# **Global Markets Monitor**

**TUESDAY, MAY 26, 2020** 

- Fear of rising trade tensions threatens to weaken global risk sentiment (link)
- US corporations seem to be reducing reliance on commercial paper funding (link)
- US companies draw down aggressively on revolving facilities during Q1 (link)
- Japan lifts state of emergency and plans further reopening (link)
- German government reveals rescue package for Lufthansa (link)
- China will provide additional targeted support for businesses (link)

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

## Easing of lockdown measures boosts risk sentiment

Even as worries over renewed tensions between the US and China linger, optimism on easing of lockdown measures in some major economies is sending risk appetite higher this morning. Stocks in Europe are moving higher following a strong rally overnight in Asia shares, and US equity futures are pointing to sharply positive opening after markets were closed yesterday. Japanese shares rose more than 2% after the national state of emergency was lifted, bringing the Nikkei to its highest level since late February. The latest risk-on move is reflected in sovereign bond yields with both US and German yields moving higher this morning while European peripheral spreads are tightening. Despite the positive sentiment, investors continue to watch developments between the US and China as tensions between the two countries have continued to simmer. In the latest move, the US added 33 entities to its trade blacklist over the weekend, drawing a rebuke from China's foreign minister over the move.

#### **Key Global Financial Indicators**

Last updated:	Leve	I	Ch				
5/26/20 8:21 AM	Last 12m	Latest	1 Day	7 Days	30 Days	12 M	YTD
Equities				9	%		%
S&P 500	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	2955	0.0	3	4	5	-9
Eurostoxx 50		2984	0.4	3	6	-11	-20
Nikkei 225		21271	2.6	4	10	1	-10
MSCI EM		36	2.5	1	2	-8	-19
Yields and Spreads							
US 10y Yield	- warman de la company	0.69	0.0	0	9	-163	-123
Germany 10y Yield	manyo	-0.44	5.4	2	3	-32	-26
EMBIG Sovereign Spread		525	-8	-27	-108	161	232
FX / Commodities / Volatility							
EM FX vs. USD, (+) = appreciation		54.7	0.8	3	4	-11	-11
Dollar index, (+) = \$ appreciation	mymmus	99.1	-0.8	0	-1	1	3
Brent Crude Oil (\$/barrel)		36.0	1.4	4	68	-48	-45
VIX Index (%, change in pp)		28.0	-0.2	-1	-8	12	14

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

This week, rising tensions between the US and China are likely to add to investors' concerns as they weigh the impact of easing lockdown measures in a number of countries. The main market-mover will likely continue to be the Covid-19 pandemic, with market participants increasingly turning their attention to assessing the damage inflicted on the global economy and the robustness of consumer and corporate sentiment as the world starts to gradually reopen for business. But increasing frictions between the US and China are bringing back fears of renewed trade tensions between the world's two largest economic powers, with the political developments in Hong Kong SAR further fueling investor concerns. In terms of economic news and data releases, markets will be focusing on GDP and inflation data in the Eurozone (Thursday and Friday) as well as on China's manufacturing PMI (Saturday). In the US, special attention will be paid to durable goods and jobless claims numbers (Thursday) and to PCE inflation data (Friday). The Fed Chairman's talk at a virtual conference on Friday will also be of particular interest, as investors look for signs of the central bank's willingness to introduce additional easing measures at this stage, while seeking greater clarity on the pace of implementation of existing ones.

#### United States back to top

Markets in the US were closed yesterday for Memorial Day, but Friday's price action saw an increased demand for safe haven assets as fears of trade tensions resurfaced. Recent announcements by the US administration signaling that it could potentially prohibit certain Chinese companies from accessing US technology and financial markets, as well rising tension in Hong Kong SAR following the planned introduction of a new security law by the Chinese government, reflected negatively on global risk sentiment. As a result, safe haven assets were generally well bid, with 10-year US Treasuries yields down by about 2 bps on the day, and gold and the USD also strengthening by about 0.5% on Friday. The more cautious mood was also seen in investor positioning vis-a-vis US Treasuries, with speculators continuing to reduce their short positions on expectations of a continuation of accommodative monetary policy in the medium-term (see chart below). This said, the overall impact of political tensions on risky assets was somewhat cushioned by news of a gradual easing of lockdown measures in a number of developed economies, leaving US equities relatively flat on the day and up by close to 3.3% on the week. It is interesting to note that the increased uncertainty introduced by renewed trade tensions has so far not been visibly reflected in market volatility measures, with both the VIX (a measure of implied equity price volatility) and the MOVE index (a measure of implied Treasury volatility) continuing to trend downward (see chart below).

