

# COVID-19 Dashboard

22 September 2020



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## Summary

- **Equities:** In Europe, stocks are mostly higher, with the DAX up +0.6%, STOXX 600 +0.4% and the CAC 40 +0.2%. However, the FTSE 250 is down -0.2%. In Asia, stocks closed lower, with declines recorded by the Kospi (-2.4%), CSI 300 (-1.2%), Hang Seng (-1.0%) and the S&P / ASX 200 (-0.7%). In the US, futures for the S&P 500 are -0.1%.
- **VIX:** After increasing +7.5% yesterday, the CBOE market volatility index is down -0.1% to 27.8. The Euro Stoxx 50 vix is also at 27.8, following a decline of -7.2% over the morning. Both indices remain elevated compared to their long term averages of 19.8 and 23.9.
- **Bonds:** The UK 10-year gilt yield has softened +3bps to 0.18%, while the German 10-year bund yield is +1bp higher at -0.52%. Meanwhile, the Italian 10-year bond yield has compressed -6bps to 0.88%, the lowest it has been since October 2019. The US 10-year treasury yield is currently flat at 0.67%.
- **Currency:** Both sterling and the euro have depreciated to \$1.28 and \$1.17, respectively. Hedging benefits for US dollar denominated investors into the UK and the eurozone are currently 0.34% and 1.14% per annum on a five-year basis.
- **Oil:** The West Texas Intermediate (WTI) is back below \$40 per barrel at \$39.55, while Brent Crude is currently \$41.52.
- **Baltic Dry:** The Baltic Dry increased +1.4% yesterday to 1,314. The index is now +21% higher than it was in January, albeit -33% down from the peak in July.
- **Gold:** Gold depreciated -2% yesterday to \$1,910 per troy ounce, the lowest it has been since 11<sup>th</sup> August.
- **COVID-19:** In the UK, the Prime Minister has announced new restrictions in England relating to location of work, opening hours for hospitality and the wearing of face coverings, which could last throughout the winter. In Madrid, Spain, some residents have had their movement restricted and in the Czech Republic, facemasks have become mandatory in schools for certain age groups. Meanwhile in New Zealand, all restrictions have been lifted, except for in Auckland where they are expected to remain in place for two weeks.

## Research

**William Matthews**  
Partner, Head of Commercial Research  
+44 20 3909 6842  
william.matthews@knightfrank.com

**Victoria Ormond**  
Partner, Capital Markets Research  
+44 20 7861 5009  
victoria.ormond@knightfrank.com

**Daniel Tomaselli**  
Senior Research Analyst, Capital Markets  
+44 20 8106 1392  
daniel.tomaselli@knightfrank.com

**Antonia Haralambous**  
Research Analyst, Capital Markets  
+44 20 3866 8033  
antonia.haralambous@knightfrank.com

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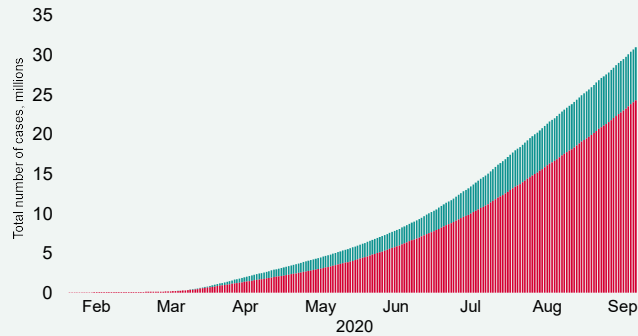


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## COVID-19

### Cumulative number of global cases

■ World excl US ■ US

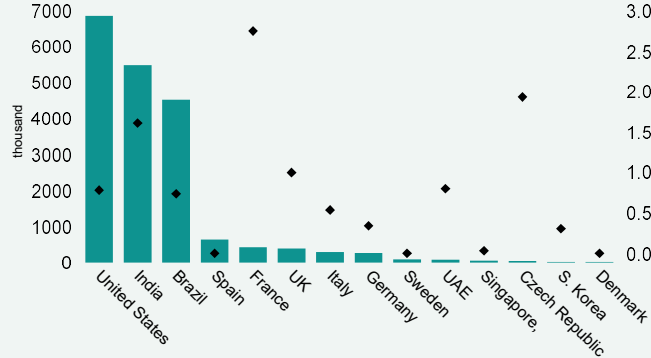


Source: Knight Frank, Macrobond. Last modified: 21 September 2020 11:22 GMT.

