#### 9 - 15 MARCH

# **GLOBAL MARKET** UPDATE

# The Fed has gone all in on Sunday

Despite the positive start of the year, the economic disruption caused by the Covid-19 has most likely led to a significant weakness across multiple industries globally. Although the range of available hard data remains limited to gauge actual activity, **it is a foregone conclusion that we will probably see evidence of a weakening global economy in the first half of 2020.** 

To cushion the (expected) economic slowdown and to try ensure global financial stability, **the Federal Reserve on Sunday reduced the Fed funds rate to its zero lower bound, committed to an openended asset purchase programme** (at least USD 500bn US Treasuries and USD 200bn mortgagebacked securities) and **opened USD swap lines with five major central banks**. However, we believe that monetary policy itself is no panacea for the underlying issue brought about by the Covid-19 (as we pointed out in our GMU last week). This idea was also echoed by the Fed Chair's cautious words during his press conference on Sunday.

The trillion-dollar question is when the US administration will finally present a comprehensive fiscal plan in the amount of at least 0.5% of GDP. We are of the view that the current circumstances strongly call for fiscal policy to step up to fill the void caused by the loss in demand. In our opinion, bolstering aggregate demand would stabilise both the economy as well as financial asset prices.

#### THIS WEEK'S GLOBAL EQUITY MARKET MOVERS

# DEVELOPED

Тор 3	United States -8.79% Singapore -13.26% Switzerland -15.48%
	Switzenand -13.40%
Bottom 3	Austria -25.02% Italy -24.82%
	Norway -22.88%

#### EMERGING

Тор 3	China "A" -5.88% Pakistan -7.36% China "H" -7.76%
Bottom 3	Colombia -30.13% Poland -24.61% Greece -20.99%

#### FRONTIER

Тор 3	Lebanon -0.23% Jordan -3.02% Bangladesh -5.83%
Bottom 3	Argentina -19.78% Croatia -19.19% Romania -18.36%

### **UNITED STATES**

S&P 2,711 -8.79%, 10yr Treasury 0.78% +19.80bps, HY Credit Index 555 +164bps, Vix 57.83 +15.89Vol

Financial asset prices in the US exhibited a very high level of volatility by end of trading hours on Friday, as the global spread of the coronavirus dented investor sentiment. Major stock indices declined (e.g. the S&P 500 lost 8.8% of its value during the week). Financial markets switched to overdrive, as fear spread, certain segments of the Treasury, credit and mortgage-backed securities markets became too illiquid triggering unwarranted yield spikes, which abruptly raised the 10-vear Treasury yield by 20bp to 0.96% by the end of Friday. In order to restore the orderly functioning of the funding markets, the Federal Reserve brought forward its monetary policy decision meeting from Wednesday to Sunday and delivered an extraordinary stimulus package (including reducing interest rates to the zero lower bound, starting a large-scale asset purchase programme and opening USD swap lines with five major central banks globally).

### EUROPE

Eurostoxx 2,474 -21.57%, German Bund -0.58% +16.60bps, Xover Credit Index 610 -149bps, USDEUR .893 +2.05%

**European stock markets were hit badly during the week,** as many of the major stock indies declined by over 20% (in USD terms). The European Central Bank had a scheduled monetary policy meeting on Thursday after which Governor Lagarde provided forward guidance. Due to an unfortunate mistake the Governor made during her speech, investors did not find comfort in the ECB's policies and guidance. Later, the Governor herself and other senior ECB officials made an attempt to correct the policy error. As a result of the combination of risk-averse investor sentiment and the Governor's faux pas German sovereign yields rose (the 10-year by 17bp to -0.54% by the end of Friday), whilst periphery spreads spiked (e.g. the 10-year Italian yield increase 71bp to 1.79% by the end of Friday).

## ASIA PACIFIC

HSCEI 9,210 -7.76%, Nikkei 17,002.04 -17.69%, 10yr JGB 0.02% +0bps, USDJPY 106.410 +2.07%

Asian stock markets faced a challenging week, as the global spread of the coronavirus weighed on investor sentiment. In this environment, Chinese "A" shares (-5.9% in USD)) were one of the most resilient, followed by the Pakistani benchmark (-7.4% in USD) and the Chinese "H" shares (-7.8% in USD).

The Chinese economy weakened significantly in January and February. The fact came as no surprise; however, the magnitude is unexpected. Industrial production declined 13.5% YoY YTD in January-February. Nominal retail sales shrank 20.5% YoY YTD, whilst fixed asset investments contracted 24.5% YoY YTD in January-February. Furthermore, unemployment rate rose to 6.2% in February, up from 5.2% in December, according to the official figures published by the Chinese Statistics office.

We believe it is highly likely that the worst has already passed in China in terms of economic activity and a recovery could be underway. The pace of the recovery remains uncertain. It is reassuring that both the government and central bank have been providing help to accelerate the recovery process. Measures by the government include fee and tax cuts to ease cash flow pressures and stabilise employment.

Industrial production in India grew 2% YoY in January, improving relative to December, when industrial activity decreased 0.3% YoY. Meanwhile, **consumer price inflation moderated to 6.6% YoY in February**, slowing from 7.6% YoY in January. The deceleration is primarily driven by food prices, which decreased 2% MoM, whilst the annual rate of price growth slowed to 9.5% (as vegetable, fruit and egg price inflation moderated). Later the balance of payments statistics were released, which revealed that the **current account deficit significantly narrowed in CY4Q19, to USD 1.4bn.** 

In our opinion, the latest macroeconomic release from India suggest that the economic recovery gained further momentum in January, in line with the multi-year high PMI data. Furthermore, an improvement in the current account deficit and decelerating inflation could pave the way for a renewed interest rate cutting cycle by the RBI - should the external environment allow.