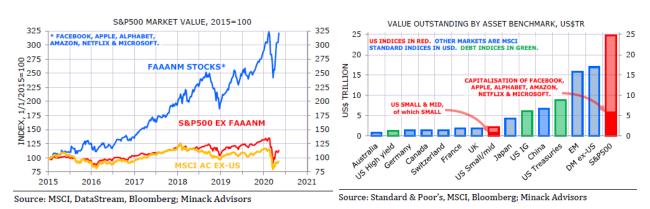


**US** corporations seem to be reducing their reliance on commercial paper (CP) to fund short-term liabilities. Analysts estimate that US companies have raised around \$97 billion in debt so far this year mainly to refinance commercial paper (see chart below). This is close to the level witnessed during the financial crisis, which is somewhat surprising given the Fed's efforts to improve liquidity in the CP market through the establishment of a new facility in the wake of the funding pressures experienced in mid-March. Analysts have attributed the incentive for US corporates to move away from the short-term CP market toward longer-duration liabilities to a number of factors, including their desire to lock-in attractive pricing at

the longer-end of the curve following the recent drastic cuts in policy rates. The move may have also been motivated by the fear that CP markets could freeze up again should there be an unexpected build-up of stress in short-term funding markets. The fact that the Fed's intervention has not provided a strong incentive for US corporates to remain in CP market may also be attributed, according to analysts, to a possible misalignment in the pricing of the central bank's facility, especially with respect to the higher-rated corporates.

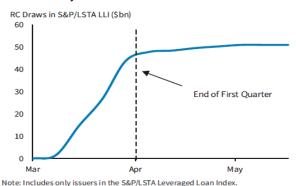


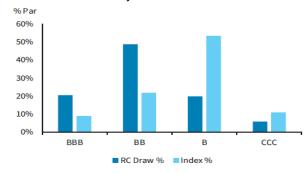
According to analysts, the outperformance of US equities versus the rest of the world can be largely attributed to six stocks. Minack associates argue that Facebook, Apple, Alphabet, Amazon, Netflix and Microsoft (FAAANM) are almost exclusively responsible for the outperformance of the S&P500 versus global equities. This is not only applicable to the current crisis period but is also true for the period extending back to 2015. Excluding FAAANM stocks from the S&P 500 index reveals that the rest of US equities have performed very much in line with the rest of the world – which is to say that their performance has been lackluster (see chart below). Moreover, Minack associates argue that the differentiating aspects of FAAANM stocks extend beyond price outperformance to include: (i) their considerably larger size – they have single handedly accounted for two thirds of the \$6 tn increase in the S&P500's market capitalization since 2015; (ii) their significantly larger profitability; and (iii) the lower correlation of their revenues to the rest of the US economy due to their significant international exposrure. In fact, they argue that if we were to hypothetically consider FAAANM as a separate asset class, its market capitalization would be greater than that of any other equity market in the world, barring China and the US (see chart below).



US companies drew down aggressively on their bank revolving facilities during the first quarter, though the pace of drawdowns has recently decelerated. In the wake of the Covid-19 crisis, it would have been reasonable to expect companies, especially ones that found themselves on the riskier end of the spectrum, to draw down on their revolving bank credit facilities to meet liquidity needs and preempt potential constraints in funding markets. And indeed, the data do seem to validate this conjecture. According to Barclays, companies in the S&P/LSTA Leverage Loans Index (LLI) drew down approximately \$50 bn from their revolving credit facilities during March 2020. However, the draws seem to have stabilized since

then as funding markets normalized and corporate spreads tightened. What is somewhat surprising however is that the draws were skewed mostly toward the higher, not lower, quality names in the index (see chart below). In fact, approximately 70% of the draws in the LLI were by names rated BB- or higher. Analysts at Barclays attribute this to the fact that at the peak of the crisis, higher rated names were in fact at a higher risk of negative rating action than lower rated ones. This put additional pressures on them to secure short-term funding and hence draw on their revolvers. It also indicates that the impact of the Covid-19 crisis may have been even more severe on these issuers that commonly believed.





