

# COVID-19 Dashboard

20 October 2020



Internal and key client use only

## Summary

- **Lockdown:** Wales will enter into a two week 'firebreak' national lockdown from Friday, with schools, shops, pubs and hotels to close. A district in Bavaria, Berchtesgadener Land, is the first area in Germany to impose a lockdown since the spring, with citizen's travel limited to shopping and going to work. In Spain's Navarre region, movement in and out of the area will be restricted for two weeks on Thursday, with bars and restaurants also closing. Ireland's level 5 restrictions come into force from midnight tomorrow, with citizens asked to stay at home.
- **Equities:** In Europe, stocks are mostly higher this morning, with gains recorded by the CAC 40 (+0.6%), FTSE 250 (+0.4%) and the STOXX 600 (+0.1%), however the DAX is -0.2% lower. In Asia stocks were mixed, with the CSI 300 (+0.8%) and the Kospi (+0.5%) both higher on close, the Hang Seng closed flat and both the Topix and the S&P / ASX 200 were -0.7% lower on close. In the US, futures for the S&P 500 are up +0.5%.
- **VIX:** After increasing +6.5% yesterday, the CBOE market volatility index has declined -2.6% over the morning to 28.4. Meanwhile, the Euro Stoxx 50 volatility index is flat at 26.6. Both indices are elevated compared to their long term averages of 19.9 and 23.9.
- **Bonds:** The UK 10-year gilt yield and the German 10-year bund yield have both softened +1bp to 0.18% and -0.62%, while the US 10-year treasury yield remains flat at 0.77%.
- **Currency:** The euro has appreciated to \$1.18, while sterling is currently \$1.30. Hedging benefits for US dollar denominated investors into the UK and the eurozone are at 0.42% and 1.24% per annum on a five-year basis.
- **Oil:** Brent Crude and the West Texas Intermediate (WTI) are down -0.9% and -0.2% over the morning to \$42.24 and \$40.77.
- **Baltic Dry:** The Baltic Dry decreased for the ninth consecutive session yesterday, declining -4.6% to 1,409. The index is now -28% lower than the peak seen in July, due to a -33% cumulative decline over the last ten sessions. The decline has been predominantly driven by the capsize index which has also contracted over the last nine sessions, down -7.8% yesterday.

## 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

## Important Notice

© Knight Frank LLP 2020 – This report is published for general information only and not to be relied upon in any way. Although high standards have been used in the preparation of the information, analysis, views and projections presented in this report, no responsibility or liability whatsoever can be accepted by Knight Frank LLP for any loss or damage resultant from any use of, reliance on or reference to the contents of this document. As a general report, this material does not necessarily represent the view of Knight Frank LLP in relation to particular properties or projects. Reproduction of this report in whole or in part is not allowed without prior written approval of Knight Frank LLP to the form and content within which it appears. Knight Frank LLP is a limited liability partnership registered in England with registered number OC305934. Our registered office is 55 Baker Street, London, W1U 8AN, where you may look at a list of members' names.

