



MONTHLY NEWSLETTER, SEP 2022 3 OCTOBER 2022



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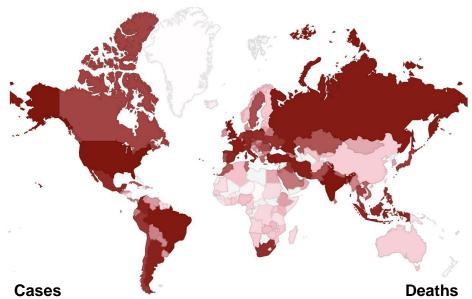


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Covid-19 Update



Country	Last	Previous	Reference	Unit
· ·				
World	614385693	614060091	Sep/22	Persons
United States	80155397	80150811	Apr/22	Persons
India	44587307	44583360	Sep/22	Persons
Brazil	24764838	24535884	Jan/22	Persons
South Korea	24740635	24709789	Sep/22	Persons
France	23057326	23011998	Mar/22	Persons
United Kingdom	22243056	22240042	Jul/22	Persons
Japan	21187043	21118325	Sep/22	Persons
Russia	20985756	20948470	Sep/22	Persons
Turkey	16873793	16852382	Sep/22	Persons
Germany	16242070	16026216	Mar/22	Persons
Italy	13159342	13109527	Mar/22	Persons
Spain	11508309	11451676	Mar/22	Persons
Vietnam	11476908	11475321	Sep/22	Persons
Australia	10191312	10184609	Sep/22	Persons
Netherlands	8422336	8419722	Sep/22	Persons
Argentina	8207752	8130023	Jan/22	Persons
China	7572246	7522247	Sep/22	Persons

Country	Last	Previous	Reference	Unit
World	6522600	6520932	Sep/22	Persons
United States	982565	982533	Apr/22	Persons
Brazil	625085	624413	Jan/22	Persons
India	528629	528611	Sep/22	Persons
Russia	387269	387163	Sep/22	Persons
Mexico	304308	303776	Jan/22	Persons
Peru	216539	216526	Sep/22	Persons
United Kingdom	162147	162008	Mar/22	Persons
Indonesia	158112	158093	Sep/22	Persons
Italy	156357	156201	Mar/22	Persons
Iran	141464	141456	Jul/22	Persons
France	139275	139243	Mar/22	Persons
Colombia	133019	132737	Jan/22	Persons
Germany	124764	124450	Mar/22	Persons
Argentina	120352	120019	Jan/22	Persons
Poland	117569	117539	Sep/22	Persons
Ukraine	109206	109045	Sep/22	Persons
Spain	102218	102392	Mar/22	Persons
South Africa	102169	102146	Sep/22	Persons
Turkey	99057	99032	Jul/22	Persons

Source: https://tradingeconomics.com/country-list/coronavirus-cases, as of 2 Oct 2022

