

COVID-19 Dashboard

30 June 2020



Internal and key client use only

Summary

- **Lockdown:** The UK has announced its first local lockdown in Leicester, which is currently the source of 10% of total UK reported cases. From Thursday, non-essential shops and schools for most children will close. In China, lockdown has been reinstated in Anxin county of Hebei province, close to Beijing, with Anxin “fully enclosed and controlled” according to government officials.
- **Equities:** In Europe, the STOXX 600, the DAX and the FTSE 250 are all down -0.2%. In Asia, stocks closed higher, with the S&P / ASX 200 adding +1.4%, CSI 300 +0.9%, Topix +0.7% and the Hang Seng +0.3%. In the US, futures for the S&P 500 and the Dow Jones Industrial Average are down -0.3% and -0.5%.
- **VIX:** The CBOE market volatility index, also known as the ‘investor fear gauge’ declined -8.5% yesterday to 31.8. This remains above the long term average of 20, indicating further expectations of near-term volatility.
- **Bonds:** The UK 10-year gilt yield, US 10-year treasury yield and German 10-year bund yield are currently 0.15%, 0.63% and -0.48%.
- **Currency:** Sterling remains at \$1.23, while the euro has depreciated to \$1.12. Hedging benefits for US dollar denominated investors into the UK and the eurozone are currently 0.27% and 1.07% per annum on a five-year basis.
- **Baltic Dry:** The Baltic Dry has increased for 21 consecutive sessions, currently up +2.6% to 1,794. The index is now 704 points or +65% above where it was at the beginning of the year, indicating improving demand for raw materials and subsequently manufacturing.
- **Oil:** Brent Crude is currently \$41.43 per barrel and the West Texas Intermediate (WTI) \$39.20 per barrel.
- **UK Economy:** The PM has announced £5 billion (<0.25% GDP) infrastructure spending and an ambition for Britain to become a “science superpower”. This comes as the ONS revised Q1 GDP growth for the UK to -2.2%. The UK Debt Management Office (DMO) has also announced a revised plan to raise at least £275 billion between April and August 2020 to facilitate the government’s financing needs.

