

CURRENCIES & BONDS & SUMMARY **TRADE EQUITIES** COMMODITIES **MONETARY POLICY** RATES **VOLATILITY &** CONTAINMENT **REITs** COVID-19 **ESG** MACRO RESEARCH MOBILITY MEASURES

NEED TO KNOW

19 July 2022

0.5%

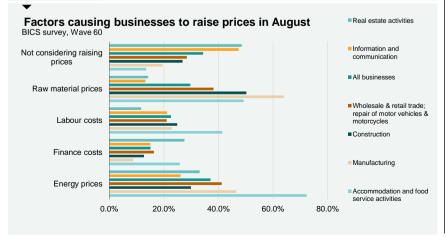
Monthly UK GDP growth, May 2022 Flurry of UK data releases to turn up the heat this week. Following last week's surprise jump in the UK's GDP figures for May to 0.5%, this week the focus will be on the labour market (today), inflation (Wednesday) and retail sales (Friday). Our expectation is that labour markets will continue to defy the prevailing narrative to remain relatively healthy; inflation will ratchet up further (see the businesses most likely to pass higher costs on in the chart below); and retail will continue to paint a somewhat nuanced picture, in which sales are not as badly impacted by weaker sentiment as headlines might suggest. Looking further ahead, however, there is little sign that the economy is still set to slow towards the end of the year, and Wednesday's HM Treasury forecast will indicate the consensus view on the extent.

27%

Y/Y fall in venture capital funding Q2 2022 Capital raising slows. Whether the focus of fundraising is venture capital (down 27% y/y in Q2 according to Crunchbase), private equity (the lowest first half for at least five years according to Preqin) or stock market IPOs and new issuance (with H1 22 seeing just a fraction of the record levels recorded in 2021, according to the London Stock Exchange), it is clear that the first half of 2022 has seen a sharp reduction in monies raised for investment. All other things equal, this will remove impetus from economic growth, although as it was never a given that all capital raised could find a profitable home, the impact is likely to be less dramatic than headline numbers suggest. Slowing PE capital raising for real estate tips the competition for assets in favour of private investors, albeit a group that remains small in absolute terms.

8bn

Global population projection, November 2022 The journey towards 8bn. Last week's World Population Day saw the release of the UN's latest population projections. Amongst the many fascinating datapoints, the report highlights the pace of growth in world population – from 7bn people at the end of 2011 to 8bn at the end of this year. The global population is predicted to peak in 2086, at 10.4bn. India is set to overtake China as the world's most populous country in 2023. The themes of urbanisation and aging show no signs of abating, and both have clear implications for real estate: a growing demand for urban living and working, and a growing need for vehicles and assets in which to invest savings for old age.



Sources: Knight Frank Research, ONS

LOOKING AHEAD

ECB Interest Rate Decision

Later this week the ECB is expected to announce its long-anticipated interest rate decision. As short-term interest rates are an important determinant of currency valuation, traders will pay close attention to interest rate changes due on Thursday. Currently, the market consensus is for a 25-basis point hike. However, following last week's larger than expected 100 base point rise in Canada, the ECB would not be alone in advocating a bolder rise, perhaps of 50 points.

Manufacturing PMI

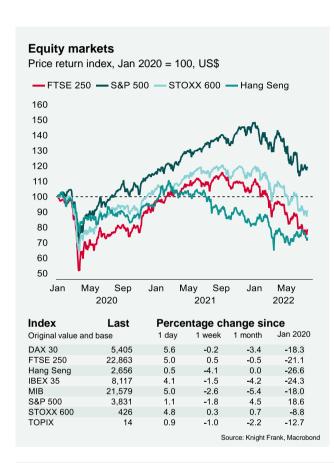
Manufacturing PMI figures will be released for Europe and the USA later this week. In June the S&P global Eurozone Manufacturing PMI fell to 52.1 from 54.6 in May, pointing to the slowest growth in factory activity since August of 2020. Meanwhile the S&P global US manufacturing PMI was revised slightly higher to 52.7 in June from a preliminary of 52.4, but still pointed to the slowest growth in factory activity since July 2020 due to inflationary pressures, weak consumer confidence and supply-chain disruptions. Despite the US beating forecasts in June, manufacturing PMI projections for July indicate a decline for both Europe and the US, adding to the sense of global slowdown.

