# **Global Markets Monitor**

**WEDNESDAY, MARCH 4, 2020** 

- Leveraged loans struggle amid market turmoil, with prices and supply falling (link)
- NY Fed's overnight repo operations oversubscribed for first time since October (link)
- Markets expect fresh rounds of policy rate cutting by major central banks (link)
- Lower policy rates drive lower bank net interest margin and profitability (link)
- Pollution levels suggest a gradual resumption in industrial activities in China (link)
- Bank of Mexico expected to follow US lead in monetary easing (link)

<u>US</u> | <u>Europe</u> | <u>Other Mature</u> | <u>Emerging Markets</u> | <u>Market Tables</u>

## Anticipation of further stimulus sends markets higher

Even though the Federal Reserve's surprising 50bps cut yesterday failed to drive a sustained rally in yesterday, price action this morning indicates increased optimism among investors. The Fed's surprise action yesterday initially drove a 3% gain in US equity markets, but prices quickly reverted with the S&P 500 finishing 2.8% lower on the day. Nonetheless global equity markets are moving higher today as investors believe that further stimulus measures are on the way. The Bank of England is now widely expected to cut interest rates at its meeting later this month, with some believing it may act early. For the ECB, the market is now pricing in 9 bps of easing at its meeting next week, however most analysts seem to believe that the ECB is more likely to ease with other measures than by cutting its policy rate. The Bank of Canada is now expected to cut by 50 bps at its meeting today. Markets are also pricing another full cut by the Fed at the FOMC meeting on March 18th. Emerging market currencies are benefitting from the easing by major developed central banks and the corresponding dollar weakness.

## **Key Global Financial Indicators**

Last updated:	Leve	ı	Ch				
3/4/20 8:05 AM	Last 12m	Latest	1 Day	7 Days	30 Days	12 M	YTD
Equities				9	%		%
S&P 500		3003	-2.8	-4	-9	8	-7
Eurostoxx 50	monorman	3430	1.7	-4	-8	3	-8
Nikkei 225	Mary Mary	21100	0.1	-6	-9	-3	-11
MSCI EM	man man	41	0.8	-1	-6	-3	-8
Yields and Spreads							
US 10y Yield	mana	1.01	-16.4	-33	-59	-172	-91
Germany 10y Yield	and the same	-0.61	1.4	-11	-21	-77	-43
EMBIG Sovereign Spread	harmon Markers	363	-5	29	55	20	70
FX / Commodities / Volatility				9	%		
EM FX vs. USD, (+) = appreciation	A	58.8	0.4	0	-2	-7	-4
Dollar index, (+) = \$ appreciation	hamman	97.5	0.3	-2	-1	1	1
Brent Crude Oil (\$/barrel)	- www.	53.0	2.1	-1	-2	-19	-20
VIX Index (%, change in pp)	hamman	32.1	-4.7	5	16	18	18

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

### United States back to top

US markets were volatile after the Federal Reserve delivered the first emergency rate since 2008. The S&P 500 bounced almost 3% immediately following the announcement of a 50 bp cut Tuesday morning, after starting the day down about 1.5%. However, equities quickly gave back gains for a morning of choppy trading before losses accelerated heading into the afternoon. US equities ended Tuesday's session down 2.8%, while Treasuries rallied hard, with the 10-year yield dropping below 1.0% for the first time, before ending the day down 15 bps at 1.001%.