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

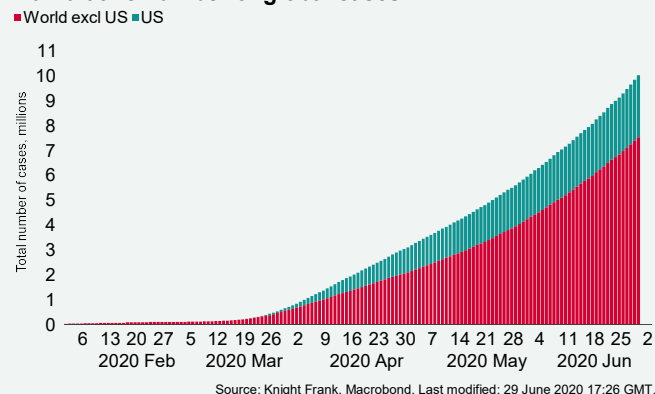
30 June 2020



Internal and key client use only

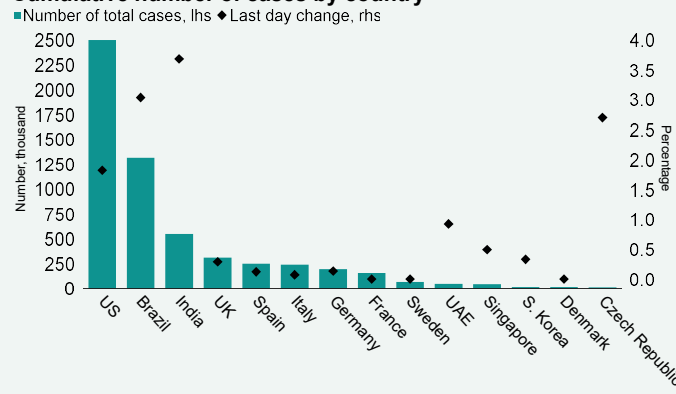
COVID-19

Cumulative number of global cases



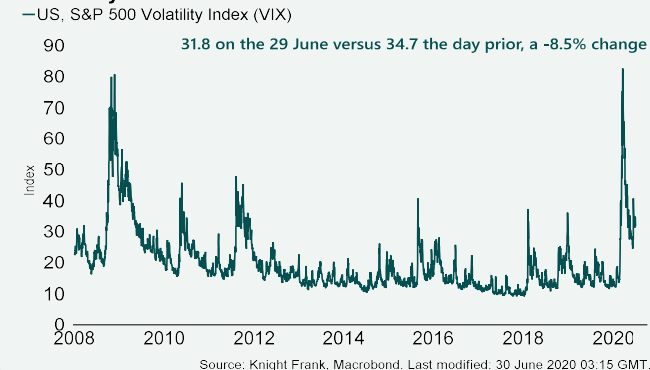
The number of total confirmed cases reached 10021k on the 29 June, an increase of 178k new cases over the day prior.

Cumulative number of cases by country



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

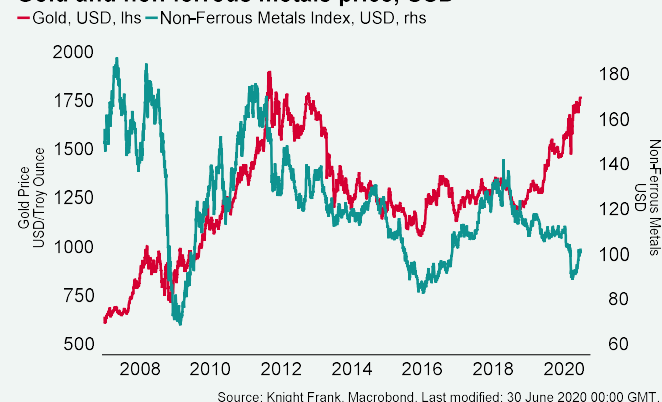
Volatility Index



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.

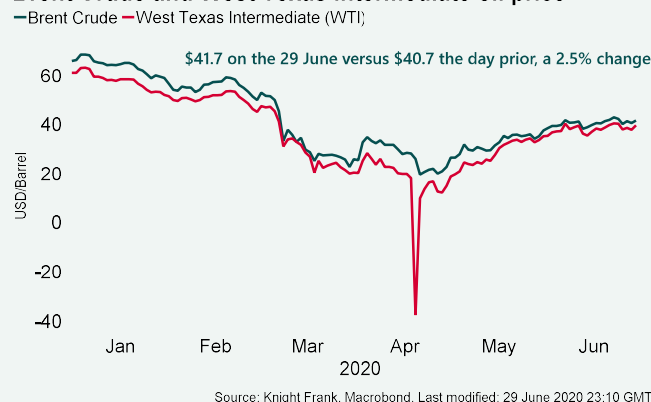
Commodities

Gold and non-ferrous metals price, USD



	29 Jun	D/D (%)	YTD (%)
Gold, USD	1770	0.4	16.7
Non-Ferrous Metals, USD	102	1.6	-7.6

Brent Crude and West Texas Intermediate oil price



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)



