayo'	Mining	San Juan	<b>1.0</b>
	YPF	Pipeline 'Vaca Muerta Oleoducto Sur'	Oil & Gas	Río Negro	<b>2.5</b>
	PAE	PAE-Golar	Oil & Gas	Río Negro	<b>6.9</b>
	Sidersa	Sidersa	Industry	Buenos Aires	<b>0.3</b>
	PCR	Wind energy	Renewable energy	Salta, Catamarca and Jujuy	<b>0.3</b>
<b>Total</b>					<b>12.4</b>

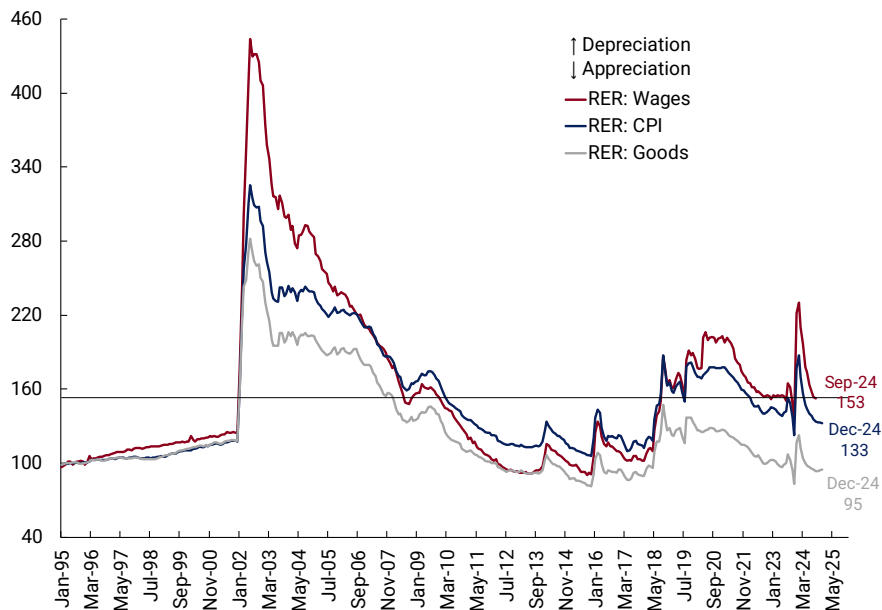
Source | BCRA from Ministry of Economy data.

Current Account Balance and Components



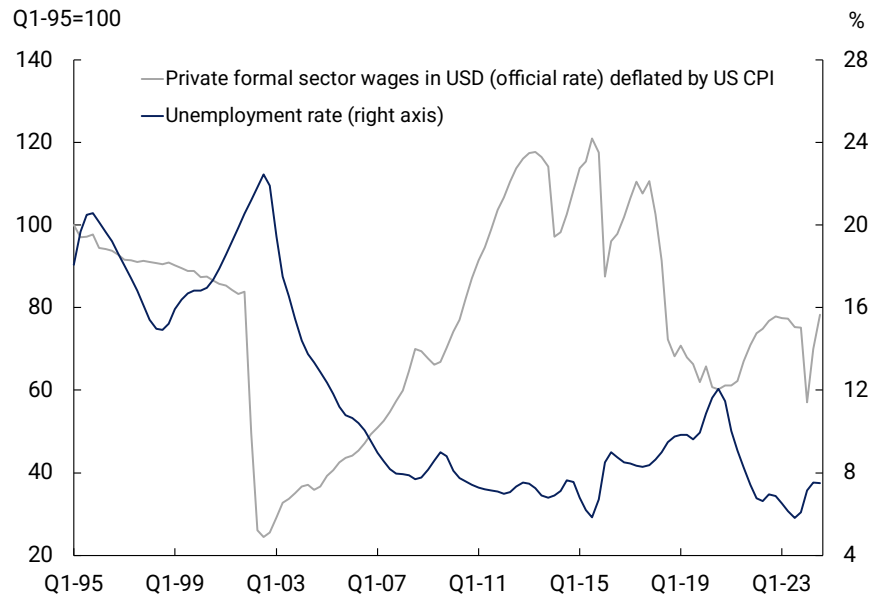
\*Includes other services, primary and secondary income.\*\*IV-24 data up to Nov-24. Dec-24 own estimation\*\*Tourism includes expenses on travel and passenger services. e: Estimated p: Projection based on Market Expectations Survey (REM), adjusting the REM median of CIF imports to FOB) and USD GDP proxy from REM, linearly extrapolating with GDP growth, headline inflation, and implicit exchange rate. Source | BCRA based on INDEC data.

**Bilateral Real Exchange Rate: ARG-USA**  
Avg. 1995 = 100



Source | BCRA

**Wages and Unemployment**



Source | BCRA from STEySS, St. Louis Fred and INDEC data.