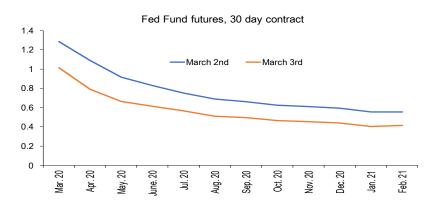
In its statement, the Federal Reserve noted that the "the fundamentals of the US economy remain strong. However, the coronavirus poses evolving risks to economic activity." Chairman Powell later noted in his press conference that the Fed is hearing concerns from the business sector (particularly hospitality) that haven't showed up in the data yet. Powell's comments suggested that risks to the outlook have changed materially since last week in their view, and they'd rather act sooner than later. Market reaction to the emergency cut and press conference was decidedly mixed. While some felt a 50 bp cut before the next meeting was the appropriate action given the shape of the yield curve, and the presence of both a supply and demand shock, others awoke to the possibility that the coronavirus outbreak may be worse than expected, which weighed on sentiment. Some commentators were disappointed with the lack of a directly coordinated global response, following on the heels of the vague G-7 statement earlier in the day which only affirmed that finance ministers are "ready to take action" and central banks "will continue to fulfill their mandate" without concrete action plans. Nevertheless, markets expect the Fed's actions to spur other central banks to act, while fiscal stimulus efforts trickle in only slowly. The Bank of Canada could be up next at its Wednesday morning meeting, with an increased likelihood of a 50 bp cut according to futures markets. By afternoon, markets were pricing in another 25 bp Fed rate cut at the March 18 FOMC meeting, and a cumulative 50 bp of easing through the June 10 FOMC meeting.

The New York Federal Reserve's overnight repo operations were oversubscribed on Tuesday morning for the first time since October. Contacts suggest fund providers had pulled out of overnight markets ahead of expected rate cuts from the Fed, to lock in higher term lending rates. The Fed accepted \$100 billion in overnights, out of \$109 billion in bids on Tuesday. The market has gradually been shifting to term repos in recent weeks, with most term offerings oversubscribed, including Tuesday where \$20 billion was accepted, out of nearly \$71billion in bids.

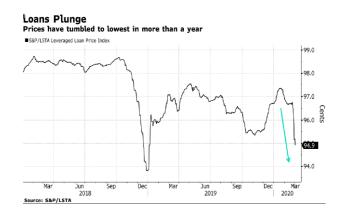
The Treasury yield curve had fallen sharply over the last week even before Tuesday's rate cut. Meanwhile, market pricing for the federal funds rate fell about 25 bps through June, and between 15-20 bps through February 2021 following the Fed's surprise move.

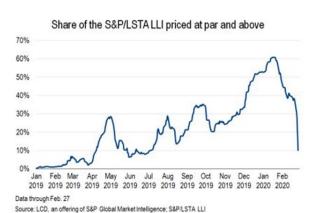


Note: Treasury curve; dark green is Tuesday afternoon, brown is Monday, light green is one week prior.



Leveraged loans struggle amid market turmoil, with prices and supply falling. Close to \$13 billion in new deals have been pulled off the market over the last 6 days, with prices falling to their lowest in over a year, as market uncertainty about the coronavirus weighs on funding conditions in certain market segments. Indeed, the share of the S&P Leveraged Loan index priced at par and above has plummeted below 10%, back to levels seen following the December 2018 market sell-off. The market powered ahead early in the year with a wave of refinancing deals but has struggled since. Conversely, after a virtual freeze since February 21, investment grade corporate issuers returned to the market on Tuesday, as companies sold nearly \$6 billion in bonds, including McDonalds, Sherwin-Williams, and Texas Instruments.

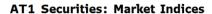


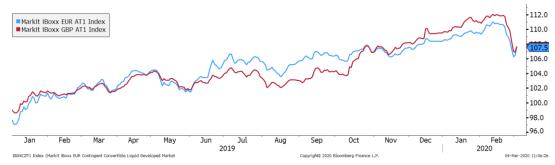


Lower policy rates drive bank NIM and medium-term profitability compression. Citi's U.S. bank analyst estimates, based on a proprietary asset-liability repricing model, that each 25 basis points parallel downward shift in banks' interest rate outlook drives an average 1.4% reduction in net interest income and a 2.1% decline in earnings over the first year. The authors suggest that a total 75bp reduction in rates, currently expected by the market, would result in a 5-6% cut in earnings over the next year and then drive further earnings compression on reinvestment at lower rates. They estimate that a 50bps downward shift in the 'normalized' curve would cause longer-term return on equity to fall about 200 basis points on average, which should hit bank valuations by about 10-15%. The BKX U.S. bank index is down about 17% since February 20.