The number of total confirmed cases reached 30.9 million on the 21 September, an increase of 273k new cases over the day prior.

### Cumulative number of cases by country

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

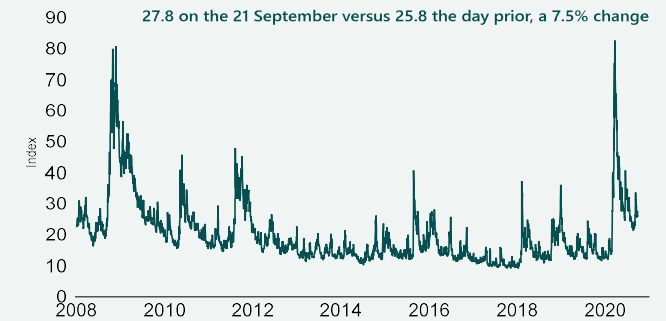


Source: Knight Frank, Macrobond. Last modified: <Property OriginalEndDate not found.> GMT.

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)



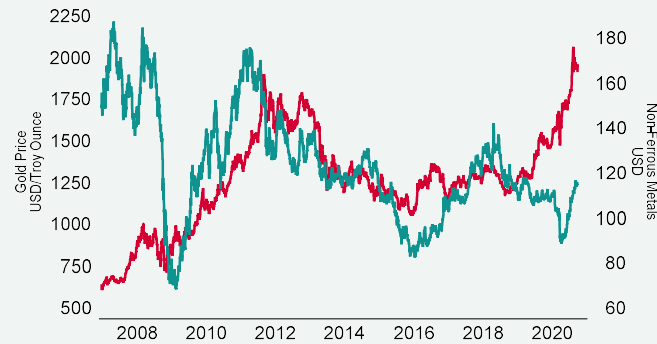
Source: Knight Frank, Macrobond. Last modified: 22 September 2020 03:15 GMT.

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

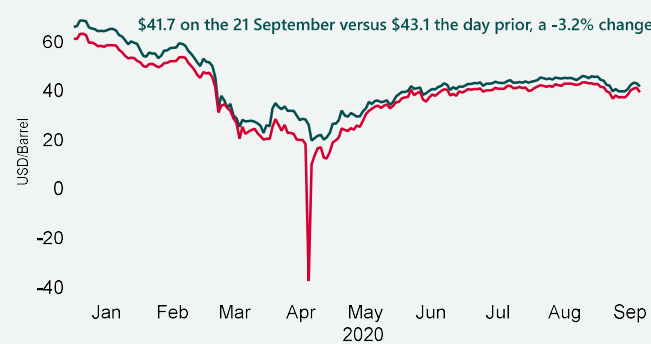


Source: Knight Frank, Macrobond. Last modified: 22 September 2020 00:00 GMT.

	21 Sep	D/D (%)	YTD (%)
Gold, USD	1911	-1.7	26.0
Non-Ferrous Metals, USD	115	-0.2	4.0

### Brent Crude and West Texas Intermediate oil price

—Brent Crude —West Texas Intermediate (WTI)

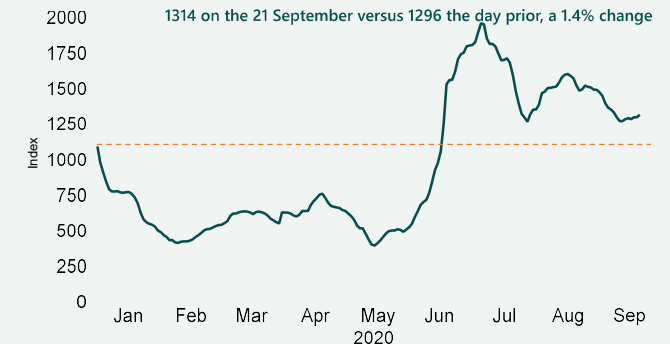


Source: Knight Frank, Macrobond. Last modified: 21 September 2020 23:10 GMT.

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: 21 September 2020 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.

