

# **Fixed-Income & FX Strategy**

**W e e k l y**

## Fixed-Income and FX Weekly

- The evolution of the trade war remains in focus.** Market sentiment was affected by uncertainty on the trade and fiscal fronts. On Wednesday, the US Court of International Trade blocked Trump's imposition of tariffs, ordering that such measures be suspended within 10 days. However, on Thursday morning, they were reinstated by the appeals court. Additionally, tensions between the US and China were reignited after Trump pointed out that the Asian country completely violated a tariff agreement. In this context, the USD extended its weakening (BBDXY -0.6% m/m), marking five months of losses. This has resulted in gains for most developed and emerging currencies, with the MXN consolidating around the 19.40 per dollar zone (+0.9% m/m). Meanwhile, Treasuries accumulated losses of 25bps for the month, impacted by the uncertainty regarding the effect of a larger fiscal deficit in the US. While Mexican bonds recorded a defensive performance, even with gains of 8bps m/m at the shorter-end and losses of 5bps m/m at the long-end. As a result, the spreads versus Treasuries continue to compress. The spread between the 10-year Mbono and the Treasury of the same maturity remains in low levels of 492bps, very close to 12-month lows (484bps)
- We recommend receiving 2-year TIE-F swaps (26x1).** Following the publication of Banxico's minutes, we believe reductions will be more aggressive than we previously thought due to growth risks. [We now anticipate a benchmark rate at the end of the year of 7.00%](#) (previous: 7.75%), much lower than the market expectation of 7.45%. Therefore, we see value at the short-end of the yield curve. In terms of strategy, we recommend receiving 2-year TIE-F swaps (26x1) with an entry level at 7.52%, target at 7.25%, and stop-loss at 7.65%, despite a negative carry and roll-down of -5bps per month
- [We forecast USD/MXN at 20.10 by end-2025 and 19.30 by end-2026.](#)** We revise our forecasts for the Mexican peso, reflecting (1) further USD weakness and (2) a compression in Mexico's risk premium. Regarding the former, we continue to anticipate a weaker USD driven by shifts in US foreign policy, particularly on the trade front. However, we do not see this adjustment in valuation as significantly undermining the dollar's global reserve currency status. For the latter, the 50bps compression in Mexico's 5-year CDS is a highlight, which has returned to levels last seen prior to the Trump administration and has moved in tandem with a broader decline across other EM names. In addition, we believe that Mexico's relatively stronger position and the prospect of greater trade certainty are key drivers supporting renewed investor optimism toward Mexican assets into 2026. Considering these developments, our models suggest the peso could sustain its relative strength through the first half of the year, followed by a more gradual adjustment in 2H25. As a result, we revise our year-end USD/MXN target to 20.10 from 21.40 for 2025, and to 19.30 from 20.80 for end-2026
- Weekly ranges.** We expect the 10-year Mbono (Nov'34) to trade between 9.15% and 9.45%, and MXN between 19.20 and 19.65 per dollar



**Alejandro Padilla Santana**  
Chief Economist and Head of Research  
alejandro.padilla@banorte.com



**Juan Carlos Alderete Macal, CFA**  
Executive Director of Economic Research and Market Strategy  
juan.alderete.macal@banorte.com



**Santiago Leal Singer**  
Director of Market Strategy  
santiago.leal@banorte.com



**Leslie Thalía Orozco Vélez**  
Senior Strategist, Fixed Income and FX  
leslie.orozco.velez@banorte.com



**Marcos Saúl García Hernández**  
Strategist, Fixed Income, FX and Commodities  
marcos.garcia.hernandez@banorte.com

### Index

Markets summary.....	pg. 3
<b>Fixed-Income</b>	
Market dynamics .....	pg. 4
Supply.....	pg. 6
Demand.....	pg. 7
Technical.....	pg. 10
<b>Foreign exchange</b>	
Market dynamics.....	pg. 12
Market positioning and flows.....	pg. 13
Technical.....	pg. 14



www.banorte.com/analisiseconomico  
@analisis\_fundam

# Fixed-Income Dynamics

## Fixed-income securities performance

Security	YTM (%)	Weekly change (bps)	Δ last 4 weeks (bps)	YTD (bps)	12m Max (%)	12m Min (%)	12m Average (%)
<b>Overnight TIIE funding rate</b>							
1-day	8.51	-2	-57	-169	11.09	8.50	10.16
28-days <sup>1</sup>	8.79	-13	-25	-148	11.06	8.79	10.29
91-days <sup>1</sup>	8.86	-14	-25	-150	11.17	8.86	10.38
182-days <sup>1</sup>	8.96	-14	-26	-154	11.33	8.96	10.52
<b>Cetes<sup>2</sup></b>							
28-days	8.49	31	-31	-152	11.09	8.08	9.97
91-days	8.14	-15	-38	-186	11.18	8.13	9.99
182-days	8.09	-12	-30	-185	11.29	8.09	9.96
364-days	8.29	-9	-15	-178	11.42	8.26	9.98
<b>Mbonos</b>							
Mar'26	8.20	4	-14	-161	11.03	8.14	9.59
Sep'26	8.15	4	0	-163	11.03	8.04	9.51
Mar'27	8.13	-9	-11	-165	10.74	8.11	9.37
Jun'27	8.14	-10	-12	-168	10.68	8.13	9.38
Mar'28 <sup>3</sup>	8.41	-10	-7	-152	9.99	8.39	9.12
Mar'29	8.62	-12	-9	-135	10.55	8.52	9.53
May'29	8.69	-10	-3	-129	10.47	8.52	9.51
Feb'30 <sup>4</sup>	8.81	-10	-4	-88	9.69	8.59	9.10
May'31	8.91	-12	-10	-113	10.42	8.66	9.56
May'33	9.19	-13	-8	-104	10.40	8.90	9.70
Nov'34	9.32	-10	-7	-110	10.45	9.01	9.75
Nov'36	9.36	-10	-7	-106	10.45	9.03	9.76
Nov'38	9.73	-3	-3	-82	10.60	9.26	9.93
Nov'42	10.00	0	4	-70	10.76	9.44	10.12
Nov'47	10.04	-3	3	-71	10.79	9.43	10.13
Jul'53	10.05	-4	2	-74	10.81	9.44	10.14
<b>TIIE-F IRS<sup>5</sup></b>							
3-month (3x1)	8.15	-9	-32	-180	10.62	8.15	9.53
6-month (6x1)	7.92	-7	-22	-180	10.40	7.92	9.26
9-month (9x1)	7.78	-6	-15	-181	10.17	7.78	9.06
1-year (13x1)	7.66	-5	-9	-176	9.95	7.66	8.86
2-year (26x1)	7.52	-9	-3	-163	9.66	7.49	8.55
3-year (39x1)	7.57	-9	1	-155	9.52	7.50	8.48
4-year (52x1)	7.65	-12	0	-150	9.46	7.58	8.49
5-year (65x1)	7.74	-13	0	-145	9.43	7.67	8.51
7-year (91x1)	7.94	-14	-2	-132	9.42	7.87	8.61
10-year (130x1)	8.20	-14	-1	-119	9.46	8.09	8.75
20-year (3x1)	8.46	-12	0	-103	9.59	8.28	8.91
30-year (390x1)	8.38	-11	2	-109	9.50	8.19	8.84
<b>Udibonos</b>							
Dec'25	4.71	-8	-114	-146	7.39	4.71	6.24
Dec'26	4.63	1	-42	-147	7.08	4.61	5.88
Nov'28	4.76	-11	-13	-71	5.96	4.69	5.22
Aug'29 <sup>6</sup>	4.95	-9	-7	-6	5.17	4.77	5.04
Nov'31	5.00	-8	-8	-48	5.80	4.70	5.18
Aug'34	5.05	-3	1	-44	5.76	4.70	5.24
Nov'35	5.06	-3	0	-42	5.62	4.71	5.19
Nov'40	5.02	-2	0	-49	5.72	4.75	5.20
Nov'43	5.06	0	-7	-46	5.73	4.81	5.23
Nov'46	4.98	2	-4	-54	5.70	4.75	5.17
Nov'50	4.97	2	-4	-54	5.71	4.76	5.18
Oct'54	4.96	1	0	-61	5.71	4.70	5.17

Source: Bloomberg, Banxico, Banorte

1: Compounded in advance Overnight TIIE Funding rate for "n" days

2: 1-day lag

3: Mbono Mar'28 issued on December 4<sup>th</sup>, 2024

4: Mbono Feb'30 issued on January 30<sup>th</sup>, 2025

5: TIIE-F IRS history since September 5<sup>th</sup>, 2024

6: Udibono Aug'29 issued on March 13<sup>th</sup>, 2025

## Fixed-Income Dynamics (continued)

USD UMS and US Treasuries performance

USD GMS and US Treasuries performance											
UMS					UST				Spreads		CDS
Term	Maturity date	YTM (%)	Weekly change (bps)	YTD (bps)	YTM (%)	Weekly change (bps)	YTD (bps)	Actual (bps)	Weekly change (bps)	12m Average (bps)	bps
2Y	Mar'27	4.70	-5	-45	3.90	-10	-35	81	+5	75	64
3Y	Feb'28	4.69	-12	-100	3.86	-10	-42	83	-2	93	79
5Y	May'30	5.26	-12	-62	3.96	-12	-42	130	+1	135	120
7Y	Apr'32	5.94	-6	-40	4.17	-11	-31	177	+5	154	158
10Y	Feb'35	6.37	-12	-27	4.40	-11	-17	197	-1	185	198
20Y	Jan'45	6.82	-12	+7	4.93	-11	+7	189	0	195	--
30Y	May'55	7.44	-13	+21	4.93	-11	+14	252	-1	241	--

Source: Bloomberg, Banorte

5Y USD UMS



Source: Bloomberg, Banorte

10Y USD UMS



Source: Bloomberg, Banorte

5Y UMS-UST Spread



Source: Bloomberg, Banorte

10Y UMS-UST Spread



Source: Bloomberg, Banorte

## Fixed-Income Supply

- **Mexico's weekly auction.** On Tuesday, the MoF will auction 1-, 3-, 6-, and 24-month Cetes, the 20-year Mbono (Nov'42), the 20-year Udibono (Nov'43), as well as 1-, 3- and 7-year Bondes F
- **We see a lower benchmark rate for year-end.** The [Banxico's minutes](#) maintained a dovish tone, in line with the Quarterly Report, and indicated that moving forward they could continue to calibrate the monetary stance and consider adjusting it by a similar magnitude. Thus, we continue to anticipate a 50bps rate cut at the June meeting. However, we believe the cuts will be more aggressive than we previously thought due to growth risks. We now anticipate the benchmark rate at year-end to be 7.00% (previously: 7.75%). Consequently, the monetary authority would bring forward the cuts we had penciled in for 2026. Despite this, Mexico's real rate (4.40%) remains attractive compared to other emerging countries such as Colombia (3.89%), Peru (2.80%), and Chile (0.46%). It is worth noting that it remains below Brazil (8.74%); however, the Copom may lean towards pausing its hike cycle to consider the effects of its monetary stance. In this environment, we expect demand for Cetes to remain solid across all terms. For the 20-year Mbono (Nov'42), we anticipate stable demand in line with the previous auction of 2.4x. This security shows a valuation with room for greater gains; however, global uncertainty dilutes its appeal. In real rates, appetite for the 20-year Udibono (Nov'43) will be limited due to relatively unattractive valuation

### Auction specifics (June 3<sup>rd</sup>, 2025)

Security	Maturity	Coupon rate, %	To be auctioned <sup>1</sup>	Previous yield <sup>2</sup>
<b>Cetes</b>				
1m	Jul-03-25	--	7,000	8.12
3m	Sep-04-25	--	7,000	8.14
6m	Nov-27-25	--	8,000	8.12
24m	May-13-27	--	19,000	8.55
<b>Bondes F</b>				
1Y	May-28-26	--	8,100	0.07
3Y	Apr-20-28	--	4,800	0.17
7Y	Jan-29-32	--	650	0.21
<b>Bono M</b>				
20Y	Nov-13-42	7.75	7,000	9.86
<b>Udibono</b>				
20Y	Nov-12-43	3.25	UDIS 800	5.09

Source: Banxico, Banorte

1. Except for Udibonos, which are expressed in UDI million, everything else is expressed in MXN million. The amount of Cetes is announced a week prior to the day of the auction.

