

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

NEED TO KNOW

23 November 2021

+6.4%

Consensus UK consumer spending forecast, 2022 UK economy to expand by +5% in 2022. The most recent treasury consensus forecasts highlight a strong outlook for the UK, with output predicted to grow by +5% next year. Consumer spending will play a significant role in this leg of the recovery, with the OBR forecasting a +9.8% uplift (ahead of the consensus average of 6.4%). This comes as GfK's latest UK consumer confidence index improved by 3 points to -14 in November, beating market expectations of a 1 point decline. The present consumer optimism is all the more impressive given the UK's current decade high inflation of 4.2%, alongside worries over potential interest rate hikes and the end of the furlough scheme, which could all potentially impact household finances this winter.

\$600bn

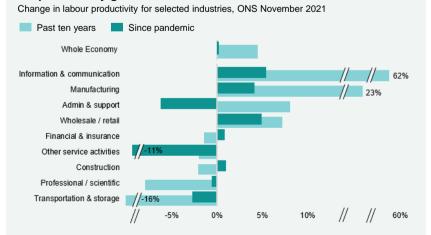
Value of worldwide IPOs, 2021 YTD Corporate activity reached record levels in 2021. What comes next? Approximately 2,850 businesses and special purpose acquisition companies have raised c.\$600bn in IPOs so far this year, an increase of +62% and +43%, respectively compared to 2020 and the previous historic record set in 2007. 2021 has also been a record year for M&A transactions as businesses have sought to 'buy growth'. These levels will be tough to beat in 2022. Current indications are that the focus will shift to more traditional capital expenditure in existing businesses, with multiple surveys highlighting strong corporate appetite for expansion.

+8.9%

Forecast increase in UK capital spending, 2022

Will a capex rally kickstart productivity growth in 2022? Inflationary pressures mean that labour (wages) is becoming more expensive, while capital (borrowing) remains historically cheap. Consequently, optimistic businesses seeking to expand might reasonably be expected to invest in new machinery, technologies and automation, ahead of additional people. Most forecasters agree: while unemployment is expected to edge down next year, the OBR predicts an almost 10% increase in capital spending – ultimately a positive for construction, demand for sites/facilities, and local economic growth. The big question is the extent to which a renewed focus on capital expenditure will serve to boost the UK's decade-long slump in labour productivity growth.

UK productivity growth: a mixed record



Sources: Bank of England, Bloomberg, CPB, Financial Times, HM Treasury, OBR, ONS, Trading Economics, Knight Frank

LOOKING AHEAD BoE Chief Economist Outlook

On Friday, the Bank of England's (BoE) chief economist, Huw Pill, will present his outlook for the UK economy. October's Retail Sales figures, strong jobs data and inflation reaching 4.2% are all supportive of a potential rate hike in December. Pill was one of the first BoE monetary policy committee members to support tightening discussions and he will now have more ammunition to support this stance.

UK Energy Trends

Later this week, the UK's Energy Trends figures for Q3 will be published by the ONS. The previous quarter's energy trends report found that total energy consumption increased 33% on Q2 2020's record lows, when the pandemic contained travel and other activities. For Industrial use, energy consumption was +17% higher in Q2 2021 than in the same quarter a year prior. Alongside consumption increasing, total energy production declined -27% year on year in Q2 2021, with production of oil and gas falling to a record low. Understanding the supply demand imbalance in the latest energy trends data will be useful when considering higher levels of UK inflation, which reached a near decade high in October.