## Research

**William Matthews**  
Partner, Head of Commercial Research  
+44 20 3909 6842  
william.matthews@knightfrank.com

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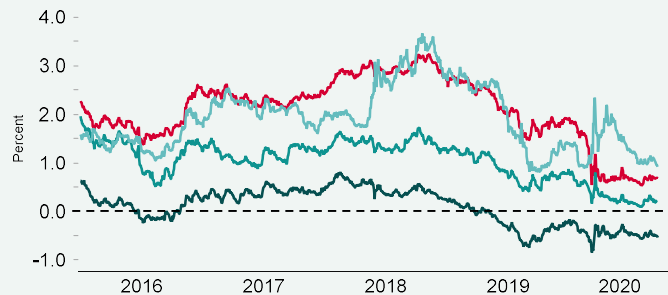


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## Bonds and currencies

### 10y Government Bond Yield (%)

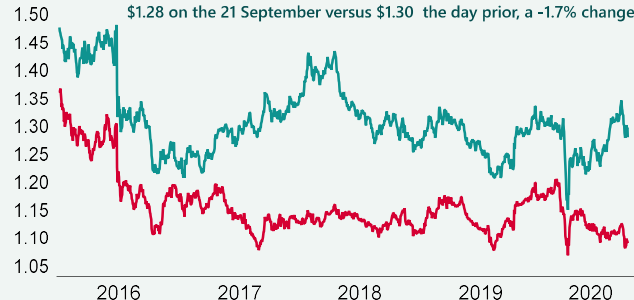
—US —UK —Germany —Italy



	21 Sep	1 d ago	1st Jan
Germany	-0.54	-0.52	-0.19
Italy	0.92	0.92	1.40
UK	0.15	0.15	0.74
US	0.68	0.68	1.92

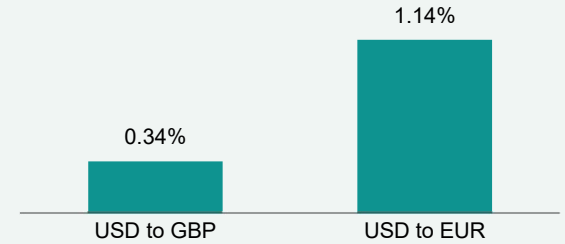
### FX Spot Rates

—EUR per GBP —USD per GBP



	21 Sep	1 d ago	1st Jan
EUR per GBP	1.09	1.09	1.18
USD per GBP	1.28	1.30	1.32

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



Source: Knight Frank, Investing.com

Approximate additional return per annum that dollar denominated investors may obtain based on five year currency hedge.

## Equity and REIT

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

—FTSE 250 —DAX —S&P 500 —STOXX 600 —Hang Seng —MIB —IBEX 35 —TOPIX

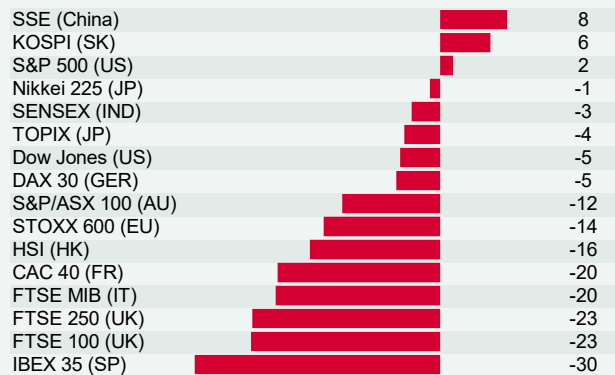


Source: Knight Frank, Macrobond. Last modified: 21 September 2020 19:05 GMT.

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

### Equity performance: YTD (%)

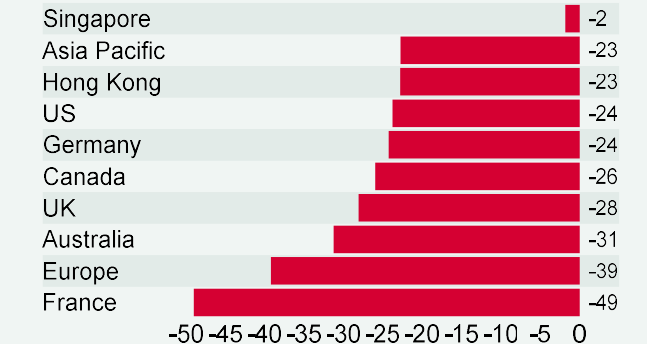
Local currencies



Source: Knight Frank, Macrobond

### REIT performance: YTD (%)

Local currencies



Source: Knight Frank, Macrobond

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william.matthews@knightfrank.com

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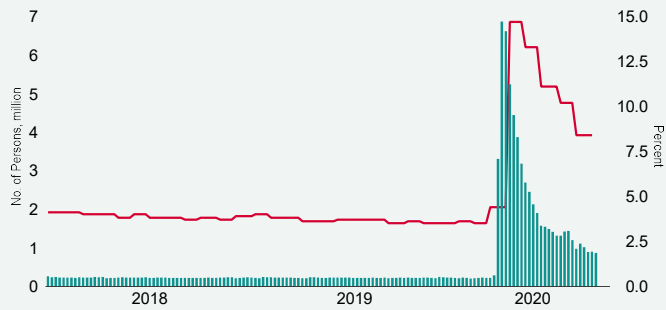


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## US indicators

### US Unemployment

— Monthly Unemployment Rate, rhs — New Weekly Jobless Claims, lhs



Source: Knight Frank, Macrobond. Last data for the week commencing the 7 September.

