Global Markets Monitor

TUESDAY, NOVEMBER 30, 2021

- Eurozone estimated inflation surprises on upside (link)
- Spreads on African countries' external bonds continue to widen (link)
- Polish inflation higher than expected (link)
- China's official PMIs surpass expectations in November (link)
- Greece makes vaccinations mandatory for people over 60 (link)
- Special Feature: ESG Monitor COP 26 Update (attached)

Mature Markets | Emerging Markets | Market Tables

Investor anxiety returns on vaccine doubts

Concerns about vaccine efficacy against the Omicron variant are weighing on risk sentiment this morning, reversing Monday's tentative gains. Major European and Asian stock indices are down by more than one percent, with risk bellwether US small cap stocks slumping in pre-market trading and oil prices taking another leg lower. Advanced economy government bond yields are down 4-8 bps as rate hike expectations for next year slip further, while haven currencies like JPY and CHF are seeing a strong bid. The spark for the slump in risk sentiment came from comments from Moderna's CEO suggesting that new vaccines will be needed to cope with the Omicron strain's many mutations. The rapid shift in markets' tone from yesterday's tentative optimism underscores the information vacuum facing markets, which promises to generate volatility until a more complete picture of risks from the new variant emerges.

Key Global Financial Indicators

Last updated:	Leve		Cl				
11/30/21 8:08 AM	Last 12m	Latest	1 Day	7 Days	30 Days	12 M	YTD
Equities				9	%		%
S&P 500	and the same of th	4655	1.3	-1	1	29	24
Eurostoxx 50		4063	-1.1	-5	-4	16	14
Nikkei 225	way mary ma	27822	-1.6	-7	-6	4	1
MSCI EM	my grand more	49	0.4	-4	-4	0	-5
Yields and Spreads							
US 10y Yield	my many many m	1.44	-5.8	-22	-11	60	53
Germany 10y Yield	Sandy	-0.34	-2.7	-12	-24	23	23
EMBIG Sovereign Spread	munumed	386	-4	30	30	9	36
FX / Commodities / Volatility				9	%		
EM FX vs. USD, (+) = appreciation	many borney more from	52.3	-0.1	-2	-5	-7	-10
Dollar index, (+) = \$ appreciation	and the same of	95.8	-0.6	-1	2	4	7
Brent Crude Oil (\$/barrel)	Mary Mary Mary Mary Mary Mary Mary Mary	71.1	-3.2	-14	-16	49	37
VIX Index (%, change in pp)	whomewhat	26.5	3.6	7	10	6	4

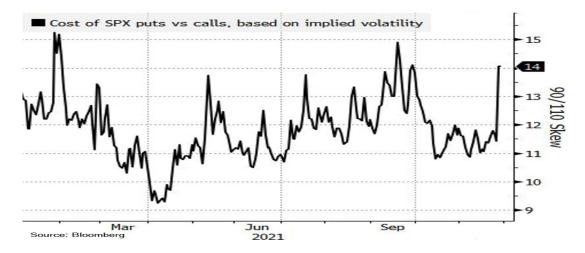
 $Colors \ denote \ tightening/easing \ financial \ conditions \ for \ observations \ greater \ than \ \pm 1.5 \ standard \ deviations. \ Data \ source: Bloomberg.$

Mature Markets

back to top

United States

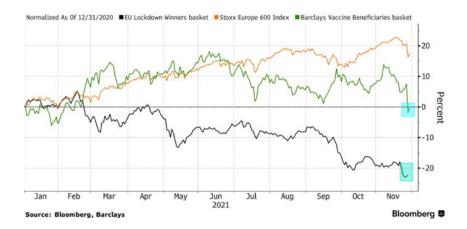
US markets joined the global recovery on Monday, with the S&P 500 gaining 1.3%, led by tech stocks as the Nasdaq outperformed up 2.3%. The VIX receded back down to 23 from 28. Treasury yields reversed only a small part of Friday's move, with 2- and 10-year yields up 1 and 4 bps respectively on the day. Market expectations of Fed policy action stabilized on Monday following Friday's repricing, with just over 2 rate hikes priced in through December 2022. Despite the stabilized sentiment, bearish fears lingered in options markets, with the implied cost of puts on the S&P500 versus call options remaining elevated on Monday, based on 3-month contracts.



