

Fixed-Income & FX Strategy

Weekly

Fixed-Income and FX Weekly

Prevailing risks of upward pressure for rates in light of the PCE deflator in the U.S. This week, the market absorbed new information on the monetary policy front. The Fed's minutes solidified expectations that rate cuts will be postponed at least until June, overall cut also now expected to be minor. It's worth noting that recent surprises in US CPI and robust labor figures have been the primary drivers behind the shift in expectations. Treasuries are currently at their highest levels in nearly three months, experiencing a selloff of about 36bps during February. The movement in the nominal short-end has been mostly driven by a more pronounced adjustment in the inflation component compared to its real rate. Specifically, the 2-year UST has sold-off 48bps, with a 70% attributed to a surge in inflation breakevens. Consequently, this note closed the week at 4.69%, up from 4.21% at the end of January. Under this backdrop, the Fed's preferred inflation gauge, the PCE deflator, is due next week and will be highly significant. As such, the risk of additional pressures on rates remains latent. In Mexico, local assets were far more responsive to the sharp downside surprise in local inflation than to Banxico's minutes. While the latter clearly supported our expectation of a 25bps cut in March, we have adjusted our year-end forecast to 9.75% (previously 9.25%), also factoring the recent changes to our Fed trajectory, pushing the first rate cut to June from May. As mentioned previously, the monetary normalization cycle will steepen the curve; however, we've opted to close our trade idea on the 2s10s TIIE-IRS as current environment hasn't favored the strategy's timing. Moreover, in the short term, the pace at which the curve adjusts its inverted slope is likely to be more subdued. The spread closed today at -110bps, having gained 4bps from its weakest point in mid-December of -136bps, albeit offset by the negative impact of carry/roll down of -5.6bps per month. As a result, it incurred a net loss of 21bps over the 133 days it was open. Looking ahead, we'll remain looking for opportunities in the nominal yield curve, identifying attractive levels in Mbonos for long-term portfolios, though we still perceive a present risk of pressures. Additionally, we're holding tactical longs in the 3-year Udibono (Dec'26) and despite the latest inflation reading, on the back of (1) this term's breakeven is trading notably below its 12-month average at 3.56%; (2) there's an appealing carry in UDIS for the remainder of the 1Q24; and (3) our CPI trajectory is higher compared to market expectations. In FX, volatility compression has spread to other currencies, resulting in a relatively sideways performance even for the USD as market expectations align with major central banks' narratives (i.e. Fed and ECB). Consequently, the Mexican peso has benefited from the global context and continues to stand out from other EMs given its high carry. Despite a negative reaction to Banxico's minutes, the peso's weakest level this week was 17.16 per dollar, holding in recent ranges and signaling the opportunity to buy USD on dips for trading purposes. Looking ahead, focus will be on Banxico's Quarterly Report next week. Additionally, on Monday, February 26th, the FX NDFs hedging program concludes with the expiration of US\$50 million, down from US\$7.491 billion before its gradual reduction was announced on August 31st of last year. We view this measure as appropriate, as this facility is not indispensable for market participants to efficiently hedge their FX risks, especially given the context of the USD/MXN maintaining a defensive performance and contained volatility

 Weekly ranges – We expect that the 10-year Mbono (Nov'34) to trade between 9.05% and 9.40%, and MXN between 17.00 and 17.30 per dollar February 23, 2024



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Fixed-Income

- Mixed balance in sovereign bonds The Treasuries' curve recorded a slight flattening bias
 due to losses of 4bps at the short-end and gains of 5bps at the long-end. On the contrary,
 the Mbonos' curve steepened as a result of a 13bps rally at the short- and mid-ends, while
 the long-end registered few changes
- **Supply** On Tuesday, the MoF will auction 1-, 3-, 6-, and 24-month Cetes, the 3-year Mbono (Sep'26), the 20-year Udibono (Nov'43), and 1-, 3-, and 7-year Bondes F
- **Demand** In the last four weeks, foreigners recorded higher holdings in Cetes by 10.4%, equivalent to 13.4% of the total amount outstanding. However, they reduced their exposure in Mbonos by 2.9% (31.7% of the total). Moreover, Pension funds' holdings in Udibonos increased 2.6%, equal to 55.6% of the total. Meanwhile, Mutual funds rose their exposure to Bondes F by 2.5%, remaining as the main holders with 54.5% of the total
- Technicals The 2s30s spread on Mbonos moved to -54bps from -69bps the previous week, while this reading for Treasuries stood at -33bps from -21bps. In addition, the 10-year spread between Mbonos and Treasuries declined to 493bps from 499bps last week, remaining below the 12-month average at 516bps

Foreign Exchange

- The MXN paired three weeks of gains The Mexican peso closed at 17.12 per dollar, printing its first week of losses (-0.4%) in February, incorporating the latest CPI report in Mexico. The MXN ATM implied volatility curve decreased 0.5 vegas, maintaining a well steep slope. The 1-month reading collapsed to lows not seen since the beginning of 2020 at 7.9%, while the 1-year reading fell to the lowest since the end of 2021 at 10.9%
- The USD declined in the margin The DXY and BBDXY indices fell 0.3% and 0.1%, respectively. With this, most developed currencies recorded gains with NZD (+1.2%) as the strongest. In EM, the bias was mixed bounded by PLN (+1.2%) and RUB (-2.6%)
- Market positioning in MXN As of February 20th, the MXN CFTC position registered a net long of US\$ 2.81 billion from US\$ 2.92 billion last week, a high not seen since March 2020.
 Speculators kept their position in favor of the Mexican peso given its attractive carry and solid macroeconomic fundamentals
- Market positioning in USD The IMM USD net long position moved to US\$ 1.43 billion from US\$ 2.24 billion the previous week. Despite this adjustment, bets of further USD strengthening are likely to increase following a shift in expectations about the start of rate cuts by the Federal Reserve
- Flows Our EPFR aggregate recorded lower negative flows of US\$ 576 million from US\$ 940 million the previous week. Bonds registered inflows of US\$ 63 million from outflows of US\$ 312 million. These dynamics were diluted by equities' sales that remained stable compared to the previous week at US\$ 639 million. In Mexico, a negative flow of US\$ 32 million was recorded due to equity sales of US\$ 37 million and bond purchases of US\$ 5 million
- Technicals The MXN cut its weekly trading range to 16 cents from 20 cents the previous week. In addition, the 1-month and 3-month risk reversals collapsed to 7-month lows of 1.98% and 2.39%, respectively. The following relevant technical levels are: 17.00, 16.90, and 16.83 (resistances) and 17.26, 17.33, and 17.40 (supports)