Note: Uses the rating of loans in the S&P/LSTA LLI, not the revolver rating.

Source: Barclays

## Europe back to top

Equity markets have been buoyed today by the prospects of re-openings: DAX (+0.5%), CAC 40 (+1.1%), EuroStoxx 600 (+0.8%), Italy's Titans 30 (+1.3%), and Spanish Ibex (+1.1%).

Bank stocks (+3.3%) outperformed broad indices. With the Q1 earnings reporting season concluded, analysts at Societe Generale note that most large banks grossly missed their profit before taxes targets for 2020Q1. The main driver for the poor performance was 'big misses' in banks' loan losses, while net interest income and costs stayed mostly in line with expectations, or even delivered some positive surprises. Forecasts for 2020 earnings per share (EPS) have been revised down on the order of 10% to 60% for most lenders.

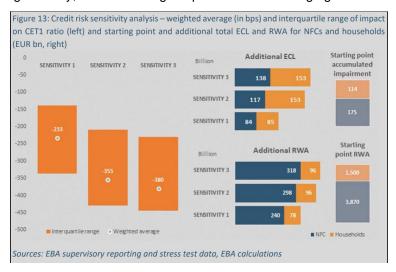
1Q20 RESULTS HEATMAP - AS IT HAPPENED

	B 11.1	NII	n.			4 11 1 1 1 1 1 1 1	Capital Build	1Q20 CET 1 FL	Perf. vs Market	20e EPS Cons. Cha	21e EPS Cons.	20e DPS Cons.
Banks	Result dates		Revenue	Costs	Loan Losses	Adjusted PBT					Chg	Chg.
JPM	14-Apr-20	Beat	In-line	In-line	Big Miss	Big Miss	-90	11.5%	Underperform	-53.8%	-23.6%	-3.8%
CITI	15-Apr-20	Miss	Beat	In-line	Big Miss	Big Miss	-60	11.2%	Market perform	-63.9%	-32.7%	-5.0%
GS	15-Apr-20	_	Beat	Big Miss	Big Miss	Big Miss	-80	12.5%	Large Outperform	-42.5%	-20.0%	-3.1%
BAC	15-Apr-20	Beat	In-line	In-line	Big Miss	Big Miss	-40	10.8%	Market perform	-49.9%	-29.1%	-6.5%
MS	16-Apr-20		Miss	In-line		Big Miss	-70	15.7%	Outperform	-31.7%	-22.2%	-4.0%
SHB	22-Apr-20	In-line	In-line	In-line	Big Beat	Big Beat	-90	17.6%	Large Outperform	-2.9%	-3.1%	-26.3%
SWED	23-Apr-20	Beat	Miss	In-line	In-line		-90	16.1%	Underperform	9.7%	-3.4%	-29.1%
CS	23-Apr-20		Beat	Beat		Beat	-60	12.1%	Market perform	-16.1%	-8.4%	-14.8%
BKT	23-Apr-20	In-line	Big Miss	Big Beat	Big Miss	Big Miss	-15	11.5%	Market perform	-22.9%	-18.6%	-46.3%
UBS	28-Apr-20						-90	12.8%	Outperform	-4.5%	-2.0%	-1.2%
HSBC	28-Apr-20	In-line	In-line	Big Beat	Big Miss	Big Miss	-15	11.5%	Underperform	-32.3%	-11.1%	-60.7%
SAN	28-Apr-20	In-line	In-line	In-line	Beat	Big Beat	-8	11.3%	Market perform	-37.7%	-22.4%	-58.0%
DBK	29-Apr-20		l				-80	12.8%	Large Outperform	16.2%	-10.0%	0.0%
SEB	29-Apr-20	Beat	Big Miss	In-line	Big Beat	Big Miss	-80	16.8%	Large Outperform	-7.2%	-1.7%	-16.3%
NDA	29-Apr-20	Beat	In-line	In-line	Big Beat	Big Beat	-30	16.0%	Outperform	-9.0%	-0.5%	-7.4%
BARC	29-Apr-20		Big Beat	Beat	Big Miss	Big Miss	-70	13.1%	Large Outperform	-57.9%	-15.5%	-46.8%
STAN	29-Apr-20		Beat		Big Miss	Big Beat	-40	13.4%	Large Outperform	-34.1%	-16.1%	-40.0%
BKIA	29-Apr-20	Miss	In-line	In-line	Big Miss	Big Miss	-7	13.0%	Outperform	-44.4%	-34.2%	-57.3%