The rapid rebound in many risk asset prices in US trading points to investor hopes that the economic impact of the omicron variant may be more limited than past waves. Many analyst have sounded an optimistic tone (or at least a wait-and-see attitude) despite large uncertainty on the virus itself, anticipating vaccines will provide at least some protection while the economic impact will be smaller. Several central bank officials (the Fed's Bostic and the ECB's Villeroy) echoed similar themes on Monday, effectively noting that each variant or infection wave has had less of an economic impact than the last, and periodic variants may just be part of the economic equation for the time being. However, Chair Powell (in written testimony) struck a more cautious tone, noting "...the emergence of the Omicron variant pose downside risks to employment and economic activity and increased uncertainty for inflation", while highlighting the risks to supply chain challenges in particular.

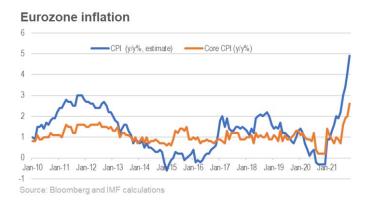
Euro area

European equities were about 1.3% lower on average this morning, reversing tentative increases seen yesterday. With markets still uncertain about what direction to take in the aftermath of the Omicron announcement last week, a number of defensive pandemic stocks rebounded while stocks that performed best during the lockdown did not manage to rebound from 2021 losses. With relatively lower trading volumes seen yesterday than on Friday, overall investors appear unwilling to de-risk aggressively or to buy stocks now that the prices have dropped. The STOXX 600 index is now trading close to levels seen in August, down -3.2% in the month-to-date, with losses on the sector level led by the travel and leisure sector (-20.7% month-to-date).



The euro was trading stronger against the dollar (+0.5%) this morning, while contacts remain bearish on euro performance going forward. **10-year bund yields were down -3 bps** at -0.10%, while Southern European spreads were little changed.

Eurozone preliminary November inflation surprised to the upside, with headline CPI reaching a record high 4.9% y/y (+4.5% consensus from +4.1%) mainly driven by higher energy and goods prices. Core price growth increased to 2.6% y/y (+2.3% consensus from +2%), signaling stronger than expected price pressures in both services and non-energy goods categories. ING analysts see price pressures increasing in the medium-term with wage growth rebounding in 2022, but note limited concerns currently about second-round effects with the ECB indicator for wage growth falling to a record-low in 3Q2021. On the country level, German (+6.0%y/y) and French (+3.4%y/y) inflation both came in above consensus (5.5% and 3.3% respectively). Economists generally see higher inflation reversing in 2022. ECB Vice President Luis de Guindos flagged that inflation may not go down as much as predicted as supply-chain bottlenecks might last longer than anticipated, according to Bloomberg reports. He also noted that the ECB will wait to decide on the renewal of its targeted longer-term refinancing operations (TLTROs), but said that the announcement will not be part of the ECB's December decisions. The ECB is still seen as announcing the end of its PEPP emergency program for March, with analysts seeing the first rate hike seen towards the start of 2023.



Greece

The Greek Prime minister said that Covid-19 vaccinations would become mandatory for Greeks over 60 years of age, with a EUR 100 fine to be imposed for unvaccinated over 60-year-olds who have not booked an appointment for their first dose by 16 January 2022. According to Reuters, roughly 520,000 people over 60 are not vaccinated. Greek authorities on Monday reiterated that there will be no additional measures for vaccinated people nor any national lockdowns, despite the emergence of the Omicron variant.

United Kingdom

Survey data show higher services-sector costs, a slight decrease in business confidence, and expectations for wage increases. According to Lloyds Bank, a record 50% of businesses plan to raise the prices of their goods and a quarter of firms expect to raise wages by 3% or more in the next 12 months. This morning the pound was trading higher (+0.4%) against the dollar and the 10-year yields (+5bps) increased.

Japan

More Japanese stocked were dropped from MSCI equity index in November. MSCI All-Country World Index (ACWI) removed 15 Japanese companies, with Japan's share falling to 5.65% from 7.35% a year ago, Bloomberg reports. This follows a net removal from of 29 Japanese names in May and 16 in November 2020. Separately, Kenta Izumi becomes the new leader of Japan's main opposition party. The previous chief of the Constitutional Democratic Party (CDP), Edano, resigned after the party lost national elections in October. Equities slipped -1%, the yen strengthened +0.6%, 10-year yields were down - 1.9bps.

Emerging Markets back to top

Asian equities declined -1.0% on net hit by worries over Omicron variant. China was flat, Hong Kong SAR (-1.6%) and Singapore (-1.6%) closed in losses. South Korea (-2.4%) underperformed. Asian currencies broadly strengthened, with the Malaysian ringgit gaining (+0.6%), followed by the South Korean won (+0.4%). Most 10-year yields fell, South Korea (-7.2 bps), Singapore (-5.1 bps). Singapore will host the headquarters of China's largest crypto exchange, Huobi Group.