The central bank of Philippines remains upbeat on economic growth prospects for 2020. Despite the adverse impact of the coronavirus, the central bank continues to expect a real GDP growth rate north of 6%.

#### LATIN AMERICA

Latin American stock markets declined during the week, as global risk aversion further intensified due to the coronavirus. The Chilean stock index decreased to the smallest extent (-12.3% in USD) compared with its regional peers.

The Minister of Economy in Brazil announced a stimulus package to help contain the adverse impact of the coronavirus on the economy. Measures include lowering interest rates for payroll loans for retirees and a BRL 5 billion package in extra resources to the Ministry of Health. However, the government's efforts to keep fiscals account as stable as possible, whilst creating room for further future

Alquity

fiscal manoeuvre was overturned by Congress by easing the eligibility criteria for granting welfare benefits.

The government and the President still have options on how to reverse the move by Congress. However, due to the uncertainty of the outcome, the volatility of Brazilian financial asset price has increased.

The central Bank of Peru held its reference rate unchanged at 2.25%. The Monetary Policy Council's (MPC) official statement highlighted risk factors to monitor going forward, such as inflationary developments, inflation expectations, downside risks to domestic demand, etc. The statement also noted that public investment by the government increased in the first two months of the year and indicators of economic activity have showed a modest recovery, whilst business expectations deteriorated in February. The MPC emphasized that risks on global and local economic activity have deepened due to the coronavirus shock.

In our interpretation, the MPC have opened the door for interest rate cuts going forward, should the incoming macroeconomic data warrant it.

**President Duque in Colombia announced a set of economic measures to mitigate the shock from the coronavirus**. Measures specifically target the hospitality and air travel industry, including tax payment delays, changing deadlines for VAT and income tax payments in these industries. The government will open a COP 250bn (ca. USD 65mn) credit line for tourism companies.

Industrial production in Mexico decreased 1.6% YoY in January, as manufacturing activity kept weakening.

Cape Town. The latest blackouts, referred to locally as loadshedding, were triggered by breakdowns at a score of generating units, including at Koeberg nuclear plant in Cape Town. Eskom added in a statement on Twitter that the fault at Koeberg was 'on the turbine side' and that the nuclear reactor remained safe. Later, the 1Q20 business confidence indicators was released, which sank to a 21year low. The survey pointed out that loadshedding by Eskom and the economic uncertainties brought about by the coronavirus significantly dented prospects for businesses.

Nigeria's merchandise trade balance fell to a deficit of NGN 579.1bn (ca. USD 1.9bn) in 4Q19 from surpluses of NGN 1.4tn in 3Q19 and NGN 873.9bn in 4Q18. In a separate event, the Nigerian central bank released a statement, in which the monetary authority stated that 'market fundamentals do not support a devaluation of Nigeria's naira currency at this time.' The central bank added that it 'remains able and willing to meet all genuine demand for foreign exchange for legitimate transactions.'

As the country relies on crude oil sales, which make up around 90% of the country's foreign exchange earnings, the central bank did its best to reassure market players that exchange rate stability can be sustained. However, recent asset price movements reflect investors' scepticism.

Morocco's economic growth is expected to be revised downwards to near 2% in 2020 from an initial forecast of 3.5% due to drought weighing on agricultural output and fewer tourists due to the coronavirus outbreak, according to the head of Morocco's planning agency.

#### AFRICA

As global investor sentiment deteriorated and risk appetite weakened during the week, African stock indices declined. In this environment, the **Egyptian stock index** was a relative outperformer in the African region, as the Hermes stock index decreased 9.5% in USD. Other benchmarks, such as the Nigerian one (-13.9% in USD) and the South African TOP40 (-18.7% in USD) declined to a greater extent by the end of the trading week.

**Consumer price inflation in Egypt was 5.3% YoY in February,** slowing from 7.2% YoY in January. Food price inflation, which account for third of the consumer basket in Egypt, decelerated to 2.3% YoY. Meanwhile, core inflation – a gauge which filters out food and fuel prices – eased to 1.9% YoY.

Although inflationary developments would allow for rate cuts, the central bank may stay put as long as global risk appetite recovers in order to promote financial stability.

South African state power utility Eskom said that it would cut up to 4,000 megawatts (vs. the previously planned 2,000 megawatts) from the national grid after a fault at its Koeberg nuclear power station outside

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# THE WEEK A HEAD

UNITED STATES	DATE	CONSENSUS
Retail sales (Feb) MoM	Tue/17	0.1%
Industrial production (Feb) MoM	Tue/17	0.4%
Fed rate decision	Wed/18	

EUROPE	DATE	CONSENSUS
UK: wage growth (Jan) YoY	Tue/17	3.0%
Eurozone: CPI inflation (Feb) YoY	Wed/18	1.2%

ASIA PACIFIC	DATE	CONSENSUS
China: macroeconomic data releases (Feb)	Mon/16	
Pakistan: policy rate de- cision	Tue/17	12.75%
Indonesia: policy rate decision	Thu/19	4.625%
Philipinnes: policy rate decision	Thu/19	3.50%
Taiwan: policy rate deci- sion	Thu/19	1.375%

LATIN AMERICA	DATE	CONSENSUS
Chile: GDP growth (4Q19) YoY	Wed/18	-1.8%
Brazil: policy rate decision	Wed/18	4.00%