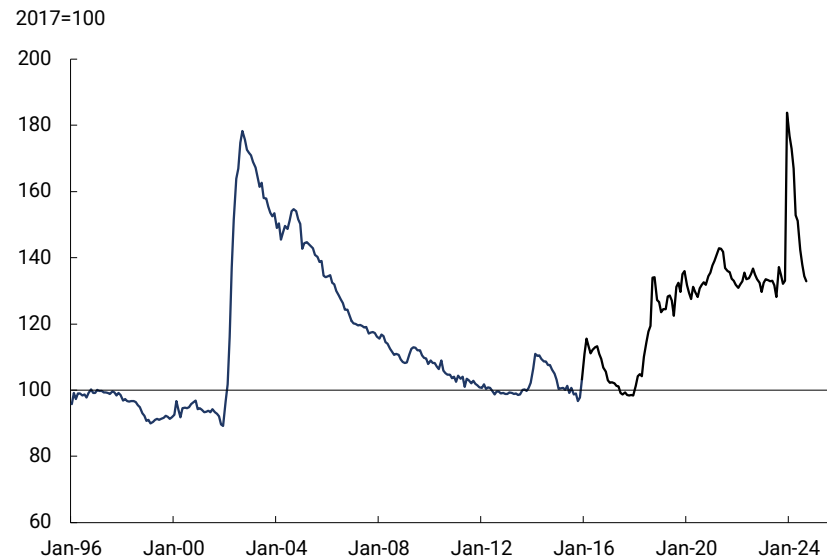
### Wholesale Price to Salary Ratios Across Sectors

Sector	Dec-15	Nov-23	Mar-24	Jun-24	Sep-24	Nov-24
Publishing Activities	100	200	226	204	178	190
Electrical Equipment Manufacturing	100	190	239	196	158	148
Paper Products	100	151	204	178	152	143
Chemical Products	100	161	189	170	147	142
Tobacco Products	100	118	167	137	138	136
Machinery and Equipment Manufacturing	100	170	194	155	141	134
Other Non-Metallic Mineral Products	100	147	183	162	136	131
Petroleum Products	100	98	178	135	134	128
Other Transport Equipment Manufacturing	100	125	134	131	122	124
Rubber and Plastic Products	100	168	180	151	128	123
Motor Vehicle Manufacturing	100	149	165	141	123	119
Fabricated Metal Products	100	154	182	147	125	117
Textile Products	100	127	138	125	111	108
Furniture Manufacturing	100	151	161	134	111	106
Basic Metals	100	127	183	154	108	102
Wood Products	100	135	137	122	104	99
Food Products	100	114	130	115	102	99
Apparel Manufacturing	100	128	121	100	100	97
Medical Instruments Manufacturing	100	115	128	113	96	94
Leather Products	100	97	91	84	70	67
Radio and Television Equipment Manufacturing	100	34	46	36	32	30

(\*) Price data was used up to November 2024, while wage data was considered up to September 2024, adjusted for seasonality exclusively for wages using the X13-ARIMA method. For the period from October to November 2024, internal projections of seasonally adjusted aggregate wage variations were used, applying the same variation across all sectors.

Source | BCRA from INDEC data.

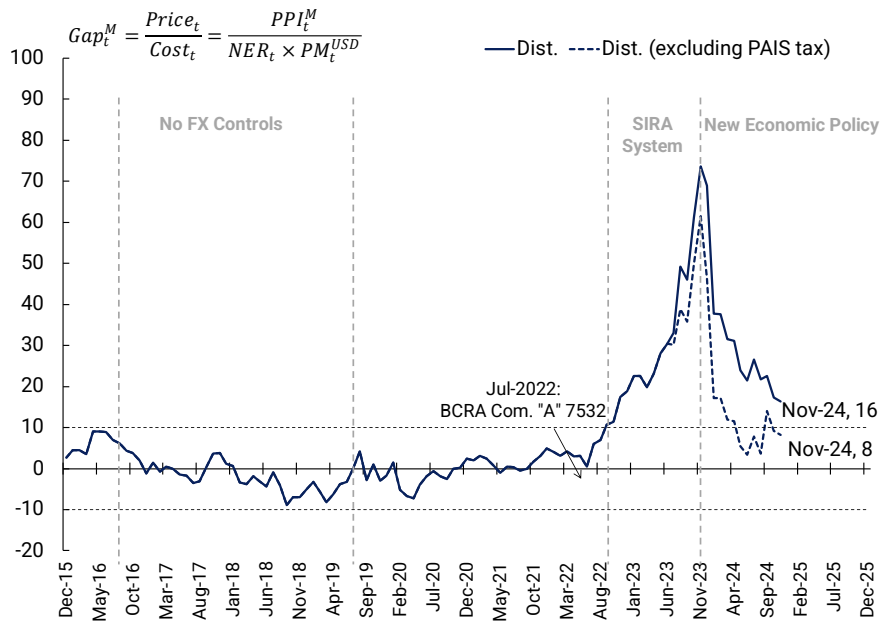
### Ratio of Wholesale Price Index to Salaries



Wholesale Price for the period Jan-07 to Nov-15 estimated using, among other variables, CPI as reference.

Source | BCRA from INDEC data.

### Import Price Gap In % over "official" cost



Source | BCRA from INDEC data

### Deregulation of Foreign Trade and Cost Reduction

- **Transparency:** Elimination of SIRA, SIRASE and launch of SEDI.
- **Efficiency Improvement:** Removal of arbitrary controls, simplification of imports, and elimination of overseers.
- **Reduction in Financial Costs:** Lowering VAT and income tax withholdings, removal of stamping fees and "Criterion Values," and a reduction in export documentation processing time from up to 45 days to 1 day.
- **Reduction of Tariff Rates:** Decrease in import duties by up to 22.4 percentage points for industrial matrices, plastic metals, fertilizers, herbicides, tires, plastic inputs, and large household appliances.
- **Flexibility:** Increase in import limits for courier shipments.
- **Free Export of Natural Gas**
- **Improved Profitability/Productivity in the Agricultural Sector:** Reduced taxes and bureaucratic hurdles.
- **Two-step Elimination of the "País" Tax:** For goods (September 2024 and December 2024) and definitively for services in December 2024.
- **Shortening of Antidumping Measures Duration.**

**Thank you**