2. Yield-to-maturity reported for Cetes, Mbonos and Udibonos

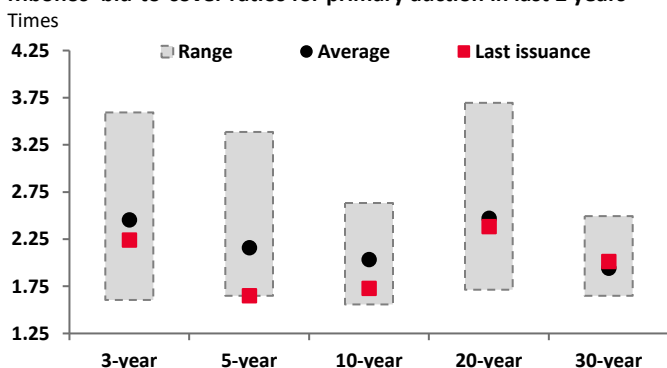
### 2Q25 Government Securities Auction Calendar\*

Date	Cetes	Bonos M	Udibonos	Bondes F
1-Apr	1, 3, 6, and 12M	10Y (Nov'34)	10Y (Aug'34)	2, 5 and 10Y
8-Apr	1, 3, 6, and 24M	3Y (Mar'28)	20Y (Nov'43)	1, 3 and 7Y
14-Apr	1, 3, 6, and 12M	30Y (Jul'53)	3Y (Aug'29)	2 and 5Y
22-Apr	1, 3, 6, and 24M	5Y (Feb'30)	30Y (Oct'54)	1 and 3Y
28-Apr	1, 3, 6, and 12M	20Y (Nov'42)	10Y (Aug'34)	2, 5 and 10Y
6-May	1, 3, 6, and 24M	3Y (Mar'28)	20Y (Nov'43)	1, 3 and 7Y
13-May	1, 3, 6, and 12M	10Y (Nov'34)	3Y (Aug'29)	2 and 5Y
20-May	1, 3, 6, and 24M	5Y (Feb'30)	30Y (Oct'54)	1 and 3Y
27-May	1, 3, 6, and 12M	30Y (Jul'53)	10Y (Aug'34)	2, 5 and 10Y
3-Jun	1, 3, 6, and 24M	20Y (Nov'42)	20Y (Nov'43)	1, 3 and 7Y
10-Jun	1, 3, 6, and 12M	3Y (Mar'28)	3Y (Aug'29)	2 and 5Y
17-Jun	1, 3, 6, and 24M	5Y (Feb'30)	30Y (Oct'54)	1 and 3Y
24-Jun	1, 3, 6, and 12M	10Y (Nov'34)	10Y (Aug'34)	2, 5 and 10Y

Source: SHCP \*Ministry of Finance \*In case an instrument is auctioned by the syndicated method, the current instrument will be replaced by the new issuance

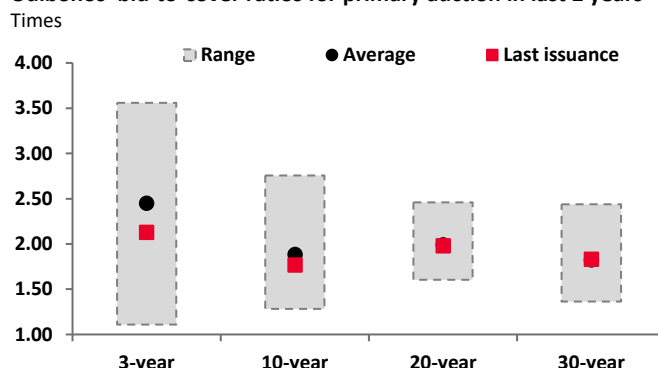
For more information, refer to [2Q25 Auction Calendar](#)

### Mbonos' bid-to-cover ratios for primary auction in last 2 years



Source: Bloomberg, Banorte

### Udibonos' bid-to-cover ratios for primary auction in last 2 years



Source: Bloomberg, Banorte

# Fixed-Income Demand

## Government and IPAB securities holdings by type of investor

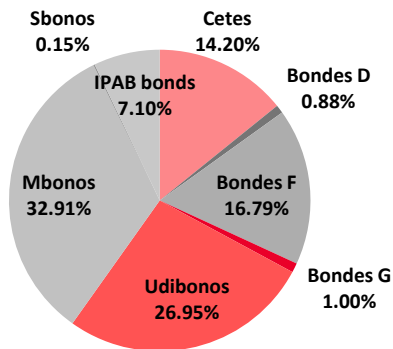
US\$ billion, \*UDIS billion, data as of May/20/2025

Securities	Total amount outstanding	Foreign investors	Pension funds	Mutual funds	Insurance companies	Local banks	Repos with Banxico	Guarantees received by Banxico	Securities held by Banxico	Other domestic residents
Cetes	109.67	11.40	17.06	23.90	5.35	11.53	3.54	1.35	-	35.54
Bondev D	6.80	0.01	0.28	3.30	0.00	1.30	-	-	-	1.90
Bondev F	129.72	0.05	3.70	77.51	2.84	14.59	2.64	-	-	28.38
Bondev G	7.75	0.00	0.22	3.09	0.55	0.87	0.96	-	-	2.04
Udibonos	208.21	7.53	113.94	9.37	35.73	5.30	1.42	0.14	-	34.77
Mbonos	254.23	72.75	65.94	11.01	9.92	30.52	12.03	0.35	0.78	50.93
Sbonos	1.19	0.54	0.33	0.01	0.06	0.03	-	-	-	0.23
<b>Total</b>	<b>717.58</b>	<b>92.27</b>	<b>201.48</b>	<b>128.20</b>	<b>54.46</b>	<b>64.15</b>	<b>20.60</b>	<b>1.84</b>	<b>0.78</b>	<b>153.80</b>
Udibonos*	473.69	17.13	259.22	21.33	81.28	12.07	3.24	0.31	-	79.11
IPAB bonds	54.87	0.01	0.53	16.63	0.77	7.77	4.13	2.20	-	22.83

Source: Banxico, Banorte

## Government issuance by type of instrument

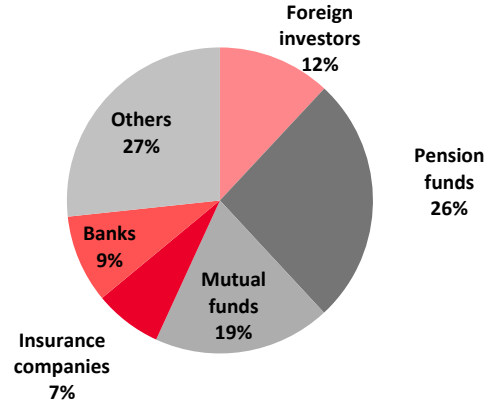
Total amount of US\$ 772 billion (including IPAB bonds), % of total



Source: Banxico, Banorte

## Government issuance by type of investor

Total amount of US\$ 772 billion (including IPAB bonds), % of total

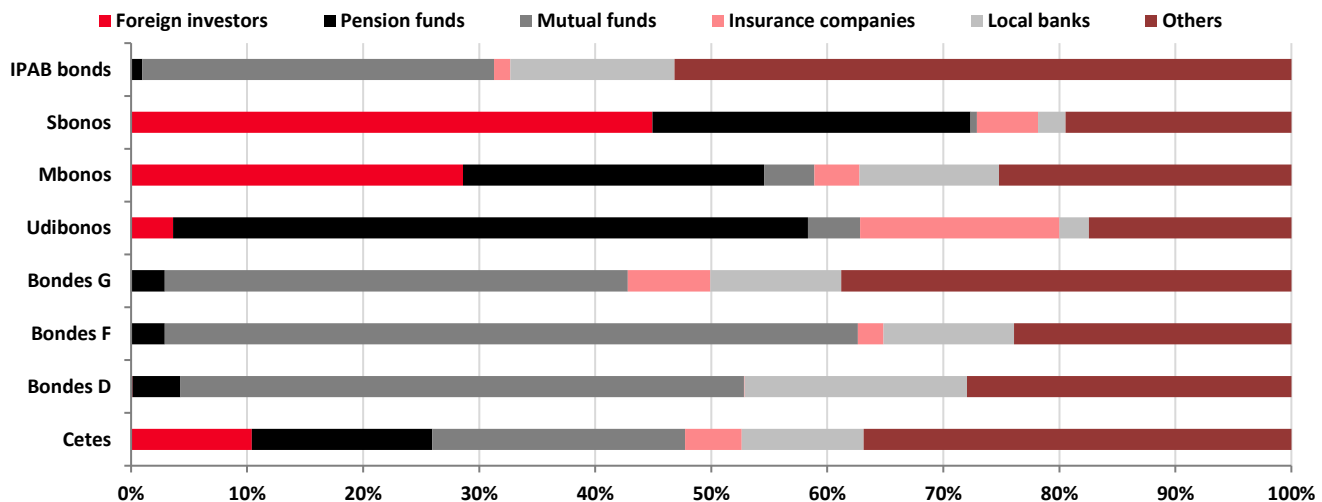


Source: Banxico, Banorte

Note: "Others" includes repos, guarantee and securities held by Banxico, as well as other domestic residents

## Government securities holdings by type of investor

Total amount of US\$ 772 billion (including IPAB bonds), % of total



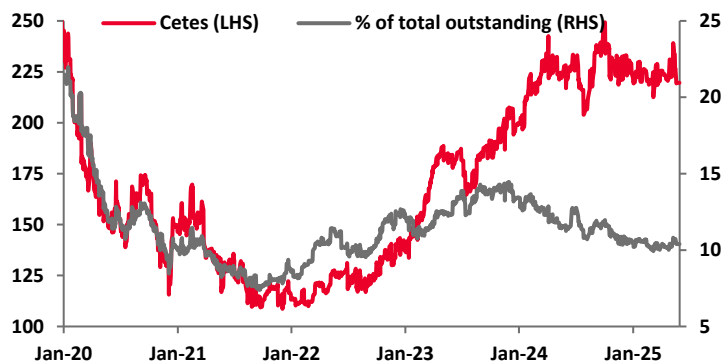
Source: Banxico, Banorte

Note: "Others" includes repos, guarantee and securities held by Banxico, as well as other domestic residents