Fixed-Income Dynamics

Fixed-income securities performance

Security	YTM	Weekly change	Δ last 4 weeks	YTD	12m Max	12m Min	12m Average
	(%)	(bps)	(bps)	(bps)	(%)	(%)	(%)
Overnight TIIE funding		2	0	20	44.45	40.02	44.22
1-day	11.25	2	0	-20	11.45	10.92	11.23
28-days¹	11.29	-1	-3	-1	11.34	10.78	11.27
91-days ¹	11.41	-1	-3	-1	11.45	10.88	11.38
182-days ¹	11.57	-1	-3	-1	11.62	11.03	11.54
Cetes		_		_			
28-days	11.15	5	-14	-9	11.49	10.45	11.14
91-days	11.30	-4	3	6	11.61	10.75	11.35
182-days	11.28	-7	-1	-5	12.06	10.90	11.49
364-days	11.14	13	4	0	12.13	10.88	11.47
728-days	10.80	-14	0	-11	12.14	10.50	11.15
Mbonos							
Sep´24	11.22	4	1	25	11.57	10.03	10.99
Dec'24	10.94	-9	2	28	11.31	9.57	10.66
Mar'25	10.04	-16	4	15	11.24	9.56	10.34
Mar'26	9.94	-16	13	18	10.92	8.85	9.85
Sep'26	9.72	-12	-1	23	10.78	9.22	9.90
Mar'27	9.40	-17	-6	2	10.53	8.58	9.50
Jun'27	9.43	-15	-1	17	10.49	8.49	9.43
Mar'29	9.28	-8	4	22	10.32	9.07	9.64
May'29	9.19	-10	1	25	10.24	8.43	9.14
May'31	9.19	-10	-7	25	10.26	8.45	9.13
May'33	9.19	-10	-11	25	10.24	8.52	9.13
Nov'34	9.18	-9	-15	23	10.21	8.49	9.11
Nov'36	9.18	-8	-12	26	10.20	8.53	9.11
Nov'38	9.31	0	-4	27	10.25	8.66	9.23
Nov'42	9.39	0	-1	32	10.25	8.71	9.26
Nov'47	9.38	0	-1	31	10.17	8.69	9.22
Jul'53	9.40	-1	-1	33	10.17	8.66	9.23
TIIE-IRS							
3-month (3x1)	11.38	-7	-2	-7	11.62	11.38	11.51
6-month (6x1)	11.22	-7	-1	-5	11.78	11.22	11.47
9-month (9x1)	11.02	-11	-3	-7	11.92	11.02	11.35
1-year (13x1)	10.74	-11	1	-4	11.91	10.65	11.10
2-year (26x1)	9.75	-12	1	5	10.90	9.49	10.03
3-year (39x1)	9.16	-13	-3	8	10.31	8.72	9.36
4-year (52x1)	8.86	-11	-3	14	10.02	8.30	9.01
5-year (65x1)	8.71	-11	-3	15	9.87	8.10	8.82
7-year (91x1)	8.63	-11	-5	18	9.78	7.98	8.71
10-year (130x1)	8.65	-11	-8	20	9.78	7.97	8.70
20-year (3x1)	8.70	-12	-9	20	9.85	8.05	8.77
30-year (390x1)	8.67	-11	-7	23	9.84	8.07	8.77
Jdibonos	3.37	**	,		5.01	5.07	0.,,
Dec'25	6.72	40	62	73	6.45	4.46	5.67
Dec'26	5.92	11	17	30	6.42	4.36	5.44
Nov'28	4.84	15	21	37	5.62	4.02	4.69
Nov'31	4.84	4	17	33	5.39	3.94	4.69
Nov'35	4.63	8	18	26	5.06	3.94	4.58
Nov'40	4.65	6	11	34	5.04	3.96	4.45
Nov 40 Nov'43	4.65			33	5.06	4.30	4.48
Nov'46	4.56	5 4	12 9	33 41	5.04	3.91	4.60
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Source: Bloomberg, PiP, Banxico, Banorte

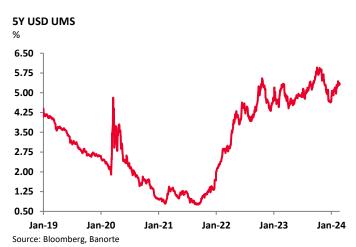
1: Compounded in advance Overnight TIIE Funding rate for "n" days

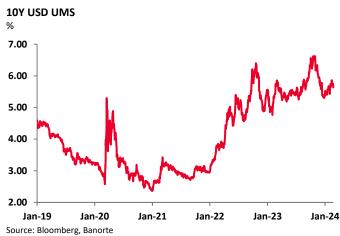


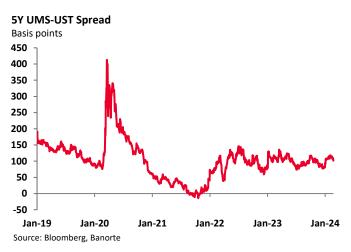
Fixed-Income Dynamics (continued)

USD UMS and US Treasuries performance

	UMS				UST				Spreads		
Term	Maturity date	YTM Feb/23/2024	Weekly change (bps)	YTD (bps)	YTM Feb/23/2024	Weekly change (bps)	YTD (bps)	Actual (bps)	Weekly change (bps)	12m Average (bps)	bps
2Y	Jan'26	5.07	+2	+60	4.69	+5	+26	38	-3	22	25
3Y	Mar'27	4.97	-6	+17	4.45	+4	+23	52	-10	32	42
5Y	May'29	5.30	-6	+51	4.28	+1	+28	102	-6	100	83
7Y	Apr'30	5.41	-7	+7	4.28	-1	+32	112	-6	128	122
10Y	May'33	5.63	-11	+8	4.25	-3	+38	138	-8	165	155
20Y	Mar'44	6.27	-8	-11	4.51	-5	+37	175	-3	193	
30Y	May'54	6.49	-7	+10	4.37	-6	+41	212	-1	228	









