Global Markets Monitor

FRIDAY, MARCH 24, 2023

- US Money Market Funds continue to see a large inflow (link)
- Lower rated creditors hit hard by recent banking turmoil (link)
- European banking stocks post steep losses amid financial sector concerns (link)
- Japanese inflation decelerated sharply in February (link)
- Hong Kong SAR eased listing rules for specialist technology firms (link)
- Mexican bonds most sensitive to US market volatility among Latam peers (link)

Mature Markets | Emerging Markets | Market Tables

Demand for Dollar Liquidity Surges as Policy Expectations Ease

In the US, large tech shares drove yesterday's +0.3% gain in the S&P 500 while bank stocks lagged. Stocks recovered after Treasury Secretary Yellen nuanced the message about further bank deposit protection. As markets scaled back Fed rate hike expectations and increased odds for rate cuts, US Treasuries saw another front-end led rally and the curve bull steepening while corporate credit spreads have widened. The weekly changes of the Fed's balance sheet showed a changing mix in the usage of the discount window and BTFP and loans to the bridge banks to resolve SVB and Signature Bank continued to rise. Drawings for dollar liquidity in the FIMA repo facility rose to \$60 bn, indicating increasing dollar liquidity needs of foreign central banks, while drawings from the Fed's standing dollar swap line only saw a slight increase. February inflation data in Asia indicates a seeming decline of Japan's headline inflation, which is prompted by a one-time fading effect of energy subsidies, while core inflation remains elevated, surprising on the upside, akin to inflation in Malaysia. In the Eurozone, preliminary March PMIs also surprise on the upside, driven by the services sector, and in the UK, retail sales have also beaten expectations, albeit March PMI data falls slightly short of what was expected. Despite hawkish ECB commentary, EGB and Gilt markets scale back their pricing of further rate hikes in Tandem with Treasury Markets. In Hong Kong, the Beijing-based Sunac China Holdings Ltd. real estate firm predicted a preliminary net loss of up to \$4.1 bn in 2022.

Key Global Financial Indicators

Last updated:	С	hange from		Since				
3/24/23 8:29 AM	Last 12m	Latest	1 Day	7 Days	30 Days	12 M	YTD	23-Feb-22
Equities					%		%	
S&P 500	Management .	3949	0.3	0	-1	-13	3	-7
Eurostoxx 50	and the same	4109	-2.3	1	-2	6	8	3
Nikkei 225	warman war	27385	-0.1	1	0	-3	5	4
MSCI EM	manne	39	1.4	2	1	-15	2	-18
Yields and Spreads				b	ps			
US 10y Yield		3.31	-11.9	-12	-64	93	-57	131
Germany 10y Yield		2.05	-14.3	-6	-49	152	-52	182
EMBIG Sovereign Spread		500	-4	6	52	33	48	88
FX / Commodities / Volatility					%			
EM FX vs. USD, (+) = appreciation	and many	50.0	-0.7	1	0	-4	0	-6
Dollar index, (+) = \$ appreciation		103.3	0.7	0	-2	5	0	7
Brent Crude Oil (\$/barrel)	manny	73.4	-3.3	1	-12	-38	-15	-24
VIX Index (%, change in pp)	mannense	24.8	2.2	-1	3	3	3	-6

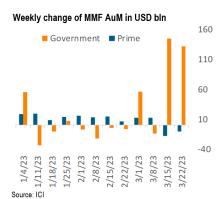
Colors denote tightening/easing financial conditions for observations greater than ±1.5 standard deviations. Data source: Bloomberg.