## Europe back to top

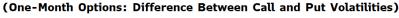
**European equity markets staged another rally today.** DAX (+1.4%), CAC 40 (+1.3%), EuroStoxx 600 (+1.3%). Bank stocks (0.5%) also gained but less than the broader indices. Year-to-date, bank equities are around 15% lower. Banks' AT1 bonds (bonds convertible into equity in times of distress) have also come under pressure as worries over an economic slowdown and prolonged ultra-low rates for longer hit banks' earnings prospects.

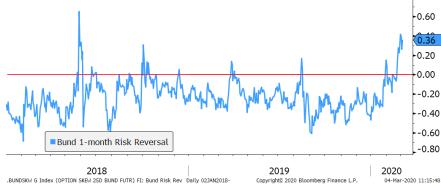




**Sovereign yields dropped somewhat across countries and tenors.** German 10-year yields at -0.62% (unch.); French OATs are at -0.32% (-1 bp); Italian at 0.91% (-8 bps); and Spanish at 0.15% (-4 bps). Bund risk-reversals show strong demand for call options at levels not seen since 2018, revealing a market-wide bearish view on the economic outlook.

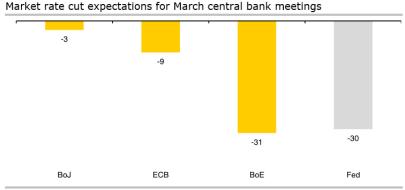
**German Bund Risk Reversals** 





Markets expect fresh rounds of policy rate cutting by major central banks, with a 10-bps cut expected from the ECB, and about 30-bps from the BoE and Fed this month. Analysts note that given less room for reducing rates by the ECB, support measures could include increasing the asset purchase program to €40 bn per month (from €20 bn now) as well as targeted TLTROs for small and medium enterprises.

We want more!

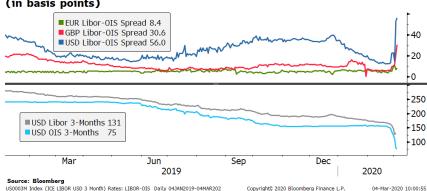


Source: Bloomberg, Commerzbank Research

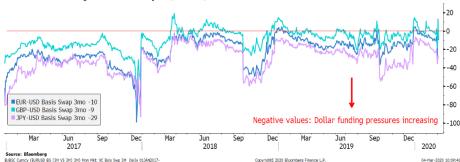
In **money markets**, the dollar and sterling **Libor-OIS spreads** have widened overnight following the rate cut by the Fed yesterday, which pushed OIS rates lower. Dollar funding pressures in the **cross-currency** 

**swaps** market remain contained despite abrupt gyrations in spreads this week. The euro-dollar, pound-dollar, and yen-dollar pairs are currently trading at levels slightly below the 2019 average. **Corporate credit spreads** have tightened a bit more today.

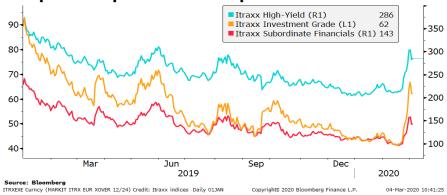




#### Cross-Currency Basis Swaps (3 mo)



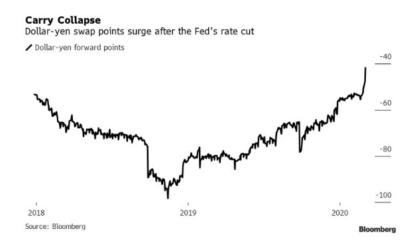
#### **European Corporate Credit Spreads**