Fixed-Income Supply

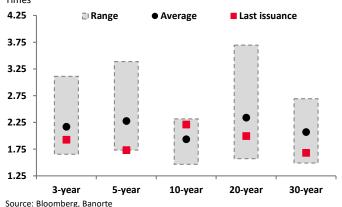
- Mexico's weekly auction. On Tuesday, the MoF will auction 1-, 3-, 6-, and 24-month Cetes, the 3-year Mbono (Sep'26), the 20-year Udibono (Nov'43), and 1-, 3-, and 7-year Bondes F
- appetite for Cetes will persist throughout the remainder of the quarter ahead of the turning point in Banxico's monetary policy. Following the minutes, we reiterate our expectation of a -25bps adjustment in March to 11.00%; however, we now anticipate a year-end rate of 9.75% (-150bps) vs previous 9.25% (-200bps). Cetes have yet to incorporate these expectations, even with the 1- and 2-year maturities settling at 11.22% and 11.00%, respectively, in their previous issuance. It's worth noting that foreign investors have increased their holding of Cetes by 8.5% YTD. Turning to nominal rates, we anticipate low appetite for the 3-year Mbono as it exhibits a relatively unattractive valuation vis-á-vis the same-term Udibono. As such, demand could be less than 1.90x, similar to its last two issuances. In real rates, we also expect weak demand for the 20-year Udibono as its valuation seems rich, similar to the longest-term Udibono. Specifically, 20- and 30-year inflation breakevens stand above the 12-month average at 4.52% and 4.60%, respectively, contrary to shorter tenors deviating significantly below their mean

Auction specifics (February 27th, 2024)

· · · · · · · · · · · · · · · · · · ·	cs (i cbi dai y 27	, 2027)		
Security	Maturity	Coupon rate, %	To be auctioned ¹	Previous yield ²
Cetes				
1m	Mar-27-24		10,000	11.00
3m	May-30-24		15,000	11.35
6m	Aug-22-24		11,100	11.33
24m	Feb-19-26		18,200	11.00
Bondes F				
1Y	Jan-16-25		8,000	0.11
3Y	Jan-14-27		3,500	0.19
7Y	Oct-04-29		900	0.24
Bono M				
3Y	Sep-03-26	7.00	14,500	9.75
Udibono				
20Y	Nov-12-43	3.25	UDIS 850	4.50

Source: Banxico, Banorte

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

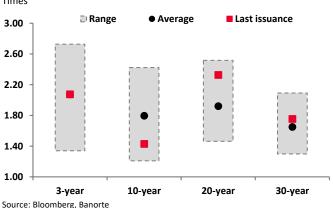


1Q24 Government Securities Auction Calendar*

Date	Cetes	Bonos M	Udibonos	Bondes F
2-Jan	1, 3, 6, and 24M	3Y (Sep'26)	20Y (Nov'43)	1, 3, and 7Y
9-Jan	1, 3, 6, and 12M	30Y (Jul'53)	10Y (Nov'31)	2, 5, and 10Y
16-Jan	1, 3, 6, and 24M	5Y (Mar'29)	30Y (Nov'50)	1, and 3Y
23-Jan	1, 3, 6, and 12M	10Y (Nov'34)	3Y (Dec'26)	2, and 5Y
30-Jan	1, 3, 6, and 24M	3Y (Sep'26)	20Y (Nov'43)	1, 3, and 7Y
6-Feb	1, 3, 6, and 12M	20Y (Nov'42)	10Y (Nov'31)	2, 5, and 10Y
13-Feb	1, 3, 6, and 24M	5Y (Mar'29)	30Y (Nov'50)	1, and 3Y
20-Feb	1, 3, 6, and 12M	30Y (Jul'53)	3Y (Dec'26)	2, and 5Y
27-Feb	1, 3, 6, and 24M	3Y (Sep'26)	20Y (Nov'43)	1, 3, and 7Y
5-Mar	1, 3, 6, and 12M	10Y (Nov'34)	10Y (Nov'31)	2, 5, and 10Y
12-Mar	1, 3, 6, and 24M	5Y (Mar'29)	30Y (Nov'50)	1, and 3Y
19-Mar	1, 3, 6, and 12M	20Y (Nov'42)	3Y (Dec'26)	2, and 5Y
25-Mar	1, 3, 6, and 24M	3Y (Sep'26)	20Y (Nov'43)	1, 3, and 7Y

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

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





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

Fixed-Income Demand

Government and IPAB securities holdings by type of investor

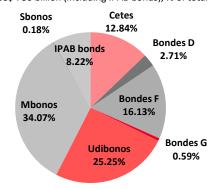
US\$ billion, *UDIS billion, data as of Feb/13/2024

Securities	Total amount outstanding	Foreign investors	Pension funds	Mutual funds	Isuarance companies	Local banks	Repos with Banxico	Guarantees received by Banxico	Securities held by Banxico	Other domestic residents
Cetes	94.54	12.69	13.82	12.77	4.61	10.34	0.93	3.98	-	35.40
Bondes D	19.94	1.06	0.93	7.91	0.40	3.56	0.64	0.03	-	5.40
Bondes F	118.77	0.01	5.18	64.73	1.88	14.10	0.92	0.28	-	31.67
Bondes G	4.36	-	0.07	2.55	0.31	0.70	0.30	-	-	0.43
Udibonos	185.89	8.40	103.36	7.96	35.12	3.03	0.95	0.08	-	27.00
Mbonos	250.82	79.50	61.03	5.75	7.21	38.95	10.98	1.81	0.87	44.71
Sbonos	1.34	0.59	0.40	0.01	0.03	0.07	-	-	-	0.25
Total	675.65	102.26	184.79	101.68	49.56	70.75	14.72	6.18	0.87	144.84
Udibonos*	395.15	17.85	219.72	16.93	74.64	6.43	2.01	0.16	-	57.39
IPAB bonds	60.54	0.05	0.60	19.94	0.17	10.23	5.49	2.38	-	21.68