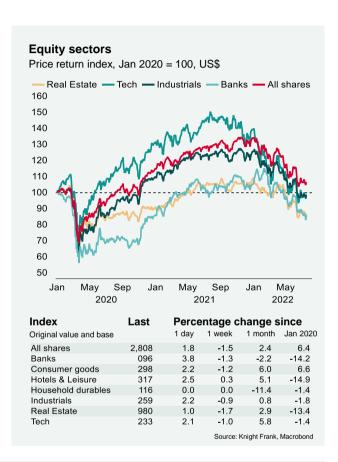
Financial Deregulation

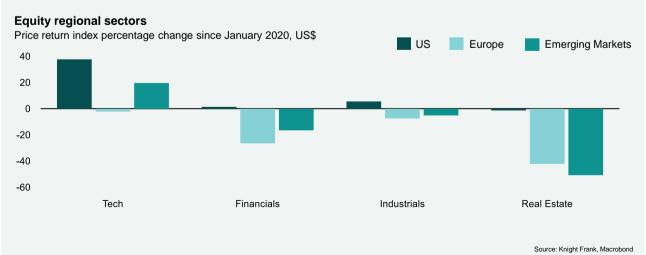
In the UK, the government proposals to deregulate financial services are set to initiate a battle with the Bank of England, which is seeking to defend its regulatory autonomy. One argument is that financial deregulation would improve the competitiveness of UK financial services, boosting economic growth and employment in the financial sector. Commercial real estate could benefit from an increase in demand for office space in the city of London.



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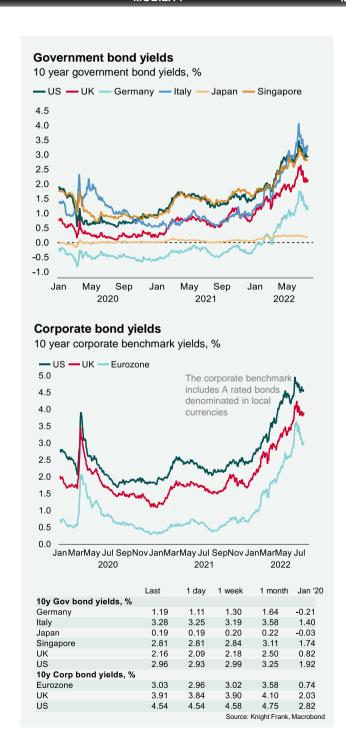


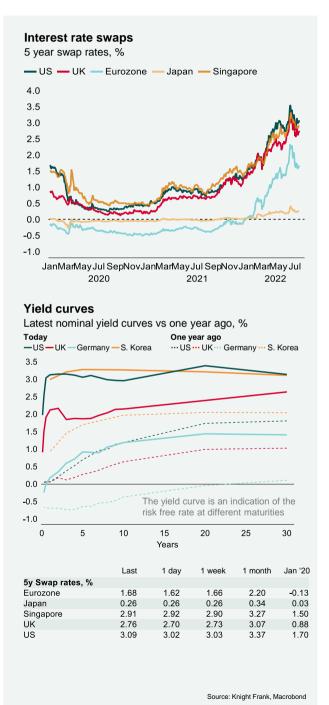






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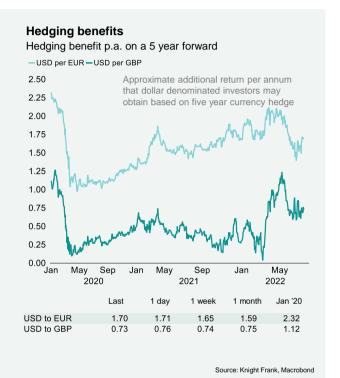