# COVID-19 Dashboard

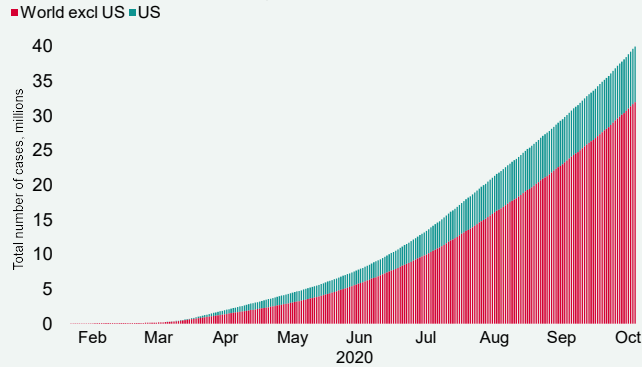
20 October 2020



Internal and key client use only

## COVID-19

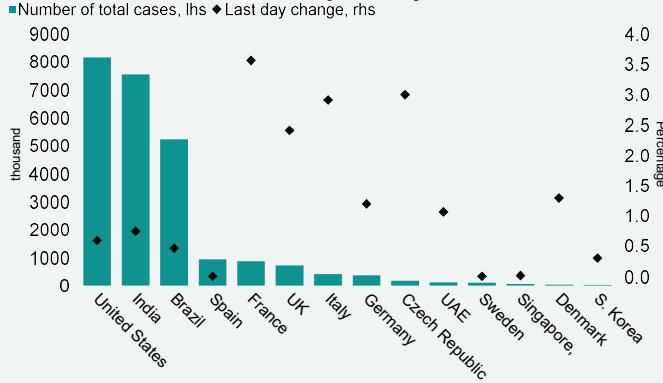
### Cumulative number of global cases



Source: Knight Frank, Macrobond. Last modified: 19 October 2020 10:37 GMT.

The number of total confirmed cases reached 39.9 million on the 19 October, an increase of 338k new cases over the day prior.

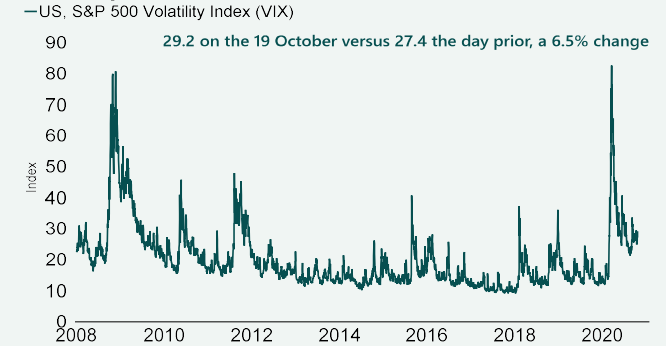
### Cumulative number of cases by country



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

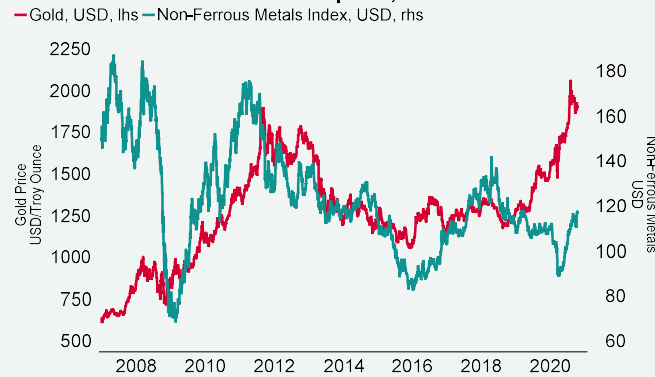


Source: Knight Frank, Macrobond. Last modified: 20 October 2020 03:15 GMT.

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

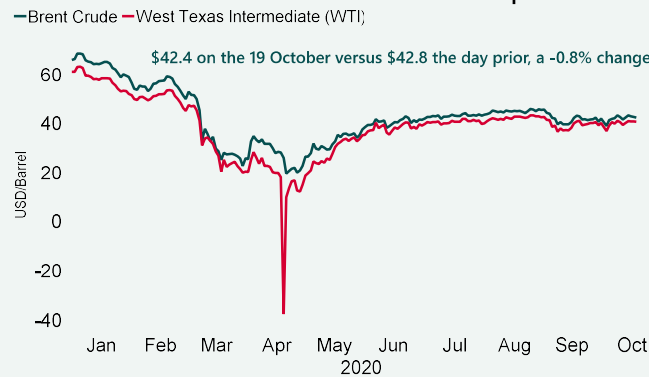
### Gold and non-ferrous metals price, USD



Source: Knight Frank, Macrobond. Last modified: 20 October 2020 00:00 GMT.

	19 Oct	D/D (%)	YTD (%)
Gold, USD	1903	-0.2	25.5
Non-Ferrous Metals, USD	118	1.2	6.5

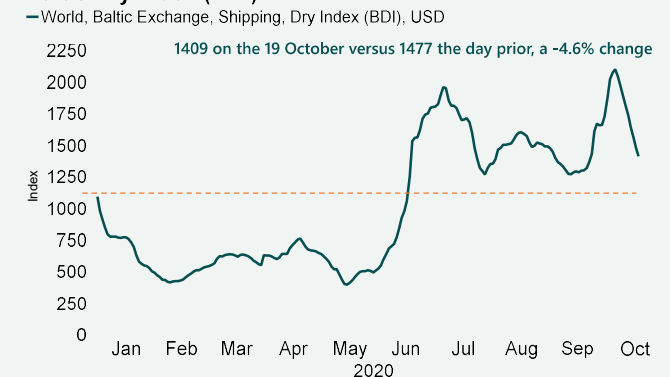
### Brent Crude and West Texas Intermediate oil price