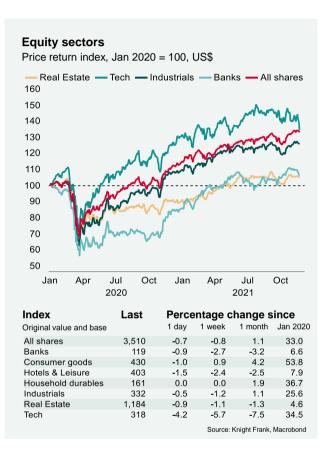
World Trade

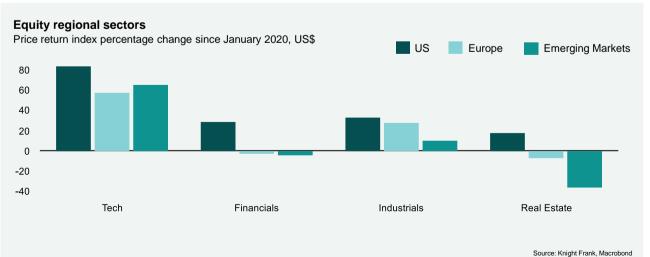
On Thursday, the CPB World Trade monitor will release its latest figures, documenting the health of international imports and exports. In August, global goods posed a strong rebound, with trade increasing by +8% year on year. Across the advanced economies, the monitor also found that export volumes were well above pre-pandemic levels. September's figures are expected to further disprove the 'end of globalisation' narrative that was fuelled by the pandemic, with countries continuing to increasingly rely on one another for trade.



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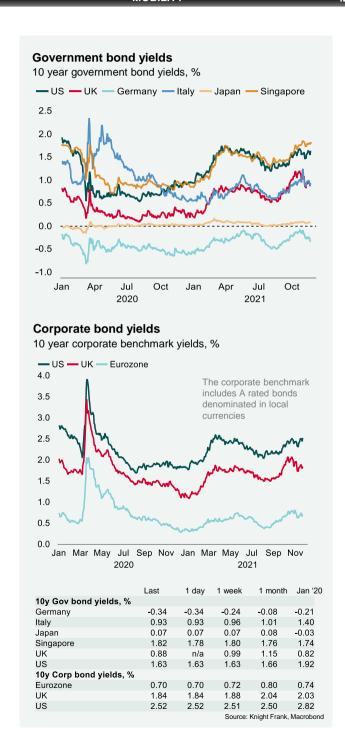


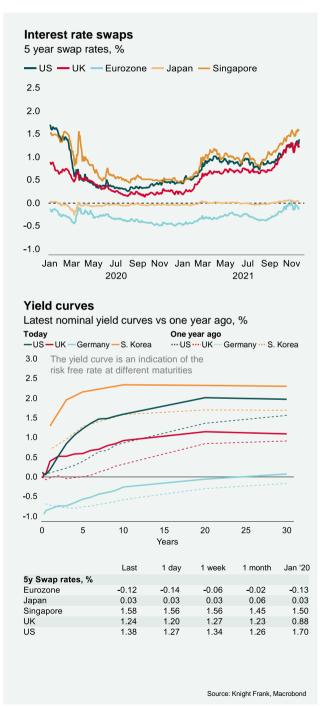






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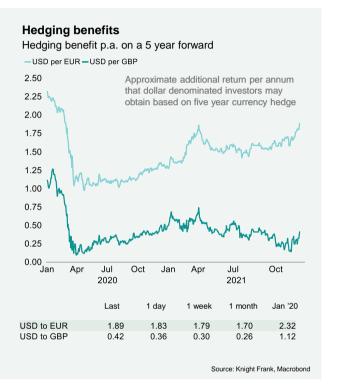






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Inflation and monetary policy