Source: Knight Frank, Macrobond

Leading Indicators

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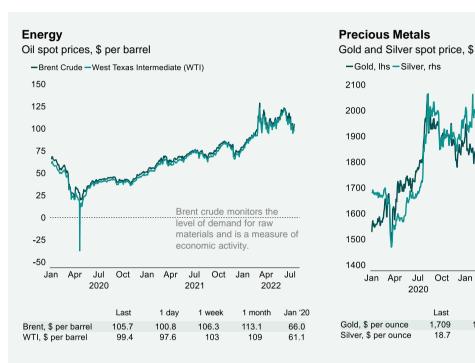


Inflation and monetary policy

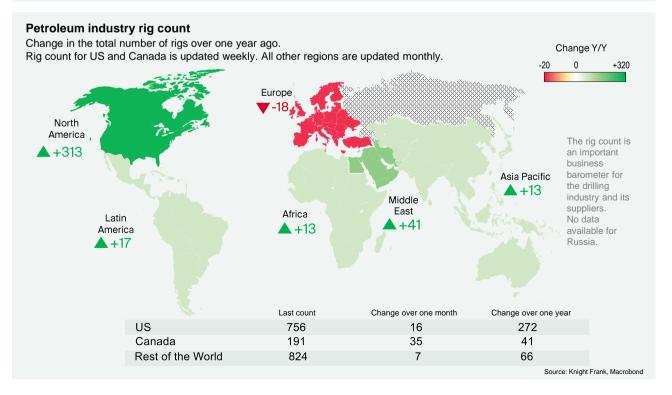
	Inflation rate (%)				Interest ra	ites (%)	Asset purchasing		
	Jun	May	Apr	Mar	Last	Jan '21	Latest (\$)	1m change (%)	
Australia 1	n/a	n/a	n/a	5.2	1.35	0.10	420 bn	- 0.7	
Canada	n/a	7.7	6.8	6.7	2.50	0.25	362 bn	-3.9	
China	2.4	2.0	2.0	1.3	4.35	4.35	5.86 tn	1.6	
Euro Area	8.6	8.1	7.4	7.4	0.00	0.00	8.94 tn	-5.3	
France	5.8	5.2	4.8	4.5	0.00	0.00	2.2 tn	1.0	
Germany	7.4	8.0	7.4	7.2	0.00	0.00	3 tn	-6.5	
India	7.0	7.0	7.8	7.0	4.90	4.00	378 bn	-0.6	
Italy	8.0	6.8	6.0	6.5	0.00	0.00	1.66 tn	-3.0	
Japan	n/a	2.5	2.5	1.2	-0.10	-0.10	5.38 tn	-2.2	
Saudi Arabia	n/a	2.2	2.3	2.0	2.25	1.00	497 bn	1.0	
South Korea	6.0	5.4	4.8	4.1	2.25	0.50	461 bn	3.1	
Spain	n/a	8.7	8.3	9.8	0.00	0.00	487 bn	1.5	
Sweden	8.7	7.3	6.4	6.0	0.75	0.00	143 bn	-0.8	
UK	n/a	9.1	9.0	7.0	1.25	0.10	1.04 tn	-4.4	
US	9.0	8.5	8.2	8.6	1.75	0.25	8.9 tn	-0.4	
Australia Inflation rate i	s only available on	a quarterly ba	sis.						