## Other Mature Markets back to top

The yen weakened (-0.4%) while bond yields fell amid growing expectations for more BoJ policy easing following the Fed's surprising rate cut. The yen, at ¥107.50/dollar, is at its weakest level since early October. Expectations for the BoJ to ease policy further rose following the Fed's emergency rate cut yesterday. A Bloomberg survey indicated that a majority of economists expect the BoJ to introduce additional stimulus measures at its policy meeting later this month while leaving its negative interest rate untouched. Reflecting this expectation that Japanese rates are likely to remain steady relative to US rates,

forward points in dollar-yen, the premium over the spot rate to compensate for higher US yields relative to rates in Japan, surged after the Fed's 50 bps rate cut. In comparison to declining US rates, Japanese policy makers are expected to rely more on debt purchases to manage liquidity while keeping rates unchanged. That said, money markets priced in 18 bps of rate cuts by the BoJ this year, up from around 14 bps on Tuesday. Meanwhile, JGB yields fell ahead of a 30-year auction on Thursday with 2-year note down by 2.5 bps to -0.28%, the 10-year 2 bps lower to -0.13% and the 30-year unchanged at 0.31%.



## Emerging Markets back to top

The Fed's surprise rate cut raised expectations for policy easing across Asia. Indonesia's finance minister Sri Mulyani Indrawati urged other nations to follow the Fed in delivering rate cuts, underlining the need for "synchronized and coordinated policy responses". Meanwhile, India's central bank governor Das noted a "strong" reason for coordinated policy action, with options including a rate cut and supporting the market through liquidity measures. In contrast to calls for specific actions, the Bank of Korea indicated that it will seek to "monitor and stabilize" markets, but stopped short of explicit pledges of policy easing. BOK Governor Lee added that he sees a limit to what monetary policy can do to counter the virus' impact and that the bank's actions should harmonize with the government's measures. The Korean government is seeking a KRW 11.7 tn (\$9.8 bn) extra budget to support businesses hard hit by the virus outbreak.

Asian currencies staged broad-based gains following the Fed's surprise rate cut, with the Indonesian rupiah outperforming while sovereign bond yields fell across markets. Equities were mixed, with Korean bourses outperforming amid heightened rate cut expectations, despite the absence of an explicit pledge to ease from the BOK. The Indonesian rupiah gained 1.2% against the dollar. The Korean won strengthened to its strongest level (+0.6%) in nearly 2 weeks against the dollar following the Fed's rate cut. By contrast, the Indian rupee underperformed (-0.1%) as new coronavirus cases are being reported in the country. The rupee weakened by as much as 0.4% intraday to INR 73.6 per dollar, with 28 positive cases reported so far. Meanwhile, portfolio outflows also weighed on the currency; Bloomberg estimates suggest that overseas investors pulled a net INR 127.5 bn (\$1.7 bn) from the domestic bond market over the past 12 days. Equities increased modestly in EMEA as local rates followed core rates lower. Turkish shares (+1.2%) outperformed but equities fell in Israel as analysts expect that PM Netanyahu will have a more difficult time to form a governing majority than initially expected. The South African rand (+1%) and Russian ruble (+0.7%) gained with more subdued gains elsewhere in cautious trading. LatAm equities followed the U.S. roller coaster, with stock indices at the end of the day down 1.5% in Colombia, 1% in Brazil, 0.7% in Argentina, 0.3% in Peru, but 0.7% up in Mexico and almost flat in Chile. Currencies behaved mixed, appreciating in Chile (0.7%) and Peru (0.5%), depreciating in Brazil (-0.7%) and Mexico (-0.3%) and staying flat in other countries.

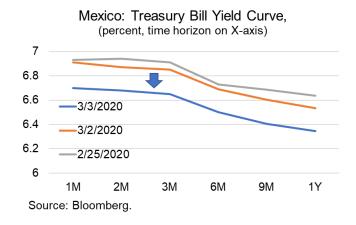
**Key Emerging Market Financial Indicators** 