## Fixed-Income Demand (continued)

### Cetes held by foreigners

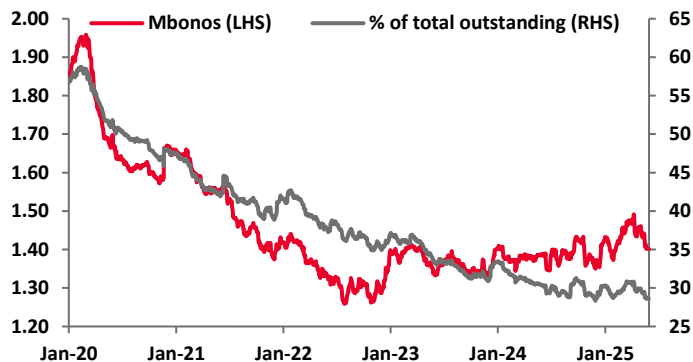
MXN billion, %



Source: Banxico, Banorte

### Mbonos held by foreigners

MXN trillion, %



Source: Banxico, Banorte

### Holdings of main investors by type of security

Data as of May/20/2025

	Foreign investors		Pension funds		Mutual funds	
	Δ last 4 weeks (%)	YTD (%)	Δ last 4 weeks (%)	YTD (%)	Δ last 4 weeks (%)	YTD (%)
Cetes	4.00	-0.46	-0.46	-21.10	0.44	27.05
Bondes F	45.90	104.36	-4.00	-39.78	4.79	10.91
Udibonos	-0.76	-13.68	0.08	4.72	3.02	23.79
Mbonos	-3.59	-2.14	4.51	9.52	4.14	12.67

Source: Banxico, Banorte

### Mbonos holdings by type of investor

US\$ billions and %, data as May/15/2025

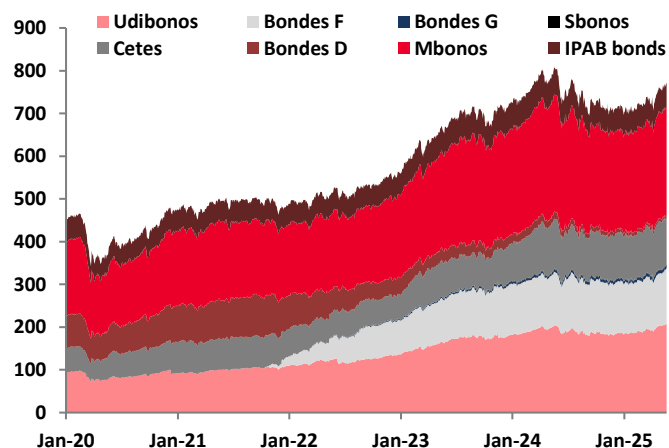
Maturity	Amount Outstanding	Local Banks	Foreign investors	Pension and Mutual funds	Others
Mar'26	15.7	22%	16%	12%	50%
Sep'26	10.8	15%	30%	15%	41%
Mar'27	16.3	33%	17%	11%	39%
Jun'27	17.6	30%	23%	11%	36%
Mar'28	10.0	24%	15%	17%	45%
Mar'29	19.6	20%	33%	26%	21%
May'29	19.4	11%	33%	26%	30%
Feb'30	8.7	17%	25%	40%	18%
May'31	22.8	9%	36%	31%	24%
May'33	16.1	7%	33%	29%	31%
Nov'34	19.2	3%	47%	33%	17%
Nov'36	5.1	2%	15%	55%	28%
Nov'38	11.2	3%	29%	50%	18%
Nov'42	21.1	3%	32%	47%	18%
Nov'47	13.4	1%	32%	47%	21%
Jul'53	19.6	1%	33%	50%	17%
Total	246.7	12%	30%	30%	28%

Source: Banxico, Banorte

Notas: "Institutional investors" include pension funds, mutual funds, and insurance companies. "Others" includes repos, guarantee and securities held by Banxico, as well as other domestic residents

### Government securities issuance

USD Billions



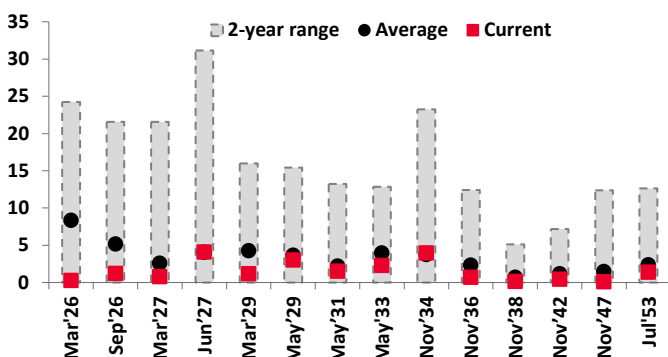
Fuente: Banxico, Banorte



## Fixed-Income Demand – Primary dealers

Market makers' short positions on Mbonos

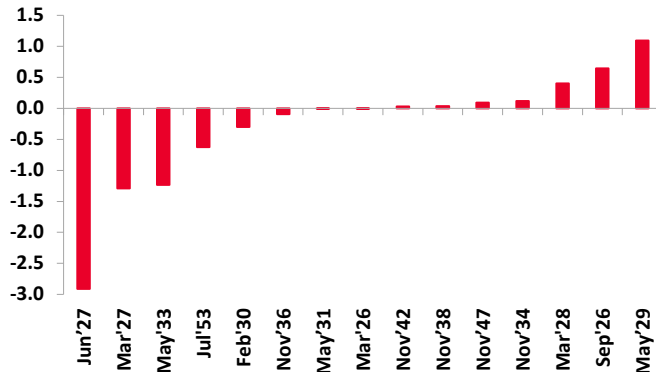
MXN billion



Source: Banxico, Banorte \*May'33 issued in December 2022

Weekly change in market makers' short positions on Mbonos

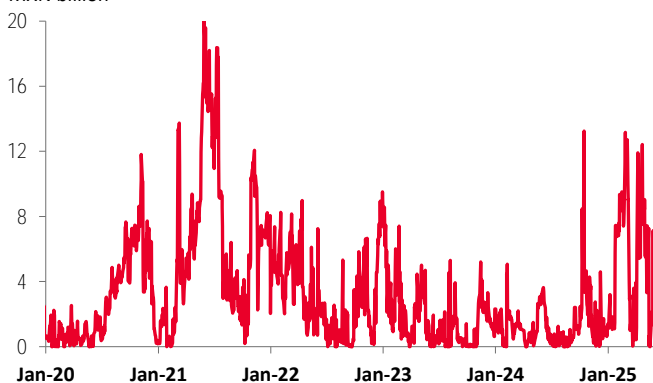
MXN billion



Source: Banxico, Banorte

Market makers' short positions on Mbono May'31

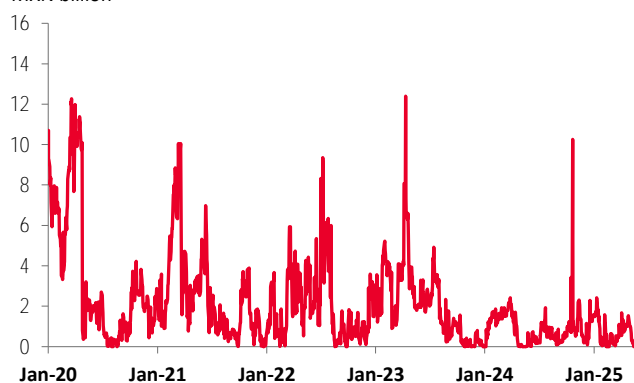
MXN billion



Source: Banxico, Banorte

Market makers' short positions on Mbono Nov'47

MXN billion



Source: Banxico, Banorte

Market makers' position on Mbonos

US\$ million

Maturity date	Total amount outstanding as of May/29/2025	May/29/2025	Previous Week	Previous Month	Previous Year	6m Max	6m Min
Mar'26	15,699	14	14	0	228	986	0
Sep'26	10,988	62	29	5	424	400	0
Mar'27	16,507	41	107	16	41	275	0
Jun'27	17,979	211	362	70	195	912	10
Mar'28*	10,118	21	0	4	--	351	0
Mar'29	19,800	60	2	6	346	543	0
May'29	20,470	156	100	37	133	599	0
May'31	23,280	78	79	467	184	679	0
May'33	16,199	119	183	85	190	503	0
Nov'34	21,954	205	199	92	226	1,119	0
Nov'36	5,184	37	42	6	220	492	4
Nov'38	11,324	6	4	17	45	202	0
Nov'42	21,314	23	21	34	30	202	0
Nov'47	13,510	5	0	55	16	125	0
Jul'53	20,420	70	103	47	139	411	0
<b>Total</b>	<b>244,745</b>	<b>1,037</b>	<b>1,141</b>	<b>894</b>	<b>2,278</b>		

Source: Banxico, Banorte \*Mar'28 issued in December 2024



# Fixed-Income Technicals

## Spread between Cetes and Implied Forward Rates

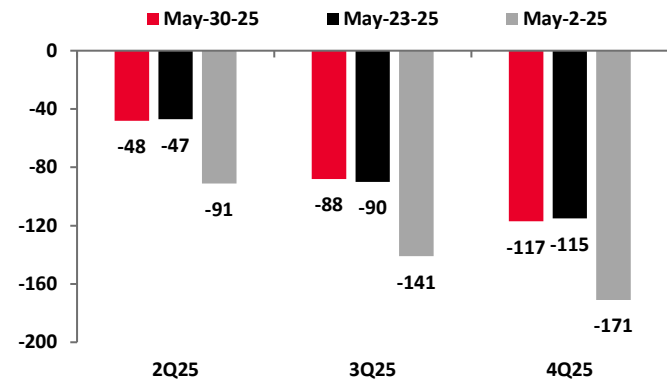
Basis points

Tenor	Actual	Weekly change	Δ last 4 weeks	6m average	6m Max	6m Min
1 month	49	-31	43	54	154	-31
3 months	-27	-24	-30	-7	52	-46
6 months	-30	-28	-28	-12	30	-45
12 months	-2	-1	-1	12	47	-12

Source: PIP, Bloomberg, Banorte

## Cumulative implied moves in Banxico's repo rate

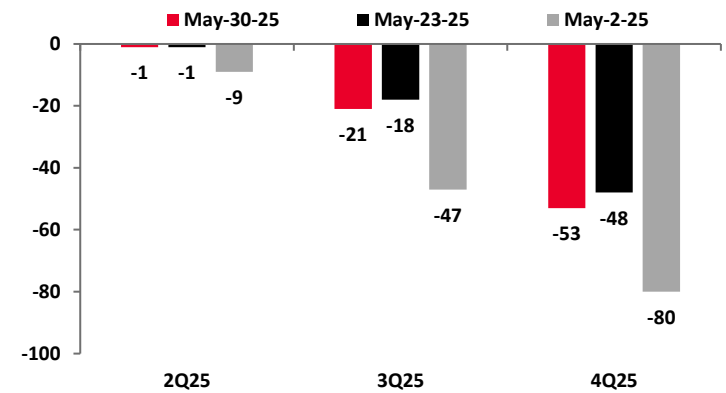
Basis points



Source: Bloomberg, Banorte

## Cumulative implied moves in Fed funds

Basis points



Source: Bloomberg, Banorte

## Spreads between Mbonos and UST

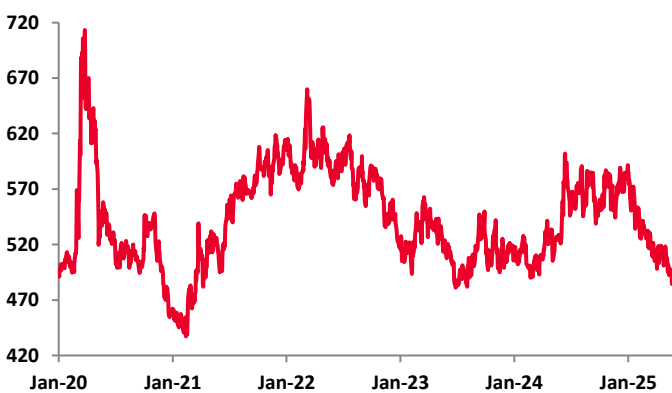
Basis points

Spread	Actual	Weekly change	Δ last 4 weeks	YTD	12m Max	12m Min	12m Average
2 year	423	1	-18	-130	644	417	545
5 year	485	1	-9	-74	623	473	550
10 year	492	1	-17	-93	602	484	550
20 year	507	11	-9	-77	593	491	552
30 year	511	7	-12	-89	605	499	561

