

Summary

- **Equities:** Globally, stocks are lower. In Europe, declines have been recorded by the CAC 40 (-0.6%), STOXX 600 (-0.6%), DAX (-0.4%) and FTSE 250 (-0.3%). In Asia, the Hang Seng (-1.3%), KOSPI (-1.0%), CSI 300 (-0.9%), TOPIX (-0.9%) and S&P / ASX 200 (-0.1%) were all down on close. In the US, futures for the S&P 500 and the Dow Jones Industrial Average are -0.4% and -0.5%.
- **VIX:** After declining -10% over Monday, the CBOE market volatility index has since increased +4.9% this morning to 19.8, albeit remaining just below its long term average (LTA) of 19.9. Meanwhile, the Euro Stoxx 50 volatility index is lower, down -1.3% to 17.5, remaining below its LTA of 23.9. The Euro Stoxx VIX is currently at its lowest level since January 2020.
- **Bonds:** The US 10-year treasury yield has compressed -6bps this morning to 1.64%, while both the UK 10-year gilt yield and German 10-year bund yield are -3bps lower at 0.78% and -0.34%.
- **European Bond Buying:** The European Central Bank (ECB) bought €21.1bn of bonds under its pandemic emergency purchase programme (Pepp) over the week to March 17th, higher than the €14bn purchased in the week prior and above the €18bn weekly average since the programme started in 2020.
- **Currency:** Sterling has depreciated to \$1.38, while the euro is currently \$1.19. Hedging benefits into the UK and Eurozone are currently 0.55% and 1.74%, respectively on a five year basis.
- **Oil:** Brent Crude and the West Texas Intermediate (WTI) are both -3.5% lower this morning, at \$62.34 and \$59.39, respectively. This is both Brent Crude and the WTI's lowest level in over a month.
- **Baltic Dry:** The Baltic Dry increased for the sixth consecutive session on Monday, up +1.7% to 2319, a more than one year high. Panamax rates pushed prices higher, increasing +2.8% to their strongest level in a decade.
- **UK Unemployment:** In the three months to January 2021, unemployment was 5.0%, compared to 5.1% in the three months to December and expectations of 5.2%. However, this level is +0.1% higher than the previous quarter and +1.1% above the unemployment rate in the year prior.

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Economic Dashboard



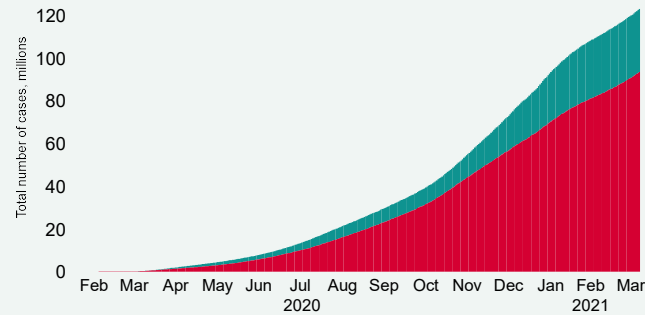
23 March 2021

Internal and key client use only

COVID-19

Cumulative number of global cases

■ World excl US ■ US

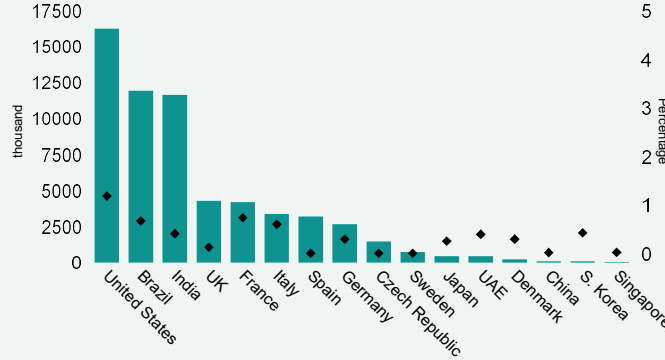


Source: Knight Frank, Macrobond. Last modified: 22 March 2021 12:08 GMT.

The number of total confirmed cases reached 123.0 million on the 22 March, an increase of 468k new cases over the day prior.