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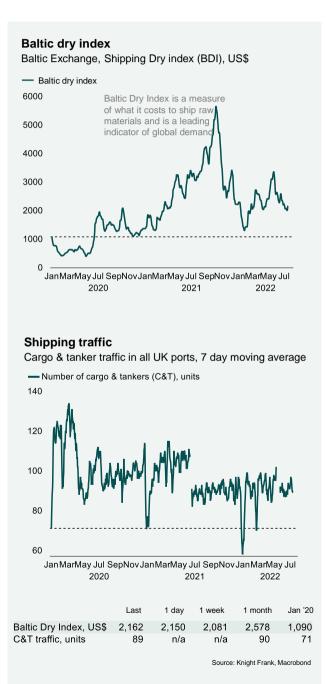


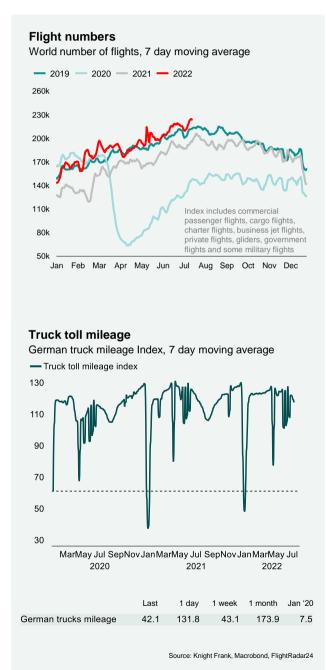






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May

2022

Jan'20

5.3

-28.3

34 1

-6.9

-6.3

11 7

23.5

Jan

1 month

4.6

3.7

5.0

7.1

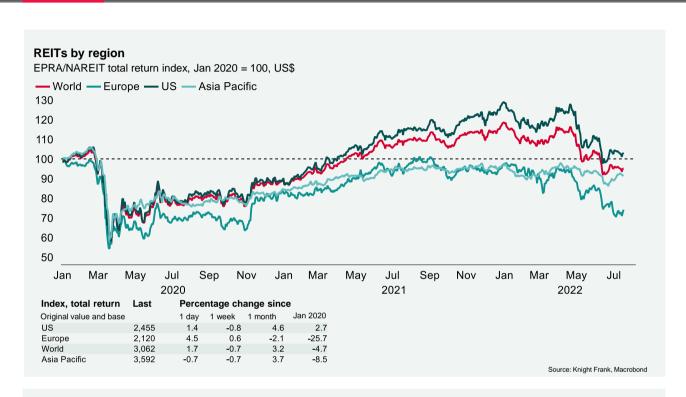
52

4.6

Source: Knight Frank, Macrobono

Leading Indicators

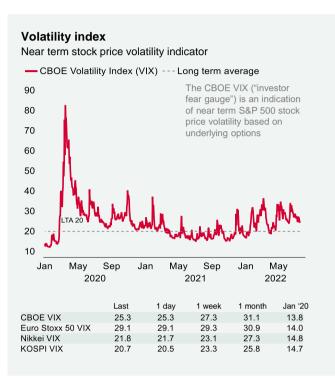
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UK REITs by sector US REITs by sector UK EPRA gross total return index, Jan 2020 = 100, GBP£ US NAREIT gross total return index, Jan 2020 = 100, US\$ — All REITs — Office — Industrial — Retail All REITs — Office — Industrial — Retail Healthcare — Residential — S&P500 Healthcare — Residential — FTSE 250 200 175 175 150 150 125 125 100 100 75 75 50 50 25 25 O Sep Sep Jan May Jan May May Sep May Sep May Jan Jan Jan 2020 2021 2020 2021 2022 Index, gross total return Percentage change since Index, gross total return Percentage change since Jan '20 Original value and base I ast 1 day 1 week 1 month Original value and base Last 1 day 1 week All REITs 930 2.0 0.7 0.0 -9.1 All REITs 21,219 1.5 -0.8 Office 2,048 -30.9 2.5 0.3 -3.7 Office 1.608 2.5 -1.2 1,526 Industrial 1.3 1.1 2.8 23.0 Industrial 2 924 0.3 -24 Retail 3.7 1.2 -0.4 -83.4 60 Retail 1.063 3.0 1.2 Healthcare 2,270 -0.8 1.4 0.7 0.1 3,888 Healthcare 1.0 -0.5Residential 1.498 1.8 2.1 2.6 -1.8 Residential 2.177 0.9 -0.4 FTSF 250 15,622 1.7 -8.3 S&P500 8.094