Last updated:	Lev						
3/4/20 8:06 AM	Last 12m	index	1 Day	7 Days	ange 30 Days	12 M	YTD
Major EM Benchmarks				· ·	%		%
MSCI EM Equities	May many many	41.12	0.8	-1	-6	-3	-8
MSCI Frontier Equities	my	27.65	-0.9	-2	-8	-3	-9
EMBIG Sovereign Spread (in bps)	more many	363	-5	29	55	20	70
EM FX vs. USD	*******	58.85	0.4	0	-2	-7	-4
Major EM FX vs. USD	'		%, (				
China Renminbi		6.92	0.5	1	1	-3	1
Indonesian Rupiah	~~~~	14113	1.2	-1	-3	0	-2
Indian Rupee	man sure	73.23	0.1	-2	-3	-3	-3
Argentine Peso		62.31	-0.1	-1	-3	-36	-4
Brazil Real		4.51	-0.1	-1	-6	-16	-11
Mexican Peso	man	19.23	1.1	0	-3	0	-2
Russian Ruble	month	65.71	0.6	0	-4	0	-6
South African Rand	man Many	15.28	0.8	0	-3	-7	-8
Turkish Lira	* monumers	6.10	0.2	1	-2	-12	-2
EM FX volatility	montone	8.02	0.0	8.0	1.4	-0.2	1.4

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

#### Mexico

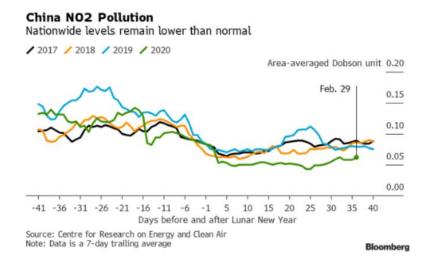
Analysts expect Banco de Mexico to follow the US lead in monetary easing soon. Barclay's analysts conclude that yesterday's 50bps cut in the US monetary policy rate further strengthens market expectations of cuts in the country's policy rate ahead: The CETES yield curve dropped by 20bps. Some analysts expect an imminent rate cut within this week, rather than waiting for the March 26 meeting. Yesterday's US policy action also softened depreciation pressure on the Mexican peso, as some of the resulting yield difference to the US was preserved by the reaction in short term rates.



#### China

Pollution levels measured from space suggest a gradual resumption in industrial activities in China. Using satellite data from NASA, analysis from the Helsinki-based Centre for Research on Energy and Clean Air showed that the measure of nitrogen dioxide (NO2) in China's atmosphere has risen nearly 50% from February 17<sup>th</sup> but remains roughly 20% below the equivalent period last year. In Hebei, China's top steel-making area, NO2 levels have actually risen above the equivalent period last year. Meanwhile, car sales plunged in February. Preliminary data from the China Passenger Car Association indicated that sales fell 80%, y/y, in February, the biggest monthly decline on record as the virus outbreak kept shoppers away.

Chinese assets have stabilized in recent days. The RMB strengthened against the dollar amid broad-based dollar weakness, with the onshore CNY reaching CNY 6.92/dollar (+0.6%), its strongest level since January 22<sup>nd</sup>, before the virus outbreak became public. Equities also gained, with the Shanghai Composite up by 0.6% on the day.

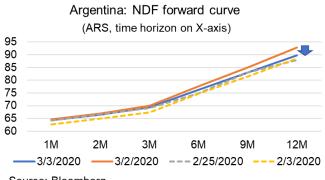


#### **Gulf Cooperation Council (GCC)**

Analysts argue that GCC countries are more vulnerable to the Covid-19 epidemic than previously assumed given low oil prices, impact on regional tourism, investment flows, healthcare expenditures, proximity to Iran, and heavy reliance on foreign workers. BNP Paribas expects fiscal pressures to rise given not just lower oil prices but also increased healthcare expenditures. Middle East sovereign spreads fell 10 bps this week (to 280 bps) but continue to trade near 2020 highs

#### **Argentina**

Investors remain uncertain about Argentina's fiscal course and debt service capacity. A Reuters report from Monday highlighted investors uncertainty on Argentina's future fiscal course and on the intensity with which the IMF would push for structural reforms aimed at ensuring fiscal sustainability. Both issues impact the country's capacity to serve its outstanding debt. Yesterday's tax revenue figures of ARS 471bn for the last month, 11.8% m/m down from the December 2019 value, proved in this context uninspiring, similar to the January fiscal deficit of ARS 3.7bn reported last week. With investor pessimism already priced in, however, markets reacted muted, with the most visible movement being a downward slide on the longer end of the country's non-deliverable FX forward (NDF) curve indicating a slight easing of anticipated depreciation, possibly due to continued advances of future prices on soybean meal.