Cumulative number of cases by country

■ Number of total cases, lhs ◆ Last day change, rhs

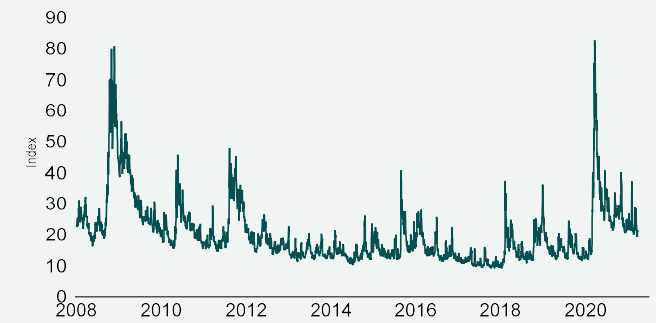


Source: Knight Frank, Macrobond.

The chart presents the number of cumulative cases (left axis) and the percentage change of new cases against the day before (right axis).

Volatility Index

—US, S&P 500 Volatility Index (VIX)



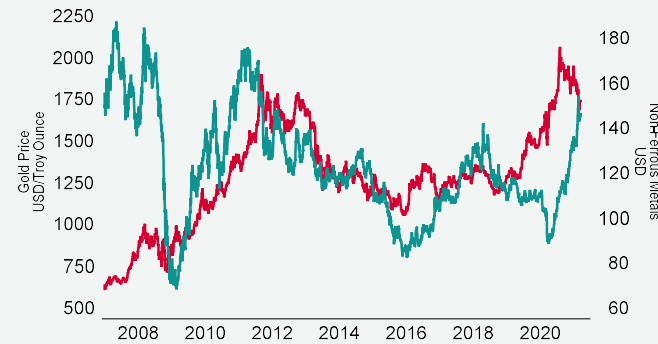
Source: Knight Frank, Macrobond. Last modified: 19 March 2021 21:53 GMT.

The CBOE VIX (colloquially known as the Investor fear gauge) is an indication of near term S&P 500 stock price volatility based on underlying options.

Commodities

Gold and non-ferrous metals price, USD

—Gold, USD, lhs —Non-Ferrous Metals Index, USD, rhs

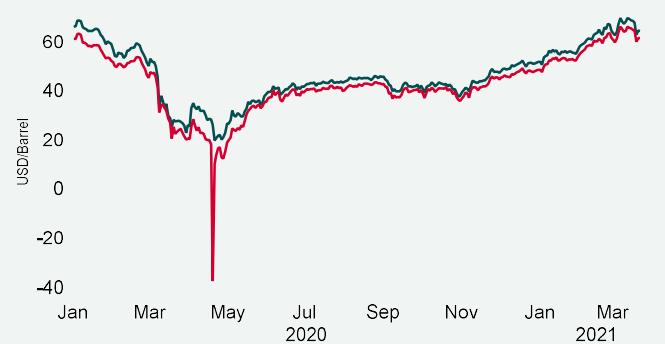


Source: Knight Frank, Macrobond. Last modified: 22 March 2021 23:00 GMT.

	19 Mar	D/D (%)	YTD (%)
Gold, USD	1740	0.2	-8.3
Non-Ferrous Metals, USD	146	-0.3	12.2

Brent Crude and West Texas Intermediate oil price

—Brent Crude —West Texas Intermediate (WTI)

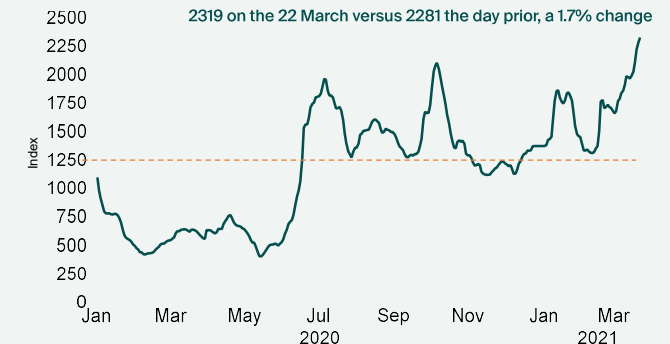


Source: Knight Frank, Macrobond. Last modified: 22 March 2021 22:10 GMT.

Brent crude monitors the level of demand for raw materials and is a measure of economic activity. Lately also influenced by Saudi-Russia price war.

Baltic Dry Index (BDI)

—World, Baltic Exchange, Shipping, Dry Index (BDI), USD



Source: Knight Frank, Macrobond. Last modified: 22 March 2021 13:00 GMT.

Baltic Dry Index is a measure of what it costs to ship raw materials and is a leading indicator of global demand. A lower value means lower demand.