DNB	30-Apr-20	In-line	Miss	Beat	Big Miss	Big Miss	-90	17.7%	Large Outperform	-24.6%	-10.2%	-22.3%
DNKE	30-Apr-20	Beat	Miss	In-line	Big Miss	Big Miss	30	17.4%	Market perform	-96.1%	-21.8%	-46.7%
LLOY	30-Apr-20	In-line	In-line	In-line	Big Miss	Big Miss	40	14.2%	Underperform	-26.7%	-6.7%	-46.2%
BBVA	30-Apr-20	Beat	Beat	In-line	Big Miss	Big Miss	-90	10.8%	Underperform	-27.6%	-19.2%	-66.2%
CABK	30-Apr-20	In-line	Miss	In-line	Big Miss	Big Miss	-39	12.0%	Market perform	-35.0%	-17.4%	-60.0%
SAB	30-Apr-20	In-line	Beat	Beat	Big Miss	Big Beat	-10	11.6%	Large Outperform	-52.2%	-42.2%	-57.5%
EBS	30-Apr-20	Beat	Miss	In-line	Big Beat	In-line	-60	13.1%	Outperform	-37.0%	-23.1%	-38.8%
RBS	1-May-20	In-line	Big Beat	Miss	Big Miss	Big Beat	40	16.6%	Outperform	-52.0%	-15.4%	-56.8%
LBK	4-May-20	Beat	In-line	In-line	Miss	Miss	0	13.0%	Outperform	-16.7%	-23.3%	-30.0%
BNP	5-May-20	Deat	In-line	In-line	Big Miss	In-line	-10	12.0%	Outperform	-14.3%	-10.1%	-19.8%
ISP	5-May-20	Beat	Big Boat	In-line	Big Boat	Big Boat	40	14.5%	Outperform	-4.7%	-10.1%	-20.0%
ACA	6-May-20	Doat	Beat	Miss	In-line	Beat	-70	11.4%	Market perform	-4.7%	-16.2%	-25.3%
UCG	6-May-20	Beat	In-line	Miss	In-line	Miss	-70 -34	13.4%	Market perform	-64.8%	-10.2%	-25.3%
KN	6-May-20 6-May-20	Deat	In-line In-line	In-line	In-line Miss	Miss	-34 -100	13.4%	Market perform	-64.8% -52.9%	-21.8% -18.9%	-54.4% -17.3%
ING	8-May-20	Beat	In-line Beat	In-line In-line		Big Best	-100 -60	11.4%	Outperform	-52.9%	-18.9% -9.1%	-17.3%
					Big Beat							
ABN	13-May-20	In-line	In-line	In-line	Big Miss	Big Miss	-80	17.3%	Large Underperform	-72.1%	-22.0%	-59.2%
RBI	14-May-20	Beat	Beat	In-line	Beat	Big Beat	-90	13.0%	Underperform	-16.7%	-6.8%	-19.5%
KBC	14-May-20	Beat	Big Beat	In-line	Big Miss	Big Beat	-80	16.3%	Large Underperform	-31.5%	-13.3%	-32.9%
Better		14	13	6	8	12	4		18	2	0	0
In-line		10	13	23	3	2	1		10	0	0	1
Worse		2	8	4	21	19	31		8	34	36	35

SOCIETE GENERALE

Consensus ROTE estimated as EPS/TB. Source: Datastream I/B/E/S, SG Cross Asset Research/Equity

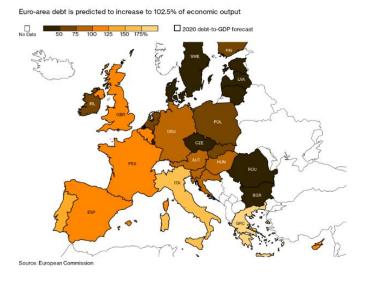
The EBA expects European banks to be able sustain Covid-19 losses of up to €380 bn. In its latest sensitivity analysis — which builds on the institution's 2018 stress-tests — the EBA notes that EU banks started the lockdown periods in a relatively strong position compared to previous crises, as they held capital equivalent to almost 15% of risk weighted assets. Nonetheless, the EBA notes that funding conditions for banks have become more difficult and that in the medium-term asset quality is expected to deteriorate significantly, with an average impact on lenders ranging between -233 and -380 bps of CET1 capital.