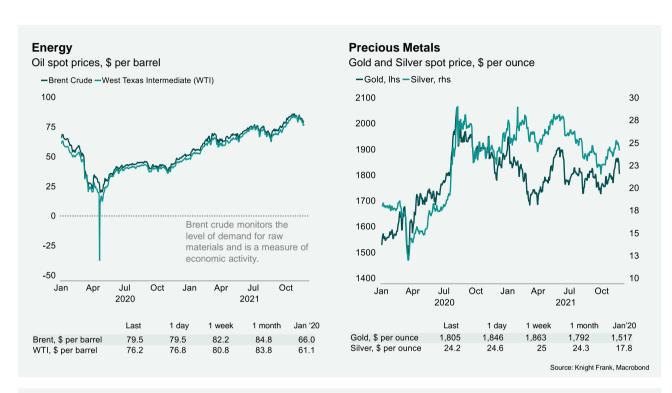
1		Inflation rate (%)			Interest rates (%)		Asset purch	
4.7 4.4 4.1 3.7 0.25 0.25 405 b 1.5 0.7 0.8 1.0 4.35 4.35 6.18 t 2.6 2.2 1.9 1.2 0.00 0.00 2.28 t 4.5 4.1 3.9 3.7 0.00 0.00 3.23 t 4.5 4.3 5.3 5.6 4.00 4.00 465 b 3.0 2.5 2.0 1.9 0.00 0.00 1.8 tr 0.1 0.2 -0.4 -0.3 -0.10 -0.10 6.36 t abia 0.8 0.6 0.3 0.4 1.00 1.00 499 b brea 3.2 2.5 2.6 2.6 2.6 0.75 0.50 489 b 5.4 4.0 3.3 2.9 0.00 0.00 487 b 2.8 2.5 2.1 1.4 0.00 0.00 1.18 tr 4.2 3.1 3.2 2.0 0.10 0.10 1.18 tr		Oct	Sep	Aug	Jul	Last	Jan '21	Lastest
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orea 3.2 2.5 2.6 2.6 0.75 0.50 489 bn 5.4 4.0 3.3 2.9 0.00 0.00 487 bn 2.8 2.5 2.1 1.4 0.00 0.00 176 bn 4.2 3.1 3.2 2.0 0.10 0.10 1.18 tn	an	0.1	0.2	-0.4	-0.3	-0.10	-0.10	6.36 tn
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2.8 2.5 2.1 1.4 0.00 0.00 176 bn 4.2 3.1 3.2 2.0 0.10 0.10 1.18 tn	uth Korea	3.2	2.5	2.6	2.6	0.75	0.50	489 bn
4.2 3.1 3.2 2.0 0.10 0.10 1.18 tn	ain	5.4	4.0	3.3	2.9	0.00	0.00	487 bn
	eden	2.8	2.5	2.1	1.4	0.00	0.00	176 bn
		4.2	3.1	3.2	2.0	0.10	0.10	1.18 tn
6.2 5.4 5.2 5.3 0.25 0.25 8.67 tn		6.2	5.4	5.2	5.3	0.25	0.25	8.67 tn

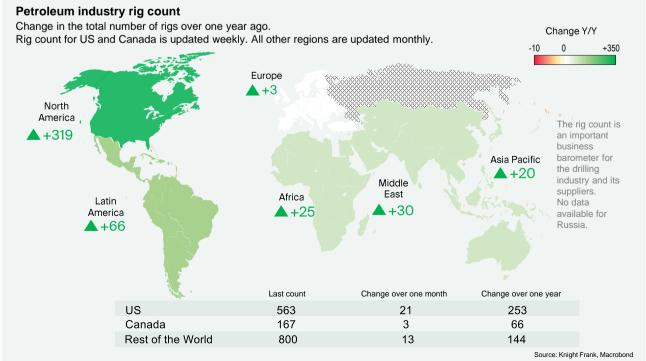
1. Australia Inflation rate is only available on a quarterly basis.