AFRICA	DATE	CONSENSUS
Nigeria: CPI inflation (Feb) YoY	Mon/16	12.3%
South Africa: CPI inflation (Feb) YoY	Wed/18	4.5%
South Africa: policy rate decision	Thu/19	6.00%

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# **GLOBAL MARKET DATA** 9 - 15 MARCH

#### Market Summary Last Calendar Week Data Return (USD) Equitie wk/3mc Name **BBG** Code Country Price 1 Week MTD YTD 1Y S&P 500 INDEX SPX Index US 2.711.02 -8.79% -8.23% -16.09% -3.47% 184% RUSSELL 2000 INDEX **RTY** Index US 1 210 14 -16.50% -18.04% -27.47% -21.91% 168% NASDAQ COMPOSITE INDEX CCMP Index US 7,874.88 -8.17% -8.08% -12.23% 3.20% 165% S&P/TSX COMPOSITE INDEX SPTSX Index Canada 13,716.33 -18.16% -18.49% -24.94% 18.22% -19.62% 220% S&P 500 CONS DISCRET IDX 609.74 813.24 176% S5COND Index -10.47% -17.55% -6.36% -7.93% -10.02% S&P 500 CONS STAPLES IDX S5CONS Index US 582.16 -2.19% 3.16% 170% S&P 500 FINANCIALS INDEX S5FINL Index US 381.20 -9.83% -13.50% -25.46% -13.31% 187% S&P 500 HEALTH CARE IDX S5HLTH Index US 1.053.92 -6.65% -2.02% -11.30% 169% S&P 500 INFO TECH INDEX S5INFT Index 1,476.91 -5.20% US -4.67% -8.33% 16.64% 178% S&P 500 ENERGY INDEX S5ENRS Index US 241.29 -24.28% -29.76% 47.14% 254% -50.27% S&P 500 ECO SECTORS IDX SPXL1 Index US 2,711.02 -8.79% -8.23% -16.09% -3 47% 184% US 188% S&P 500 INDUSTRIALS IDX S5INDU Index 528.60 -14.52% -23.12% S&P 500 MATERIALS INDEX S5MATR Index US 290.78 -13 21% -12 06% -24 64% -16 12% 155% S&P 500 REAL ESTATE IDX S5RLST Index US 218.08 -8.57% -4.22% -9.25% -1.31% 181% S&P 500 COMM SVC S5TELS Index US 157.61 -6.70% 7.96% -13.23% -0.59% 174% S&P 500 UTILITIES INDEX S5UTIL Index US 290.48 -14.269 7.45% -11.54% -1.21% 168% Euro Stoxx 50 Pr SX5E Index Europe 2.473.60 21.57% -21.77% -31.86% -24.11% 247% CAC 40 INDEX CAC Index 3,928.95 -21.45% -21.88% -32.02% 24.50% -31.11% 269% France 8,787.72 DAX INDEX DAX Index Germany 21.60% 21.79% -31.13% 21.86% 30.32% 256% Athex Composite Share Pr ASE Index Greece 551.97 -20.99% -22.82% -40.58% -24.81% 160% FTSEMIB Index 15,470.42 224% FTSE MIB INDEX -26.90% Italv -24.82% 25.06% -20.14% -19.17% -29.35% 273% AEX-Index AEX Index Netherlands 412.30 -21.99% -28.40% PSI All-Share Index GR **BVLX** Index Portugal 2.538.60 -19.73% -17.92% -21.61% -15.67% -20.56% 270% -23.95% MOEX Russia Index IMOEX Index Russia 2.267.45 -20.32% 23.70% -35.52% -15.51% 250% **IBEX 35 INDEX IBEX** Index Spain 6,348.00 -22.41% -23.45% -31.49% 29.40% 30.57% 214% OMX STOCKHOLM 30 INDEX 1,288.60 -18.04% 218% OMX Index Sweden -18.78% -25.66% -17.29% -22.32% SWISS MARKET INDEX -7.08% -21.19% SMI Index 8,119.62 -15.48% -13.56% -19.98% 246% Switzerland BIST 100 INDEX XU100 Index Turkey 91.711.67 -15.93% -11.11% -21.46% -19.36% 16.45% 78% UKX Index FTSE 100 INDEX IJК 5.122.74 2115% 33 76% 30 459 28.85% 232% S&P/ASX 200 INDEX AS51 Index Australia 5.002.00 -18.23% 