Source: Banxico, Banorte

Government issuance by type of instrument

Total amount of US\$ 736 billion (including IPAB bonds), % of total



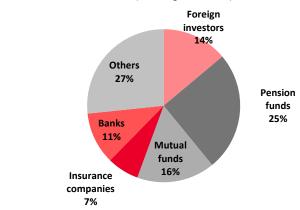
Source: Banxico, Banorte

Government securities holdings by type of investor

Total amount of US\$ 736 billion (including IPAB bonds), % of total

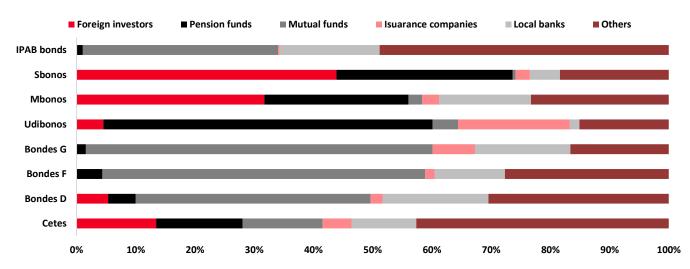
Mbonos holdings by type of investor

Total amount of US\$ 736 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



Source: Banxico, Banorte

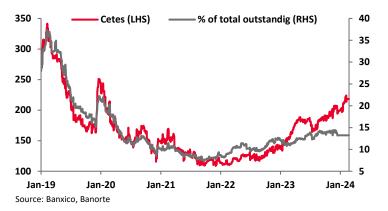
Note: "Others" includes repos, guarantee and securities held by Banxico, as well as other domestic residents



Fixed-Income Demand (continued)

Cetes held by foreigners

MXN billion, %



Holdings of main investors by type of security

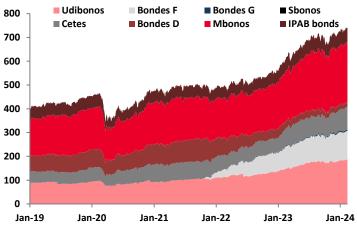
Data as of Feb/13/2024

	Foreign in	estors/	Pension f	unds	Mutual funds		
	Δ last 4 weeks (%)	YTD (%)	Δ last 4 weeks (%)	YTD (%)	Δ last 4 weeks (%)	YTD (%)	
Cetes	10.36	9.33	5.15	6.87	-4.51	4.39	
Bondes F	52.13	122.58	-15.66	-27.64	2.58	2.14	
Udibonos	-4.23	-3.81	2.62	4.31	-5.21	10.54	
Mbonos	-2.87	-2.43	2.24	4.05	12.32	-12.09	

Source: Banxico, Banorte

Government securities issuance

USD Billions



Fuente: Banxico, Banorte

Mbonos held by foreigners

MXN trillion, %



Mbonos holdings by type of investor

US\$ billions and %, data as Feb/08/2024

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Maturity	Amount Outstanding	Local Banks	Foreign investors	Pension and Mutual funds	Others
Sep'24	15.8	21%	13%	12%	54%
Dec'24	11.8	26%	21%	8%	45%
Mar'25	7.9	34%	17%	19%	30%
Mar'26	26.1	34%	27%	13%	26%
Sep'26	10.0	40%	19%	15%	26%
Mar'27	21.2	27%	20%	11%	42%
Jun'27	20.7	20%	32%	29%	20%
Mar'29	6.5	22%	27%	18%	33%
May'29	16.3	5%	49%	22%	23%
May'31	24.4	3%	46%	34%	17%
May'33	16.4	7%	41%	30%	22%
Nov'34	6.7	1%	46%	39%	14%
Nov'36	4.4	0%	25%	46%	29%
Nov'38	12.7	1%	41%	43%	15%
Nov'42	19.5	2%	39%	45%	14%
Nov'47	15.2	0%	37%	45%	18%
Jul'53	12.5	1%	33%	45%	21%
Total	235.7	15%	32%	27%	26%

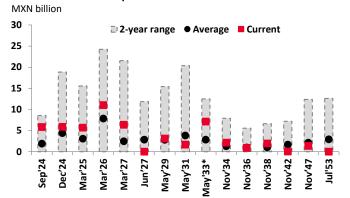
Source: Banxico, Banorte

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



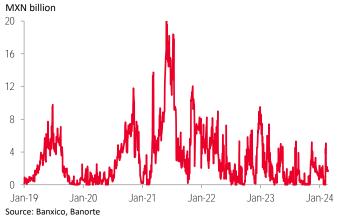
Fixed-Income Demand - Primary dealers

Market makers' short positions on Mbonos

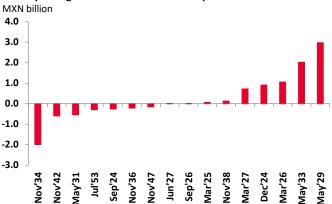


Source: Banxico, Banorte *May'33 issued in December 2022

Market makers' short positions on Mbono May'31



Weekly change in market makers' short positions on Mbonos



Source: Banxico, Banorte

Market makers' short positions on Mbono Nov'47



Market makers' position on Mbonos

US\$ million

Maturity date	Total amount outstanding as of Feb/22/2024	Feb/22/2024	Previous Week	Previous Month	Previous Year	6m Max	6m Min
Sep'24	15,851	342	357	117	54	357	0
Dec'24	12,100	343	290	169	364	348	42
Mar'25	8,882	332	328	267	69	597	159
Mar'26	26,352	644	583	546	465	1,092	211
Sep'26	10,167	508	507	362	0	520	1
Mar'27	21,585	372	330	179	158	700	8
Jun'27	20,569	0	0	0	52	322	0
Mar'29	7,650	179	379	95	0	507	0
May'29	17,457	181	8	196	265	901	8
May'31	24,279	97	128	62	224	305	0
May'33	16,966	416	298	288	35	730	1
Nov'34	7,005	124	240	296	56	462	0
Nov'36	4,395	53	66	27	43	96	0
Nov'38	12,778	114	106	55	91	299	0
Nov'42	19,322	4	38	48	22	221	0
Nov'47	15,288	80	89	81	55	109	0
Jul'53	13,539	0	17	13	156	626	0
Total	254,185	3,789	3,749	2,786	1,955		