Equities traded with a cautious tone across the EMEA region, with shares falling in Hungary (-0.8%) and Poland (-0.3%). Currencies were mixed. The South African rand (+0.6%) gained and the Russian ruble was little changed. The Turkish lira (-1.5%) fell with some contacts arguing that the departure of the director for markets at the central bank weighed on sentiment.

While money markets generally see significant central bank tightening continuing next year, they have pared back the amount of tightening expected in response to the Omicron news.

Table: Change	Table: Change in Central Bank Policy Rate Expected 1-yr from now											
	South Africa	Turkey	Russia	Poland	Hungary	Czech	Israel	ECB	Mexico	Romania		
Rate at Thu 25 Nov (%)	6.18	23.08	8.18	2.96	3.56	3.37	0.40	-0.45	7.50	3.94		
Rate at Tue 30 Nov (%)	5.89	22.88	7.79	2.39	3.21	3.09	0.36	-0.46	7.29	3.91		
Change (bps)	-0.28	-0.19	-0.39	-0.57	-0.35	-0.28	-0.04	-0.01	-0.21	-0.03		

Source: Bloomberg and IMF

Latin American equity markets were mixed on Monday. Colombia (+2.2%) led the gains, while Argentina and Chile saw losses (both -1.6%). Local currencies were mixed as well. The Chilean peso was the worst performer, depreciating 1.3% against the dollar, while the Mexican peso strengthened (+1.1%). 10-year government bond yields dropped 13 bps in Brazil.

EM Bond Issuance

EM corporate issuance last week decreased to \$1.6 bn, from \$7.3 bn the week before, and EM sovereign issuance declined to \$0.8 bn last week, from \$4.5 bn the week before. The year-to-date total

issuance of \$747.3 bn was almost the same as the 2020 issuance over the same period (\$741.2 bn). From a regional perspective, China was the largest EM corporate debt issuer last week, accounting for 91% (\$1.5 bn) of the total, followed by Singapore (9%, \$0.1 bn). Last week's sovereign issuance was placed entirely by Hong Kong (\$0.8 bn).

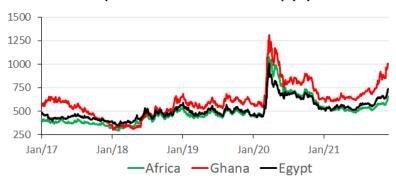
Sector	Last week	The week before	YTD
Corporate	1.6	7.3	341.4
Sovereign	8.0	4.5	196.2
Financial	0.7	3.8	148.0
Muni/Local Gov't	0.2	0.4	16.7
Supra	0.2	-	12.6
Agency	-	1.1	32.4
Total	3.5	17.0	747.3

Source: Bond Radar, Bloomberg

Africa

Spreads on U.S. dollar bonds have widened following news of the new Omicron variant. Since Thursday's close, spreads are up about 40 bps in Egypt, Ghana, and Nigeria. Spreads had been widening previously as sentiment turned more cautious on frontier markets with spreads 141 bps higher in Ghana, 80 bps in Nigeria, and 72 bps in Egypt since late October.

Africa: EMBIG spreads on U.S. dollar bonds (bps)

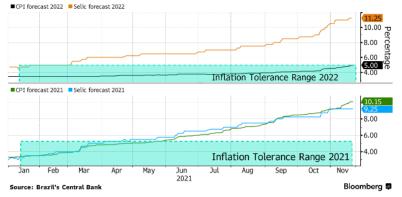


Source: Bloomberg and IMF staff

Brazil

Economists revised up their 2022 inflation expectations for the 19th week, reaching the upper limit of the target range. According to a central bank survey published on Monday, analysts expected consumer prices to end 2022 at 5.0% (vs. previous 4.96%) and cut the economic growth forecasts for 2022 to 0.58% (vs. previous 0.7%). The central bank has raised its benchmark rate by 575 bps since March. Analysts expected the central bank to deliver another rate hike next

Inflation Pressure Brazil analysts see 2022 inflation at target range ceiling

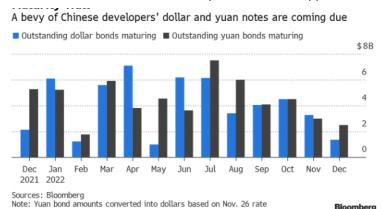


month amid rising inflations. Brazilian equity markets went up yesterday (+0.6%), and the real was little changed.