Source: Knight Frank, Macrobond



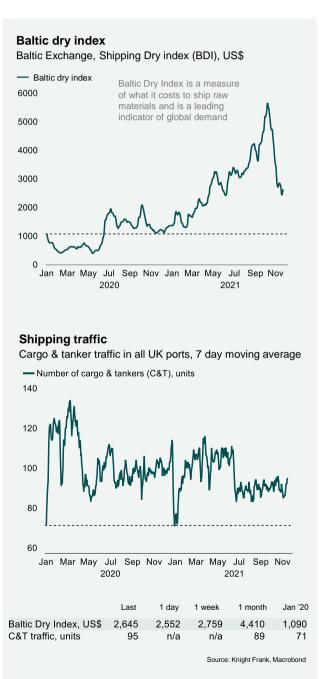
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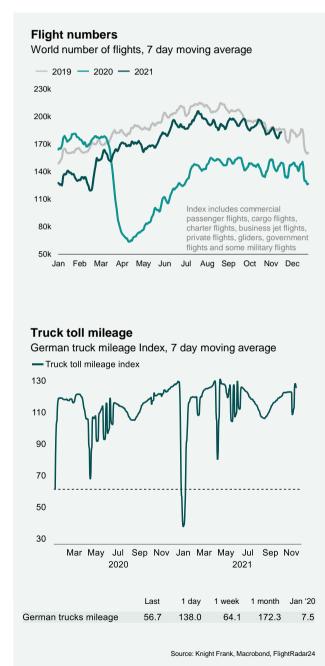






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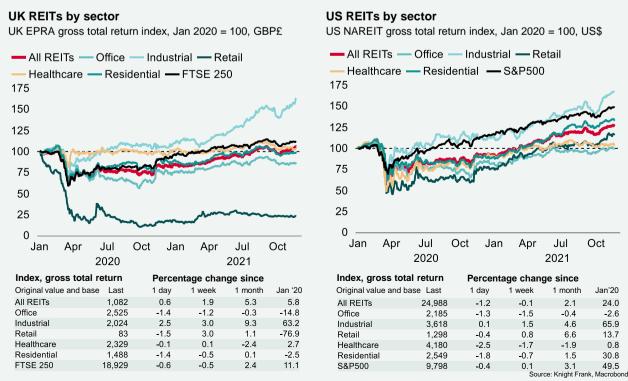






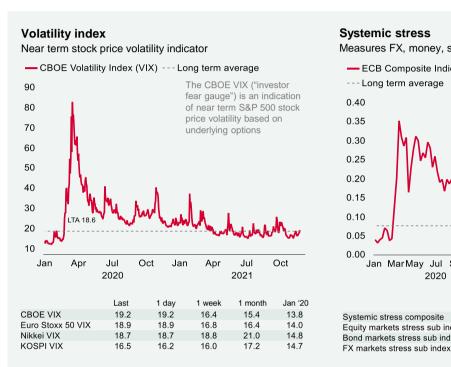
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Measures FX, money, sovereign and bond yield volatility - ECB Composite Indicator of Systemic Stress (CISS) The CISS is an indicator of instability across the whole financial system (hence "systemic stress") LTA 0.0762 Jan MarMay Jul Sep Nov Jan Mar May Jul Sep Nov 2020 2021 Jan'20 Last 1 week 1 month 0.052 0.024 0.022 0.051 Systemic stress composite Equity markets stress sub index 0.015 0.010 0.045 0.009 Bond markets stress sub index 0.044 0.035 0.039 0.020 0.050 0.007 0.013 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).

	Las	st 1 week	1 month
Brazil	1	5 12	7
Nigeria	9	9 7	5
South Korea	•	1 3	-4
Turkey	-	1 6	2
South Africa	-	1 -6	-2
Mexico	-	3 -4	1
Japan	-	8 -12	-10
India	-1	IO - 19	-12
Australia	-1	l1 - 14	-17
Italy	-1	12 -17	-12
Germany	-1	12 -16	-13
Russia	-1	13 -16	-15
France	-1	19 -30	-9
Singapore	-2	20 -25	-17
Netherlands	-2	20 -18	-16
US	-2	21 -21	-20
Canada	-2	23 -23	-24
UK	-2	24 -25	-22