Source: Banxico, Banorte



Fixed-Income Technicals

Spread between Cetes and Implied Forward Rates

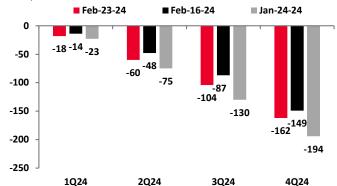
Basis points

Tenor	Actual Feb/23/2024	Weekly change	Δ last 4 weeks	6m average	6m Max	6m Min
1 month	61	60	62	72	243	-31
3 months	38	34	14	21	118	-29
6 months	30	25	14	5	54	-42
12 months	26	-1	13	-4	34	-51

Source: PiP, Bloomberg, Banorte

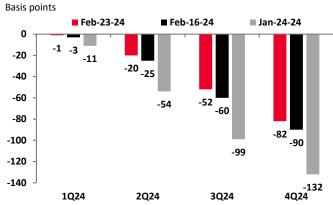
Cumulative implied moves in Banxico's repo rate

Basis points



Source: Bloomberg, Banorte

Cumulative implied moves in Fed funds



Source: Bloomberg, Banorte

Spreads between Mbonos and UST

Basis ponts

Spread	Actual	Weekly change	Δ last 4 weeks	YTD	12m Max	12m Min	12m Average
2 year	525	-20	-22	-25	672	497	569
5 year	500	-9	-20	-22	597	489	536
10 year	493	-5	-26	-12	563	481	517
20 year	488	5	-4	0	548	464	499
30 year	503	6	-2	-1	562	477	514

Source: Bloomberg, PiP, Banorte

Source: PiP, Banorte

10-year Mbono and 10-year UST spread

Basis points 720 670 620 520 470 420 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24

Mexico and US 2- and 10-year bonds correlation



Fixed-Income Technicals (continued)

Selected spreads

Basis points

asis points							
Security	Spread	Weekly change	Δ last 4 weeks	YTD	12m Max	12m Min	12m Average
Mbonos							
2/5	-66	8	-8	3	-31	-134	-87
2/10	-76	7	-28	6	-40	-197	-116
2/30	-54	15	-14	15	-25	-192	-106
5/10	-10	-1	-20	3	8	-78	-29
10/30	22	8	14	9	35	-15	10
TIIE IRS							
3m/2Y	-163	-5	3	13	-60	-203	-148
2/5	-104	0	-4	10	-90	-155	-120
2/10	-110	1	-9	14	-97	-187	-133
2/30	-108	1	-8	17	-88	-178	-126
5/10	-6	0	-5	4	-1	-32	-13
10/30	2	0	1	3	17	-4	7
TIIE IRS – Mbonos							
2 year	-19	4	-12	-13	25	-57	-23
5 year	-57	-3	-7	-6	-32	-100	-61
10 year	-53	-2	7	-5	-26	-68	-49
20 year	-69	-11	-8	-12	-8	-75	-54
30 year	-73	-10	-6	-11	-4	-78	-53
TIIE IRS – SOFR							
2 year	519	-16	-34	-44	637	485	552
5 year	470	-11	-27	-34	544	432	496
10 year	477	-7	-19	-21	541	442	498
20 year	486	-6	-11	-16	571	467	509
30 year	502	-5	-6	-11	599	487	529

Source: Bloomberg, PiP, Banorte

Breakeven inflation using Mbonos & Udibonos

Implicit market inflation using Fisher Equation (%)

Date	Feb/23/2024	Previous week	Previous month	Previous year	12m Max	12m Min	12m Average
3Y	3.59	3.80 (-21bps)	3.76 (-17bps)	5.62 (-203bps)	5.63	3.57	4.24
5Y	4.24	4.46 (-22bps)	4.40 (-16bps)	5.02 (-78bps)	5.19	4.22	4.49
10Y	4.19	4.32 (-13bps)	4.46 (-27bps)	4.54 (-35bps)	4.85	4.04	4.34
20Y	4.52	4.57 (-5bps)	4.65 (-13bps)	4.67 (-15bps)	5.08	4.15	4.56
30Y	4.60	4.64 (-4bps)	4.69 (-9bps)	4.69 (-9bps)	5.01	4.15	4.56

Source: PiP, Banorte

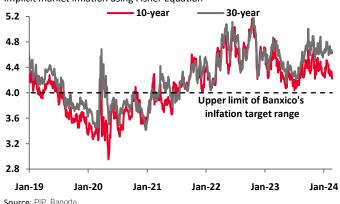
3- and 5-year breakeven inflation using Mbonos & Udibonos