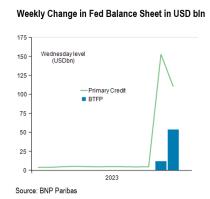
Mature Markets

back to top

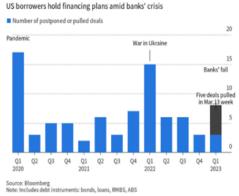
United States

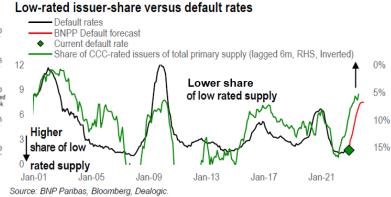
Money Market Funds saw significant inflow for the second consecutive week In the week through March 22, the assets under management (AuM) of Government money market funds (MMFs) further increased by \$131 bn to \$4.2 tn, whereas those of prime MMFs declined by \$10 bn to \$0.7 tn (right chart below). As a consequence, cash held in the Fed's overnight Reverse Repurchase Agreement (RRP) facility—a vehicle through which MMFs can invest their cash—increased by \$223 bn to \$2.2 tn during the same period due to a shortage of short-term supply caused by ongoing Treasury bill paydown and normalization of issuances by the Federal Home Loan Banks. During the same period, the latest weekly update on the Fed's balance sheet shows that bank's usage of emergency lending programs remained steady from the prior week, though with a notable shift in the mix. Lending amounts in the Fed's discount window fell by \$42 bn to \$110 bn, while the liquidity drawn in the Bank Term Funding Program (BTFP) increased by \$40 bn to \$53 bn. Notably, the loan to bridge banks to resolve SVB and Signature Bank further rose to \$179 bn from \$143 bn the previous week.



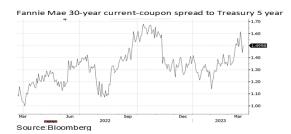


Banking turmoil is set to accelerate credit tightening, hitting lower-rated issuers harder. The corporate bond spreads of sub-investment grade-rated issuers in the high yield (HY) segment have widened nearly 100 bps in recent weeks, prompting leveraged loans to underperform. The issuance of HY bonds and leveraged loans was already starting slow this year and the bank turmoil inrecent weeks has exacerbated this trend. This week, HY issuers have refrained from tapping primary markets, while IG corporates returned to the market. According to Bloomberg, the issuance of leveraged loans was quiet this week as bank underwriters pulled sales and pushed future ones for weeks before a new deal broke a sales deadlock on Thursday (left chart below). Some analysts assert that the issuance in leveraged loan markets is expected to remain light until banks start reporting Q1 earnings in mid-April. Others warn that a declining share of bond issuances from lower rated issuers such as those with a CCC credit rating is accompanied by an increase of the default rate (right chart below).





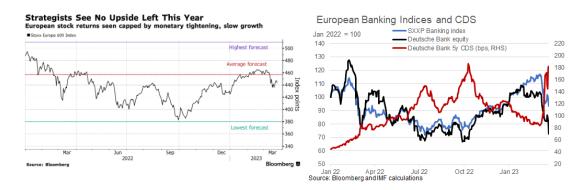
The market uncertainty prompted Agency MBS to underperform in recent weeks. The market faces not only near-term uncertainty about the liquidation of SVB's portfolio, but also medium-term uncertainty surrounding potential sales from other regional banks experiencing deposit outflows. Amidst this backdrop, some analysts observe that US banks' activity in the Agency MBS markets has declined, with recent trading being dominated by money managers and hedge funds. Others highlight two potential issues that could trigger a structural shift in the demand from smaller banks to invest into Agency MBS, which currently hold nearly \$700 bn of agency MBS in their AFS portfolios (right chart below). Analysts ponder that smaller banks are poised to make changes in two key areas of their asset and liability management, that could potentially curb their appetite for agency MBS as an own funds investment. Firstly, a more conservative stance on risk parameters, such as deposit bases, could initially further drive up balance sheet duration gaps. Secondly, the SVB episode has heightened the emphasis on minimizing the duration mismatch between assets and liabilities, leading to a declined demand for longer duration investments such as agency MBS.