Source: Knight Frank, Macrobond. Last modified: 19 October 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)



Source: Knight Frank, Macrobond. Last modified: 19 October 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

**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

### Important Notice

© Knight Frank LLP 2020 – This report is published for general information only and not to be relied upon in any way. Although high standards have been used in the preparation of the information, analysis, views and projections presented in this report, no responsibility or liability whatsoever can be accepted by Knight Frank LLP for any loss or damage resultant from any use of, reliance on or reference to the contents of this document. As a general report, this material does not necessarily represent the view of Knight Frank LLP in relation to particular properties or projects. Reproduction of this report in whole or in part is not allowed without prior written approval of Knight Frank LLP to the form and content within which it appears. Knight Frank LLP is a limited liability partnership registered in England with registered number OC305934. Our registered office is 55 Baker Street, London, W1U 8AN, where you may look at a list of members' names.

# COVID-19 Dashboard

20 October 2020

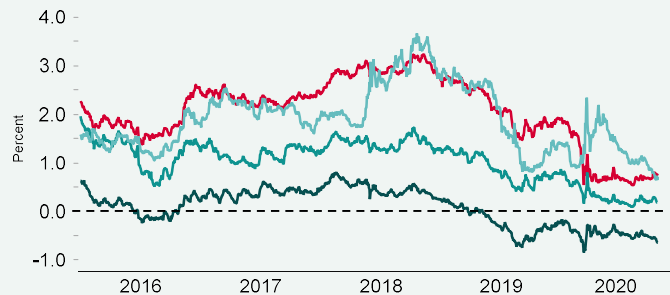


Internal and key client use only

## Bonds and currencies

### 10y Government Bond Yield (%)

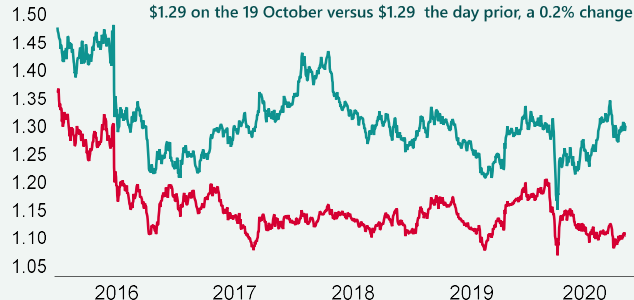
—US —UK —Germany —Italy



	19 Oct	1 d ago	1st Jan
Germany	-0.64	-0.64	-0.19
Italy	0.71	0.65	1.40
UK	0.18	0.17	0.74
US	0.78	0.76	1.92

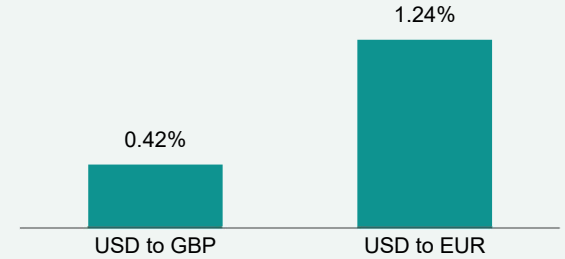
### FX Spot Rates

—EUR per GBP —USD per GBP



	19 Oct	1 d ago	1st Jan
EUR per GBP	1.10	1.10	1.18
USD per GBP	1.29	1.29	1.32

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

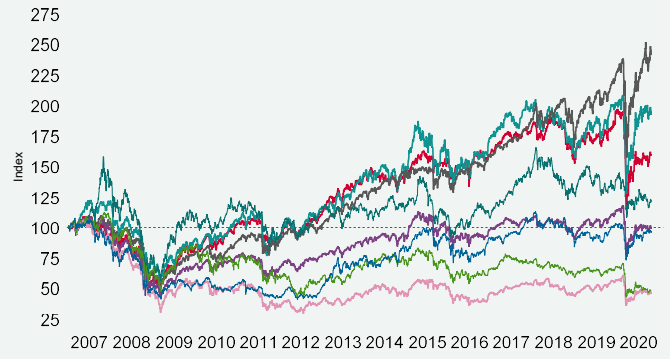


Source: Knight Frank, Investing.com  
Approximate additional return per annum that dollar denominated investors may obtain based on five year currency hedge.