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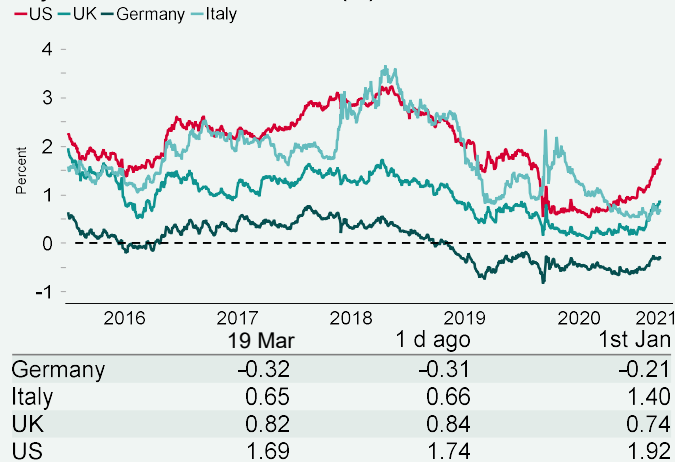


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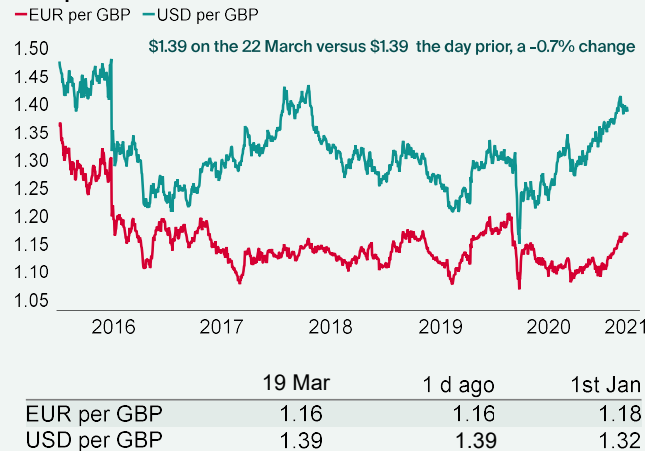
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Bonds and currencies

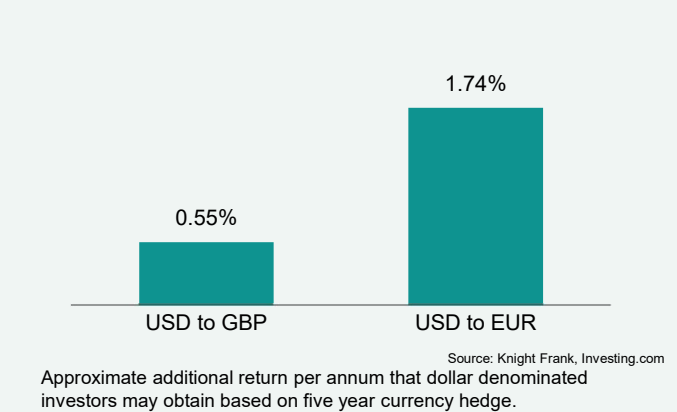
10y Government Bond Yield (%)