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

30 June 2020

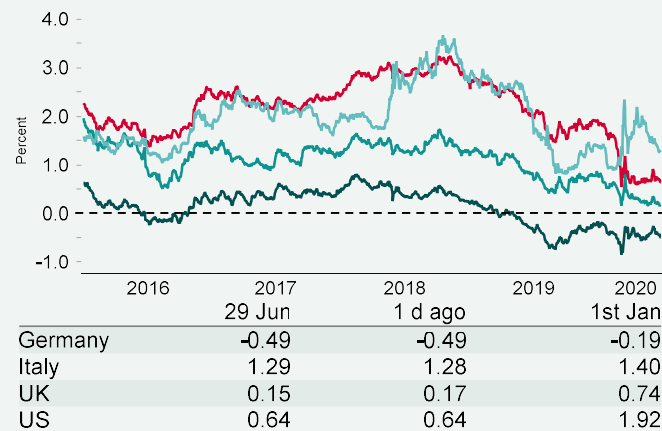


Internal and key client use only

Bonds and currencies

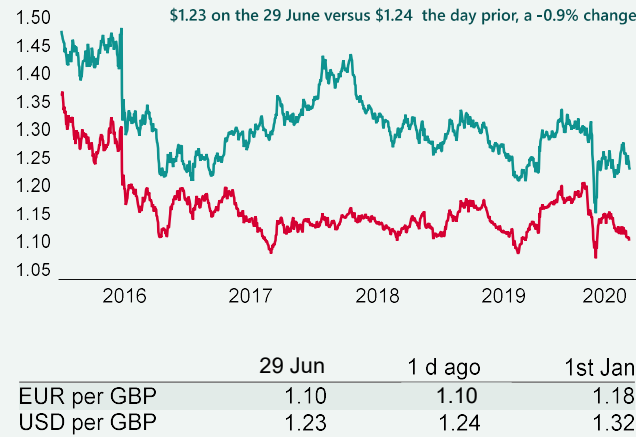
10y Government Bond Yield (%)

—US —UK —Germany —Italy

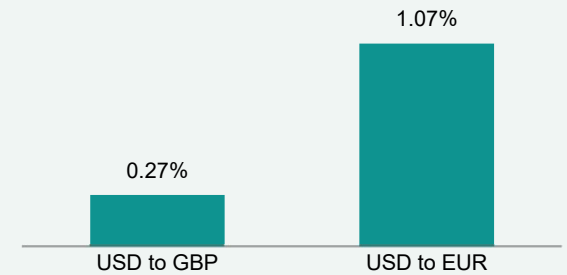


FX Spot Rates

—EUR per GBP —USD per GBP



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

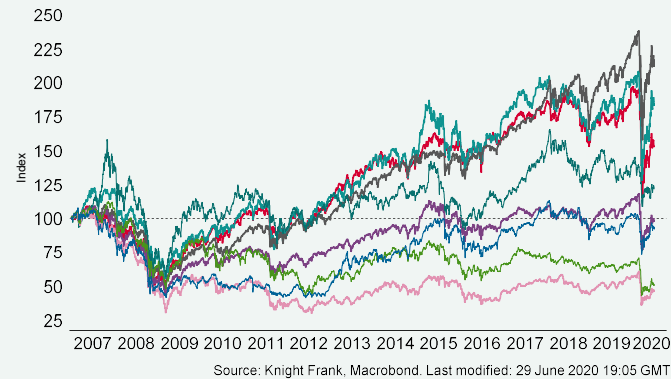


Source: Knight Frank, Investing.com
Approximate additional return per annum that dollar denominated investors may obtain based on five year currency hedge.

Equity and REIT

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

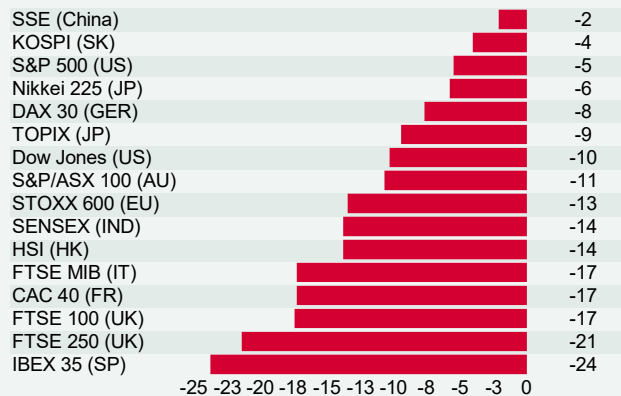
—FTSE 250 —DAX —S&P 500 —STOXX 600 —Hang Seng —MIB —IBEX 35 —TOPIX