Sovereign debt markets traded in a risk-on mode as core yields gained while periphery ones inched lower: German 10-year yields at -0.43% (+6 bps); French OATs are at 0.00% (+5 bps); Italian at 1.55% (-2 bps); and Spanish at 0.61% ( unch.).

## The German government has unveiled a \$9.8 bn rescue package for beleaguered airline Lufthansa.

The package is the first rescue operation that will be assessed by the European Commission (EC) after state-aid rules were relaxed in response to the pandemic. The operation will involve the German government acquiring a 20% stake in Lufthansa (which could be raised to 25% plus in the event of a hostile take-over); a €5.7 bn investment via debt-equity hybrid instruments; and a state loan guarantee worth €3 bn. In response to the rescue package, the EC wants Lufthansa to give up some protected flight slots at some key German airports in order to ensure fair competition among airline carriers. The EC is forecasting a steady increase in the public debt levels of most of its members, some of them well above 100% of GDP.



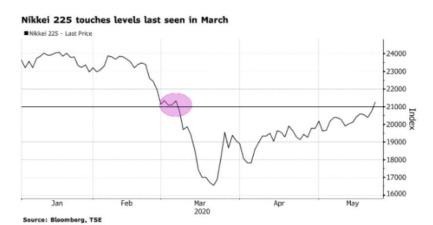
Banque de France governor Villeroy de Gallau signaled that further support measures by the ECB could be forthcoming. The governor noted that with low inflation, the ECB had room to act "rapidly and powerfully," and that he would like to see the constraints around the PEPP loosened. Mr. Villeroy de Gallau also said that the ECB is willing to overshoot slightly its inflation target if necessary.

In the UK, last night PM Johnson announced the reopening of car dealerships and outdoor markets from June 1 and of high street retailers from June 15.

#### Other Mature Markets back to top

#### Japan

Japan lifted its state of emergency yesterday in the last five prefectures including Tokyo. For Tokyo, which accounts for around one in three COVID-19 cases, museums, gyms and schools will be allowed to reopen in the first phase. Gatherings will be limited to 50 people and restaurants will be allowed to shut at 10pm from 8 pm previously. The second phase would likely begin on Saturday, involving reopening theatres, cinemas and retail facilities. Japan is looking to completely reopen the economy from the start of August while domestic travel would be allowed from June 19. Equities rose +2.2% to their highest level since February 27. The yen and 10-year JGB yield were little changed.



Emerging Markets back to top

Equities rose +1.9% on across Asia led by tech. Hong Kong SAR (+1.9%), Korea (+1.8%) and China (Shanghai +1%; Shenzhen +2.2%) outperformed. Currencies were stronger against the dollar led by the Korean won (+0.8%). Separately, Singapore slashed its 2020 growth forecast for a third time to -7% to -4% (from -4% to -1%) on COVID-19 disruptions. It also unveiled a fourth fiscal package worth SGD33 bn (\$23 bn; around 6.5% of GDP) aimed at supporting businesses. On COVID-19, Hong Kong SAR will resume some airport transit services from June and could reopen night clubs and karaoke bars as early as Friday. Indonesia's government has deployed almost 350,000 army and policy personnel to guard public transport, shopping malls and tourism sites to ensure that social distancing rules are adhered to as the spread of the virus picked up. Most EMEA bourses posted firm gains as an increasing number of countries plan to re-open their economies. By country: Russia (+1.0%); Turkey (+0.4%); Poland (+2.0%); Czech Republic (+1.5%). The gains in the Middle East and African countries was smaller: South Africa (+0.9%), Saudi Arabia (flat); Qatar (+0.2%), UAE (+0.3%). Currencies in central and Eastern Europe strengthened to the dollar by about 0.5% to 1.5%, with the highest gains for the ruble (+1.0%), the Polich zloty (+1.5%), and the Czech koruna (+1.0%). Latin American equity markets were mixed over the long weekend. Argentina and Colombia equity market saw losses last Friday, with domestic equity indexes down 1% and 0.8%, respectively. Brazil outperformed as the equity index rallied 4.3% on Monday, followed by Chile (+0.8%) and Mexico. Currencies were mixed but mainly traded in narrow ranges, except for the

Brazilian real (+1.6%). The 10-year government bond yield dropped 34 bps in Brazil and was mixed in other countries.