Implicit market inflation using Fisher Equation



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

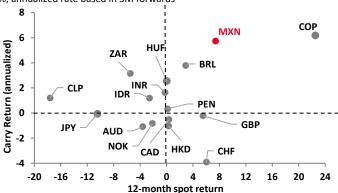
		Close at Feb/23/2024	Daily Change (%) ¹	Weekly change (%) ¹	Monthly change (%) ¹	YTD¹ (%)
Emerging	Markets					
Brazil	USD/BRL	4.99	-0.6	-0.6	-1.2	-2.7
Chile	USD/CLP	980.18	-0.1	-0.8	-7.1	-10.3
Colombia	USD/COP	3,964.07	-0.9	-1.4	-1.2	-2.8
Peru	USD/PEN	3.80	-0.2	0.6	-0.9	-2.4
Hungary	USD/HUF	359.49	-0.3	0.4	-1.0	-3.4
Malaysia	USD/MYR	4.78	0.0	0.0	-1.0	-3.8
Mexico	USD/MXN	17.12	-0.1	-0.4	0.6	-0.8
Poland	USD/PLN	3.98	0.4	1.2	1.1	-1.1
Russia	USD/RUB	94.87	-2.0	-2.6	-6.4	-5.7
South Africa	USD/ZAR	19.31	-0.8	-2.2	-2.2	-4.9
Developed	Markets					
Canada	USD/CAD	1.35	-0.2	-0.1	0.1	-1.9
Great Britain	GBP/USD	1.27	0.1	0.6	-0.4	-0.5
Japan	USD/JPY	150.51	0.0	-0.2	-2.0	-6.3
Eurozone	EUR/USD	1.0821	0.0	0.4	-0.6	-2.0
Norway	USD/NOK	10.53	-0.3	-0.3	-0.6	-3.4
Denmark	USD/DKK	6.89	0.0	0.4	-0.6	-2.0
Switzerland	USD/CHF	0.88	-0.1	0.0	-2.1	-4.5
New Zealand	NZD/USD	0.62	0.0	1.2	1.4	-1.9
Sweden	USD/SEK	10.33	0.0	1.1	1.0	-2.5
Australia	AUD/USD	0.66	0.1	0.5	-0.2	-3.7

Source: Bloomberg, Banorte

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

Performance of selected currencies

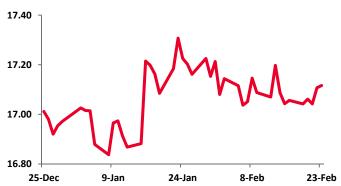
%, annualized rate based in 3M forwards



Source: Bloomberg, Banorte

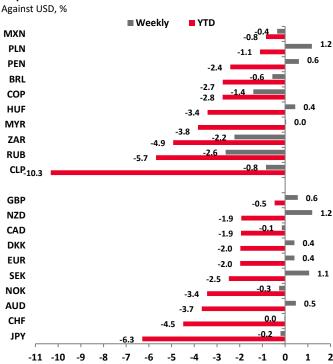
USD/MXN

Last 60 days

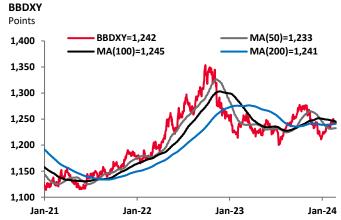


Source: Bloomberg, Banorte

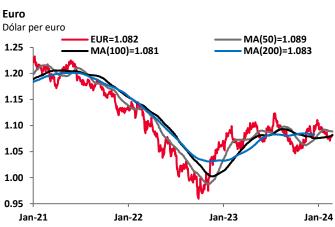
FX performance



Source: Bloomberg, Banorte



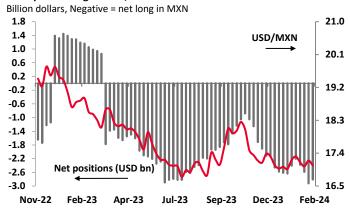
Source: Bloomberg, Banorte





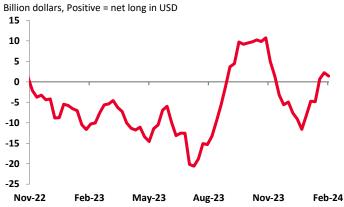
FX positioning and flows

IMM positioning in USD/MXN futures



Source: CME, Banorte

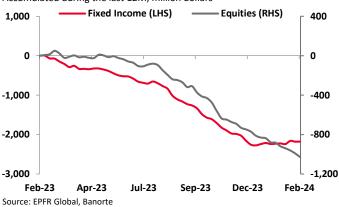
IMM positioning in USD futures*



*Respect to EUR, AUD, GBP, NZD, MXN, CAD, JPY, and CHF Source: CME, Banorte

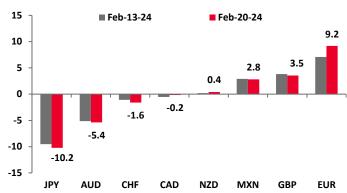
Foreign portfolio flows into Mexico (excluding ETF's investments)

Accumulated during the last 12M, million dollars



IMM positioning by currency*

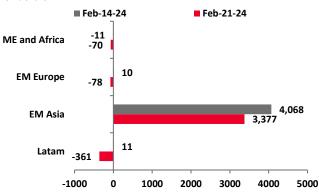




* Positive: Net long in the corresponding currency Source: CME, Banorte

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

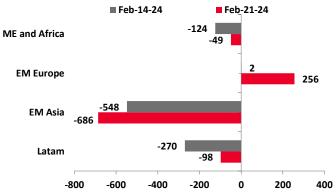
Billion dollars



Source: EPFR Global, Banorte

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

Weekly, million dollars

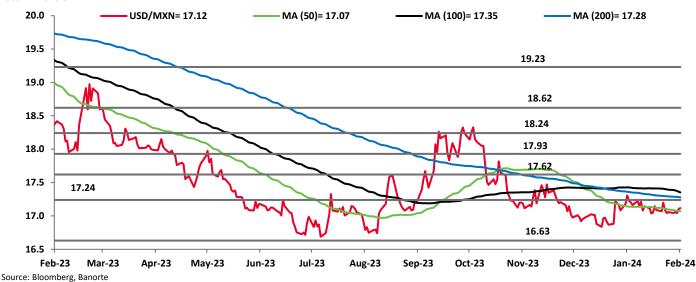


Source: EPFR Global, Banorte

FX technicals

USD/MXN - Moving averages and Fibonacci retracement

Last 12 months



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

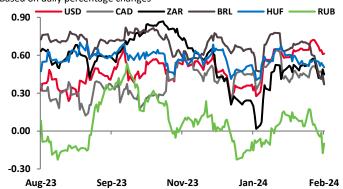
Based on daily percentages changes

	Actual (%)	Previous week	6m Min	6m Max	6m Average
EUR	61	67	24	72	50
CAD	37	47	12	64	40
ZAR	45	42	2	87	55
BRL	37	45	37	82	68
HUF	50	55	40	70	57
RUB	-10	-3	-23	53	9
VIX	36	38	14	74	44
SPX	30	41	25	68	43
GSCI	1	-9	-27	22	0
Oro	43	40	-28	53	28