FX Spot Rates

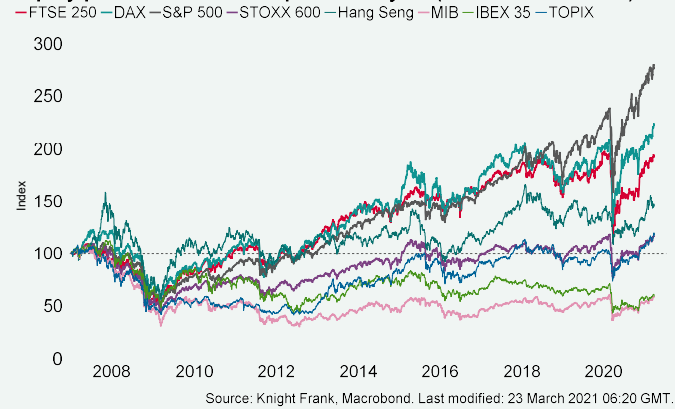


Currency hedging benefit p.a. based on a five year forward

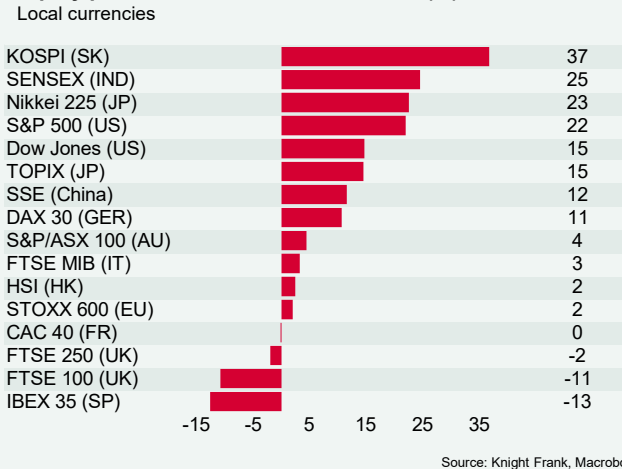


Equity and REIT

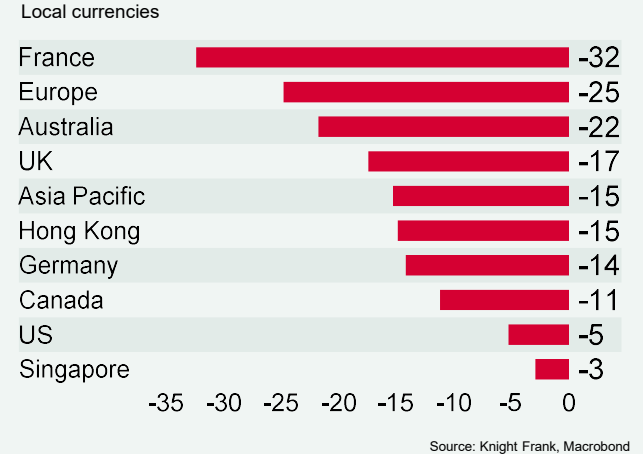
Equity performance: since previous cycle (1st Jan 2007 = 100)



Equity performance: since 1st Jan 2020 (%)



REIT performance: since 1st Jan 2020 (%)



The chart presents the performance of selected equity indexes since the months prior to the global financial crisis (2007).

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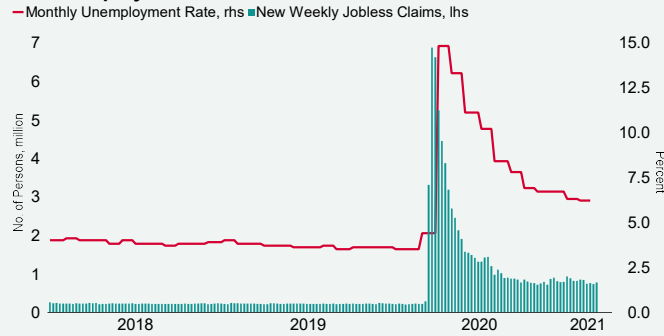


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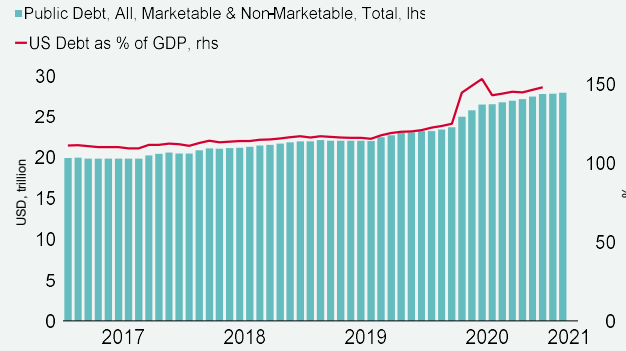
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US unemployment

US Unemployment



US Public Debt



The chart presents the number of Americans that each week file for unemployment benefits (left axis) and the overall monthly unemployment rate (right axis)

The chart presents the amount of American government debt (left axis) compared to debt as a percentage of total US GDP (right axis).