China

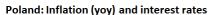
China's official PMIs surpassed expectations in November. China's manufacturing PMI climbed to 50.1 (consensus: 49.7, previous: 49.2), crossing back to expansionary territory after slipping below 50 in September. Separately, **Kaisa's \$400 mn debt swap offer approaches Thursday deadline.** The offer to swap notes maturing on December 7th with new ones due June 2023 will expire if creditor support fails to

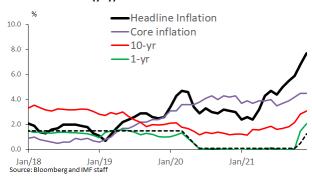
reach 95%. Kaisa is China's third-largest borrower of dollar bonds among property firms, with some \$11.6 billion outstanding, which represents more than 5% of developers' dollar debt, according to Bloomberg. Chinese developers need to repay some \$2.1 bn in offshore bonds in December and \$6.1 bn in January. Equities and were 10-year bond yields were little changed, the yuan appreciated (onshore: +0.3%, offshore: +0.2%).



Poland

10-yr rates (-18 bps to 3.01%) traded lower and the zloty (+0.2) edged higher after headline inflation accelerated to 7.7% yoy (7.3% expected) in November. Monthly inflaton was 1% mom (0.6% expected). The central bank is meeting next week and the upside surprise to inflation is prompting some analysts to reiterate calls for a rate hike. Governor Glapinski has commented previously that hikes will depend on economic developments.





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Global Financial Indicators

Last updated:	Level						
11/30/21 8:08 AM	Last 12m	Latest	1 Day	7 Days	30 Days	12 M	YTD
Equities					%		%
United States	and the same of th	4646	1.3	-1	1	28	24
Europe	- Mary - Mary	4063	-1.1	-5	-4	16	14
Japan	and who have you	27822	-1.6	-7	-6	4	1
China	wayman war	3564	0.0	-1	1	3	3
Asia Ex Japan	warman.	84	0.2	-4	-3	-2	-7
Emerging Markets	warmen of the second	49	0.4	-4	-4	0	-5
Interest Rates					points		
US 10y Yield	and the same of th	1.44	-5.8	-22	-11	60	53
Germany 10y Yield	Many Many Many	-0.34	-2.7	-12	-24	23	23
Japan 10y Yield	- Marine	0.06	-1.9	-2	-4	3	4
UK 10y Yield	and the same of th	0.81	-5.1	-19	-22	51	61
Credit Spreads					points		
US Investment Grade	mormon	117	4.1	5	31	12	22
US High Yield	and the same	383	10.4	31	67	-51	3
Europe IG	more purchase	57	8.0	5	6	8	9
Europe HY	Wash May Thomas was grand	283	3.6	22	21	18	41
Exchange Rates					%		_
USD/Majors	Maria and	95.79	-0.6	-1	2	4	7
EUR/USD		1.14	0.6	1	-2	-5	-7
USD/JPY		112.9	-0.6	-2	-1 -	8	9
EM/USD		52.3	-0.1	-2	-5 %	-7	-10
Commodities		71	-3.2		-16	49	27
Brent Crude Oil (\$/barrel)	- A			-14			37
Industrials Metals (index)	An	164	0.0	-2	-2	24	23
Agriculture (index)	Jane Carried	59	-1.4	-3	1	37	24
Implied Volatility	,				%		
VIX Index (%, change in pp)	hamment	26.5	3.6	7.4	10.3	6.0	3.8
US 10y Swaption Volatility	Low hours of hours willy	85.0	-1.9	2.6	7.0	32.3	24.9
Global FX Volatility	many horange war war	8.1	0.0	0.1	1.1	0.4	0.1
EA Sovereign Spreads			10-Ye	y (bps)			
Greece	mount	161	-0.8	8	18	40	41
 Italy	mounder	130	0.6	2	2	10	19
Portugal	manufacture of	67	0.6	1	5	7	7
Spain	way Marchagar Charles	75	0.8	1	3	9	13