^{*} Positive: appreciation of MXN and corresponding asset except VIX Source: Bloomberg, Banorte

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

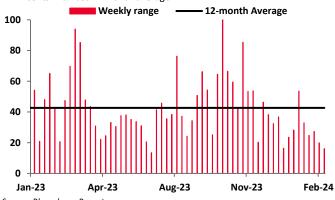
Based on daily percentage changes



^{*} Positive: appreciation of MXN and corresponding currency Source: Bloomberg, Banorte

USD/MXN – Weekly trading range

MXN cents with last 12 month average



Source: Bloomberg, Banorte

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

Based on daily percentage changes

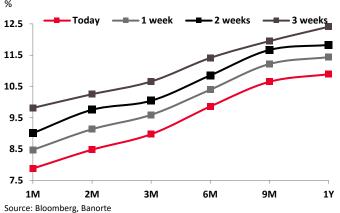


^{*} Positive: appreciation of MXN and corresponding asset except VIX Source: Bloomberg, Banorte



FX technicals (continued)

USD/MXN - ATM options volatility curve Today 12.5



USD/MXN - Spread between implicit and historical volatility



Source: Bloomberg, Banorte



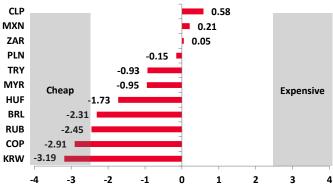
USD/MXN - 1M implied and historical volatility



Source: Bloomberg, Banorte

Emerging markets one-month ATM options volatility

Against USD, in standard deviations relative to last year's average



Source: Bloomberg, Banorte

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

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



Weekly economic calendar

For the week ending March 1st, 2024

	Time		Event	Period	Unit	Banorte	Survey	Previou
Mon 26	10:00	US	New home sales**	Jan	thousands		680	664
	04:00	EC	Monetary aggregates (M3)*	Jan	% y/y		0.3	0.1
	07:00	MX	Trade balance	Jan	US\$bn	-3,016.8	-2,250.0	4,242.4
	07:00	BZ	Consumer prices	Feb	% m/m		0.82	0.31
	07:00	BZ	Consumer prices	Feb	% y/y		4.53	4.47
7	08:30	US	Durable goods orders*	Jan (P)	% m/m		-5.0	0.0
/7 an I	08:30	US	Ex transportation*	Jan (P)	% m/m		0.2	0.5
	09:00	US	S&P/CoreLogic housing prices	Dec	% y/y		6.0	5.4
	10:00	US	Consumer confidence*	Feb	index	113.0	115.0	114.8
	10:00	MX	International reserves	Feb 23	US\$bn			213.1
	11:30	MX	Government weekly auction: 1-, 3-, 6-, and 24-month Cetes, 3-year I	Иbono (Sep'26), 2	0-year Udibono (Nov'43) and 1-	-, 3-, and 7-year	Bondes F
	05:00	EC	Consumer confidence*	Feb (F)	index			-15.5
	05:00	EC	Economic confidence*	Feb	index		96.5	96.2
	08:30	US	Gross domestic product**	4Q23	% q/q	3.3	3.3	3.3
	08:30	US	Personal consumption**	4Q23	% q/q	2.7	2.7	2.8
2	08:30	US	Trade balance*	Jan	US\$bn		-88.1	-87.9
	12:00	US	Fed's Bostic Participates in Fireside Chat					
	12:15	US	Fed's Collins Gives Remarks, Fireside Chat					
	12:45	US	Fed's Williams Delivers Keynote Remarks					
	13:30	MX	Bannxico's Quarterly Report					
	07:00	MX	Unemployment rate	Jan	%	2.83		2.61
	07:00	BZ	Unemployment rate	Jan	%		7.8	7.4
	08:00	GE	Consumer prices	Feb (P)	% y/y		2.6	2.9
	08:30	US	Personal income*	Jan	% m/m		0.3	0.3
	08:30	US	Personal spending*	Jan	% m/m		0.2	0.7
	08:30	US	Real personal spending*	Jan	% m/m	0.0	-0.1	0.7
	08:30	US	PCE Deflator*	Jan	% m/m	0.3	0.3	0.3
	08:30		Core*		· ·	0.3	0.3	0.2
		US		Jan	% m/m			
)	08:30	US	PCE Deflator	Jan	% y/y	2.3	2.4	2.6
7	08:30	US	Core	Jan	% y/y	2.7	2.8	2.9
	08:30	US	Initial jobless claims*	Feb 24	thousands	215	210	201
	10:00	MX	Banking credit	Jan	% y/y	5.0		5.6
	10:50	US	Fed's Bostic Participates in Fireside Chat					
	11:00	US	Fed's Goolsbee Gives Remarks on Monetary Policy					
	13:15	US	Fed's Mester Speaks on Financial Stability and Regulation					
	20:10	US	Fed's Williams Participates in Moderated Discussion					
	20:30	CH	Manufacturing PMI*	Feb	index		49.1	49.2
	20:30	CH	Non-manufacturing PMI*	Feb	index		50.8	50.7
	20:30	CH	Composite PMI*	Feb	index			50.9
	20:45	CH	PMI manufacturero (Caixin)*	Feb	index		50.7	50.8
	03:55	GE	Manufacturing PMI*	Feb (F)	index		42.3	42.3
	04:00	EC	Manufacturing PMI*	Feb (F)	index		46.1	46.1
	04:30	UK	Manufacturing PMI*	Feb (F)	index		47.1	47.1
	05:00	EC	Consumer prices	Feb (P)	% y/y		2.5	2.8
	05:00	EC	Core	Feb (P)	% y/y		2.9	3.3
	05:00	EC	Unemployment rate*	Jan	%		6.4	6.4
	07:00	BZ	Gross domestic product	4Q23	% y/y		2.2	2.0
	07:00	BZ	Gross domestic product*	4Q23	% q/q		0.1	0.1
	08:00	BZ	Manufacturing PMI*	Feb	index			52.8
	09:45	US	Manufacturing PMI*	Feb (F)	index	51.5		51.5
	10:00	MX	Family remittances	Jan	US\$bn	4,621.4		5,489
	10:00	MX	Survey of expectations (Banxico)					
	10:00	US	ISM manufacturing*	Feb	index	49.3	49.5	49.1
	10:00	US	U. of Michigan confidence*	Feb (F)	index	79.2	79.6	79.6
	12:15	US	Fed's Bostic Speaks on Economic Outlook, Real Estate	, ,				
	13:00	MX	PMI manufacturing (IMEF)*	Feb	index	51.1		51.6
	13:00	MX	PMI non-manufacturing (IMEF)*	Feb	index	51.8		52.0
	13:30	US	Fed's Daly Participates in Panel Discussion w/ Fed's Schmid					
	16:30	MX	Public finances (PSBR, year-to-date)	Jan	MXNbn			-1,363.
			Total vehicle sales**	Feb	millions		15.4	15.0