Source: Bloomberg.

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## **Global Financial Indicators**

Last updated:	Level			Cha			
3/4/20 8:03 AM	Last 12m	Latest	1 Day	7 Days	30 Days	12 M	YTD
Equities				Ç	%		%
United States		3003	-2.8	-4	-9	8	-7
Europe	many	3430	1.7	-4	-8	3	-8
Japan	harmon harmon	21100	0.1	-6	-9	-3	-11
China	Myram whi	3012	0.6	1	8	-1	-1
Asia Ex Japan	and when the	69	-0.6	0	-4	-1	-6
Emerging Markets	man many	41	0.8	-1	-6	-3	-8
Interest Rates					points		
US 10y Yield	monome	1.01	-16.4	-33	-59	-172	-91
Germany 10y Yield	manual ma	-0.61	1.4	-11	-21	-77	-43
Japan 10y Yield	Annual March	-0.13	-1.9	-4	-8	-13	-12
UK 10y Yield	and the same	0.38	-0.9	-12	-19	-89	-44
Credit Spreads					points		
US Investment Grade	~~~~	133	4.1	15	25	14	36
US High Yield	mount	537	8.7	75	94	140	144
Europe IG	warman.	61	-0.8	10	18	0	17
Europe HY	morand	281	-2.1	22	63	4	74
EMBIG Sovereign Spread	war and a war and a second	363	-5.0	29	55	20	70
Exchange Rates					%		
USD/Majors	Same of the same o	97.47	0.3	-2	-1	1	1
EUR/USD	and the second	1.11	-0.4	2	1	-2	-1
USD/JPY	an a	107.6	-0.4	3	2	4	1
EM/USD		58.8	0.4	0	-2	-7	-4
Commodities	~~ · · · ·	50	2.4		%	40	20
Brent Crude Oil (\$/barrel)	The state of the s	53	2.1	-1	-2	-19	-20
Industrials Metals (index)	- Carrett	105	0.9	1	0	-13	-8
Agriculture (index)	and began many	39	0.0	1	0	-4	-5
Implied Volatility				9	%		
VIX Index (%, change in pp)	manhorman	32.1	-4.7	4.6	16.1	17.5	18.4
10y Treasury Volatility Index	homemone	6.8	0.2	1.2	2.2	2.9	2.6
Global FX Volatility	www.m	7.0	0.0	0.8	1.6	-0.1	1.1
EA Sovereign Spreads			10-Yea	/ (bps)			
Greece	and and a second	177	-8.3	10	19	-175	12
Italy	and the same	156	-5.5	6	21	-102	-4
Portugal	My market	96	0.0	18	25	-35	33
Spain	mymoral	78	-3.7	2	11	-24	12

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

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## **Emerging Market Financial Indicators**