232% -27.19% -21.65% -5.54% -8.76% -32 37% -8 71% DSE 30 Index DS30 Index 1.264.40 Bangladesh 185% HANG SENG CHINA ENT INDX HSCEI Index China "H" 9.210.36 -7.76% -6.09% -13.42% -14.87% -13.59% SHANGHAI SE COMPOSITE SHCOMP Index China "A" 278925 -5.88% 0.01% -5 95% -7.39% -5.33% 127% HANG SENG INDEX HSI Index НK 23,047.75 -8.13% -7.79% -14.58% -15.89% -14.75% 203% Nifty 50 NIFTY Index India 9,442.35 -9.20% 12.99% -21.27% -17.77% -18.19% 232% JAKARTA COMPOSITE INDEX 4,698.44 -12.92% -11.81% -26.06% -25.51% -22.10% 107% JCI Index Indonesia 17,002.04 NIKKEI 225 NKY Index Japan -17.69% -17.17% -25.47% -15.01% 26.32% 223% KOSPI 200 INDEX KOSPI2 Index Korea 232.97 -14.21% -10.72% -21.81% -18.45% -18.08% 201% Laos Composite Index LSXC Index 643.97 -1.89% -4.34% -10.95% -23.92% -10.83% 114% Laos FTSE Bursa Malaysia KLCI FBMKLCI index Malaysia 1,287.86 -11.59% -10.63% -19.08% -23.20% -15.36% 192% KSE-100 INDEX KSE100 Index Pakistan 33.911.24 -7.36% -6.74% -12.76% -17.75% -11.47% 141% PSEI - PHILIPPINE SE IDX PCOMP Index -14.53% 162% 5.335.37 -26.18% -22.81% 25.86% Philippines STRAITS TIMES INDEX STI FSSTI Index -13.26% -21.02% -18.27% 188% Singapore 2.516.51 -22.28% SRI LANKA COLOMBO ALL SH CSEALL Index Sri Lanka 4.874.73 -10.68% -14.55% -22.38% -16 67% -20.47% 149% TAIWAN TAIEX INDEX TWSE Index Taiwan 9,717.77 10.99% -9.93% -16.28% 0.38% -15.57% 169% STOCK EXCH OF THAI INDEX SET Index Thailand 1,058.70 -18.14% -16.68% 32.80% -31.15% -28.54% 168% HO CHI MINH STOCK INDEX VNINDEX Index 747.86 158% Vietnam 14.58% 20.88% 24.529 -26.50% DFM GENERAL INDEX DFMGI Index Dubai 1,906.60 -17.41% -21.54% -26.50% -21.06% 180% S&P MERVAL TR ARS MERVAL Index Argentina 28.447.97 -19.78% -19.56% 45.03% -3173% 165% S&P/CLX IPSA (CLP) TR Chile 3,763.57 -12.25% -10.90% -43.03% -19.41% IPSA Index -27.65% 135% COLOMBIA COLCAP INDEX COLCAP Index Colombia 1.174.31 30.13% -33.48% 42.17% 41.63% S&P/BMV IPC 38,085.05 -15.21% -16.91% -24.62% 19 54% -12.53% 157% MEXBOL Index Mexico **BVPSBVPS** Index 449.31 2.18% Bolsa de Panama General Panama -2.07% -2.03% -1.19% -1.19% 8% S&P/BVLPeruGeneralTRPEN SPBLPGPT Index Peru 15 947 92 -14 32% -14 93% -27 27% 28 51% -22 31% 102% HERMES Index EGYPT HERMES INDEX 889.24 -9.45% -12.33% -18.39% -21.95% -20.17% 159% Egypt GSE Composite Index GGSECI Index Ghana 2,185.81 -1.51% 3.34% -0.52% -8.38% 3.16% 14% -27.81% Nairobi SE 20 Share KNSMIDX Index 2,124.78 -11.57% -10.60% -21.08% 19.95% 196% Kenya MOSENEW Index 133% MASI Free Float Index 10,524.05 -9.41% -13.95% 4.24% -13.54% Morocco -14.10% NIGERIA STCK EXC ALL SHR -13.92% NGSEINDX Index Nigeria 22.734.07 -13.84% -16.00% 28.34% -15.30% 218% FTSE/JSE AFRICA TOP40 IX TOP40 Index South Africa 36,427.48 -18.68% -16.74% 33.29% 28.87% 22.32% 186% Average 13.72% -13.69% 22.02% -17 87% 180% Top 25% -8.79% -8.19% -14.42% -8.13% -15.36% 218% Bottom 25%