Source: Bloomberg, Banorte

## 10-year Mbono and 10-year UST spread

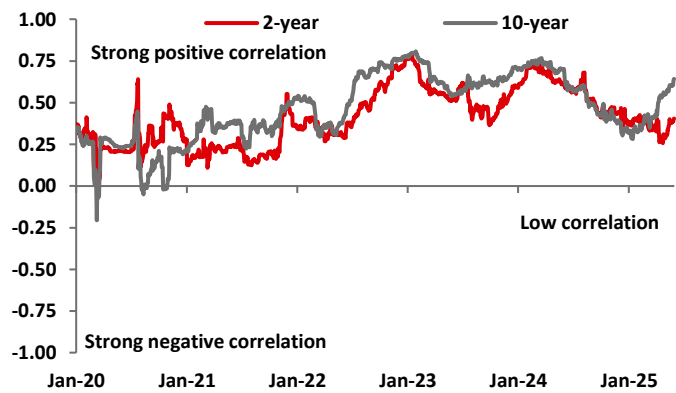
Basis points



Source: PIP, Banorte

## Mexico and US 2- and 10-year bonds correlation

3-month moving correlation



Source: Bloomberg, Banorte

## Fixed-Income Technicals (continued)

### Selected spreads

Basis points

Security	Spread	Weekly change	Δ last 4 weeks	YTD	12m Max	12m Min	12m Average
<b>Mbonos*</b>							
2/5	69	-2	6	49	79	-72	-1
2/10	120	-1	3	55	136	-93	17
2/30	192	5	13	90	207	-81	56
5/10	51	0	-3	7	61	-28	18
10/30	73	6	9	35	71	5	39
<b>TIIE-F*</b>							
3m/2Y	-63	0	29	17	-61	-191	-98
2/5	22	-4	3	18	29	-51	-4
2/10	68	-5	1	44	76	-46	20
2/30	87	-2	4	54	92	-41	29
5/10	46	-1	-1	27	51	2	24
10/30	19	3	3	10	20	-4	9
<b>TIIE-F – Mbonos*</b>							
2 year	-61	0	8	-25	-26	-107	-65
5 year	-108	-2	5	-44	-60	-125	-91
10 year	-113	-4	6	-46	-64	-130	-96
20 year	-155	-12	-4	-68	-78	-165	-122
30 year	-167	-7	0	-75	-83	-180	-132
<b>TIIE-F – SOFR*</b>							
2 year	384	-1	-12	-123	573	378	471
5 year	413	-4	-6	-101	559	405	476
10 year	434	-5	-10	-97	559	427	492
20 year	435	-4	-12	-104	567	430	499
30 year	434	-3	-12	-120	580	431	506

Source: Bloomberg, Banorte

Note: TIIE-F IRS history since September 5<sup>th</sup>, 2024

### Breakeven inflation using Mbonos & Udibonos

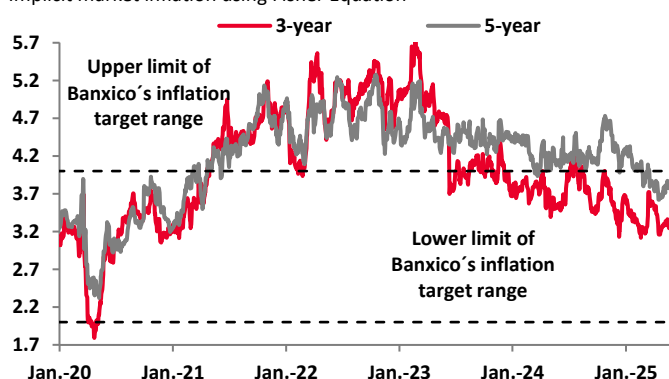
%, Implicit market inflation using Fisher Equation

Date	05/30/2025	Previous week	Previous month	Previous year	12m Max	12m Min	12m Average
3Y	3.30	3.3 (0bps)	3.3 (0bps)	3.54 (-24bps)	4.21	3.12	3.57
5Y	3.87	3.86 (+1bp)	3.78 (+9bps)	4.1 (-23bps)	4.73	3.62	4.13
10Y	4.06	4.13 (-7bps)	4.15 (-9bps)	4.31 (-25bps)	4.75	3.92	4.31
20Y	4.71	4.71 (0bps)	4.61 (+10bps)	4.57 (+14bps)	5.01	4.25	4.64
30Y	4.85	4.9 (-5bps)	4.83 (+2bps)	4.64 (+21bps)	5.01	4.37	4.73

Source: Bloomberg, Banorte

### 3- and 5-year breakeven inflation using Mbonos & Udibonos

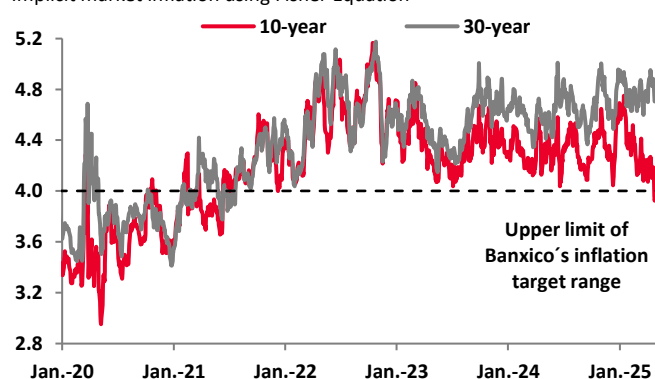
Implicit market inflation using Fisher Equation



Source: PIP, Banorte

### 10- and 30-year breakeven inflation using Mbonos & Udibonos

Implicit market inflation using Fisher Equation



Source: PIP, Banorte

# FX dynamics

## Foreign Exchange market levels and historical return

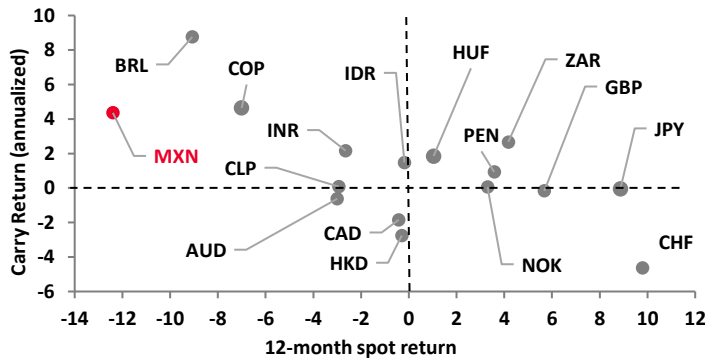
		Current	Daily Change (%) <sup>1</sup>	Weekly change (%) <sup>1</sup>	Monthly change (%) <sup>1</sup>	YTD (%) <sup>1</sup>
<b>Emerging Markets</b>						
Brazil	USD/BRL	5.72	-1.0	-1.3	-0.9	7.9
Chile	USD/CLP	945.68	-1.1	-0.7	0.3	5.2
Colombia	USD/COP	4,160.22	-1.0	-0.2	1.6	5.9
Peru	USD/PEN	3.62	0.1	1.2	1.2	3.4
Hungary	USD/HUF	355.90	-0.2	-0.1	0.3	11.7
Malaysia	USD/MYR	4.26	-0.3	-0.6	1.4	5.1
Mexico	USD/MXN	19.44	-0.6	-1.0	0.9	7.1
Poland	USD/PLN	3.74	-0.3	0.1	0.9	10.3
South Africa	USD/ZAR	18.00	-1.1	-0.9	3.3	4.7
<b>Developed Markets</b>						
Canada	USD/CAD	1.37	0.5	-0.1	0.4	4.7
Great Britain	GBP/USD	1.35	-0.2	-0.6	1.0	7.5
Japan	USD/JPY	144.02	0.1	-1.0	-0.7	9.2
Eurozone	EUR/USD	1.1347	-0.2	-0.1	0.2	9.6
Norway	USD/NOK	10.21	-0.9	-0.9	1.9	11.5
Denmark	USD/DKK	6.57	-0.2	-0.1	0.2	9.6
Switzerland	USD/CHF	0.82	0.1	-0.2	0.4	10.3
New Zealand	NZD/USD	0.60	-0.1	-0.4	0.5	6.6
Sweden	USD/SEK	9.60	-0.5	-0.7	0.7	15.4
Australia	AUD/USD	0.64	-0.2	-0.9	0.5	3.9