Last updated:	Exchange Rates							Local Currency Bond Yields (GBI EM)						
3/4/2020	Level		Change (in %)				Level		Change (in basis points)					
8:03 AM	Last 12m	Latest	1 Day	7 Days	30 Davs	12 M	YTD	Last 12m	Latest	1 Day	7 Days	30 Davs	12 M	YTD
		vs. USD	(-	+) = EM ap	opreciati	on			% p.a.					
China		6.92	0.5	1.4	1	-3	1	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	2.8	8.0	-5	-3	-32	-31
Indonesia	marry	14113	1.2	-1.2	-3	0	-2	~~~~~~	6.9	-11.4	20	-1	-104	-23
India	mushine	73	0.1	-2.1	-3	-3	-3	and when the	6.5	1.0	-1	-24	-98	-34
Philippines	Myster bank	51	0.4	1.0	0	2	0	and when the same	4.1	5.8	1	-1	-143	-17
Thailand	war	31	0.3	1.7	-1	2	-5	and the same	1.2	1.8	2	-21	-139	-37
Malaysia	~~~~~	4.18	0.7	1.1	-2	-2	-2	and the same of th	2.8	1.3	-7	-31	-115	-52
Argentina		62	-0.1	-0.8	-3	-36	-4		49.5	-169.9	-387	-918	2802	-1305
Brazil	mound	4.51	-0.1	-1.4	-6	-16	-11	and many man	5.6	-6.6	-24	-36	-261	-65
Chile	and Market	807	0.0	0.4	-3	-18	-7		3.5	-15.7	-13	3	-92	18
Colombia	more market	3463	-0.1	-0.8	-2	-11	-5	mamma	5.6	-9.8	10	-2	-85	-38
Mexico	many	19.23	1.1	0.2	-3	0	-2	more	6.5	-15.6	-6	-20	-181	-43
Peru	who were	3.4	0.5	-0.4	-2	-3	-3	and when the same	4.2	-11.0	-1	-13	-143	-34
Uruguay		40	-0.8	-3.3	-5	-18	-6	~~~~~~	10.4	-2.3	83	4	12	-47
Hungary	man man man	301	0.0	3.7	1	-7	-2	marriage and the same of the s	1.5	-0.2	-4	15	-64	29
Poland	was production	3.86	-0.2	2.7	0	-2	-2	and would	1.5	2.6	-21	-42	-88	-40
Romania	mannen	4.3	-0.4	2.3	0	-3	-1	may have	3.7	-4.0	6	-19	-49	-34
Russia	wwwwww	65.7	0.6	-0.4	-4	0	-6	-	6.0	-24.8	12	-5	-211	-16
South Africa	mark Mary mark	15.3	8.0	0.2	-3	-7	-8	showing when the	9.5	-16.3	12	5	-4	-4
Turkey	* What was	6.10	0.2	1.0	-2	-12	-2	Jeanny	11.5	-84.6	-52	147	-422	-21
US (DXY; 5y UST)	) more marketing of	97	0.3	-1.5	-1	1	1	morning	0.76	1.7	-40	-66	-177	-93

	Equity Markets							Bond Spreads on USD Debt (EMBIG)						
	Level			Chang	e (in %)			Level		Cł	ange (in	basis point	ts)	
	Last 12m	Latest	1 Day	7 Days	30 Days	12 M	YTD	Last 12m	Latest	1 Day	7 Days	30 Days	12 M	YTD
								basis points						
China	My many many	3012	0.6	1	8	-1	-1	munder	186	4	13	16	7	10
Indonesia	monormy	5650	2.4	-1	-5	-13	-10		207	-10	32	35	15	51
India	handred part may d	38409	-0.6	-4	-6	7	-7	manyman	177	13	41	41	12	52
Philippines	Manyhangustra	6867	1.1	-1	-5	-11	-12	amphageness	115	-6	32	40	27	49
Malaysia	and and and and and a	1490	0.8	0	-3	-12	-6	morphower	131	3	15	20	4	19
Argentina	-way	35999	-0.7	-7	-12	6	-14		2195	-40	87	285	1464	426
Brazil	many many	105537	-1.0	-7	-9	12	-9	more	237	-3	20	18	2	22
Chile	and the same	4289	0.1	0	-8	-18	-8	harmon	178	-3	23	33	47	45
Colombia	mymmy	1513	-1.6	-5	-8	0	-9	whyman	195	-4	13	22	6	32
Mexico	my	42472	0.7	-1	-6	0	-2	workyou	360	-4	36	54	39	68
Peru	many may	18495	-0.3	-2	-9	-10	-10	mongramat	148	-1	19	27	13	41
Hungary	manner man	43475	0.4	0	-1	7	-6	manyment	180	1	48	72	72	94
Poland	many	52119	-0.2	-2	-10	-13	-10	humphund	101	2	43	66	52	83
Romania	-manusany	9749	0.6	0	-2	25	-2	munument	241	2	43	50	50	67
Russia	many many	2836	0.5	-6	-8	15	-7	morrow	177	-10	19	29	-33	46
South Africa	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	53330	0.7	-3	-6	-5	-7	mount	401	-1	38	62	109	81
Turkey	manner	112596	1.2	-2	-8	8	-2	marran	463	-20	20	97	47	62
Ukraine	48/2000	537	0.1	1	5	-4	5	way way	493	14	59	106	-156	73
EM total	www.wh	41	0.8	-1	-6	-3	-8	monther	363	-5	29	55	20	70