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Systemic stress Measures FX, money, sovereign and bond yield volatility ECB Composite Indicator of Systemic Stress (CISS) --- Long term average The CISS is an indicator of instability across the whole financial system 0.40(hence "systemic stress") 0.35 0.30 0.25 0.20 0.15 LTA 0.0893 0.10 0.05 JanMaMayJulSepNovJanMar MayJulSepNovJanMarMayJul 2020 2021 1 month Jan'20 Last 1 week 0.366 0.353 0.022 0.390 Systemic stress composite Equity markets stress sub index 0.151 0.124 0.153 0.009 Bond markets stress sub index 0.112 0.111 0.110 0.020 FX markets stress sub index 0.060 0.082 0.088 0.004

Source: Knight Frank, Macrobond

Workplace mobility

Google Workplace Mobility Index change since March '20, %

7 day moving average of daily office visitors compared to each country's baseline (5 week average between Jan 2020 - Feb 2020).

	Last	1 week	1 month
Brazil	23	28	35
Nigeria	19	46	39
India	19	24	18
Mexico	14	16	23
South Korea	6	7	9
South Africa	5	6	18
Japan	- 7	-6	-6
Germany	-9	-5	-5
Australia	-12	-15	-13
Italy	-15	-15	-9
Singapore	-16	-6	-11
Netherlands	-18	-13	- 10
UK	-22	- 20	-18
Canada	-23	-25	-14
US	-24	-33	-22
Russia	-27	-26	-18
France	-29	-11	- 5
Turkey	-44	3	16

Source: Knight Frank, Macrobond

Public transport mobility

Citymapper Mobility Index change since March '20, %

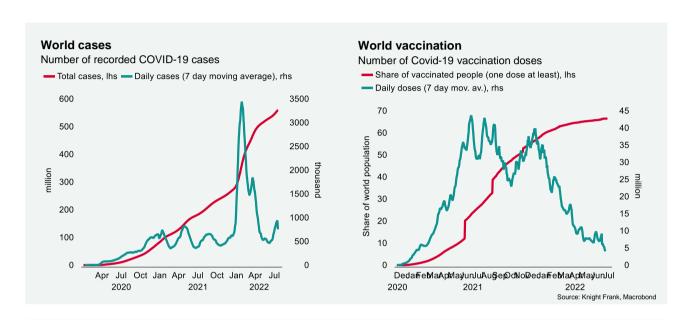
7 day moving average of daily trips planned and taken compared to each city's baseline (4 week average between Jan 2020 - Feb 2020).



Source: Knight Frank, Macrobond



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Cases and vaccinations breakdown by country Total cases New cases People vaccinated New doses 1 week ago 1 month ago Thousands Population (%) Millions Last day Last 7days av. 43,491 Australia 87 30,361 22,366 86 1,399 65.849 Brazil 33.1 43,657 32,934 184,903 86 56,017 1,881 32,787 86 4.245 Canada 4.0 1,597 2,639 1,295,626 91 92,633 China 5.3 25,981 29,355 55,742 4,828 82 66 Denmark 3.2 0 0 0 32.0 0 110,589 39.241 54,486 81 14,961 France 29.7 0 13,690 77,205 64,715 78 4,943 Germany 7 921 76 822 Greece 3.8 13,306 13,306 7.204 1,018,273 72 185,318 India 43.8 16,935 16,678 13,216 Ireland 1.6 1,207 1,892 1,054 4,092 82 163 20.1 68,996 81,563 36,170 50,810 86 2,835 Italy Japan 10.3 103,602 50,918 8,905 103,790 83 38,651 12,802 73 2,092 Netherlands 3.865 8.3 0 5,131 4,342 80 435 Norway 1.5 129 552 95 6,222 9,729 1,758 Portugal 5.3 7,391 4,142 Russia 18.5 4,548 3,097 3,382 81,874 56 3,125 Saudi Arabia 8.0 299 945 26,714 74 6,841 806 8,761 5,021 92 224 Singapore 1.6 6,947 6,423 South Africa 4.0 406 706 971 22,075 37 1,734 18.8 26,299 87 South Korea 12,656 6,842 2.452 45.074 87 1,878 Spain 13.1 19.211 28,048 12.058 41,264 UK 23.1 29,233 20,522 14,215 53,611 80 5,463 17,754 US 88.0 97,795 260,328 78 34,158