Source: Bloomberg, Banorte

1. Positive (negative) changes mean appreciation (depreciation) of the corresponding currency against the USD.

## Performance of selected currencies

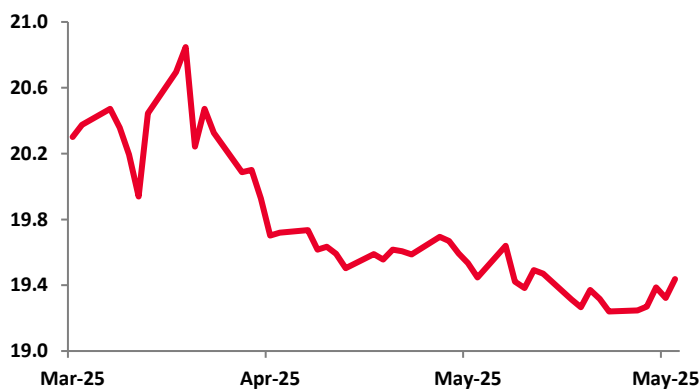
%, annualized rate based in 3M forwards



Source: Bloomberg, Banorte

## USD/MXN

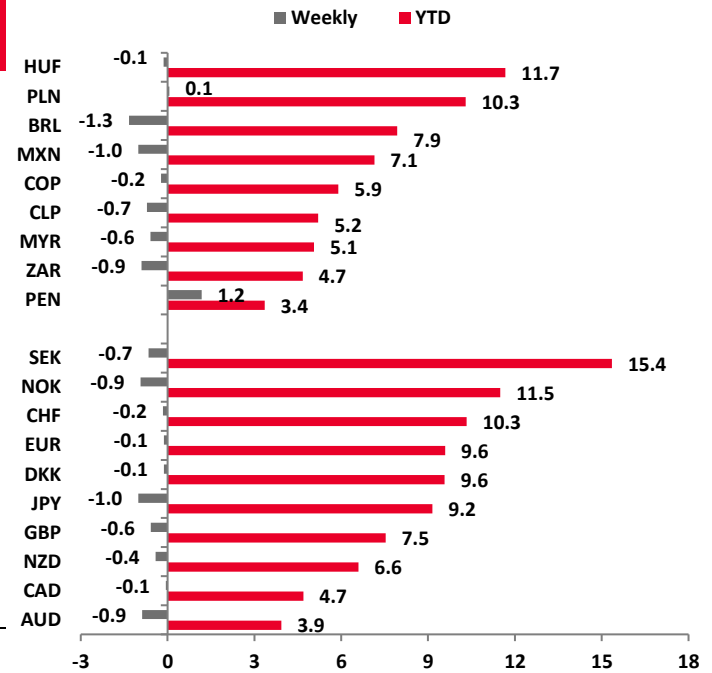
Last 60 days



Source: Bloomberg, Banorte

## FX performance

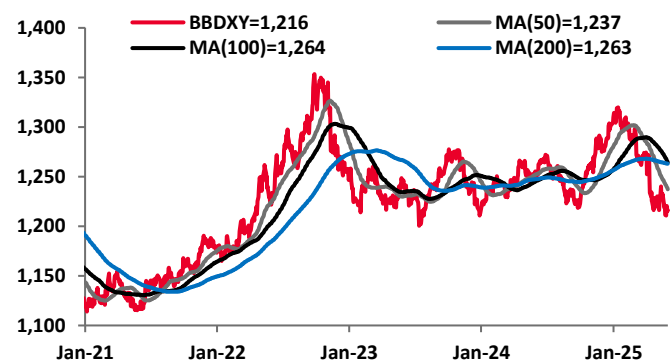
Against USD, %



Source: Bloomberg, Banorte

## BBDXY

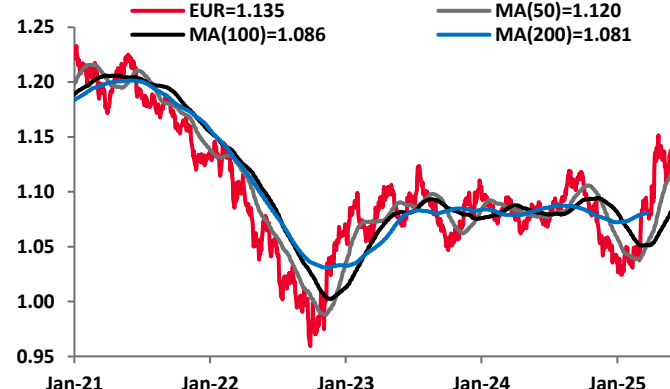
Points



Source: Bloomberg, Banorte

## Euro

Dollar per euro

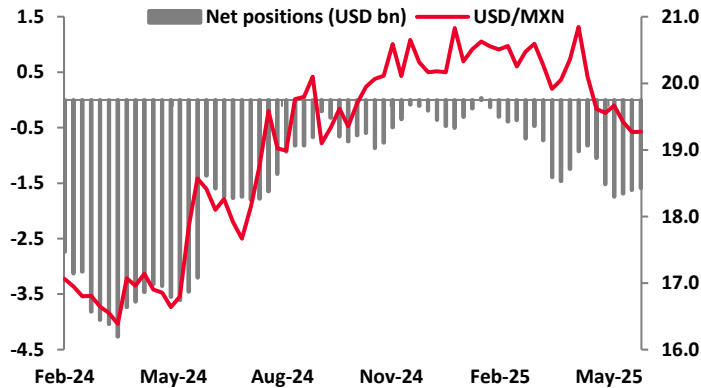


Source: Bloomberg, Banorte

# FX positioning and flows

## IMM positioning in USD/MXN futures

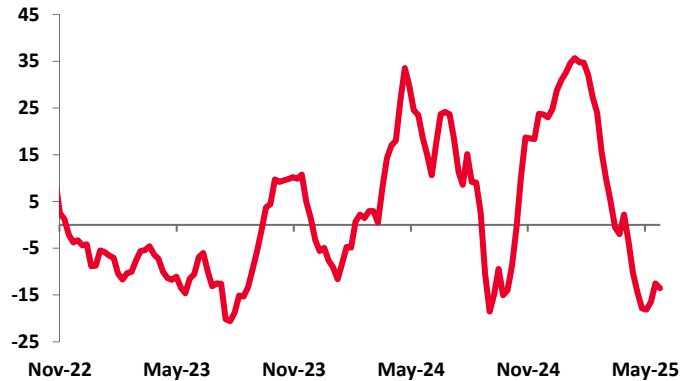
Billion dollars, Negative = net long in MXN



Source: CME, Banorte

## IMM positioning in USD futures\*

Billion dollars, Positive = net long in USD

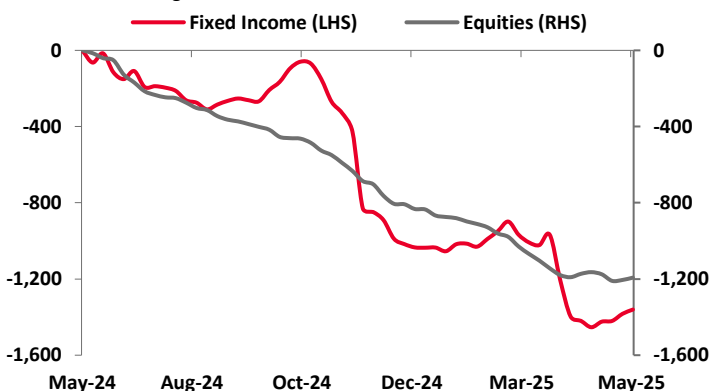


\*Respect to EUR, AUD, GBP, NZD, MXN, CAD, JPY, and CHF

Source: CME, Banorte

## Foreign portfolio flows into Mexico (excluding ETF's investments)

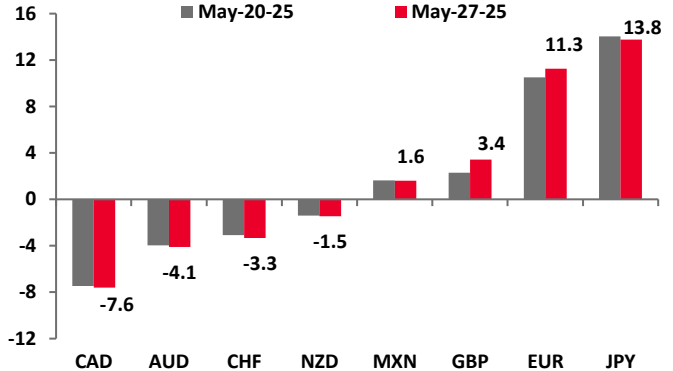
Accumulated during the last 12M, million dollars



Source: EPFR Global, Banorte

## IMM positioning by currency\*

Billion dollars

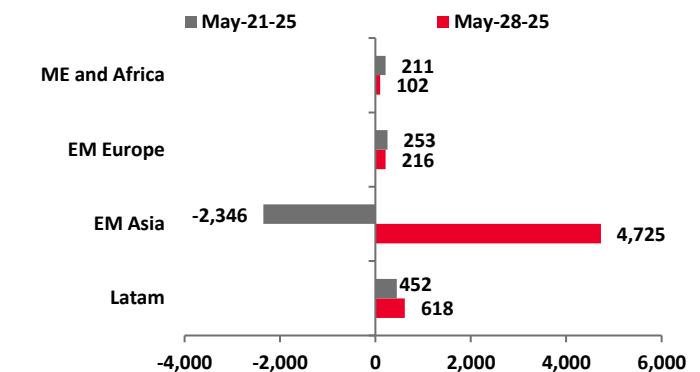


\* Positive: Net long in the corresponding currency

Source: CME, Banorte

## Net foreign portfolio flows by region (Only ETF's investments)

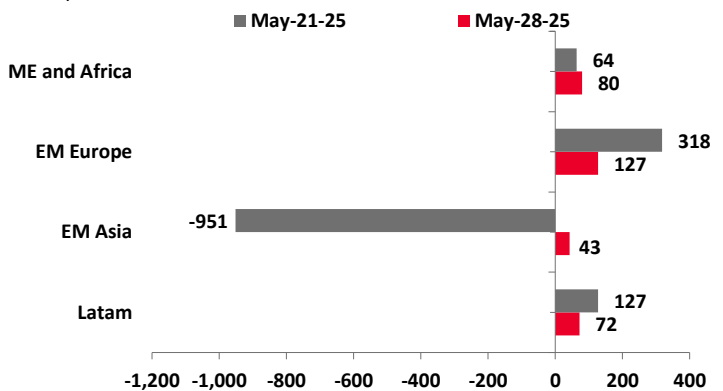
Billion dollars



Source: EPFR Global, Banorte

## Net foreign portfolio flows by region (excluding ETF's investments)

Weekly, million dollars



Source: EPFR Global, Banorte

## FX technicals

### USD/MXN – Moving averages and Fibonacci retracement

Last 12 months



Source: Bloomberg, Banorte

### USD/MXN – 1-month correlation with other currencies and assets

Based on daily percentage changes

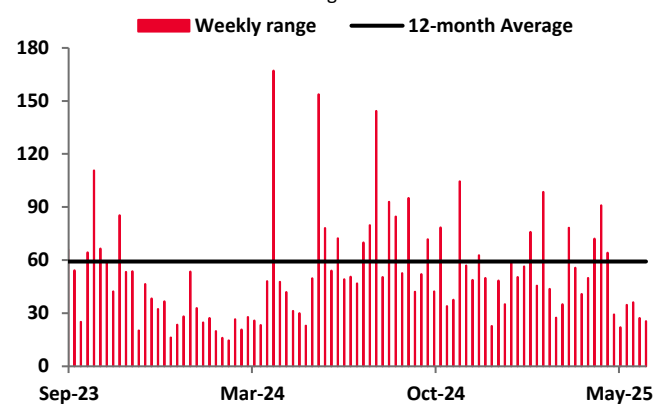
	Actual (%)	Previous week	6m Min	6m Max	6m Average
EUR	31	28	-2	62	34
CAD	11	22	6	78	50
JPY	15	13	-49	31	-5
BRL	49	50	7	87	51
CLP	45	41	4	79	41
ZAR	-3	-1	-9	76	52
VIX	2	17	-6	76	34
SPX	6	-6	-14	70	32
GSCI	38	48	-21	78	28
Gold	2	1	-15	55	14