		AFS		HTM					
		Agency	Agency		Agency	Agency			
		MBS	MBS		MBS	MBS			
Assets (\$bn)	Treasury	(PTs)	(CMO)	Treasury	(PTs)	(CMO			
>400	536.4	312.5	91.4	534.6	1,091.2	43.6			
100-400	184.1	203.0	121.3	29.5	233.6	124.9			
<100	143.2	244.6	124.5	24.2	78.8	34.3			
Total	863.6	760.1	337.1	588.2	1,403.7	202.8			

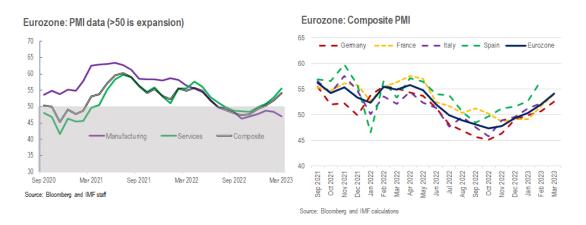
Euro Area

Banking sector instability caused a sharp contraction in banking stocks, leading to a decline in European equities. Banking stocks were declining by -4.9% to prompt the Stoxx 600 to decline by -1.2%. Deutsche Bank equities were underperforming -11.3% with prices now roughly down -24% year to date. The 5y credit default swaps spreads of Deutsche Bank increased to 186 bps this morning from 150 bps at the start of the week. Amid financial sector turmoil, equity strategists have lowered their forecasts for the Stoxx Europe 600 index. According to a Bloomberg survey, on average, the index is expected to close the year around 2% higher than Wednesday's level. The euro weakened against the dollar by -0.9%.



Despite robust PMI data and hawkish ECB commentary sovereign yields continued to decline. Yields on bunds decline by -17 bps at the 10y maturity point and by -25 bps at the 2y point as investors scale back on ECB hiking expectations. Eurozone preliminary composite PMI data for March surprised on the upside, increasing to 54.1 (vs. 52 expected), mainly boosted by services PMI that stood at 55.6 (vs. 52.5 expected) while manufacturing PMI edged lower to 47.1 (versus 49.0 expected). Bloomberg analysts argue that March composite euro area PMI data indicates that the economy is starting to emerge from a stagnation period and is performing well despite higher interest rates. As such, assuming that financial stability is maintained, they expect additional 25 bps hikes in both May and June to take the deposit rate to 3.5%. In

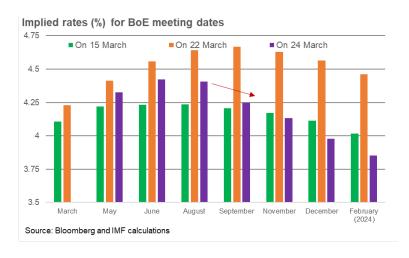
the meantime ECB general council member Nagel also spoke in support of further rate hikes and that higher rates should not be cut prematurely. Market pricing is currently indicating a 16bps tightening for the May ECB meeting (compared to 22 bps yesterday) with the terminal rate seen at around 3.3% (compared to around 3.5% yesterday).



United Kingdom

The Bank of England hiked rates by 25 bps yesterday to take the bank rate to 4.25%. The decision was in line with consensus expectations, and indicated that more persistent inflation pressures would require further tightening. The hike followed after the upside surprise of February inflation, with headline inflation increasing to 10.4%y/y (from 10.1%) and core inflation increasing to 6.2%y/y (from 5.8%). The meeting minutes highlight that weaker than expected wages and services inflation progress in line with expectations, with slightly more hiring than anticipated. The BoE also noted that the FPC judged the UK banking system to be resilient, while credit conditions would be continued to be monitored closely. As the interest rate hike had been close to fully priced in, the market reaction to the BoE's decision was muted.

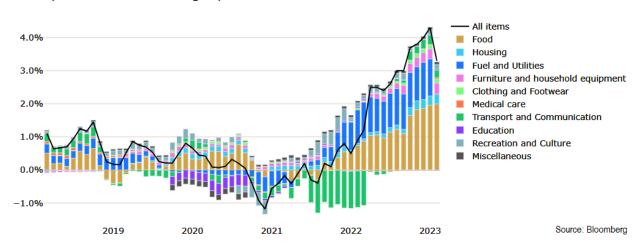
Analyst expectations for further Bank of England rate hikes differ as markets scale back pricing. Some analysts see no further rate hikes while others see a trajectory towards a terminal rate of 4.75%. On the data front, this morning's preliminary March PMI data came in marginally weaker than expected. The composite PMI edged lower to 52.2 (versus 52.7 expected) from 53.1 while February retail sales surprised on the upside 1.2% y/y (versus 0.2% expected) from a revised 0.9%. Some analysts argue that the PMI survey and other recent activity data continue to suggest that the UK economy is growing at a 1–2% pace. Markets have scaled back hiking expectations are now pricing in the terminal rate at around 4.4%, with roughly 8bps of tightening priced in for the next BoE meeting in May.