People vaccinated

Total (mn)

720

Change since

1.0%

1 month ago

4.2%

1 week ago

Total cases Total (mn)

559

World

Source:	Kniaht	Frank.	Macrobono
		,	

1 month ago

65.9%

Share of population

1 week ago

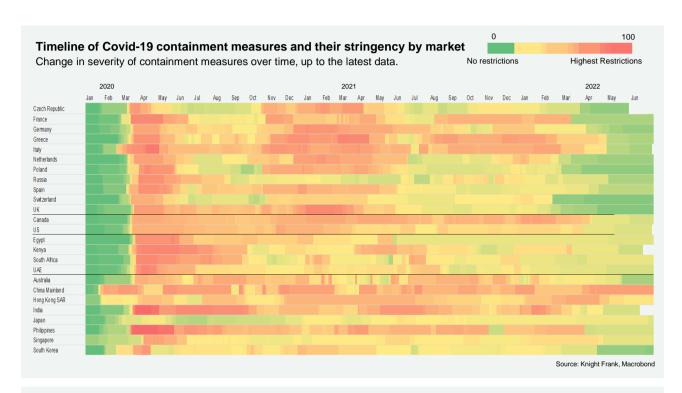
66.5%

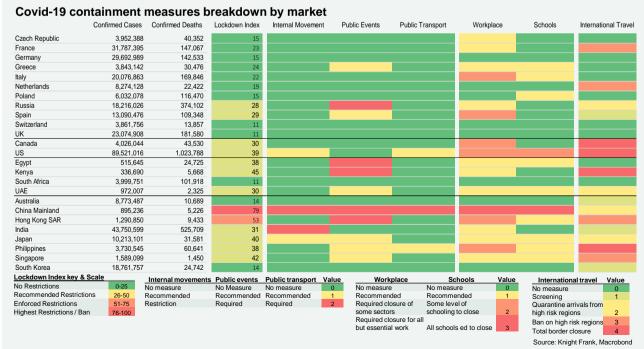
Last

66.5%



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ESG FUNDS & SUSTAINABLE FINANCE

\$120bn ESG funds Inflow 2021

- Inflows into ESG funds reached \$120bn in 2021. more than double 2020's \$51bn total.
- Global ESG assets may surpass \$41 trillion by 2022 and \$50 trillion by 2025, one-third of the projected total assets under management globally, according to Bloomberg.

40% Growth in US ESG

assets over past two

years

- Europe accounts for half of global ESG assets and dominated the market until 2018.
- The U.S is taking the lead with more than 40% growth in the past two years and is expected to exceed \$20 trillion in 2022, even if its pace of growth halves this year.

35%

Forecast growth in ESG EFTs by 2025

ICF UFA

- Bloomberg forecast a 35% growth in ESG exchange-traded funds' (ETFs) by 2025, expecting \$1.3 trillion in inflows into global ETFs.
- Despite a 4% share of total ETF assets, ESG ETFS accounted for over 10% of the ETF flows in 2021.
- Investments in ESG ETFs have increased for the past 38 months.

EMISSION TARGETS

UN IPCC

Under all emissions scenarios outlined in the UN's IPCC report, temperatures will pass 1.5°C above 1850-1900 levels by 2040 and extreme weather occurrences will be more frequent. Therefore, the Paris Agreement's goal of stabilising temperatures at 1.5°C above pre-industrial levels by the end of the century will require significant action.