Source: Knight Frank, Macrobond

Public transport mobility

Citymapper Mobility Index change since March '20, %

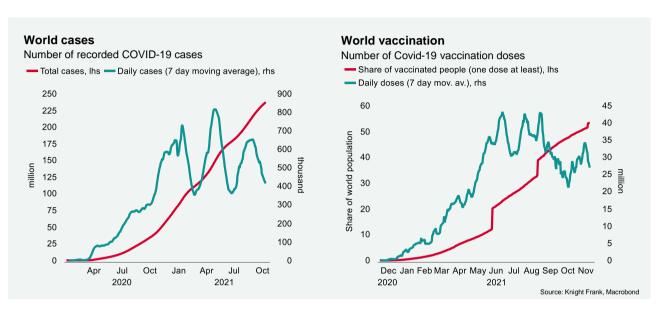
7 day moving average of daily trips planned and taken compared to each city's baseline (4 week average between Jan 2020 - Feb 2020).



Source: Knight Frank, Macrobond



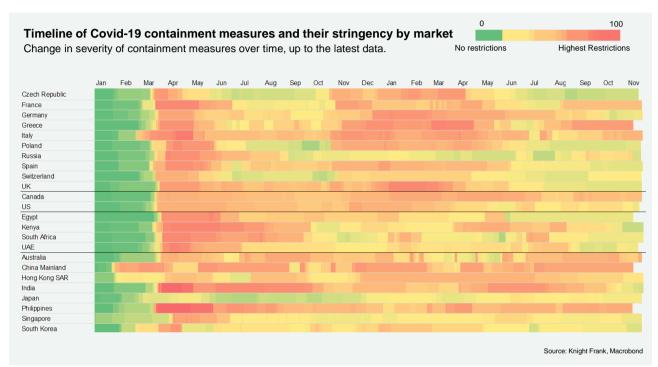
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Cases and vaccinations breakdown by country Total cases New cases People vaccinated New doses 1 week ago 1 month ago Thousands Population (%) Millions Last day Last 7days av. 15,322 Australia 02 1.479 1,093 2.643 19,829 Brazil 22.0 8,833 14,642 15,609 162,437 76 346,353 2,638 30.171 79 8.750 Canada 1.8 2,616 2,641 51 1,225,000 85 953,898 China 0.1 49 61 78 1,247 4,542 564 Denmark 0.5 3,415 3,223 7.2 19.785 12.475 5.498 51,716 77 31,097 France 70 5.4 30,643 23,607 19,572 58,697 55,300 Germany 0.9 6 922 67 8 769 Greece 4.108 3,842 3.376 8,488 10,229 769,597 55 997,181 India 34.5 15,786 Ireland 0.5 4,181 3,805 2,029 3,846 77 3,823 4.9 9,707 7,569 3,794 47,009 78 27,681 Italy Japan 1.7 141 146 351 99,546 79 33,795 13,171 77 2,482 Netherlands 20.717 12.000 2.4 5,178 716 4,229 77 538 Norway 0.2 1.784 1,088 89 865 9,054 617 Portugal 1.1 2,499 1,483 Russia 9.4 35,681 38,420 37,141 64,096 44 123,349 Saudi Arabia 0.5 36 30 46 24,523 69 6,235 3,439 5,071 93 0.3 1,670 1,723 149 Singapore South Africa 2.9 687 262 520 16,653 28 14,186 42,290 2,827 2,006 82 28,176 South Korea 0.4 1,440 Spain 5.1 2.842 2.071 38,237 82 22,484 4 286 UK 9.8 39,458 36,128 51,484 50,777 74 57,264 US 47.4 69 132,830 115,925 58,690 76,845 230,733 Change since People vaccinated Share of population **Total cases** Total (mn) 1 week ago 1 month ago Total (mn) Last 1 week ago 1 month ago World 257 1.5% 5.8% 720 53.4% 51.3% 48.5%