Last updated: Level Change 5/26/20 8:24 AM 30 Days Last 12m index 1 Day 7 Days 12 M YTD Major EM Benchmarks % % MSCI EM Equities 36.43 2.5 1 2 -8 -19 MSCI Frontier Equities 23.16 -0.3 4 6 -18 -24 EMBIG Sovereign Spread (in bps) 525 -8 -27 108 161 5 EM FX vs. USD 54.69 0.9 .11 3 -11 Major EM FX vs. USD %, (+) = EM currency appreciation China Renminbi 7.13 0.1 0 -1 -3 -2 0 14755 -0.34 -3 -6 Indonesian Rupiah Indian Rupee 75 67 0.4 0 1 -8 -6 Argentine Peso 68 17 -0.1 -1 -3 -34 -12 5 Brazil Real 5.38 1.3 -14 -14 Mexican Peso 22.13 1.8 12 5 -9 Russian Ruble 70.80 12 2 -13 South African Rand 17.37 1.6 8 -17 19

**Key Emerging Market Financial Indicators** 

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

674

10.99

#### **EM Fund Flows**

Turkish Lira

EM FX volatility

EM bond funds reverted to outflows last week (-\$747 mn, +\$458 mn the week before), and EM equity funds saw outflows for the 5<sup>th</sup> consecutive week (-\$2.4 bn, -\$2.6 bn the week before) according to JP Morgan. Of the EM bond funds, hard currency funds saw inflows (+\$240 mn), while local currency funds suffered from the largest outflow since late March (-\$987 mn). From a regional perspective, Latin America equity funds saw the largest outflows (-\$405 mn), followed by Asia ex-Japan and EMEA. Year to date flows to EM bonds and equities were -\$34.8 bn and -\$40.3 bn, respectively.

1.1

0.0

1

-0.2

4

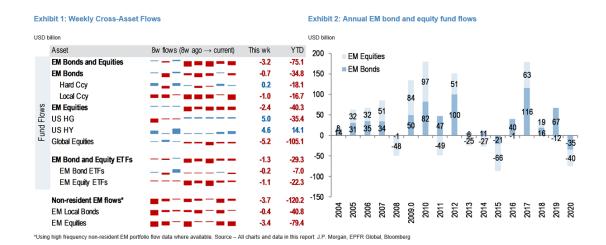
-1.2

-10

2.5

12

4.4



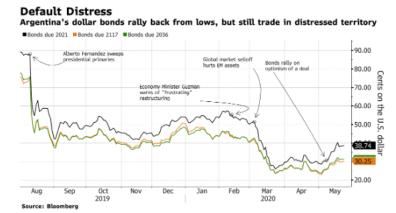
#### China

The People's Bank of China (PBoC) will provide additional targeted support to corporates. According to Governor Yi Gang, the PBoC will focus on five measures. These include: (1) postponing loan principal repayment and interest owed by small companies to March 2021, (2) increase collateral-free credit to these firms, (3) improve the government's associated credit guarantees, (4) guide a RMB 1 tn (\$140 bn) increase in corporate bond financing and support financial institutions to issue RMB300 bn (\$42 bn) of special

financial bonds and (5) develop supply chain finance. Separately, China and Hong Kong's leader sought to reassure international investors on concerns regarding the proposed Hong Kong SAR security bill. The foreign ministry commissioner in Hong Kong SAR said that the judiciary would remain independent under the new national security law. The proposed legal changes 'will create a more law-based, reliable and stable business environment for foreign investors', according to the commissioner. Hong Kong's Chief Executive Carrie Lam assured that 'the rule of law, independence of the judiciary, the various rights and freedoms' will continue to be there. Equities rose (Shanghai +1%; Shenzhen +2.2%) while the onshore and offshore RMB were little changed.