-18.29%

-18.09%

-27.52%

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-26.50%

24.59%

160%

# GLOBAL MARKET DATA 9 - 15 MARCH

FX (v	s USD)			Return +ive=	USD Stronger	
Name	BBG Code	Price	1 Week	MTD	YTD	1Y
DOLLAR INDEX SPOT	DXY Index	97.79	2.92%	0.63%	2.45%	2.03%
USD-EUR X-RATE	USDEUR Curncy	0.89	2.05%	-0.72%	1.34%	1.98%
Russian Ruble SPOT (TOM)	USDRUB Curncy	74.58	6.90%	9.01%	17.85%	11.55%
USD-TRY X-RATE	USDTRY Curncy	6.36	3.75%	1.47%	6.38%	15.74%
USD-GBP X-RATE		0.81	5.29%	3.34%	7.43%	7.36%
Bloomberg JPMorgan Asia Dollar USD-AUD X-RATE	ADXY Index USDAUD Curncy	102.43 1.62	-1.07% 7.51%	-0.57% 5.20%	-2.14%	-3.13% 14.43%
USD-CNY X-RATE	USDCNY Curney	7.00	1.09%	0.24%	0.65%	4.25%
USD-INR X-RATE	USDINR Curncy	74.31	-0.24%	2.14%	3.92%	6.72%
USD-JPY X-RATE	USDJPY Curncy	106.41	2.07%	-0.46%	-0.85%	-3.65%
USD-KRW X-RATE	USDKRW Curncy	1,224.67	1.97%	0.57%	4.97%	6.68%
USD-TWD X-RATE	USDTWD Curncy	30.19	0.51%	-0.41%	0.84%	-2.50%
USD-ARS X-RATE	USDARS Curncy	62.89	0.68%	1.12%	5.08%	54.34%
USD-BRL X-RATE	USDBRL Curncy	4.86	3.20%	6.55%	18.91%	24.25%
USD-CLP X-RATE	USDCLP Curncy	842.00	1.41%	2.46%	11.29%	24.62%
USD-MXN X-RATE	USDMXN Curncy	22.31	8.52%	10.91%	16.04%	13.29%
USD-EGP X-RATE	USDEGP Curncy	15.78	0.38%	0.42%	-2.20%	-9.83%
USD-NGN X-RATE USD-ZAR X-RATE	USDNGN Curncy USDZAR Curncy	367.74 16.57	0.50% 3.82%	0.65%	0.83%	1.64% 12.15%
	odities	10.57	3.0270		(USD)	12.1376
WTI CRUDE FUTURE Apr20	CLA Comdty	30.68	-23.13%	-29.11%	-47.48%	-46.45%
BRENT CRUDE FUTR May20	COA Comdty	32.13	-25.23%	-31.85%	-47.67%	-48.42%
Baltic Dry Index	BDIY Comdty	631.00	2.27%	17.94%	-42.11%	-6.79%
Natural Gas Futures	NG1 Comdty	1.85	9.43%	10.99%	-14.62%	-34.54%
Gold Spot \$/Oz	XAU Curncy	1,532.48	-8.62%	-3.88%	-0.03%	17.48%
Silver Spot \$/Oz	XAG Curncy	14.08	-15.49%	-12.84%	-19.06%	-4.24%
LME COPPER 3MO (\$)	LMCADS03 Comdty	5,460.00	-2.62%	-3.11%	-11.56%	-14.74%
	Bond Yields %			Change (perce		
US Generic Govt 2 Yr	USGG2YR Index	0.32	-0.02	-0.42	-1.08	-1.97
US Generic Govt 5 Yr	USGG5YR Index	0.50	0.11	-0.22	-0.97	-1.71
US Generic Govt 10 Yr Canadian Govt Bonds 10 Year No	USGG10YR Index GCAN10YR Index	0.78 0.85	0.20	-0.19 -0.28	-0.96 -0.85	-1.67 -0.91
Mexico Generic 10 Year	GMXN10YR Index	7.69	1.30	0.82	0.78	-0.38
UK Gilts 10 Yr	GUKG10 Index	0.38	0.18	-0.03	-0.41	-0.81
Switzerland Govt Bonds 10 Year	GSWISS10 Index	-0.50	0.33	0.30	-0.05	-0.22
GERMANY GOVT BND 2 YR BKO	GDBR2 Index	-0.89	-0.01	-0.10	-0.27	-0.33
GERMANY GOVT BND 5 YR OBL	GDBR5 Index	-0.77	0.12	0.02	-0.27	-0.40
GERMANY GOVT BND 10 YR DBR	GDBR10 Index	-0.58	0.17	0.06	-0.36	-0.63
French Generic Govt 10Y Yield	GTFRF10Y Govt	0.09	0.36	0.30	-0.11	-0.46
Greece Generic Govt 10Y Yield	GTGRD10Y Govt	2.19	0.70	0.79	0.66	-1.72
Italy Generic Govt 10Y Yield	GBTPGR10 Index	1.95	0.71	0.68	0.37	-0.72
Spain Generic Govt 10Y Yield	GSPG10YR Index	0.73	0.41	0.34	0.15	-0.57
Portugal Generic Govt 10Y Yield	GSPT10YR Index	0.93	0.52	0.47	0.38	-0.51
Australia Govt 10 Yr	GACGB10 Index	0.91 6.14	0.30	0.16 -0.05	-0.39 -0.23	-0.99 -1.04
India Govt Bond Generic Bid Yi KCMP South Korea Treasury Bond	GIND10YR Index GVSK10YR Index	1.62	0.14	0.29	-0.23	-0.36
Japan Govt 10 Yr	GJGB10 Index	0.02	0.18		0.07	0.10
South Africa Govt Bonds 10 Yea	GSABIOYR Index					
		0.55		0.21	0.96	0.69
	Credit Indices	10.33	0.95	0.21 0.87 Change (Bps) +	0.96 ive = Widenin	0.69
MARKIT ITRX EUR XOVER 12/24	ITRXEXE CBIL Curncy	609.74	0.95	0.87		
MARKIT ITRX EUR XOVER 12/24 MARKIT ITRX EUROPE 12/24			0.95	0.87 Change (Bps) +	ive = Widenin	9