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Covid-19 containment measures breakdown by market Confirmed Cases Confirmed Deaths Public Events Public Transport International Travel Czech Republic 1 995 291 32 079 7,231,148 Germany 5.400.687 99,130 17,313 133,177 878,920 Italy 4.925.688 80,822 259,107 3 345 388 42 9,170,898 Russia Spain 5.080.663 87,810 9.845.492 UK 143.927 1,773,959 47,730,591 Canada Egypt Kenya 350 397 South Africa 2.929.862 89.574 45 Australia 199.649 1.948 China Mainland 98,505 4,636 12,401 Hong Kong SAR 213 34.518.901 465.911 1,725,850 Japan Philippines 2.826.410 47.074 662 3,298 South Korea Lockdown Index key & Scale Internal movements Public events Public transport No measure No Measure No measure Workplace International travel No Restrictions Recommended Restrictions 0-25 No measure No measure Recommended Recommended Recommended Recommended Recommended Screening Quarantine arrivals from 26-50 Enforced Restrictions Restriction Required closure of Some level of Highest Restrictions / Ban schooling to close high risk regions Required closure for all Ban on high risk regions but essential work All schools ed to close Total border closure Source: Knight Frank, Macrobond



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ESG FUNDS & SUSTAINABLE FINANCE

7x

The growth of capital inflow into ESG funds in 2020

- Inflows into ESG funds grew sevenfold to \$15bn between 2019 and 2020.
- ESG funds have taken \$84 out of every net \$100 flowing into equity funds over the same period.

48%

The growth of sustainable bonds in Q1 2021 vs Q4 2020

- Global sustainable finance bond issuance increased 48% to \$286.5bn in Q1 2021 compared to the previous quarter, the highest quarterly level on record.
- Sustainable finance bonds' share of global debt capital markets reached 11.5% in Q1 2021, up from 9.5% in Q4 2020.

62%

The growth in sustainable equity in Q1 2021 vs Q4 2020

- Equity issuance from sustainable companies increased 62% over the quarter to \$11.2bn in Q1 2021.
- The Americas accounted for 75% of the sustainable equity market, followed by Europe (24%).

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:

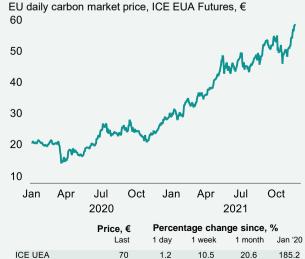
- **UK**: to reduce emissions by 78% before 2035 (vs 1990 levels).
- EU: to cut emissions by at least 55% by 2030 (vs 1990 levels).
- US: to cut emissions by 52% by 2030 (vs 2005 levels).

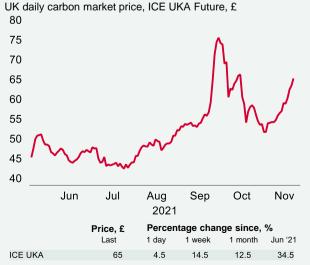
EU AND UK EMISSIONS TRADING SYSTEM TRACKER

EU Allowance (EUA) and UK Allowance (UKA) grant the entitlement to emit one tonne of carbon dioxide equivalent gas.