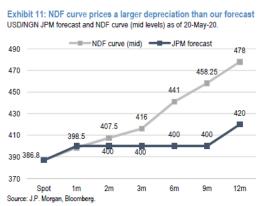
### **Argentina**

Argentina missed the final deadline for \$500 mn of interest payments last Friday, heading for its ninth sovereign default. Yet no immediate legal action from bondholders was expected, and both sides were still trying to reach an agreement to avoid a hard default on \$65 bn of foreign debt. According to the press report, the economy minister Martín Guzmán said on Friday that there was "increasing mutual understanding" between the government and the creditors. To have more time to make amendments, Argentina has extended the deadline for creditors to consider the debt restructuring offer to June 2



#### Nigeria

Markets expect no change at Nigeria's monetary policy committee meeting on Thursday. The meeting was initially scheduled to conclude today but was postponed due to the declaration of the Eid-el Fitr holidays. Nigeria has thus far bucked the trend of other emerging market central banks of cutting rates during the current crisis, and analysts believe still high inflation is a limiting factor to cuts, with CPI rising to 12.3% y/y in April (compared to the target range of 6-9%). Following the devaluation of the Naira in March, there is some market anticipation that Nigeria may liberalize the FX policy, following a letter sent by the government when requesting financing from the IMF, where it signaled its commitment for a "more unified and flexible exchange-rate regime." This has been reflected in higher NDF implied yields (chart below), however some analysts remain skeptical such a move will occur.



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China	my my	2847	1.0	-2	1	0	-7
Asia Ex Japan	mystalian	63	-2.5	-1	0	-4	-15
Emerging Markets		36	2.5	1	2	-8	-19
Interest Rates				basis	points		
US 10y Yield	moranyon	0.69	0.0	0	9	-163	-123
Germany 10y Yield	manym	-0.44	5.4	2	3	-32	-26
Japan 10y Yield		0.01	0.6	0	2	8	2
UK 10y Yield	morrow Mar	0.19	1.2	-6	-11	-77	-64
Credit Spreads					points		
US Investment Grade	\ <u>-</u> -	182	-0.8	-11	-14	56	85
US High Yield		679	-5.5	-35	-92	234	286
Europe IG	M_	75	-5.1	-7	-6	7	31
Europe HY	Mm	456	-27.6	-34	-37	161	249
EMBIG Sovereign Spread		525	-8.0	-27	-108	161	232
Exchange Rates					%		
USD/Majors	mymm	99.06	-0.8	0	-1	1	3
EUR/USD	warman Mrs.	1.10	0.7	0	1	-2	-2
USD/JPY	mounton	107.5	0.2	0	0	2	1
EM/USD	-	54.7	0.8	3	4	-11	-11
Commodities	lore a series				%		
Brent Crude Oil (\$/barrel)		36	1.4	4	68	-48	-45
Industrials Metals (index)	and why we	97	0.8	0	2	-14	-15
Agriculture (index)	my way	35	1.0	0	0	-12	-16
Implied Volatility				q	%		
VIX Index (%, change in pp)		28.0	-0.2	-1.3	-8.0	12.1	14.2
10y Treasury Volatility Index		4.7	-0.3	0.0	-1.1	0.5	0.6
Global FX Volatility	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8.4	0.0	-0.3	-1.4	1.6	2.4
EA Sovereign Spreads			10-Yea				
Greece	~~~~	210	-8.1	-23	-71	-138	44
Italy	my	201	-5.8	-9	-30	-66	41
Portugal	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	113	-7.6	-10	-43	3	50
Spain	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	105	-5.2	-5	-37	11	40