MARKIT ITRX EUR XOVER 12/24 MARKIT ITRX EUROPE 12/24 MARKIT ITRX EUR SNR FIN 12/24	ITRXEXE CBIL Curncy ITRXEBE CBIL Curncy ITRXESE CBIL Curncy	609.74 126.10 149.17	0.95 148.68 29.99 36.29	0.87 Change (Bps) + 230.23 45.54 54.22	ive = Widenin 322.42 65.74 76.72	258.13 49.75 56.96
MARKIT ITRX EUR XOVER 12/24 MARKIT ITRX EUROPE 12/24 MARKIT ITRX EUR SNR FIN 12/24 MARKIT ITRX EUR SUB FIN 12/24	ITRXEXE CBIL Curncy ITRXEBE CBIL Curncy ITRXESE CBIL Curncy ITRXEUE CBIL Curncy	609.74 126.10 149.17 320.70	0.95 148.68 29.99 36.29 90.79	0.87 Change (Bps) + 230.23 45.54 54.22 120.38	ive = Widenin 322.42 65.74 76.72 162.36	258.13 49.75 56.96 131.04
MARKIT ITRX EUR XOVER 12/24 MARKIT ITRX EUROPE 12/24 MARKIT ITRX EUR SNR FIN 12/24 MARKIT ITRX EUR SUB FIN 12/24 MARKIT CDX.NA.IG.33 12/24	ITRXEXE CBIL Curncy ITRXEBE CBIL Curncy ITRXESE CBIL Curncy ITRXEUE CBIL Curncy IBOXUMAE CBIL Curncy	609.74 126.10 149.17 320.70 106.97	0.95 148.68 29.99 36.29 90.79 36.70	0.87 Change (Bps) + 230.23 45.54 54.22 120.38 52.84	ive = Widenin 322.42 65.74 76.72 162.36 74.55	258.13 49.75 56.96 131.04 61.36
MARKIT ITRX EUR XOVER 12/24 MARKIT ITRX EUROPE 12/24 MARKIT ITRX EUR SNR FIN 12/24 MARKIT ITRX EUR SUB FIN 12/24 MARKIT CDX.NA.IG.33 12/24 MARKIT CDX.NA.HY.33 12/24*	ITRXEXE CBIL Curncy ITRXEBE CBIL Curncy ITRXESE CBIL Curncy ITRXEUE CBIL Curncy IBOXUMAE CBIL Curncy IBOXHYSE CBIL Curncy	609.74 126.10 149.17 320.70	0.95 148.68 29.99 36.29 90.79 36.70 163.78	0.87 Change (Bps) + 230.23 45.54 54.22 120.38 52.84 231.81	ive = Widenin 322.42 65.74 76.72 162.36 74.55 331.18	258.13 49.75 56.96 131.04 61.36 268.36
MARKIT ITRX EUR XOVER 12/24 MARKIT ITRX EUROPE 12/24 MARKIT ITRX EUR SNR FIN 12/24 MARKIT ITRX EUR SUB FIN 12/24 MARKIT CDX.NA.IG.33 12/24 MARKIT CDX.NA.IY.33 12/24*	ITRXEXE CBIL Curncy ITRXEBE CBIL Curncy ITRXESE CBIL Curncy ITRXEUE CBIL Curncy IBOXUMAE CBIL Curncy IBOXHYSE CBIL Curncy ty (Equity Index)	609.74 126.10 149.17 320.70 106.97 554.66	0.95 148.68 29.99 36.29 90.79 36.70 163.78 <b>Change (</b>	0.87 Change (Bps) + 230.23 45.54 54.22 120.38 52.84 231.81 Volatility Points	ive = Widenin 322.42 65.74 76.72 162.36 74.55 331.18 5) +ive = Volat	258.13 49.75 56.96 131.04 61.36 268.36 ility Rising
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MARKIT ITRX EUR XOVER 12/24 MARKIT ITRX EUROPE 12/24 MARKIT ITRX EUR SNR FIN 12/24 MARKIT ITRX EUR SUB FIN 12/24 MARKIT CDX.NA.IG.33 12/24 MARKIT CDX.NA.HY.33 12/24* Implied Volatili Eurostoxx 3month ATM FTSE 100 500 3month ATM	ITRXEXE CBIL Curncy ITRXEBE CBIL Curncy ITRXESE CBIL Curncy ITRXEUE CBIL Curncy IBOXUMAE CBIL Curncy IBOXHYSE CBIL Curncy <b>ty (Equity Index)</b> SX5E Index UKX Index	609.74 126.10 149.17 320.70 106.97 554.66 51.17 50.66	0.95 148.68 29.99 36.29 90.79 36.70 163.78 <b>Change (</b> 20.95 21.17	0.87 Change (Bps) + 230.23 45.54 54.22 120.38 52.84 231.81 Volatility Points 24.63 24.93	ive = Widenin 322.42 65.74 76.72 162.36 74.55 331.18 5) +ive = Volat 38.53 39.11	258.13 49.75 56.96 131.04 61.36 268.36 <b>268.36</b> <b>38.49</b> 37.89
MARKIT ITRX EUR XOVER 12/24 MARKIT ITRX EUROPE 12/24 MARKIT ITRX EUR SNR FIN 12/24 MARKIT ITRX EUR SUB FIN 12/24 MARKIT CDX.NA.IG.33 12/24 MARKIT CDX.NA.HY.33 12/24* Implied Volatili Eurostoxx 3month ATM FTSE 100 500 3month ATM Hang Seng 3month ATM	ITRXEXE CBIL Curncy ITRXEBE CBIL Curncy ITRXESE CBIL Curncy ITRXEUE CBIL Curncy IBOXUMAE CBIL Curncy IBOXHYSE CBIL Curncy <b>ty (Equity Index)</b> SX5E Index UKX Index HSI Index	609.74 126.10 149.17 320.70 106.97 554.66 51.17 50.66 41.29	0.95 148.68 29.99 36.29 90.79 36.70 163.78 Change ( 20.95 21.17 20.18	0.87 Change (Bps) + 230.23 45.54 54.22 120.38 52.84 231.81 Volatility Points 24.63 24.93 17.07	ive = Widenin 322.42 65.74 76.72 162.36 74.55 331.18 c) +ive = Volat 38.53 39.11 25.47	258.13 49.75 56.96 131.04 61.36 268.36 <b>ility Rising</b> 38.49 37.89 25.37