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

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	Coronavirus	(Covid-19	) Dashbo	ard		
			<u> </u>	hange or relat	tive change	
	Latest	1 Day	7 Days	YTD	Since global intensification (Feb 19)	Since Chinese intensification (Jan 20)
Equity Markets	Index		Rela	tive change (ir	%) except VIX	
China CSI 300 (Large Cap/Main Equity Index) CSI 500 (Mid-Cap Index) CSI 1000 (Small-Cap Index) Japan (Nikkei) Korea (Kospi) United States (S&P 500) Europe (Eurostoxx 600) MSCI Global MSCI Asia ex. Japan Asia Pacific Airlines Luxury Goods Hotels Restaurants & Leisure	4115 5717 6227 21100 2059 3003 388 522 648 127 680 333	0.6 0.1 0.5 0.1 2.2 -2.8 1.8 -1.2 0.5 0.5 0.4 -2.1	1.0 -0.5 0.1 -5.9 -0.8 -4.0 -4.1 -3.3 -1.0 -3.0 -1.3 -5.3	0.5 8.5 11.8 -10.8 -6.3 -7.0 -6.7 -7.6 -5.8 -17.7 -12.2 -13.7	1.6 2.0 3.5 -9.8 -6.8 -11.3 -10.6 -9.9 -5.8 -7.8 -9.9	-1.7 2.3 4.6 -12.4 -9.0 -9.8 -8.5 -9.8 -8.9 -15.5 -14.4 -16.6
Volatility Index (VIX, change in pp)	32	-4.7	4.6	18.4 Change (in ba	17.8	20.0
Interest Rates	Percent		-33	-91		0.4
US 10y Yield Germany 10y Yield Eurodollar - March 2020 Eurodollar - June 2020 Eurodollar - December 2020	1.01 -0.61 1.03 0.77 0.70	1 1 -1 1	-11 53 51 44	-91 -43 71 92 92	-56 -19 -64 -77	-81 -39 -72 -91 -90
Exchange Rates	Level			hange (in %)	(+) = Appreciat	
Chinese Renminbi (per USD) Japanese Yen (per USD) Euro (in USD) Dollar Index EM FX index	6.92 107.6 1.11 97.5 58.8	0.5 -0.4 -0.4 0.3 0.4	1.4 2.6 2.3 -1.5 0.4	0.6 0.9 -0.8 1.1 -4.2	1.1 3.4 -3.0 -2.2 -0.9	-0.8 2.3 -0.3 -0.1 -3.4
EM Bond Spreads on USD Debt	Basis points			Change (in ba	sis points)	
EMBI Global Diversified EMBI Asia EMBI Latam China	366 222 383 186	-3 5 -4 4	38 36 32 13	75 45 75 10	64 49 60 18	76 47 73 13
Local Currency Bond Yields (GBI EM)	Percent			Change (in ba	1	
China Mexico Brazil South Africa Turkey	2.84 6.51 5.60 9.47 11.48	1 -16 -7 -16 -85	-5 -6 -24 12 -52	-31 -43 -65 -4 -21	-8 -9 -16 3 9	-26 -40 -56 0 97
Commodities	Dollars			Relative char	nge (in %)	
Brent Crude Oil (per ton) Gold (per troy ounce)	53.0 1646.9	2.1 0.4	-0.9 0.4	-19.7 8.5	-10.4 2.2	-18.8 5.5