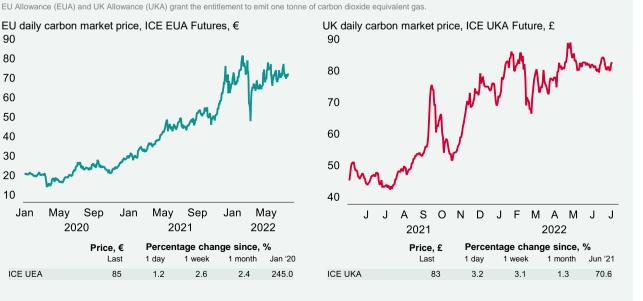
As result, the UK, US and EU have accelerated their emissions targets:

- **UK**: to reduce emissions by 78% before 2035 (vs 1990 levels).
- **EU**: to cut emissions by at least 55% by 2030 (vs 1990 levels).
- **US**: to cut emissions by 52% by 2030 (vs 2005 levels).

EU AND UK EMISSIONS TRADING SYSTEM TRACKER

EU daily carbon market price, ICE EUA Futures, € 90 80 70 60 50 40 30 20 10 Sep Sep May Jan May Jan May Jan 2020 2021 2022

Percentage change since, % Price, € 1 week 1 month 85 12 26 24 245.0





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MACROECONOMIC INDICATORS

Market	Population million	GDP \$tn	YoY	QoQ	In	terest rate				terest Inflation Jobless Budget GDP
stralia	26	1,331	3.3%	0.8%	0.35%		5.1%	5.1% 3.9%	5.1% 3.9% -7.8%	5.1% 3.9% -7.8% 24.8%
ustria	9	431	9.5%	1.5%	0.00%		8.0%	8.0% 5.7%	8.0% 5.7% -5.9%	8.0% 5.7% -5.9% 82.8%
Belgium	12	515	4.9%	0.5%	0.00%		9.0%	9.0% 5.7%	9.0% 5.7% -5.5%	9.0% 5.7% -5.5% 108.2%
Brazil	212	1,445	1.7%	1.0%	12.75%		12.1%	12.1% 10.5%	12.1% 10.5% -13.4%	12.1% 10.5% -13.4% 88.8%
Canada	38	1,644	2.9%	0.8%	1.50%		6.8%	6.8% 5.2%	6.8% 5.2% -4.7%	6.8% 5.2% -4.7% 117.8%
China Mainland	1,413	14,723	4.8%	1.3%	3.70%	2	2.1%	2.1% 6.1%	2.1% 6.1% -3.7%	2.1% 6.1% -3.7% 66.8%
Denmark	6	356	6.7%	-0.1%	-0.60%	6.7%		2.4%	2.4% 2.3%	2.4% 2.3% 36.7%
Egypt	101	363	5.4%	9.8%	11.25%	13.1%		7.2%	7.2% -6.1%	7.2% -6.1% 88.0%
Euro Area	342	13,011	5.1%	0.3%	0.00%	8.1%		6.8%	6.8% -5.1%	6.8% -5.1% 95.6%
Finland	6	270	3.6%	0.2%	0.00%	5.7%		6.9%	6.9% -2.6%	6.9% -2.6% 65.8%
France	67	2,630	4.5%	-0.2%	0.00%	5.2%		7.3%	7.3% -6.5%	7.3% -6.5% 112.9%
Germany	83	3,846	3.8%	0.2%	0.00%	7.9%		5.0%	5.0% -3.7%	5.0% -3.7% 69.3%
Hong Kong SAR	7	347	-4.0%	-3.0%	1.25%	1.3%		5.4%	5.4% -12.0%	5.4% -12.0% 38.4%
India	1,347	2,623	4.1%	1.8%	4.40%	7.8%		7.8%	7.8% -9.4%	7.8% -9.4% 74.0%
Indonesia	270	1,058	5.0%	-1.0%	3.50%	3.6%		5.8%	5.8% -4.7%	5.8% -4.7% 38.5%
Ireland	5	426	11.0%	10.8%	0.00%	7.0%		4.7%	4.7% -0.1%	4.7% -0.1% 56.0%
Israel	9	402	9.0%	-0.4%	0.75%	4.0%		3.5%	3.5% -11.7%	3.5% -11.7% 68.8%
Italy	60	1,886	6.2%	0.1%	0.00%	6.9%		8.4%	8.4% -7.2%	8.4% -7.2% 150.8%
Japan	126	4,975	0.2%	-0.2%	-0.10%	2.5%		2.5%	2.5% -12.6%	2.5% -12.6% 266.2%