MARKIT ITRX EUR XOVER 12/24 MARKIT ITRX EUROPE 12/24 MARKIT ITRX EUR SNR FIN 12/24 MARKIT ITRX EUR SUB FIN 12/24 MARKIT CDX.NA.IG.33 12/24 MARKIT CDX.NA.HY.33 12/24* Implied Volatili Eurostoxx 3month ATM FTSE 100 500 3month ATM Hang Seng 3month ATM Nikkei 3month ATM	ITRXEXE CBIL Curncy ITRXEBE CBIL Curncy ITRXESE CBIL Curncy IBOXUMAE CBIL Curncy IBOXHYSE CBIL Curncy IBOXHA IBOXH	609.74 126.10 149.17 320.70 106.97 554.66 51.17 50.66 41.29 54.12	0.95 148.68 29.99 36.29 90.79 36.70 163.78 Change ( 20.95 21.17 20.18 27.39	0.87 Change (Bps) + 230.23 45.54 54.22 120.38 52.84 231.81 Volatility Points 24.63 24.93 17.07 23.16	ive = Widenin 322.42 65.74 76.72 162.36 74.55 331.18 5) +ive = Volat 38.53 39.11 25.47 40.38	258.13 49.75 56.96 131.04 61.36 268.36 <b>ility Rising</b> 38.49 37.89 25.37 38.61
MARKIT ITRX EUR XOVER 12/24 MARKIT ITRX EUROPE 12/24 MARKIT ITRX EUR SNR FIN 12/24 MARKIT ITRX EUR SUB FIN 12/24 MARKIT CDX.NA.IG.33 12/24 MARKIT CDX.NA.HY.33 12/24* Implied Volatili Eurostoxx 3month ATM FTSE 100 500 3month ATM Hang Seng 3month ATM	ITRXEXE CBIL Curncy ITRXEBE CBIL Curncy ITRXESE CBIL Curncy ITRXEUE CBIL Curncy IBOXUMAE CBIL Curncy IBOXHYSE CBIL Curncy <b>ty (Equity Index)</b> SX5E Index UKX Index HSI Index	609.74 126.10 149.17 320.70 106.97 554.66 51.17 50.66 41.29	0.95 148.68 29.99 36.29 90.79 36.70 163.78 Change ( 20.95 21.17 20.18	0.87 Change (Bps) + 230.23 45.54 54.22 120.38 52.84 231.81 Volatility Points 24.63 24.93 17.07	ive = Widenin 322.42 65.74 76.72 162.36 74.55 331.18 c) +ive = Volat 38.53 39.11 25.47	258.13 49.75 56.96 131.04 61.36 268.36 <b>ility Rising</b> 38.49 37.89 25.37
MARKIT ITRX EUR XOVER 12/24 MARKIT ITRX EUROPE 12/24 MARKIT ITRX EUR SNR FIN 12/24 MARKIT ITRX EUR SUB FIN 12/24 MARKIT CDX.NA.IG.33 12/24 MARKIT CDX.NA.IY.33 12/24* Implied Volatili Eurostoxx 3month ATM FTSE 100 500 3month ATM Hang Seng 3month ATM Nikkei 3month ATM S&P 500 3month ATM Volatility (VIX)	ITRXEXE CBIL Curncy ITRXEBE CBIL Curncy ITRXESE CBIL Curncy ITRXEUE CBIL Curncy IBOXUMAE CBIL Curncy IBOXHYSE CBIL Curncy IBOXHYSE CBIL Curncy <b>ty (Equity Index)</b> SX5E Index UKX Index HSI Index NKY Index SPX Index	609.74 126.10 149.17 320.70 106.97 554.66 51.17 50.66 41.29 54.12 43.52	0.95 148.68 29.99 36.29 90.79 36.70 163.78 <b>Change (</b> 20.95 21.17 20.18 27.39 11.77	0.87 Change (Bps) + 230.23 45.54 54.22 120.38 52.84 231.81 Volatility Point: 24.63 24.93 17.07 23.16 16.48	ive = Widenin 322.42 65.74 76.72 162.36 74.55 331.18 <b>5 +ive = Volat</b> 38.53 39.11 25.47 40.38 30.56 44.05	258.13 49.75 56.96 131.04 61.36 268.36 268.36 38.49 37.89 25.37 38.61 31.05
MARKIT ITRX EUR XOVER 12/24 MARKIT ITRX EUROPE 12/24 MARKIT ITRX EUR SNR FIN 12/24 MARKIT ITRX EUR SUB FIN 12/24 MARKIT CDX.NA.IG.33 12/24 MARKIT CDX.NA.IY.33 12/24* Implied Volatili Eurostoxx 3month ATM FTSE 100 500 3month ATM Hang Seng 3month ATM Nikkei 3month ATM S&P 500 3month ATM Volatility (VIX)	ITRXEXE CBIL Curncy ITRXEBE CBIL Curncy ITRXESE CBIL Curncy ITRXEUE CBIL Curncy IBOXUMAE CBIL Curncy IBOXHYSE CBIL Curncy <b>ty (Equity Index)</b> SX5E Index UKX Index HSI Index NKY Index SPX Index VIX Index	609.74 126.10 149.17 320.70 106.97 554.66 51.17 50.66 41.29 54.12 43.52	0.95 148.68 29.99 36.29 90.79 36.70 163.78 <b>Change (</b> 20.95 21.17 20.18 27.39 11.77	0.87 Change (Bps) + 230.23 45.54 54.22 120.38 52.84 231.81 Volatility Point: 24.63 24.93 17.07 23.16 16.48 17.72	ive = Widenin 322.42 65.74 76.72 162.36 74.55 331.18 <b>5 +ive = Volat</b> 38.53 39.11 25.47 40.38 30.56 44.05	258.13 49.75 56.96 131.04 61.36 268.36 268.36 38.49 37.89 25.37 38.61 31.05