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

Equity performance: YTD (%)

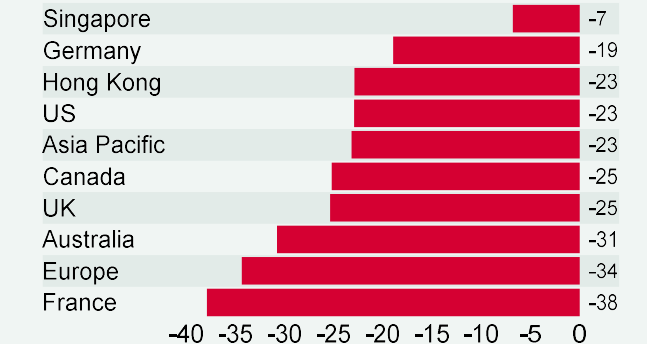
Local currencies



Source: Knight Frank, Macrobond

REIT performance: YTD (%)

Local currencies



Source: Knight Frank, Macrobond

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

30 June 2020

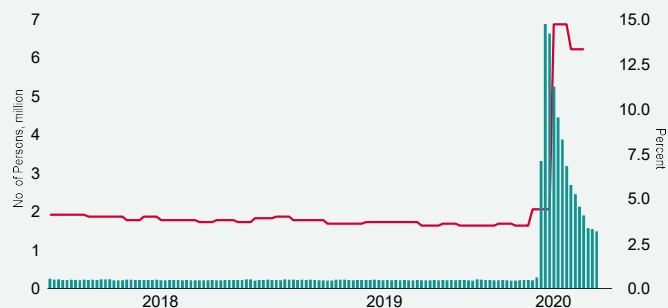


Internal and key client use only

US indicators

US Unemployment

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

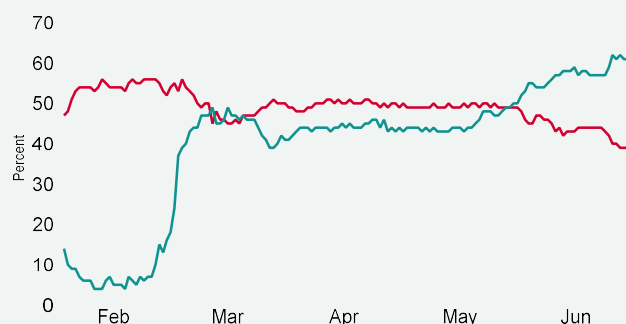


Source: Knight Frank, Macrobond. Last data for the week commencing the 15 June.

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: 30 June 2020 09:00 GMT.

	30 Jun	1 week ago	1 month ago
Trump	39%	43%	49%
Biden	61%	57%	50%

Monetary policy

Central Banks Policy Rates

	Current Rate	Rate at 1/1/2020	YTD Change
Advanced Economies			
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
Developing Economies			
Brazil	2.25%	4.50%	-225 bps
China	4.35%	4.35%	0 bps
India	4.00%	5.15%	-115 bps
Mexico	5.00%	7.25%	-225 bps
Russia	4.50%	6.25%	-175 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 Purchasing Programme

	Lastest (\$)	MoM (%)	YoY (%)
Advanced Economies			
Australia	191 bn	6.9%	49.0%
Canada	340 bn	22.2%	293.3%
Euro Area	6.33 tn	5.0%	20.1%
France	1.55 tn	3.8%	25.8%
Germany	2.29 tn	6.0%	14.7%
Italy	1.27 tn	4.7%	16.6%
Sweden	133 bn	4.9%	35.6%
Japan	6.07 tn	3.3%	16.2%
United Kingdom	742 bn	-0.6%	-6.7%
United States	7.08 tn	0.2%	84.8%
Developing Economies			
Brazil	517 bn	7.6%	-7.0%
China	5.15 tn	1.2%	-0.9%
India	349 bn	-2.0%	33.7%
Mexico	218 bn	5.7%	6.4%
Russia	642 bn	-6.1%	4.5%
Saudi Arabia	468 bn	1.5%	-10.6%
South Korea	433 bn	3.8%	1.0%
Turkey	109 bn	1.9%	17.1%