EU daily carbon market price, ICE EUA Futures, €

UK daily carbon market







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MACROECONOMIC INDICATORS

Market	Population	GDP		
	million	\$tn	YoY	QoQ
Australia	26	1,331	9.6%	0.7%
Austria	9	431	4.8%	3.3%
Belgium	12	515	4.7%	1.8%
Brazil	212	1,445	12.4%	-0.1%
Canada	38	1,644	12.7%	-0.3%
China Mainland	1,444	14,723	4.9%	0.2%
Denmark	6	356	9.8%	2.0%
Egypt	101	363	7.2%	2.9%
Euro Area	342	13,011	3.7%	2.2%
Finland	6	270	4.0%	0.9%
France	67	2,630	3.3%	3.0%
Germany	83	3,846	2.5%	1.8%
Hong Kong SAR	7	347	5.4%	0.1%
India	1,347	2,623	20.1%	-10.2%
Indonesia	270	1,058	3.5%	1.6%
Ireland	5	426	21.6%	6.3%
Israel	9	402	5.9%	0.6%
Italy	60	1,886	3.8%	2.6%
Japan	126	4,975	1.4%	-0.8%
Netherlands	17	914	5.0%	1.9%
Nigeria	206	432	4.0%	11.1%
Norway	5	363	5.1%	3.8%
Philippines	110	361	7.1%	3.8%
Poland	38	594	5.1%	2.1%
Romania	19	249	7.2%	0.3%
Russia	146	1,484	4.3%	3.5%
Singapore	6	340	6.5%	0.8%
South Africa	59	302	19.3%	1.2%
South Korea	52	1,631	4.0%	0.3%
Spain	47	1,281	2.7%	2.0%
Sweden	10	541	4.7%	1.8%
Switzerland	9	752	7.7%	1.8%
Turkey	84	720	21.7%	0.9%
UAE	10	421	-6.1%	2.0%
UK	67	2,708	6.6%	1.3%
US	329	20,937	4.9%	2.0%

			Gov.	Debt/	Current
Interest	Inflation	Jobless	Budget	GDP	Account/ GDP
Interest rate	rate	rate	% of GDP	GDP %	Account/ GDP
0.10%	3.0%	5.2%	-4.3%	24.8%	2.5
		6.5%			2.5
0.00%	3.7%		-8.9%	83.9%	-0.2
0.00%	4.2% 10.7%	6.3%	-9.4%	114.1%	-0.2 -0.72
7.75%		13.2%	-13.4%	88.8%	
0.25%	4.7%	6.7%	-15.9%	117.8%	-1.9
3.85%	1.5%	4.9%	-3.7%	66.8%	1.9
-0.60%	3.0%	3.3%	-3.5%	42.2%	7.8
8.25%	6.3%	7.5%	-9.0%	88.0%	-3.5
0.00%	4.1%	7.4%	-7.2%	98.0%	3.0
0.00%	3.2%	7.0%	-5.4%	69.2%	0.3
0.00%	2.6%	8.1%	-9.2%	115.7%	-1.9
0.00%	4.5%	3.4%	-4.2%	69.8%	7
0.86%	1.7%	4.3%	-12.0%	38.4%	6.6
4.00%	4.5%	6.9%	-9.4%	74.0%	0.9
3.50%	1.7%	6.5%	-6.5%	38.5%	-0.44
0.00%	5.1%	5.2%	-5.0%	59.5%	4.6
0.10%	2.3%	5.0%	-11.7%	71.1%	4.9
0.00%	3.0%	9.2%	-9.5%	155.8%	3.6
-0.10%	0.1%	2.8%	-12.6%	266.2%	3.2
0.00%	3.4%	2.9%	-4.3%	54.5%	7.8
11.50%	16.0%	33.3%	-3.8%	35.0%	-4.2
0.25%	3.5%	4.2%	-3.4%	46.0%	2
2.00%	4.6%	6.9%	-7.5%	53.5%	3.6
1.25%	6.8%	5.6%	-7.0%	57.5%	3.6
1.75%	7.9%	5.0%	-9.2%	47.3%	-5.1
7.50%	8.1%	4.3%	-3.8%	17.8%	2.4
0.22%	2.5%	2.6%	-13.9%	131.0%	17.6
3.75%	5.0%	34.4%	-10.0%	80.3%	2.2
0.75%	3.2%	3.2%	-6.1%	42.6%	3.5
0.00%	5.4%	14.6%	-11.0%	120.0%	0.7
0.00%	2.8%	7.6%	-3.1%	39.9%	5.2
-0.75%	1.2%	2.5%	-2.6%	42.9%	3.8
15.00%	19.9%	11.5%	-3.4%	39.5%	-5.1
1.50%	1.2%	5.0%	-0.8%	36.9%	5.9
0.10%	4.2%	4.3%	-14.9%	94.9%	-3.5
0.25%	6.2%	4.6%	-14.9%	128.1%	-3.1

Source: Trading Economics



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