Netherlands	17	914	7.0%	0.0%	0.00%	9.6%		3.2%	3.2% -2.5%	3.2% -2.5% 52.1%
Nigeria	206	432	3.1%	-14.7%	13.00%	16.8%		33.3%	33.3% -4.7%	33.3% -4.7% 35.0%
Norway	5	363	4.8%	-1.0%	0.75%	5.4%		3.3%	3.3% 9.1%	3.3% 9.1% 43.2%
Philippines	110	361	8.3%	1.9%	2.25%	4.9%		5.8%	5.8% -7.5%	5.8% -7.5% 53.5%
Poland	38	594	8.5%	2.5%	5.25%	13.9%		5.2%	5.2% -1.9%	5.2% -1.9% 53.8%
Romania	19	249	6.5%	5.2%	3.75%	13.8%		5.5%	5.5% -7.1%	5.5% -7.1% 48.8%
Russia	146	1,484	3.5%	-0.8%	11.00%	17.8%		4.0%	4.0% 0.8%	4.0% 0.8% 18.2%
Singapore	6	340	3.7%	0.7%	0.64%	5.4%		2.2%	2.2% -13.9%	2.2% -13.9% 131.0%
South Africa	59	302	1.7%	1.2%	4.75%	5.9%	3	34.5%	34.5% -5.7%	34.5% -5.7% 69.9%
South Korea	52	1,631	3.1%	0.7%	1.75%	5.4%		2.7%	2.7% -6.1%	2.7% -6.1% 42.6%
Spain	47	1,281	6.4%	0.3%	0.00%	8.7%		13.7%	13.7% -6.9%	13.7% -6.9% 118.4%
Sweden	10	541	3.0%	-0.8%	0.25%	6.4%		8.2%	8.2% -0.2%	8.2% -0.2% 36.7%
Switzerland	9	752	4.4%	0.5%	-0.75%	2.9%		2.3%	2.3% -0.7%	2.3% -0.7% 41.4%
Turkey	85	720	7.3%	1.2%	14.00%	73.5%		11.5%	11.5% -2.7%	11.5% -2.7% 42.0%
UAE	10	421	3.8%	2.0%	2.25%	2.5%		5.0%	5.0% -0.8%	5.0% -0.8% 36.9%
UK	67	2,708	8.7%	0.8%	1.00%	9.0%		3.7%	3.7% -15.0%	3.7% -15.0% 94.0%
US	329	20,937	3.5%	-1.5%	1.00%	8.3%		3.6%	3.6% -16.7%	3.6% -16.7% 137.2%

Source: Trading Economics



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Recent research



UK Hotel Capital

In the latest edition of the UK Hotel Capital Markets Investment Review, we provide a comprehensive analysis of UK hotel transaction activity for 2021, outline the key investment trends and walk you through our Knight Frank predictions for the year arhead.



UK Healthcare Property Overview

In the 2021/22 edition of our UK Healthcare Property Market Overview, we look at several standout market trends from the past year and present a forward view on what we believe to be continuing trends throughout 2022.

Contributors



William Matthews

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



Victoria Ormond, CFA

Partner Head of Capital Markets Research +44 207861 5009

victoria.ormond@knightfrank.com



Antonia Haralambous

Associate Capital Markets Research +44 20 3866 8033

antonia.haralambous@knightfrank.com

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