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
Germany	€880bn : The emergency aid measure approved by the German Cabinet 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 April to help businesses hurt by a national lockdown. €25bn : Emergency package to support businesses and families.
France	€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

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

30 June 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.

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.

Source: Knight Frank, various sources

COVID-19 Dashboard

30 June 2020



Internal and key client use only

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

Confirmed Cases		Confirmed Deaths	Lockdown Index		Internal Movement		Public Events	Public Transport		Workplace	Schools		International Travel	
Europe														
Italy		240,310	34,738											
France		162,936	29,778											
Poland		33,907	1,438											
Portugal		41,646	1,564											
Germany		193,761	8,961											
Russia		634,437	9,073											
United Kingdom		311,151	43,550											
Spain		248,770	28,343											
Norway		8,815	249											
Belgium		61,361	9,732											
Bulgaria		4,691	219											
Greece		3,376	191											
Denmark		12,675	604											
Switzerland		31,534	1,681											
Ukraine		42,982	1,129											
Finland		7,191	328											
Czech Republic		11,603	348											
Netherlands		50,147	6,105											
Sweden		65,137	5,280											
Americas														
Colombia		91,769	3,106											
Canada		103,239	8,522											
Argentina		57,731	1,217											
United States		2,548,996	125,804											
Venezuela		5,297	44											
Mexico		216,852	26,648											
Brazil		1,344,143	57,622											
Peru		279,419	9,317											
Africa Middle East														
Kenya		6,070	143											
South Africa		138,134	2,456											
Qatar		94,413	110											
United Arab Emirates		47,797	313											
Turkey		197,299	5,097											
Israel		23,755	318											
Iran		222,669	10,508											
Iraq		45,402	1,756											
Jordan		1,121	9											
Tunisia		1,169	50											
Morocco		12,052	221											
Egypt		65,188	2,789											
Asia Pacific														
Hong Kong		1,203	7											
Singapore		43,459	26											
Japan		18,476	972											
Indonesia		54,010	2,754											
Taiwan		445	7											
South Korea		12,757	282											
China		84,757	4,641											
Philippines		35,455	1,244											
India		548,318	16,475											
Vietnam		355	-											
Australia		7,686	104											
New Zealand		1,178	22											
Thailand		3,162	58											
Malaysia		8,634	121											
Lockdown Index key & Scale														
No Restrictions: 0 – 25														
Recommended Restrictions: 26 – 50														
Enforced Restrictions: 51 – 75														
Highest Restrictions / Ban: 76 – 100														
Internal movements														
No measure														
Recommended														
Restriction														
Public events														
No Measure														
Recommended														
Required														
Public transport														
No measure														
Recommended														
Required														
Value														
0														
1														
2														
Workplace														
No measure														
Recommended														
Some level of schooling required to close														
Required closure of some sectors														
Required closure for all but essential work														
Value														
0														
1														
2														
3														
International travel														
No measure														
Screening														
Quarantine arrivals from high risk regions														
Ban on high risk regions														
Total border closure														
Value														
0														
1														
2														
3														
4														

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

For most countries, public transport has the most relaxed restrictions. Taiwan, Tunisia, Norway, Hong Kong and New Zealand 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, Italy and Iran are the exceptions, where international travel is freely permitted with no measures implemented.

Source: Knight Frank, Macrobond, Oxford University, Last Updated: 30/06/2020

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 prepared 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.