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)							
5/26/2020	Leve			Change				Level		Cha					
8:24 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	preciati	on			% p.a.			54.5			
China	2000 May 2000	7.13	0.1	-0.5	-1	-3	-2	- Andrew	2.6	0.2	0	20	-73	-57	
Indonesia	~~~	14755	-0.3	0.1	4	-3	-6	m	7.5	0.0	-18	-31	-54	40	
India		76	0.4	0.0	1	-8	-6	annound Marie	6.1	0.0	-9	-18	-123	-78	
Philippines	whim manha	51	0.5	0.3	0	3	0	John John John	4.4	0.0	-8	-48	-66	12	
Thailand	~~~~	32	0.3	0.1	2	0	-7	manura	1.3	0.8	-2	-8	-123	-30	
Malaysia	~~~~	4.36	-0.4	-0.3	0	-4	-6	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	2.8	0.0	-3	-7	-104	-58	
Argentina		68	-0.1	-0.7	-3	-34	-12	\ \ \ \ \	46.7	0.0	316	-363	1314	-1592	
Brazil		5.38	1.3	7.0	5	-25	-25	Munde	5.5	-30.0	-41	-121	-247	-73	
Chile	- Mary	805	0.1	2.0	7	-13	-6	~ March	2.3	-0.1	-21	-51	-181	-102	
Colombia		3778	-0.1	2.0	7	-11	-13	M	5.3	0.0	-25	-110	-96	-64	
Mexico		22.13	1.8	6.8	12	-14	-14	Mommon	6.3	-3.4	10	-60	-178	-63	
Peru	سىلمىسىسى.	3.4	0.0	0.0	-1	-2	-3	M	4.2	-0.1	-6	-42	-99	-30	
Uruguay		43	0.1	2.0	0	-19	-14	1	10.6	0.0	-59	-179	-63	-28	
Hungary	manyth	319	1.0	0.5	3	-9	-7	manne	1.6	0.0	8	-18	-35	43	
Poland	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	4.06	1.7	2.6	3	-6	-7	morninge	1.0	0.0	9	5	-126	-84	
Romania	man Marie	4.4	0.6	0.4	1	-4	-3		4.1	0.0	5	-18	-26	5	
Russia		70.8	1.2	2.4	5	-9	-13		5.3	-0.3	2	-56	-245	-86	
South Africa	~~~~	17.4	1.6	5.6	8	-17	-19		9.9	-3.2	-17	-135	60	38	
Turkey		6.74	1.1	0.6	4	-10	-12	mound	11.3	0.0	-48	60	-987	-39	
US (DXY; 5y UST)	) war many love	99	-0.8	-0.3	-1	1	3	morrow	0.36	2.6	3	-1	-176	-133	

	Equity Markets								Bond Spreads on USD Debt (EMBIG)							
	Level		Change (in %)				Level		Change (in basis points)							
	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 poi	nts							
China	myrmymm	2847	1.0	-2	1	0	-7		240	-2	-5	-7	62	64		
Indonesia		4627	1.8	3	3	-22	-27		285	-5	-26	-71	85	129		
India		30609	-0.2	2	-2	-22	-26		304	31	-7	-22	151	179		
Philippines	money	5497	-0.8	0	1	-29	-30	Mummy	167	-3	-5	-25	81	101		
Malaysia	many	1437	0.0	2	5	-10	-10		232	-2	-10	-50	105	120		
Argentina	many	40963	0.0	4	40	17	-2		2696	-70	-87	-1371	1791	927		
Brazil		85664	4.2	6	14	-9	-26		390	-13	-38	-81	132	175		
Chile	mondo	3751	0.7	0	2	-23	-20		226	-7	-22	-79	91	93		
Colombia	m	1058	0.0	-2	-6	-29	-36	M_	293	-10	-45	-124	95	130		
Mexico	my many	35833	0.1	-3	4	-16	-18	M	537	-14	-49	-187	223	245		
Peru		15400	0.3	-2	8	-22	-25		196	-5	-25	-86	56	89		
Hungary		35862	1.9	1	9	-10	-22	monument	210	-3	-2	-5	105	124		
Poland	- Jane	47219	1.7	3	5	-17	-18	muyuman	85	-3	-6	-44	35	67		
Romania		8693	0.1	4	10	6	-13		340	5	-12	-18	142	167		
Russia		2785	1.0	3	9	6	-9	m	209	-5	-17	-72	0	78		
South Africa		50595	1.0	-3	2	-7	-11		554	-19	-36	-115	245	234		
Turkey	my	103024	0.0	4	4	20	-10	Mu	623	-3	-34	-83	69	222		
Ukraine	mary many	500	0.0	0	0	-13	-2	M	716	-15	-15	-173	69	296		
EM total	my	36	2.5	1	2	-8	-19		525	-8	-27	-108	161	232		

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