Japan

Yields fell and the yen strengthened as equities remained largely unchanged. JGB yields declined by -1.5 bps at the 10y maturity point, while the yen appreciated +0.8% against the dollar and Equities slightly fell by -0.1%.

Headline inflation slowed down due to a one-time fading effect in energy subsidies, while core inflation slightly exceeded expectations. February headline inflation y/y declined by 1 percentage point to 3.3% (vs. 3.3% expected). Bloomberg estimates that the headline CPI would have been at 4.4% if not for a 20% discount on household electricity rates included in the government's stimulus package announced last year, which began impacting the data in February. This led to a one-time decrease in fuel and utilities topline contributors, causing the overall decline (see chart below). By contrast, y/y core inflation increased from January to February by 30 bps to 3.5% (vs. 3.4% expected).



Japan CPI YoY% Including Topline Contributions

Emerging Markets

back to top

Asian stocks and currency markets exhibited mixed results, with yields broadly declining amid new inflation data. Hong Kong SAR's consumer price inflation softened to +1.7%y/y in February (previous: +2.4%). In Malaysia, both headline and core inflation remained unchanged at 3.7% and 3.9% y/y, respectively. Among local equity markets, Indonesia and Philippines outperformed +1% while Hong Kong SAR declined by -0.9%. Within currencies, the Indonesian rupiah strengthened +1% and the South Korean won weakened -1.2%. Vietnam's 10-year yields declined by 12 bps, followed by Indonesia's, which decreased by 9 bps, illustrating the broad decline in 10-year yields.

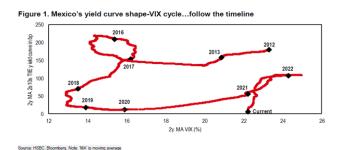
Latin American equity markets posted mixed results whereas currencies were fairly stable. The President of Brazil continued to call for rate cuts by the central bank to boost the economy.

EMEA currencies came under pressure. The shekel faces downward pressure amidst political uncertainty in Israel, while analysts also caution that the Bank of Israel may further increase policy rates by 50 bps at its upcoming meeting on April 3 in response to an unexpected inflation surge earlier this week.

Latin American bond markets

Among the countries of Latin America, Mexico's bond market shows the highest responsiveness to volatility in the US market. Tracking the steepness of Mexico's TIIE swap curve versus the VIX on a two-year moving average basis, analysts at HSBC find that 2016 saw a very steep yield curve in an environment of moderate volatility, while 2021 saw a flat yield curve amidst higher volatility. This year

continued high volatility was associated with a nearly flat yield curve. Brazil's DI swap curve is less responsive to the VIX, as domestic factors play the dominant role in moving markets. Swap curves of other countries in the region also display less sensitivity to the VIX. Owing to its geographical location and unique trade relationship, Mexico is much closer linked to conditions in the US than the other Latin American countries.

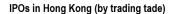


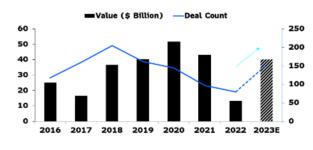


China / Hong Kong SAR

Hong Kong SAR eased listing rules for firms in near 20 sectors considered "specialist technology". The minimum market capitalization required to list on the Hong Kong Main Board in the new rules will be HK\$6 bn as compared HK\$8 bn in an original proposal. The new regime will be in effect from March 31.

Some analysts thought the eased rules for niche technology firms could help revive Hong Kong's initial public offering market, which slumped 68% in 2022 (see chart below).