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
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	Р	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	Р	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	Р	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	Р	Jan-31-20	Feb-12-20
Long positions in Udibono Jun'22	Р	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	Р	Aug-16-19	Sep-24-19
Long positions in the short-end of Mbonos curve	Р	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	Р	Jun-10-19	Jun-14-19
Long positions in Mbonos Jun'22 & Dec'23	Р	Jan-9-19	Feb-12-19
Long floating-rate Bondes D	Р	Oct-31-18	Jan-3-19
Long CPI-linkded Udibono Jun'22	L	Aug-7-18	Oct-31-18
Long floating-rate Bondes D	Р	Apr-30-18	Aug-3-18
Long 20- to 30-year Mbonos	Р	Jun-25-18	Jul-9-18
Short Mbonos	Р	Jun-11-18	Jun-25-18
Long CPI-linkded Udibono Jun'19	Р	May-7-18	May-14-18
Long 7- to 10-year Mbonos	L	Mar-26-18	Apr-23-18
Long CPI-linkded Udibono Jun'19	Р	Mar-20-18	Mar-26-18
Long 5- to 10-year Mbonos	Р	Mar-5-18	Mar-20-18
Long floating-rate Bondes D	Р	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
Long USD/MXN	Р	19.30	19.50	Oct-11-19	Nov-20-19
Long USD/MXN	Р	18.89	19.35	Mar-20-19	Mar-27-19
Long USD/MXN	Р	18.99	19.28	Jan-15-19	Feb-11-19
Long USD/MXN	Р	18.70	19.63	Oct-16-18	Jan-3-19
Short USD/MXN	Р	20.00	18.85	Jul-2-18	Jul-24-18
Long USD/MXN	Р	19.55	19.95	May-28-18	Jun-4-18
Long USD/MXN	Р	18.70	19.40	Apr-23-18	May-14-18
Long USD/MXN	Р	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	Р	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	Р	14.40	14.85	Dec-15-14	Jan-5-15
Long USD/MXN	Р	13.62	14.11	Nov-21-14	Dec-3-14
Short EUR/MXN	Р	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^2	Feb-15-17	Mar-15-17
5y10y TIIE-IRS steepener	35bps	50bps	25bps	47bps	Р	Oct-5-16	Oct-19-16
Long Mbono Jun'21	5.60%	5.35%	5.80%	5.43%	Р	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%	$3.87\%^{1}$	Р	Nov-12-15	Feb-8-16
Long spread 10-year TIIE-IRS vs US Libor	436bps	410bps	456bps	410bps	Р	Sep-30-15	Oct-23-15
Receive 9-month TIIE-IRS (9x1)	3.85%	3.65%	4.00%	3.65%	Р	Sep-3-15	Sep-18-15
Spread TIIE 2/10 yrs (flattening)	230bps	200bps	250bps	200bps	Р	Jun-26-15	Jul-29-15
Long Mbono Dec'24	6.12%	5.89%	6.27%	5.83%	Р	Mar-13-15	Mar-19-15
Relative-value trade, long 10-year Mbono	(Dec'24) / f	flattening o	of the curve		Р	Dec-22-14	Feb-6-15
Pay 3-month TIIE-IRS (3x1)	3.24%	3.32%	3.20%	3.30%	Р	Jan-29-15	Jan-29-15
Pay 9-month TIIE-IRS (9x1)	3.28%	3.38%	3.20%	3.38%	Р	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				Р	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%	Р	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%	Р	Jun-7-13	Nov-21-13
Receive 6-month TIIE-IRS (6x1)	3.83%	3.65%	4.00%	3.81%	Р	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%	Р	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%	Р	Mar-15-13	May-3-13
Receive 1-year TIIE-IRS (13x1)	4.60%	4.45%	4.70%	4.45%	Р	Feb-1-13	Mar-7-13
Long Mbono Nov'42	6.22%	5.97%	6.40%	5.89%	Р	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%	Р	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	Р	Sep-21-13	Mar-8-13
Long Udibono Dec'12	+0.97%	-1.50%	+1.20%	-6.50%	Р	May-1-12	Nov-27-12
Long Udibono Dec'13	+1.06%	0.90%	+1.35%	0.90%	Р	May-1-12	Dec-14-12

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	Р	Mar-20-15	Apr-20-15
Short EUR/MXN	17.70	n.a.	n.a.	16.90	Р	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	Р	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	Р	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



Carry + roll-down gains of 17bps
 Closed below target and before the proposed horizon date due to changes in market conditions that have differed from our expectations.

^{*} 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, José Itzamna Espitia Hernández, Leslie Thalía Orozco Vélez, Hugo Armando Gómez Solís, Carlos Hernández García, Yazmín Selene Pérez Enríquez, Cintia Gisela Nava Roa, Miguel Alejandro Calvo Domínguez, José De Jesús Ramírez Martínez, Daniel Sebastián Sosa Aguilar, Gerardo Daniel Valle Trujillo, Luis Leopoldo López Salinas, Isaías Rodríguez Sobrino, Juan Carlos Mercado Garduño, 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.

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	Reference
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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.

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