\* Positive: appreciation of MXN and corresponding asset except VIX

Source: Bloomberg, Banorte

### USD/MXN – Weekly trading range

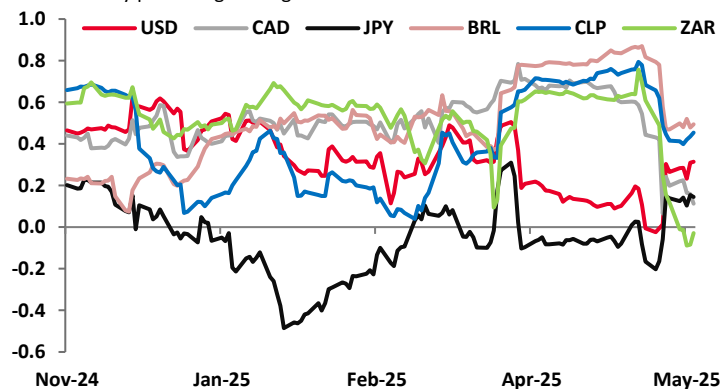
MXN cents with last 12 month average



Source: Bloomberg, Banorte

### USD/MXN – 1-month correlation with other currencies\*

Based on daily percentage changes

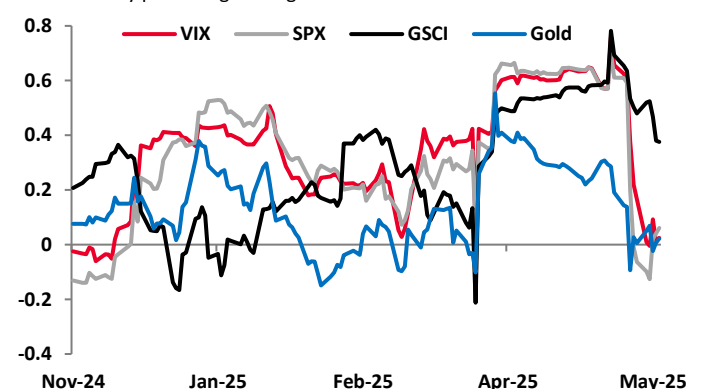


\* Positive: appreciation of MXN and corresponding currency

Source: Bloomberg, Banorte

### USD/MXN – 1-month correlation with other assets\*

Based on daily percentage changes

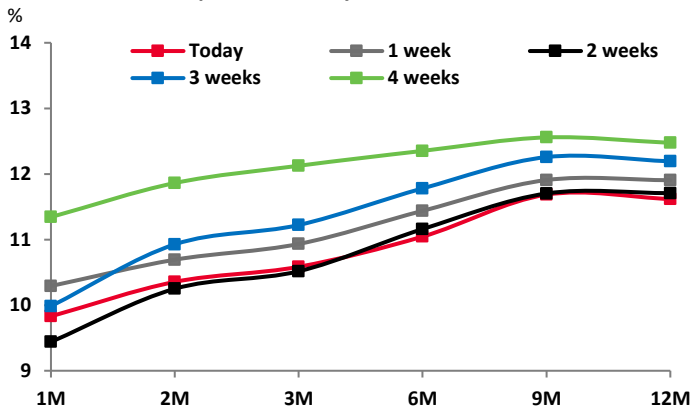


\* Positive: appreciation of MXN and corresponding asset except VIX

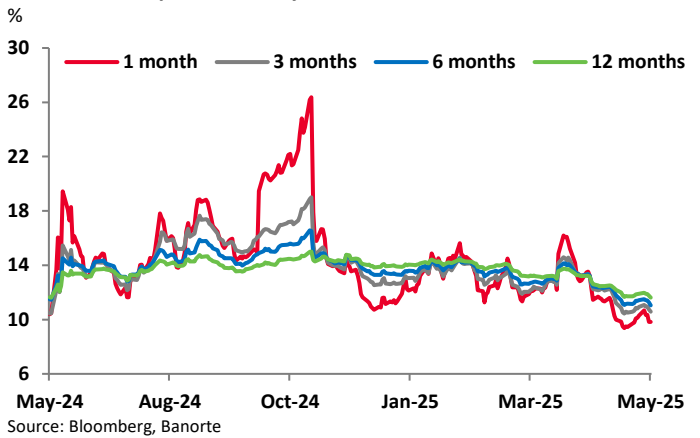
Source: Bloomberg, Banorte

## FX technicals (continued)

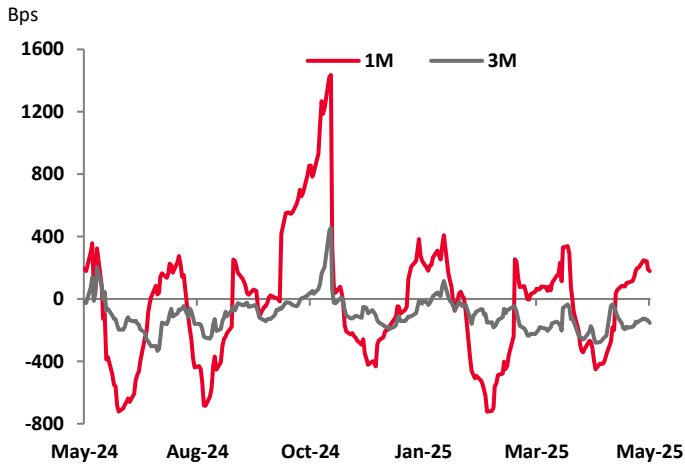
USD/MXN – ATM options volatility curve



USD/MXN – Implied volatility

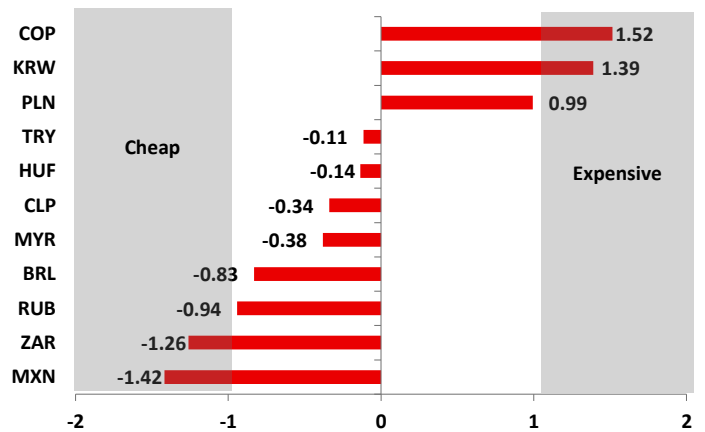


USD/MXN – Spread between implicit and historical volatility



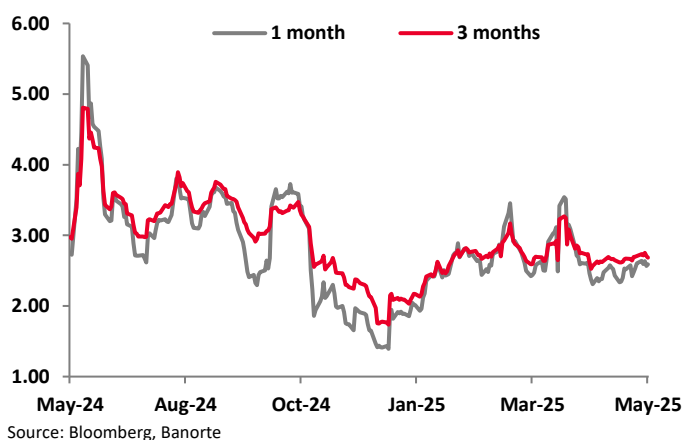
Emerging markets 1-month ATM options volatility

Against USD, in  $\sigma$  relative to last year's average



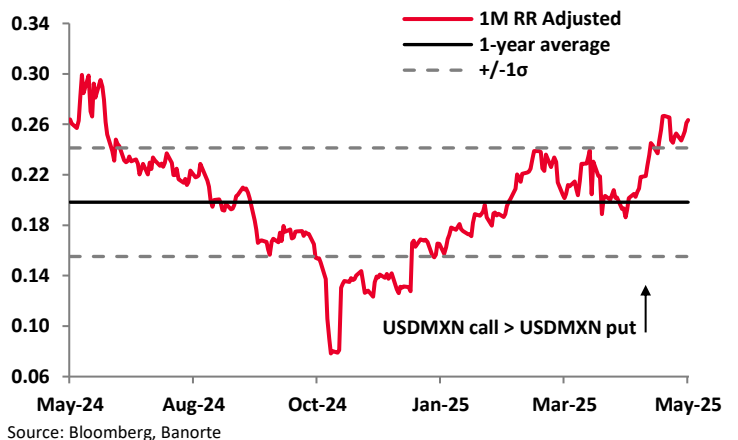
USD/MXN – 25D risk reversals

Last 12 months, difference between USD calls and puts, in vols



USD/MXN – 1-month 25D volatility-adjusted risk reversal

Last 12 months, ratio adjusted against 1-month implied volatility



# Weekly economic calendar

For the week ending June 8<sup>th</sup>, 2025

	Time		Event	Period	Unit	Banorte	Survey	Previous
Mon 2	03:55	GER	Manufacturing PMI*	May (F)	index	--	48.8	48.8
	04:00	EZ	Manufacturing PMI*	May (F)	index	--	49.4	49.4
	04:30	UK	Manufacturing PMI*	May (F)	index	--	45.1	45.1
	09:00	BZ	Manufacturing PMI*	May	index	--	--	50.3
	09:45	US	Manufacturing PMI*	May (F)	index	52.3	52.3	52.3
	10:00	US	ISM manufacturing*	May	index	49.0	49.5	48.7
	10:15	US	Fed's Logan Participates in Moderated Q&A					
	11:00	MX	Family remittances	Apr	US\$bn	4,984.8	5,125.1	5,150.3
	11:00	MX	Survey of expectations (Banxico)					
	12:45	US	Fed's Goolsbee Participates in Moderated Q&A					
	13:00	US	Fed's Powell Gives Opening Remarks at the Board of Governors IF 75th Anniversary Conference					
	14:00	MX	Manufacturing PMI (IMEF)*	May	index	46.4	--	45.5
	14:00	MX	Non-manufacturing PMI (IMEF)*	May	index	49.5	--	49.0
	21:45	CHI	Manufacturing PMI (Caixin)*	May	index	--	50.7	50.4
Tue 3	05:00	EZ	Consumer prices	May (P)	% y/y	--	2.0	2.2
	05:00	EZ	Core	May (P)	% y/y	--	2.5	2.7
	05:00	EZ	Unemployment rate*	Apr	%	--	6.2	6.2
	08:00	BZ	Industrial production	Apr	% y/y	--	0.4	3.1
	08:00	BZ	Industrial production*	Apr	% m/m	--	0.4	1.2
	10:00	US	Factory orders*	Apr	% m/m	--	-3.1	3.4
	10:00	US	Ex transportation*	Apr	% m/m	--	--	-0.4
	10:00	US	Durable goods orders*	Apr (F)	% m/m	--	-6.3	-6.3
	10:00	US	Ex transportation*	Apr (F)	% m/m	--	--	0.2
	10:00	US	JOLTS Job Openings	Apr	thousands	--	7,100	7,192
	11:00	MX	International reserves	May 30	US\$bn	--	--	239.9
	12:45	US	Fed's Goolsbee Participates in Moderated Q&A					
	13:00	US	Fed's Cook Discusses Economic Outlook and monetary policy					
	13:30	MX	Government weekly auction: 1-, 3-, 6-, and 24-month Cetes, 20-year Mbono (Nov'42), 20-year Udibono (Nov'43) and 1-, 3- and 7-year Bondes F					
Wed 4	15:00	US	Fed's Logan Gives Opening Remarks at Fed Listens					
		US	Total vehicle sales**	May	millions	--	16.2	17.3
	03:55	GER	Services PMI*	May (F)	index	--	47.2	47.2
	03:55	GER	Composite PMI*	May (F)	index	--	48.6	48.6
	04:00	EZ	Services PMI*	May (F)	index	--	48.9	48.9
	04:00	EZ	Composite PMI*	May (F)	index	--	49.5	49.5
	04:30	UK	Services PMI*	May (F)	index	--	50.2	50.2
	08:00	MX	Gross fixed investment	Mar	% y/y	-1.3	-1.3	-7.8
	08:00	MX	Gross fixed investment*	Mar	% m/m	0.1	0.1	0.1
	08:00	MX	Private consumption	Mar	% y/y	1.2	--	-1.9
	08:00	MX	Private consumption*	Mar	% m/m	-0.1	--	1.2
	08:15	US	ADP employment*	May	thousands	100	110	62
	08:30	US	Fed's Bostic, Cook Moderate Fed Listens Event					
	09:45	CAN	Monetary policy decision (BoC)	Jun 4	%	--	2.50	2.75
Thu 5	09:45	US	Services PMI*	May (F)	index	--	52.3	52.3
	09:45	US	Composite PMI*	May (F)	index	--	--	52.1
	10:00	US	ISM services*	May	index	--	52.1	51.6
	14:00	US	Beige Book					
	21:45	CHI	Services PMI (Caixin)*	May	index	--	51.0	50.7
	21:45	CHI	Composite PMI (Caixin)*	May	index	--	--	51.1
	08:00	MX	Consumer confidence*	May	index	45.6	--	45.3
	08:15	EZ	Monetary policy decision (ECB)	Jun 5	%	2.00	2.00	2.25
	08:30	US	Trade balance*	Apr	US\$bn	--	-117.3	-140.5
	08:30	US	Initial jobless claims*	May 31	thousands	233	235	240
	08:45	EZ	ECB President Christine Lagarde Holds Press Conference					
	12:00	US	Fed's Kugler Speaks on Economic Outlook, Policy					
	13:30	US	Fed's Schmid Speaks on Banking Policy					
	13:30	US	Fed's Harker Speaks on Economic Outlook					
	16:30	MX	Citi Survey of Economists					
Fri 6	02:00	GER	Industrial production*	Apr	% m/m	--	-0.9	3.0
	02:00	GER	Trade balance	Apr	EURbn	--	20.0	21.2
	05:00	EZ	Retail sales*	Apr	% m/m	--	0.2	-0.1
	05:00	EZ	Gross domestic product	1Q25	% y/y	--	1.2	1.2
	05:00	EZ	Gross domestic product*	1Q25	% q/q	--	0.4	0.3
	08:30	US	Nonfarm payrolls*	May	thousands	145	125	177
	08:30	US	Unemployment rate*	May	%	4.2	4.2	4.2
Sun 8	15:00	US	Consumer credit*	Apr	USDbn	--	10.9	10.2
	19:50	JN	Gross domestic product*	1Q25 (F)	% q/q	--	--	-0.2
	21:30	CHI	Consumer Prices	May	% y/y	--	--	-0.1
	22:30	CHI	Trade balance	May	USDbn	--	--	96.2
	22:30	CHI	Exports	May	% y/y	--	--	8.1
	22:30	CHI	Imports	May	% y/y	--	--	-0.2