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

### 2020 Presidential Winner (probability of winning, %)

— Trump — Biden



Source: Knight Frank, Macrobond. Last modified: 22 September 2020 07:00 GMT.

	22 Sep	1 week ago	1 month ago
Trump	45%	45%	44%
Biden	58%	58%	59%

## Monetary policy

### Central Banks Policy Rates

	Current Rate	Rate at 1/1/2020	YTD Change
<b>Advanced Economies</b>			
Australia	0.25%	0.75%	-50 bps
Canada	0.25%	1.75%	-150 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%	25 bps
Japan	-0.10%	-0.10%	0 bps
United Kingdom	0.10%	0.75%	-65 bps
United States	0.25%	1.75%	-150 bps
<b>Developing Economies</b>			
Brazil	2.00%	4.50%	-250 bps
China	4.35%	4.35%	0 bps
India	4.00%	5.15%	-115 bps
Mexico	4.50%	7.25%	-275 bps
Russia	4.25%	6.25%	-200 bps
Saudi Arabia	1.00%	2.25%	-125 bps
South Korea	0.50%	1.25%	-75 bps
Turkey	8.25%	12.00%	-375 bps

### Central Bank Assets Purchase Programme

	Lastest (\$)	MoM (%)	YoY (%)
<b>Advanced Economies</b>			
Australia	217 bn	6.9%	87.1%
Canada	413 bn	1.9%	357.1%
Euro Area	7.66 tn	1.5%	48.3%
France	1.87 tn	4.8%	44.3%
Germany	2.72 tn	1.6%	39.8%
Italy	1.51 tn	1.5%	32.7%
Sweden	146 bn	1.9%	53.8%
Japan	6.44 tn	2.1%	20.1%
United Kingdom	774 bn	-0.2%	-2.6%
United States	7.06 tn	1.1%	84.8%
<b>Developing Economies</b>			
Brazil	502 bn	-12.1%	-4.8%
China	5.3 tn	3.7%	5.2%
India	377 bn	0.7%	37.4%
Mexico	220 bn	1.1%	11.1%
Russia	684 bn	5.3%	5.6%
Saudi Arabia	483 bn	0.3%	-6.1%
South Korea	443 bn	-6.0%	5.7%
Turkey	99.6 bn	-4.3%	-5.8%

## Fiscal policy

### Fiscal measures details

<b>UK</b>	<b>£330bn+</b> : 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.
<b>USA</b>	<b>\$3.0tn</b> : 2 <sup>nd</sup> package passed 23 <sup>rd</sup> April, worth \$483 billion, increasing US stimulus to \$3 trillion (15% GDP).
<b>EU</b>	<b>€1.35tn</b> : This includes €240bn to the European Stability Mechanism, and €200bn in EIB guarantees. On 4 <sup>th</sup> June, the ECB extended the pandemic purchase programme (PEPP) until June 2021, purchasing an additional €600bn in bonds, taking total stimulus to €1.35tn. <b>€750bn</b> : a new recovery package for EU member states announced in July including €390bn in grants and €360 in interest free loans.
<b>Germany</b>	<b>€880bn</b> : The emergency aid measure approved on Monday 23 <sup>rd</sup> 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.
<b>Italy</b>	<b>€400bn</b> : The stimulus announced on the 7 <sup>th</sup> April <b>€25bn</b> : Emergency package to support businesses and families.
<b>France</b>	<b>€100bn</b> : The stimulus announced on the 3 <sup>rd</sup> September <b>€45bn</b> : The aid package for SMEs and other hard-hit sectors announced by the French government on 17 <sup>th</sup> of March. Includes deferred corporate tax, social security charges and two months state payments to laid off workers. <b>€300bn</b> : government backed loans.
<b>Spain</b>	<b>€200bn</b> : 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.
<b>Japan</b>	<b>\$2.2tn</b> : 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.
<b>Hong Kong</b>	<b>HK\$10k</b> for every adult citizen (c.£7bn).