MARKIT ITRX EUR XOVER 12/24 MARKIT ITRX EUROPE 12/24 MARKIT ITRX EUR SNR FIN 12/24 MARKIT ITRX EUR SUB FIN 12/24 MARKIT CDX.NA.IG.33 12/24 MARKIT CDX.NA.HY.33 12/24* Implied Volatili Eurostoxx 3month ATM FTSE 100 500 3month ATM Hang Seng 3month ATM Nikkei 3month ATM S&P 500 3month ATM Volatility (VIX) Inflation (Long term inflation)	ITRXEXE CBIL Curncy ITRXEBE CBIL Curncy ITRXESE CBIL Curncy ITRXEUE CBIL Curncy IBOXUMAE CBIL Curncy IBOXHYSE CBIL Curncy <b>ty (Equity Index)</b> SX5E Index UKX Index HSI Index NKY Index SPX Index VIX Index	609.74 126.10 149.17 320.70 106.97 554.66 51.17 50.66 41.29 54.12 43.52 57.83	0.95 148.68 29.99 36.29 90.79 36.70 163.78 <b>Change (</b> 20.95 21.17 20.18 27.39 11.77 15.89	0.87 Change (Bps) + 230.23 45.54 54.22 120.38 52.84 231.81 Volatility Point: 24.63 24.93 17.07 23.16 16.48 17.72 Change (percent) -0.55 -0.06	ive = Widenin 322.42 65.74 76.72 162.36 74.55 331.18 3+ive = Volat 38.53 39.11 25.47 40.38 30.56 44.05 entage points)	258.13 49.75 56.96 131.04 61.36 268.36 <b>lilty Rising</b> 38.49 37.89 25.37 38.61 31.05 44.33 -0.94 -0.21
MARKIT ITRX EUR XOVER 12/24 MARKIT ITRX EUROPE 12/24 MARKIT ITRX EUR SNR FIN 12/24 MARKIT ITRX EUR SUB FIN 12/24 MARKIT CDX.NA.IG.33 12/24 MARKIT CDX.NA.IHY.33 12/24* <b>Implied Volatili</b> Eurostoxx 3month ATM FTSE 100 500 3month ATM Hang Seng 3month ATM Nikkei 3month ATM S&P 500 3month ATM Volatility (VIX) <b>Inflation (Long term infla</b> US 5Y5YF Inflation Swap UK 5Y5YF Inflation Swap	ITRXEXE CBIL Curncy ITRXEBE CBIL Curncy ITRXESE CBIL Curncy ITRXEUE CBIL Curncy IBOXUMAE CBIL Curncy IBOXHYSE CBIL Curncy <b>ty (Equity Index)</b> SX5E Index UKX Index HSI Index NKY Index SPX Index VIX Index	609.74 126.10 149.17 320.70 106.97 554.66 51.17 50.66 41.29 54.12 43.52 57.83 1.51 3.39 -0.41	0.95 148.68 29.99 36.29 90.79 36.70 163.78 Change ( 20.95 21.17 20.18 27.39 11.77 15.89 -0.36 -0.03 -0.13	0.87 Change (Bps) + 230.23 45.54 54.22 120.38 52.84 231.81 Volatility Point: 24.63 24.93 17.07 23.16 16.48 17.72 Change (perce -0.55	ive = Widenin 322.42 65.74 65.74 162.36 74.55 331.18 s) +ive = Volat 38.53 39.11 25.47 40.38 30.56 44.05 entage points) -0.77 -0.13 -0.38	258.13 49.75 56.96 131.04 61.36 268.36 <b>(lity Rising</b> 38.49 37.89 25.37 38.61 31.05 44.33 -0.94
MARKIT ITRX EUR XOVER 12/24 MARKIT ITRX EUROPE 12/24 MARKIT ITRX EUR SNR FIN 12/24 MARKIT ITRX EUR SUB FIN 12/24 MARKIT CDX.NA.IG.33 12/24 MARKIT CDX.NA.IG.33 12/24* Implied Volatili Eurostoxx 3month ATM FTSE 100 500 3month ATM Hang Seng 3month ATM Nikkei 3month ATM Nikkei 3month ATM S&P 500 3month ATM Volatility (VIX) Inflation (Long term infla US 5Y5YF Inflation Swap UK 5Y5YF Inflation Swap EUR 5Y5YF Inflation Swap	ITRXEXE CBIL Curncy ITRXEBE CBIL Curncy ITRXEBE CBIL Curncy ITRXEUE CBIL Curncy IBOXUMAE CBIL Curncy IBOXHYSE CBIL	609.74 126.10 149.17 320.70 106.97 554.66 51.17 50.66 41.29 54.12 43.52 57.83 1.51 3.39 -0.41 0.90	0.95 148.68 29.99 36.29 90.79 36.70 163.78 Change ( 20.95 21.17 20.18 27.39 11.77 15.89 -0.36 -0.03	0.87 Change (Bps) + 230.23 45.54 54.22 120.38 52.84 231.81 Volatility Point: 24.63 24.93 17.07 23.16 16.48 17.72 Change (percent) -0.55 -0.06	ive = Widenin 322.42 65.74 76.72 162.36 74.55 331.18 3 +ive = Volat 38.53 39.11 25.47 40.38 30.56 44.05 entage points) -0.77 -0.13	258.13 49.75 56.96 131.04 61.36 268.36 <b>lilty Rising</b> 38.49 37.89 25.37 38.61 31.05 44.33 -0.94 -0.21
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