Source: Bloomberg Inteligence

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Global Financial Indicators

	Leve	el	Change				
3/24/23 8:35 AM	Last 12m	Latest	1 Day	7 Days	30 Days	12 M	YTD
Equities					%		%
United States	www.	3942	0.3	1	-1	-13	3
Europe	many many	4109	-2.3	1	-2	6	8
Japan	May May May	27385	-0.1	1	0	-3	5
China	man	4027	-0.3	2	0	-4	4
Asia Ex Japan		67	1.7	3	2	-12	3
Emerging Markets	man	39	1.4	2	1	-15	2
Interest Rates					points		
US 10y Yield		3.31	-11.9	-12	-64	93	-57
Germany 10y Yield		2.05	-14.3	-6	-49	152	-52
Japan 10y Yield	** 'V	0.32	-0.7	3	-19	9	-11
UK 10y Yield		3.18	-18.2	-11	-48	153	-50
Credit Spreads					points		
US Investment Grade		179	5.7	-3	34	36	20
US High Yield		556	23.3	16	110	164	76
Europe IG		99	4.5	-1 42	18 87	19	9
Europe HY Exchange Rates	~~~~~	506	18.6	13	%	134	32
USD/Majors	· · · · · · · · · · · · · · · · · · ·	103.28	0.7	0	-2	5	0
EUR/USD		1.07	-0.9	1	- <u>-</u> 2	-2	0
USD/JPY		130.0	-0.9	-1	-5	6	-1
EM/USD	man annu	50.0	-0.7	1	0	-4	0
Commodities		00.0	V.1		%	•	,
Brent Crude Oil (\$/barrel)	man	73.4	-3.3	1	-11	-21	-14
Industrials Metals (index)	My an arran	158	0.2	2	0	-28	-5
Agriculture (index)	wh .m.	65	0.4	-3	-6	-13	-5
Implied Volatility	Mary and a	00	0.1		%	10	Ü
VIX Index (%, change in pp)	Maryan	24.8	2.2	-0.7	3.1	3.1	3.1
US 10y Swaption Volatility	my or your many or	134.6	0.0	0.0	13.0	29.6	7.0
Global FX Volatility	mommon	10.6	0.0	-0.3	0.4	1.5	-0.1
EA Sovereign Spreads			10-Ye	ar spread	vs. Germany	(bps)	
Greece	Marman	202	6.4	-3	17	-26	-4
Italy	manne	192	4.7	-3	2	40	-23
Portugal	men	90	2.6	-3	2	14	-12
Spain	mer a	107	2.2	-5	10	19	-2
Оран	W. W.	107	۷.۷	-5	10	18	I

Colors denote tightening/easing financial conditions for observations greater than ±1.5 standard deviations. Data source: Bloomberg.