Source: Knight Frank, various sources

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+44 20 3909 6842  
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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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**William Matthews**  
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william.matthews@knightfrank.com

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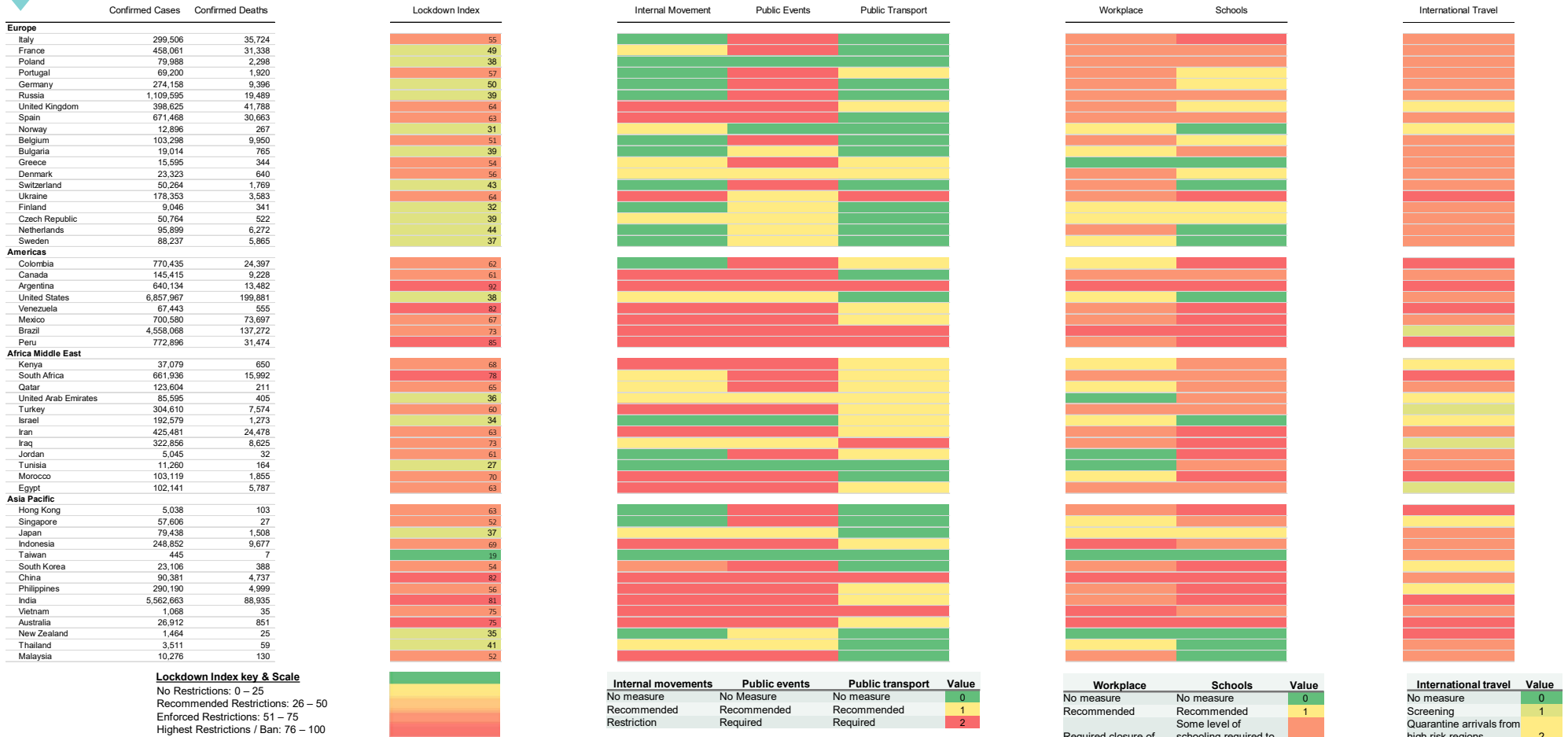
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## Overview of the severity of Covid-19 and the resulting containment measures



In line with some of the fewest reported cases and the smallest reported deaths attributed to COVID-19, Taiwan has the lowest 'lockdown index' score at 19, 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. Taiwan, Tunisia, Norway, Poland and Israel are the only countries with no measures implemented on public events. Meanwhile, across the world, there is some measure of restriction on international travel.

Source: Knight Frank, Macrobond, Oxford University

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