## Equity and REIT

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

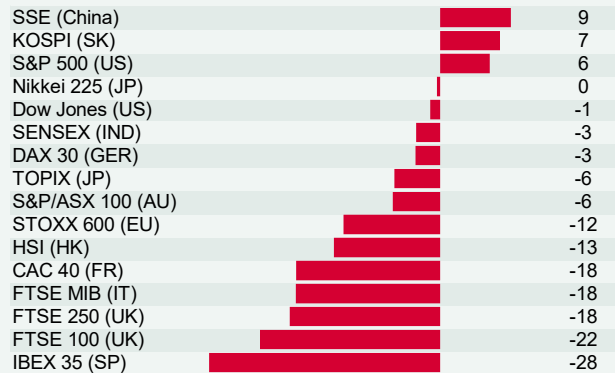
—FTSE 250 —DAX —S&P 500 —STOXX 600 —Hang Seng —MIB —IBEX 35 —TOPIX



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

### Equity performance: YTD (%)

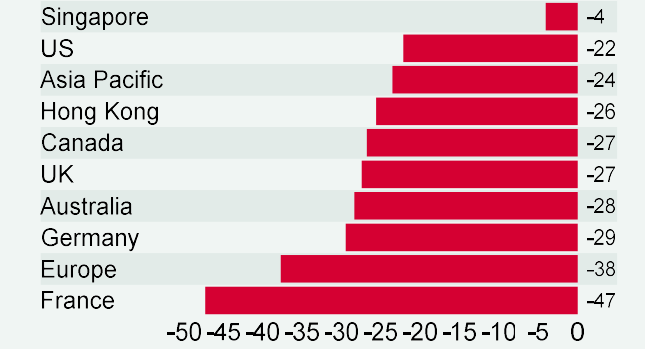
Local currencies



Source: Knight Frank, Macrobond

### REIT performance: YTD (%)

Local currencies



Source: Knight Frank, Macrobond

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

## 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

### Important Notice

© Knight Frank LLP 2020 – This report is published for general information only and not to be relied upon in any way. Although high standards have been used in the preparation of the information, analysis, views and projections presented in this report, no responsibility or liability whatsoever can be accepted by Knight Frank LLP for any loss or damage resultant from any use of, reliance on or reference to the contents of this document. As a general report, this material does not necessarily represent the view of Knight Frank LLP in relation to particular properties or projects. Reproduction of this report in whole or in part is not allowed without prior written approval of Knight Frank LLP to the form and content within which it appears. Knight Frank LLP is a limited liability partnership registered in England with registered number OC305934. Our registered office is 55 Baker Street, London, W1U 8AN, where you may look at a list of members' names.

# COVID-19 Dashboard

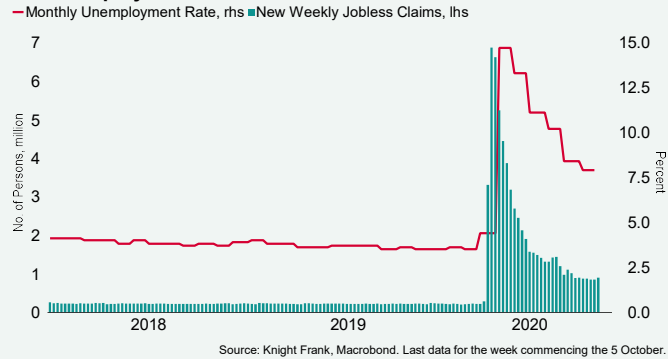
20 October 2020



Internal and key client use only

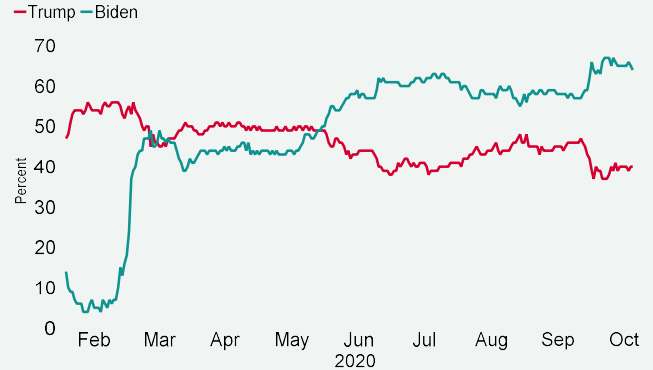
## US indicators

### US Unemployment



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, %)