Source: Bloomberg and Banorte. (P) preliminary data; (R) revised data; (F) final data; \* Seasonally adjusted, \*\* Seasonally adjusted annualized rate



Recent trade ideas				
Trade idea	P/L	Initial date	End date	
Receive 2-year TIIE-F swaps (26x1)		May-30-25		
Pay TIIE-IRS (130x1), receive 10-year SOFR	L	Feb-28-25	Apr-11-25	
2y10y TIIE-F steepener	P	Jan-17-25	Apr-10-25	
3y10y TIIE-IRS steepener	L	Sep-27-24	Oct-7-24	
Tactical longs in Udibono Dec'26	L	Sep-27-24	Oct-24-24	
2y10y TIIE-IRS steepener	P	Jul-11-24	Sep-17-24	
Tactical longs in Udibono Nov'35	P	Jul-5-24	Aug-02-24	
Tactical longs in Udibono Dec'26	P	Feb-16-24	Mar-08-24	
Pay 1-year TIIE-IRS (13x1)	P	Jan-12-24	Jan-19-24	
2y10y TIIE-IRS steepener	L	Oct-13-23	Feb-23-24	
Long positions in Mbono Dec'24	P	Jun-16-23	Jun-22-23	
Pay TIIE-IRS (26x1), receive 2-year SOFR	L	Aug-18-22	Oct-28-22	
Pay 2-year TIIE-IRS (26x1)	P	Feb-4-22	Mar-4-22	
Tactical longs in Mbono Mar'26	P	May-14-21	Jun-7-21	
Receive 6-month TIIE-IRS (6x1)	P	Dec-17-20	Mar-3-21	
Long positions in Udibono Nov'23	L	Feb-11-21	Feb-26-21	
Long positions in Mbono May'29 & Nov'38	P	Sep-7-20	Sep-18-20	
Long positions in Udibono Dec'25	P	Jul-23-20	Aug-10-20	
Long positions in Udibono Nov'35	P	May-22-20	Jun-12-20	
Long positions in Mbono May'29	P	May-5-20	May-22-20	
Tactical longs in 1- & 2-year TIIE-28 IRS	P	Mar-20-20	Apr-24-20	
Long positions in Udibono Nov'28	P	Jan-31-20	Feb-12-20	
Long positions in Udibono Jun'22	P	Jan-9-20	Jan-22-20	
Long positions in Mbono Nov'47	L	Oct-25-19	Nov-20-19	
Long positions in Mbonos Nov'36 & Nov'42	P	Aug-16-19	Sep-24-19	
Long positions in the short-end of Mbonos curve	P	Jul-19-19	Aug-2-19	
Long positions in Mbonos Nov'42	L	Jul-5-19	Jul-12-19	
Long positions in Mbonos Nov'36 & Nov'38	P	Jun-10-19	Jun-14-19	
Long positions in Mbonos Jun'22 & Dec'23	P	Jan-9-19	Feb-12-19	
Long floating-rate Bondes D	P	Oct-31-18	Jan-3-19	
Long CPI-linked Udibono Jun'22	L	Aug-7-18	Oct-31-18	
Long floating-rate Bondes D	P	Apr-30-18	Aug-3-18	
Long 20- to 30-year Mbonos	P	Jun-25-18	Jul-9-18	
Short Mbonos	P	Jun-11-18	Jun-25-18	
Long CPI-linked Udibono Jun'19	P	May-7-18	May-14-18	
Long 7- to 10-year Mbonos	L	Mar-26-18	Apr-23-18	
Long CPI-linked Udibono Jun'19	P	Mar-20-18	Mar-26-18	
Long 5- to 10-year Mbonos	P	Mar-5-18	Mar-20-18	
Long floating-rate Bondes D	P	Jan-15-18	Mar-12-18	
Long 10-year UMS Nov'28 (USD)	L	Jan-15-18	Feb-2-18	

P = Profit, L = Loss

Short-term tactical trades						
Trade Idea	P/L*	Entry	Exit	Initial Date	End date	
USD/MXN call spread (European options: long call with K=20.65 & short call with K=21.00)	L	20.55	20.25	Feb-28-25	Mar-7-25	
USD/MXN call spread (American options: long call with K=20.65 & short call with K=21.00)	P	20.55	21.00	Feb-28-25	Mar-4-25	
Long USD/MXN	P	19.30	19.50	Oct-11-19	Nov-20-19	
Long USD/MXN	P	18.89	19.35	Mar-20-19	Mar-27-19	
Long USD/MXN	P	18.99	19.28	Jan-15-19	Feb-11-19	
Long USD/MXN	P	18.70	19.63	Oct-16-18	Jan-3-19	
Short USD/MXN	P	20.00	18.85	Jul-2-18	Jul-24-18	
Long USD/MXN	P	19.55	19.95	May-28-18	Jun-4-18	
Long USD/MXN	P	18.70	19.40	Apr-23-18	May-14-18	
Long USD/MXN	P	18.56	19.20	Nov-27-17	Dec-13-17	
Long USD/MXN	L	19.20	18.91	Nov-6-17	Nov-17-17	
Long USD/MXN	P	18.58	19.00	Oct-9-17	Oct-23-17	
Short USD/MXN	L	17.80	18.24	Sep-4-17	Sep-25-17	
Long USD/MXN	P	14.40	14.85	Dec-15-14	Jan-5-15	
Long USD/MXN	P	13.62	14.11	Nov-21-14	Dec-3-14	
Short EUR/MXN	P	17.20	17.03	Aug-27-14	Sep-4-14	

\* Total return does not consider carry gain/losses

P = Profit, L = Loss

Track of directional fixed-income trade recommendations								
Trade idea	Entry	Target	Stop-loss	Closed	P/L	Initial date	End date	
Long Udibono Dec'20	3.05%	2.90%	3.15%	3.15%	L	Aug-9-17	Oct-6-17	
5y10y TIIE-IRS steepener	28bps	43bps	18bps	31bps	P <sup>2</sup>	Feb-15-17	Mar-15-17	
5y10y TIIE-IRS steepener	35bps	50bps	25bps	47bps	P	Oct-5-16	Oct-19-16	
Long Mbono Jun'21	5.60%	5.35%	5.80%	5.43%	P	Jul-13-16	Aug-16-16	
Long Udibono Jun'19	1.95%	1.65%	2.10%	2.10%	L	Jul-13-16	Aug-16-16	
Receive 1-year TIIE-IRS (13x1)	3.92%	3.67%	4.10%	3.87% <sup>1</sup>	P	Nov-12-15	Feb-8-16	
Long spread 10-year TIIE-IRS vs US Libor	436bps	410bps	456bps	410bps	P	Sep-30-15	Oct-23-15	
Receive 9-month TIIE-IRS (9x1)	3.85%	3.65%	4.00%	3.65%	P	Sep-3-15	Sep-18-15	
Spread TIIE 2/10 yrs (flattening)	230bps	200bps	250bps	200bps	P	Jun-26-15	Jul-29-15	
Long Mbono Dec'24	6.12%	5.89%	6.27%	5.83%	P	Mar-13-15	Mar-19-15	
Relative-value trade, long 10-year Mbono (Dec'24) / flattening of the curve					P	Dec-22-14	Feb-6-15	
Pay 3-month TIIE-IRS (3x1)	3.24%	3.32%	3.20%	3.30%	P	Jan-29-15	Jan-29-15	
Pay 9-month TIIE-IRS (9x1)	3.28%	3.38%	3.20%	3.38%	P	Jan-29-15	Jan-29-15	
Pay 5-year TIIE-IRS (65x1)	5.25%	5.39%	5.14%	5.14%	L	Nov-4-14	Nov-14-14	
Long Udibono Dec'17	0.66%	0.45%	0.82%	0.82%	L	Jul-4-14	Sep-26-14	
Relative-value trade, long Mbonos 5-to-10-year					P	May-5-14	Sep-26-14	
Receive 2-year TIIE-IRS (26x1)	3.75%	3.55%	3.90%	3.90%	L	Jul-11-14	Sep-10-14	
Receive 1-year TIIE-IRS (13x1)	4.04%	3.85%	4.20%	3.85%	P	Feb-6-14	Apr-10-14	
Long Udibono Jun'16	0.70%	0.45%	0.90%	0.90%	L	Jan-6-14	Feb-4-14	
Long Mbono Jun'16	4.47%	3.90%	4.67%	4.06%	P	Jun-7-13	Nov-21-13	
Receive 6-month TIIE-IRS (6x1)	3.83%	3.65%	4.00%	3.81%	P	Oct-10-13	Oct-25-13	
Receive 1-year TIIE-IRS (13x1)	3.85%	3.55%	4.00%	3.85%	--	Oct-10-13	Oct-25-13	
Long Udibono Dec'17	1.13%	0.95%	1.28%	1.35%	L	Aug-9-13	Sep-10-13	
Receive 9-month TIIE-IRS (9x1)	4.50%	4.32%	4.65%	4.31%	P	Jun-21-13	Jul-12-13	
Spread TIIE-Libor (10-year)	390bps	365bps	410bps	412bps	L	Jun-7-13	Jun-11-13	
Receive 1-year TIIE-IRS (13x1)	4.22%	4.00%	4.30%	4.30%	L	Apr-19-13	May-31-13	
Long Udibono Jun'22	1.40%	1.20%	1.55%	0.97%	P	Mar-15-13	May-3-13	
Receive 1-year TIIE-IRS (13x1)	4.60%	4.45%	4.70%	4.45%	P	Feb-1-13	Mar-7-13	
Long Mbono Nov'42	6.22%	5.97%	6.40%	5.89%	P	Feb-1-13	Mar-7-13	
Long Udibono Dec'13	1.21%	0.80%	1.40%	1.40%	L	Feb-1-13	Apr-15-13	
Receive 1-year TIIE-IRS (13x1)	4.87%	4.70%	5.00%	4.69%	P	Jan-11-13	Jan-24-13	
Receive TIIE Pay Mbono (10-year)	46bps	35bps	54bps	54bps	L	Oct-19-12	Mar-8-13	
Spread TIIE-Libor (10-year)	410bps	385bps	430bps	342bps	P	Sep-21-13	Mar-8-13	
Long Udibono Dec'12	+0.97%	-1.50%	+1.20%	-6.50%	P	May-1-12	Nov-27-12	
Long Udibono Dec'13	+1.06%	0.90%	+1.35%	0.90%	P	May-1-12	Dec-14-12	

1. Carry + roll-down gains of 17bps

2. Closed below target and before the proposed horizon date due to changes in market conditions that have differed from our expectations.