Fiscal policy

Fiscal measures details

UK	£330bn+ : Government backed loans and guarantees equivalent to 15% of UK GDP. SMEs given access to cash grants. Support for furloughed employees of 80% salary ≤£2,500 per month. Furlough scheme extended until October 2020 with employers sharing the cost from August. Taxable grant for self-employed <£50k trading profit, worth 80% of monthly profits up to £2.5k, paid as a lump sum.
USA	\$3.0tn : 2 nd package passed 23 rd April, worth \$483 billion, increasing US stimulus to \$3 trillion (15% GDP).
EU	€1.35tn : This includes €240bn to the European Stability Mechanism, and €200bn in EIB guarantees. On 4 th June, the ECB extended the pandemic purchase programme (PEPP) until June 2021, purchasing an additional €600bn in bonds, taking total stimulus to €1.35tn. €750bn : a new recovery package for EU member states announced in July including €390bn in grants and €360 in interest free loans.
Germany	€880bn : The emergency aid measure approved on Monday 23 rd of March. In June an additional €130bn fiscal stimulus programme including VAT rate cut to 16% from 19% and one off 'children's bonus' payment.
Italy	€400bn : The stimulus announced on the 7 th April €25bn : Emergency package to support businesses and families.
France	€100bn : The stimulus announced on the 3 rd September €45bn : The aid package for SMEs and other hard-hit sectors announced by the French government on 17 th of March. Includes deferred corporate tax, social security charges and two months state payments to laid off workers. €300bn : government backed loans.
Spain	€200bn : the aid package includes government loan guarantees to ensure liquidity for SMEs (the government said it would provide businesses with "all the liquidity they need"), other government commitments and private money.
Japan	\$2.2tn : Further stimulus announced in late May added \$1.1 trillion to the country's stimulus package, bringing total stimulus to \$2.18 trillion or 40% of GDP.
Hong Kong	HK\$10k for every adult citizen (c.£7bn).

Source: Knight Frank, various sources

Monetary policy

Central Banks Policy Rates

	Current Rate	Rate at 1/1/2020	YTD Change
Advanced Economies			
Australia	0.10%	0.75%	0 bps
Canada	0.25%	1.75%	0 bps
Euro Area	0.00%	0.00%	0 bps
France	0.00%	0.00%	0 bps
Germany	0.00%	0.00%	0 bps
Italy	0.00%	0.00%	0 bps
Sweden	0.00%	-0.25%	0 bps
Japan	-0.10%	-0.10%	0 bps
United Kingdom	0.10%	0.75%	0 bps
United States	0.25%	1.75%	0 bps
Developing Economies			
Brazil	2.75%	4.50%	75 bps
China	4.35%	4.35%	0 bps
India	4.00%	5.15%	0 bps
Mexico	4.00%	7.25%	-25 bps
Russia	4.50%	6.25%	25 bps
Saudi Arabia	1.00%	2.25%	0 bps
South Korea	0.50%	1.25%	0 bps
Turkey	19.00%	12.00%	200 bps

Central Bank Assets Purchasing Programme

	Lastest (\$)	MoM (%)	YoY (%)
Advanced Economies			
Australia	298 bn	9.9%	130.4%
Canada	458 bn	4.1%	395.9%
Euro Area	8.49 tn	-1.0%	60.2%
France	2.1 tn	-1.5%	69.1%
Germany	2.95 tn	-2.2%	50.1%
Italy	1.66 tn	0.0%	50.4%
Sweden	162 bn	-1.5%	76.5%
Japan	6.6 tn	-2.1%	23.7%
United Kingdom	1.09 tn	2.0%	91.2%
United States	7.69 tn	1.8%	66.6%
Developing Economies			
Brazil	436 bn	-4.2%	-10.5%
China	5.93 tn	-1.4%	15.0%
India	407 bn	1.0%	33.7%
Mexico	228 bn	-1.6%	10.8%
Russia	701 bn	0.0%	-0.9%
Saudi Arabia	493 bn	0.3%	-3.3%
South Korea	482 bn	-2.2%	15.6%
Turkey	115 bn	2.8%	12.2%

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Economic Dashboard

23 March 2021



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Timeline of Covid-19 containment measures and their stringency



This chart shows the change in severity of containment measures over time, up to the latest data. Green indicates a score of zero or no restrictions, while the darkest red indicates the highest restrictions or complete bans. Where grey, no new data is available.

Source: Knight Frank, Macrobond, Oxford University

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Economic Dashboard

23 March 2021



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Overview of the severity of Covid-19 and the resulting containment measures



In line with some of the fewest reported cases and the smallest reported deaths attributed to COVID-19, New Zealand has the lowest 'lockdown index' score at 22, indicating the restrictions in place are generally recommendations and are not enforced. Countries including Iraq, Argentina and Colombia have some of the highest 'lockdown index' scores.

For most countries, public transport has the most relaxed restrictions. Tunisia, Norway, Poland, Netherlands and Greece are the only countries with no measures implemented on public events. Meanwhile, across the world, there is some measure of restriction on international travel. However, France is the exception, where international travel is freely permitted with no measures implemented.

Source: Knight Frank, Macrobond, Oxford University

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