	20 Oct	1 week ago	1 month ago
Trump	40%	39%	46%
Biden	64%	65%	57%

## 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

## 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	4.25%	7.25%	-300 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	10.25%	12.00%	-175 bps

### Central Bank Assets Purchasing Programme

	Lastest (\$)	MoM (%)	YoY (%)
<b>Advanced Economies</b>			
Australia	215 bn	-1.1%	82.0%
Canada	398 bn	-3.7%	351.6%
Euro Area	7.93 tn	3.6%	53.9%
France	1.86 tn	-0.2%	48.9%
Germany	2.81 tn	3.3%	44.8%
Italy	1.53 tn	1.4%	36.7%
Sweden	151 bn	3.0%	54.6%
Japan	6.51 tn	1.0%	22.8%
United Kingdom	776 bn	-0.2%	-2.3%
United States	7.15 tn	1.5%	80.5%
<b>Developing Economies</b>			
Brazil	513 bn	1.8%	2.7%
China	5.5 tn	3.9%	8.3%
India	366 bn	-3.0%	33.9%
Mexico	216 bn	-2.0%	6.2%
Russia	677 bn	-1.0%	5.0%
Saudi Arabia	490 bn	1.4%	-5.4%
South Korea	453 bn	2.3%	9.6%
Turkey	100 bn	0.7%	-8.5%

## 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

### Important Notice

© Knight Frank LLP 2020 – This report is published for general information only and not to be relied upon in any way. Although high standards have been used in the preparation of the information, analysis, views and projections presented in this report, no responsibility or liability whatsoever can be accepted by Knight Frank LLP for any loss or damage resultant from any use of, reliance on or reference to the contents of this document. As a general report, this material does not necessarily represent the view of Knight Frank LLP in relation to particular properties or projects. Reproduction of this report in whole or in part is not allowed without prior written approval of Knight Frank LLP to the form and content within which it appears. Knight Frank LLP is a limited liability partnership registered in England with registered number OC305934. Our registered office is 55 Baker Street, London, W1U 8AN, where you may look at a list of members' names.

# COVID-19 Dashboard

20 October 2020



Internal and key client use only

## 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

**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

**Important Notice**  
© Knight Frank LLP 2020 – This report is published for general information only and not to be relied upon in any way. Although high standards have been used in the preparation of the information, analysis, views and projections presented in this report, no responsibility or liability whatsoever can be accepted by Knight Frank LLP for any loss or damage resultant from any use of, reliance on or reference to the contents of this document. As a general report, this material does not necessarily represent the view of Knight Frank LLP in relation to particular properties or projects. Reproduction of this report in whole or in part is not allowed without prior written approval of Knight Frank LLP to the form and content within which it appears. Knight Frank LLP is a limited liability partnership registered in England with registered number OC305934. Our registered office is 55 Baker Street, London, W1U 8AN, where you may look at a list of members' names.

# COVID-19 Dashboard

20 October 2020



Internal and key client use only

## 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, 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

### 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

### Important Notice

© Knight Frank LLP 2020 – This report is published for general information only and not to be relied upon in any way. Although high standards have been used in the preparation of the information, analysis, views and projections presented in this report, no responsibility or liability whatsoever can be accepted by Knight Frank LLP for any loss or damage resultant from any use of, reliance on or reference to the contents of this document. As a general report, this material does not necessarily represent the view of Knight Frank LLP in relation to particular properties or projects. Reproduction of this report in whole or in part is not allowed without prior written approval of Knight Frank LLP to the form and content within which it appears. Knight Frank LLP is a limited liability partnership registered in England with registered number OC305934. Our registered office is 55 Baker Street, London, W1U 8AN, where you may look at a list of members' names.