P = Profit, L = Loss

Track of the directional FX trade recommendations								
Trade Idea	Entry	Target	Stop-loss	Closed	P/L*	Initial Date	End date	
Long USD/MXN	18.57	19.50	18.20	18.20	L	Jan-19-18	Apr-2-18	
Long USD/MXN	14.98	15.50	14.60	15.43	P	Mar-20-15	Apr-20-15	
Short EUR/MXN	17.70	n.a.	n.a.	16.90	P	Jan-5-15	Jan-15-15	
Short USD/MXN	13.21	n.a.	n.a.	13.64	L	Sep-10-14	Sep-26-14	
USD/MXN call spread**	12.99	13.30	n.a.	13.02	L	May-6-14	Jun-13-14	
Directional short USD/MXN	13.00	12.70	13.25	13.28	L	Oct-31-13	Nov-8-13	
Limit short USD/MXN	13.25	12.90	13.46	--	--	Oct-11-13	Oct-17-13	
Short EUR/MXN	16.05	15.70	16.40	15.69	P	Apr-29-13	May-9-13	
Long USD/MXN	12.60	12.90	12.40	12.40	L	Mar-11-13	Mar-13-13	
Long USD/MXN	12.60	12.90	12.40	12.85	P	Jan-11-13	Feb-27-13	
Tactical limit short USD/MXN	12.90	12.75	13.05	--	--	Dec-10-12	Dec-17-12	
Short EUR/MXN	16.64	16.10	16.90	16.94	L	Oct-3-12	Oct-30-12	

\* Total return does not consider carry gain/losses

\*\* Low strike (long call) at 13.00, high strike (short call) at 13.30 for a premium of 0.718% of notional amount

P = Profit, L = Loss

## Analyst Certification.

We, Alejandro Padilla Santana, Juan Carlos Alderete Macal, Alejandro Cervantes Llamas, Marissa Garza Ostos, Katia Celina Goya Ostos, Francisco José Flores Serrano, José Luis García Casales, Santiago Leal Singer, Víctor Hugo Cortes Castro, Leslie Thalia Orozco Vélez, Hugo Armando Gómez Solís, Carlos Hernández García, Yazmín Selene Pérez Enríquez, Cintia Gisela Nava Roa, José De Jesús Ramírez Martínez, Daniel Sebastián Sosa Aguilar, Gerardo Daniel Valle Trujillo, Luis Leopoldo López Salinas, Marcos Saúl García Hernandez, Juan Carlos Mercado Garduño, Ana Gabriela Martínez Mosqueda, Ana Laura Zaragoza Félix, Jazmin Daniela Cuautencos Mora, Andrea Muñoz Sánchez and Paula Lozoya Valadez, certify that the points of view expressed in this document are a faithful reflection of our personal opinion on the company (s) or firm (s) within this report, along with its affiliates and/or securities issued. Moreover, we also state that we have not received, nor receive, or will receive compensation other than that of Grupo Financiero Banorte S.A.B. of C.V for the provision of our services.

## Relevant statements.

In accordance with current laws and internal procedures manuals, analysts are allowed to hold long or short positions in shares or securities issued by companies that are listed on the Mexican Stock Exchange and may be the subject of this report; nonetheless, equity analysts have to adhere to certain rules that regulate their participation in the market in order to prevent, among other things, the use of private information for their benefit and to avoid conflicts of interest. Analysts shall refrain from investing and holding transactions with securities or derivative instruments directly or through an intermediary person, with Securities subject to research reports, from 30 calendar days prior to the issuance date of the report in question, and up to 10 calendar days after its distribution date.

## Compensation of Analysts.

Analysts' compensation is based on activities and services that are aimed at benefiting the investment clients of Casa de Bolsa Banorte and its subsidiaries. Such compensation is determined based on the general profitability of the Brokerage House and the Financial Group and on the individual performance of each analyst. However, investors should note that analysts do not receive direct payment or compensation for any specific transaction in investment banking or in other business areas.

## Last-twelve-month activities of the business areas.

Grupo Financiero Banorte S.A.B. de C.V., through its business areas, provides services that include, among others, those corresponding to investment banking and corporate banking, to a large number of companies in Mexico and abroad. It may have provided, is providing or, in the future, will provide a service such as those mentioned to the companies or firms that are the subject of this report. Casa de Bolsa Banorte or its affiliates receive compensation from such corporations in consideration of the aforementioned services.

Over the course of the last twelve months, Grupo Financiero Banorte S.A.B. C.V., has not obtained compensation for services rendered by the investment bank or by any of its other business areas of the following companies or their subsidiaries, some of which could be analyzed within this report.

## Activities of the business areas during the next three months.

Casa de Bolsa Banorte, Grupo Financiero Banorte or its subsidiaries expect to receive or intend to obtain revenue from the services provided by investment banking or any other of its business areas, by issuers or their subsidiaries, some of which could be analyzed in this report.

## Securities holdings and other disclosures.

As of the end of last quarter, Grupo Financiero Banorte S.A.B. of C.V. has not held investments, directly or indirectly, in securities or derivative financial instruments, whose underlying securities are the subject of recommendations, representing 1% or more of its investment portfolio of outstanding securities or 1 % of the issuance or underlying of the securities issued.

None of the members of the Board of Grupo Financiero Banorte and Casa de Bolsa Banorte, along general managers and executives of an immediately below level, have any charges in the issuers that may be analyzed in this document.

The Analysts of Grupo Financiero Banorte S.A.B. of C.V. do not maintain direct investments or through an intermediary person, in the securities or derivative instruments object of this analysis report.

## Guide for investment recommendations.

	Reference
BUY	When the share expected performance is greater than the MEXBOL estimated performance.
HOLD	When the share expected performance is similar to the MEXBOL estimated performance.
SELL	When the share expected performance is lower than the MEXBOL estimated performance.

Even though this document offers a general criterion of investment, we urge readers to seek advice from their own Consultants or Financial Advisors, in order to consider whether any of the values mentioned in this report are in line with their investment goals, risk and financial position.

## Determination of Target Prices

For the calculation of estimated target prices for securities, analysts use a combination of methodologies generally accepted among financial analysts, including, but not limited to, multiples analysis, discounted cash flows, sum-of-the-parts or any other method that could be applicable in each specific case according to the current regulation. No guarantee can be given that the target prices calculated for the securities will be achieved by the analysts of Grupo Financiero Banorte S.A.B. C.V, since this depends on a large number of various endogenous and exogenous factors that affect the performance of the issuing company, the environment in which it performs, along with the influence of trends of the stock market, in which it is listed. Moreover, the investor must consider that the price of the securities or instruments can fluctuate against their interest and cause the partial and even total loss of the invested capital.

*The information contained hereby has been obtained from sources that we consider to be reliable, but we make no representation as to its accuracy or completeness. The information, estimations and recommendations included in this document are valid as of the issue date, but are subject to modifications and changes without prior notice; Grupo Financiero Banorte S.A.B. of C.V. does not commit to communicate the changes and also to keep the content of this document updated. Grupo Financiero Banorte S.A.B. of C.V. takes no responsibility for any loss arising from the use of this report or its content. This document may not be photocopied, quoted, disclosed, used, or reproduced in whole or in part without prior written authorization from Grupo Financiero Banorte S.A.B. of C.V.*



**Raquel Vázquez Godínez**  
Assistant  
raquel.vazquez@banorte.com  
(55) 1670 - 2967



**María Fernanda Vargas Santoyo**  
Analyst  
maria.vargas.santoyo@banorte.com  
(55) 1103 - 4000 x 2586

#### Economic Research



**Juan Carlos Alderete Macal, CFA**  
Executive Director of Economic Research and  
Market Strategy  
juan.alderete.macal@banorte.com  
(55) 1103 - 4046



**Yazmín Selene Pérez Enríquez**  
Senior Economist, Mexico  
yazmin.perez.enriquez@banorte.com  
(55) 5268 - 1694

#### Market Strategy



**Santiago Leal Singer**  
Director of Market Strategy  
santiago.leal@banorte.com  
(55) 1670 - 1751



**Carlos Hernández García**  
Senior Strategist, Equity  
carlos.hernandez.garcia@banorte.com  
(55) 1670 - 2250



**Marcos Saúl García Hernández**  
Analyst, Fixed Income, FX and Commodities  
marcos.garcia.hernandez@banorte.com  
(55) 1670 - 2296



**Juan Carlos Mercado Garduño**  
Strategist, Equity  
juan.mercado.garduno@banorte.com  
(55) 1103 - 4000 x 1746

#### Quantitative Analysis



**Alejandro Cervantes Llamas**  
Executive Director of Quantitative Analysis  
alejandro.cervantes@banorte.com  
(55) 1670 - 2972



**Daniel Sebastián Sosa Aguilar**  
Senior Analyst, Quantitative Analysis  
daniel.sosa@banorte.com  
(55) 1103 - 4000 x 2124



**Alejandro Padilla Santana**  
Chief Economist and Head of  
Research  
alejandro.padilla@banorte.com  
(55) 1103 - 4043



**Itzel Martínez Rojas**  
Analyst  
itzel.martinez.rojas@banorte.com  
(55) 1670 - 2251



**Francisco José Flores Serrano**  
Director of Economic Research, Mexico  
francisco.flores.serrano@banorte.com  
(55) 1670 - 2957



**Cintia Gisela Nava Roa**  
Senior Economist, Mexico  
cintia.nava.roa@banorte.com  
(55) 1105 - 1438



**Marissa Garza Ostos**  
Director of Equity Strategy  
marissa.garza@banorte.com  
(55) 1670 - 1719



**Hugo Armando Gómez Solís**  
Senior Strategist, Equity  
hugo.gomez@banorte.com  
(55) 1670 - 2247



**Gerardo Daniel Valle Trujillo**  
Senior Analyst, Corporate Debt  
gerardo.valle.trujillo@banorte.com  
(55) 1670 - 2248



**Ana Gabriela Martínez Mosqueda**  
Strategist, Equity  
ana.martinez.mosqueda@banorte.com  
(55) 5261 - 4882



**José Luis García Casales**  
Director of Quantitative Analysis  
jose.garcia.casales@banorte.com  
(55) 8510 - 4608



**Jazmin Daniela Cuautencos Mora**  
Strategist, Quantitative Analysis  
jazmin.cuautencos.mora@banorte.com  
(55) 1670 - 2904



**Lourdes Calvo Fernández**  
Analyst (Edition)  
lourdes.calvo@banorte.com  
(55) 1103 - 4000 x 2611



**Katia Celina Goya Ostos**  
Director of Economic Research,  
Global  
katia.goya@banorte.com  
(55) 1670 - 1821



**Luis Leopoldo López Salinas**  
Economist, Global  
luis.lopez.salinas@banorte.com  
(55) 1103 - 4000 x 2707



**Víctor Hugo Cortes Castro**  
Senior Strategist, Technical  
victorh.cortes@banorte.com  
(55) 1670 - 1800



**Leslie Thalía Orozco Vélez**  
Senior Strategist, Fixed Income and FX  
leslie.orozco.velez@banorte.com  
(55) 5268 - 1698



**Ana Laura Zaragoza Félix**  
Strategist, Corporate Debt  
ana.zaragoza.felix@banorte.com  
(55) 1103 - 4000



**Paula Lozoya Valadez**  
Analyst, Equity  
paula.lozoya.valadez@banorte.com  
(55) 1103 - 4000 x 2060



**José De Jesús Ramírez Martínez**  
Senior Analyst, Quantitative Analysis  
jose.ramirez.martinez@banorte.com  
(55) 1103 - 4000



**Andrea Muñoz Sánchez**  
Strategist, Quantitative Analysis  
andrea.muñoz.sanchez@banorte.com  
(55) 1105 - 1430