Colors denote $\frac{\text{tightening}}{\text{easing}}$ 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)							
11/30/2021	Level			Chang	e (in %)			Level		Change (in basis points)					
8:12 AM	Last 12m	Latest	1 Day	7 Days	30 Days	12 M	YTD	Last 12m	Latest	1 Day	7 Days	30 Days	12 M	YTD	
		vs. USD	(+	-) = EM	appreciatio	n			% p.a.						
China	Marry Marry	6.37	0.3	0.3	0	3	2	armount.	3.0	-0.4	-5	-10	-25	-16	
Indonesia	whom	14332	-0.1	-0.5	0	-1	-2	whom	6.1	0.7	5	5	-8	22	
India	-who	75	-0.1	-1.0	0	-1	-3	- Marine	6.3	-8.0	-15	-26	101	82	
Philippines		50	0.1	0.5	0	-4	-5	and the second	4.6	5.0	5	25	175	165	
Thailand		34	0.1	-1.7	-1	-10	-11	•••	1.8	-1.5	-9	-10	38	53	
Malaysia	white the same of	4.20	0.8	-0.1	-1	-3	-4		3.6	5.1	0	-3	81	92	
Argentina		101	0.0	-0.4	-1	-19	-17	2	51.0	-8.5	36	62	-249	-513	
Brazil	LANGE MANAGEMENT AND THE PARTY OF THE PARTY	5.61	0.0	-0.3	1	-4	-7	~~~~~~	11.5	-15.9	-36	-84	292	407	
Chile	manne	842	0.1	-3.4	-4	-9	-16		5.3	0.0	6	-30	258	278	
Colombia	was a second	4032	0.1	-2.1	-7	-11	-15		6.8	0.0	2	34	270	284	
Mexico	mohuman	21.56	0.5	-1.6	-3	-6	-8		7.6	0.0	-3	-15	207	224	
Peru		4.1	-0.4	-1.3	-2	-11	-11		5.9	0.0	-4	8	199	240	
Uruguay	~~~~~	44	0.3	0.1	0	-3	-4	ممسيب	8.9	19.5	25	59	147	164	
Hungary	and the second	322	1.0	2.1	-3	-7	-8	لمرسسسر	4.0	-13.8	-52	23	248	250	
Poland	morrower	4.10	1.1	1.9	-3	-9	-9		2.8	-18.0	-38	2	166	172	
Romania	مسسسسس	4.4	0.6	1.0	-2	-6	-9	ممسسب	5.1	1.7	16	57	216	233	
Russia	wasanny	74.5	0.2	-0.1	-4	3	-1		8.7	-17.3	-58	-2	247	222	
South Africa	mmm	16.0	0.7	-1.3	-4	-4	-8	when he	7.7	-12.0	3	-18	77	110	
Turkey		13.14	-2.5	-2.4	-27	-40	-43	~~~~~	21.2	9.0	11	122	892	831	
US (DXY; 5y UST)	المسمساسية	96	-0.6	-0.8	2	4	6		1.10	-4.7	-24	-8	74	74	

		ļ	quity Ma	rkets		Bond Spreads on USD Debt (EMBIG)							
	Level			Chang	e (in %)			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	Manne	4832	-0.4	-2	-1	-5	-7	who was	200	4	5	-37	-29
Indonesia	manne	6534	-1.1	-2	0	14	9	month market of	175	20	-3	-32	-25
India	manual mark	57065	-0.3	-3	-5	28	20	myram	141	10	10	-23	-10
Philippines	wwwww	7201	0.0	-1	2	6	1	mymmymym	114	15	2	-8	2
Malaysia	m	1514	0.2	-1	-1	-6	-7	and my	116	7	-8	-30	-19
Argentina	~~~~	79095	-1.6	-8	-5	45	54	manus de la constante de la co	1866	97	168	499	510
Brazil	Mary May May	102814	0.6	-1	-1	-6	-14	www.mush	344	26	9	67	85
Chile	warmy many	4478	-0.6	-5	9	11	7	my my my my	148	16	-14	-20	-8
Colombia	money	1347	2.2	2	-3	7	-6	لمسممم	350	42	48	117	135
Mexico	Market Market Control	49796	0.6	-1	-3	19	13	mumm	368	34	20	-50	11
Peru	~~~~	20249	1.9	2	-2	2	-3	y hours and	174	21	-3	6	45
Hungary	annual manage	51131	-0.9	-1	-6	32	22	momental	132	20	13	-14	-17
Poland	Marriage Marriage	66813	0.2	-4	-9	27	17	manuful	58	14	7	30	30
Romania	- Mary Mary	12196	0.0	-3	-3	31	24	and market and	212	25	10	1	9
Russia	- Augustian	3889	0.2	-2	-6	25	18	many mary	177	12	18	-19	-2
South Africa	Mary Mary Mary Mary	70316	0.4	-1	4	23	18	manney	390	38	29	-33	6
Turkey	mm	1816	0.4	2	19	41	23	mmmm	551	60	47	45	104
Ukraine	-1-C	523	0.0	0	-1	3	5	mound	670	66	166	130	177
EM total	manny	49	-0.9	-4	-4	0	-5	mound	411	33	30	48	72

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

back to top