Emerging Market Financial Indicators

Last updated:	Exchange Rates							Local Currency Bond Yields (GBI EM)								
3/24/2023	Leve			Change				Leve		Change (in basis points)						
8:37 AM	Last 12m	Latest	1 Day	7 Days	30 Davs	12 M	YTD	Last 12m	Latest	1 Day	7 Days	30 Days	12 M	YTD		
		vs. USD	(+	-) = EM ap	preciation	on			% p.a.							
China	what we will be a second	6.87	-0.7	0.2	1	-7	0		3.1	-6.3	-6	-15	21	2		
Indonesia	-A	15155	1.3	1.3	0	-5	3	Marylinger	6.8	-9.4	-10	0	11	-13		
India	and a second	82	-0.3	0.1	0	-7	0	Mummuna	7.3	-11.8	-16	-35	4.4	-10		
Philippines	my whi	54	-0.1	0.7	1	-4	3	سب مر کا کرر	6.0	0.0	-3	0	78	-5		
Thailand	market and a	34	-0.2	0.2	2	-2	1	Mumun	2.4	1.0	-5	-28	2	-23		
Malaysia	~~~~	4.43	-0.3	1.3	0	-5	-1	May May m	3.9	-2.0	-6	-4	7	-17		
Argentina		206	-0.2	-1.4	-5	-46	-14		91.6	-16.3	99	345	4224	337		
Brazil	My Mundalandan	5.33	-0.6	-1.0	-3	-10	-1	you have have	13.2	-8.9	-10	-37	130	60		
Chile	www	811	-0.6	2.2	2	-3	5	marken	4.9	-10.5	-15	-68	-157	-45		
Colombia	and the state of t	4743	0.5	2.8	2	-20	2	monmany	8.8	0.0	-31	-125	38	-102		
Mexico	was an way of the second	18.74	-0.8	0.9	-2	7	4		8.3	-8.5	-24	-65	-13	-40		
Peru	my have many	3.8	0.0	0.5	1	0	1	murring	7.6	0.0		-36	99	-34		
Uruguay	momental	39	0.3	2.2	0	8	3	~~~~~	10.4	0.0	3	46	184	-33		
Hungary	amenda.	362	-2.1	3.1	0	-6	3	morphorom	8.0	-10.0	-43	-24	149	-163		
Poland	and the same of th	4.36	-1.0	1.0	3	-1	0	more	5.3	-6.3	0	-66	24	-88		
Romania	monther	4.6	-0.8	0.6	2	-2	1	June Marie	7.2	-8.0	-4	-25	131	-54		
Russia	mmm.	76.8	-1.0	0.3	-1	33	-3									
South Africa	and the same of th	18.2	-0.7	1.3	1	-20	-7	and the second	9.1	15.0	-3	-25	99	-8		
Turkey	-	19.07	-0.2	-0.3	-1	-22	-2	Ve -	12.2	0.0	75	167	-1599	233		
US (DXY; 5y UST) more	103	0.7	-0.5	-2	4	0	monday	3.28	-16.3	-22	-94	88	-73		

		Bond Spreads on USD Debt (EMBIG)											
	Level	Level		Chang	e (in %)			Level	Level		Change (in basis points)		
	Last 12m	Latest	1 Day	7 Days	30 Days	12 M	YTD	Last 12m	Latest	7 Days	30 Days	12 M	YTD
								basis poi	nts				
China	Surgenegation	4027	-0.3	2	0	-4	4	why have	190	12	23	-29	13
Indonesia	Trongray	6762	1.1	2	-1	-3	-1	water the second	164	8	14	-27	24
India	marked mark	57527	-0.7	-1	-3	0	-5	who have	175	0	24	13	33
Philippines	What was a second	6602	1.0	2	0	-7	1	brack by	139	5	16	-3	42
Thailand	who was	1592	-0.1	2	-2	-5	-5		0	0	0	0	0
Malaysia	and almost	1400	-0.8	-1	-4	-13	-6	was many	106	2	8	-26	6
Argentina		219277	-2.5	-2	-12	143	9	and the same of th	2509	175	519	670	304
Brazil	J. mynny	97926	-2.3	-5	-7	-18	-11	war a market war and a second	288	4	27	-23	14
Chile	my out on the majority	5275	0.1	3	-1	6	0	JANA JAHAN	153	4	17	-10	21
Colombia	and morning	1097	-2.2	-2	-8	-31	-15	way Mary Manner	422	-16	22	63	50
Mexico	Manyour	52828	0.5	1	0	-5	9	Jan Markey Commerce	409	-3	52	52	28
Peru	man and a second	21391	-1.2	0	-1	-16	0	WANT WANT	197	6	15	15	17
Hungary	moment	42101	-1.8	3	-7	-4	-4	and the state of t	245	1	34	97	23
Poland	Jan Marie	55908	-1.8	-1	-5	-14	-3	may by hore	98	7	25	47	25
Romania	and man	12053	-0.4	-1	-2	-3	3	Jan	266	-3	27	48	11
South Africa	Markey Markey Mark	74210	-1.7	2	-4	0	2	Jank Jank Jank	413	-4	45	35	46
Turkey	and the same	5010	-1.1	-2	-1	130	-9	whom were	474	3	-29	-95	34
Ukraine		507	0.0	0	0	-2	-2	~M~~	4899	10	231	1485	820
EM total	money	39	-1.7	2	1	-15	2	Land Market	427	9	42	-131	52

Colors denote tightening/easing financial conditions for observations greater than ±1.5 standard deviations. Data source: Bloomberg.

back to top