Global Economy

Country	GDP	GDP YoY	GDP QoQ	Interest Rate	Inflation Rate	Jobless Rate	Gov. Budget	Debt/GDP	Current Account	Population
United States	22996	1.80	-0.60	3.25	8.30	3.70		137.20	-3.60	332.40
China	17734	0.40	-2.60	3.65	2.50	5.30	-3.70	66.80	1.80	1412.60
Euro Area	14493	4.10	0.80	1.25	10.00	6.60	-5.10	95.60	2.50	342.56
Japan	4937	1.60	0.90	-0.10	3.00	2.50	-12.60	266.20	3.20	125.31
Germany	4223	1.70	0.10	1.25	10.00	5.50	-3.70	69.30	7.40	83.16
United Kingdom	3187	4.40	0.20	2.25	9.90	3.60	-6.00	95.90	-2.60	67.53
India	3173	13.50	-1.40	5.90	7.00	8.30	-9.40	73.95	-1.70	1380.00
France	2937	4.20	0.50	1.25	5.60	7.40	-6.50	112.90	0.40	67.63
Italy	2100	4.70	1.10	1.25	8.90	7.80	-7.20	150.80	2.50	59.24
Canada	1991	2.90	0.80	3.25	7.00	5.40	-4.70	117.80	0.10	38.44
South Korea	1799	2.90	0.70	2.50	5.70	2.50	-6.10	42.60	4.90	51.74
Russia	1776	-4.10	-0.80	7.50	14.30	3.80	0.80	18.20	6.80	145.55
Brazil	1609	3.20	1.20	13.75	8.73	8.90	-4.50	80.27	-1.80	213.32
Australia	1543	3.60	0.90	2.35	6.10	3.50	-7.80	24.80	3.20	25.77
Spain	1425	6.80	1.50	1.25	9.00	12.48	-6.90	118.40	0.90	47.40
Mexico	1293	2.00	0.90	9.25	8.70	3.50	-3.80	52.10	2.40	126.25
Indonesia	1186	5.44	3.72	4.25	4.69	5.83	-4.65	38.50	0.30	272.70
Netherlands	1018	5.10	2.60	1.25	12.00	3.80	-2.60	52.40	9.00	17.48
Saudi Arabia	834	12.20	2.20	3.75	3.00	5.80	-11.20	32.50	6.60	34.11
Turkey	815	7.60	2.10	12.00		10.10	-2.70	42.00	-1.70	84.68
Switzerland	813	2.80	0.30	0.50	3.50	2.00	-0.70	41.40	9.30	8.67
Poland	674	5.50	-2.10	6.75	17.20	4.80	-1.90	53.80	-0.70	37.84
Taiwan	669	3.05	-1.80	1.63	2.66	3.67	-4.50	28.20	9.50	23.55
Sweden	627	3.80	0.90	1.75	9.80	6.60	-0.20	36.70	5.30	10.38
Belgium	600	3.30	0.20	1.25	11.27	5.90	-5.50	108.20	-0.40	11.55

Source: www.tradingeconomics.com, as of 2 October 2022 (GDP figures are provided in USD billion)

UK & US Economic Calendar – Key Events Macro Outlook Inflation is becoming more broad-based and isn't going away 7 Oct > Unemployment Rate United States easily. Most analysts expect the pace of rate hikes to continue • 11 Oct > Unemployment Rate # United Kingdom unless rents and wages show signs of easing. 12 Oct > GDP Growth Rate **United Kingdom** Central banks backed up their tough talk with policy rate hikes 12 Oct > PPI MoM **United States** totalling 1.5% from the Fed, 1.25% from the European Central 13 Oct > Inflation Rate YoY **United States** Bank and +1% from the Bank of England. Markets also moved 14 Oct > Retail Sales MoM United States to price in a much more aggressive path of future rate hikes, with rates now expected to rise to 4.5%, 3.5% and 5.75% by next year in the US, Europe and UK respectively. On the economic growth front, the data published over the third quarter, continued to point to a global growth slowdown. **Equities Bonds** Developed market equities fell 6% over the quarter. Year-to-• Global bonds fell 7% in Q2 2022. Year-to-date, bonds are date, stocks are down over 22%. In addition to the negative down over 13%. returns, volatility has been high, and inflation has risen to The new UK government announced a substantial unfunded levels not seen in 40 years. Stocks, bonds, and a balanced fiscal package that will significantly increase government borrowing. Markets reacted very negatively to the 60/40 portfolio are all having one of their worst starts to the year since 1928. announcement, with sterling falling sharply and Gilt yields · Against a backdrop characterised by elevated inflation and increasing substantially. UK borrowing costs rose so rapidly slowing growth, global equity market valuations have now following the announcement of the fiscal package that the generally fallen below their 25-year averages. Even in the US, Bank of England was forced to intervene to purchase longthe market is currently trading on a price-to-earnings (P/E) dated government bonds towards the end of September. ratio of 15.6 vs. a long-term average of 16.6. However, these Nevertheless, UK 10-year Gilt yields still ended September at valuations are based on current consensus analyst forecasts 4% compared with 2.2% at the start of the quarter. for earnings growth, which are gradually being revised down. • The ECB hiked its policy rate by 0.75% in September. **Commodities** FX · Sterling has collapsed in response to plans from the British In Europe, the energy crisis continued to dominate the headlines as Russia completely halted gas flows through the government to ease taxes without any parallel move to lower key Nord Stream 1 pipeline at the start of September. spending, reaching to its lowest level since the UK adopted

decimalization of its currency in the 1970s.

Note: Past performance is no guarantee of future results

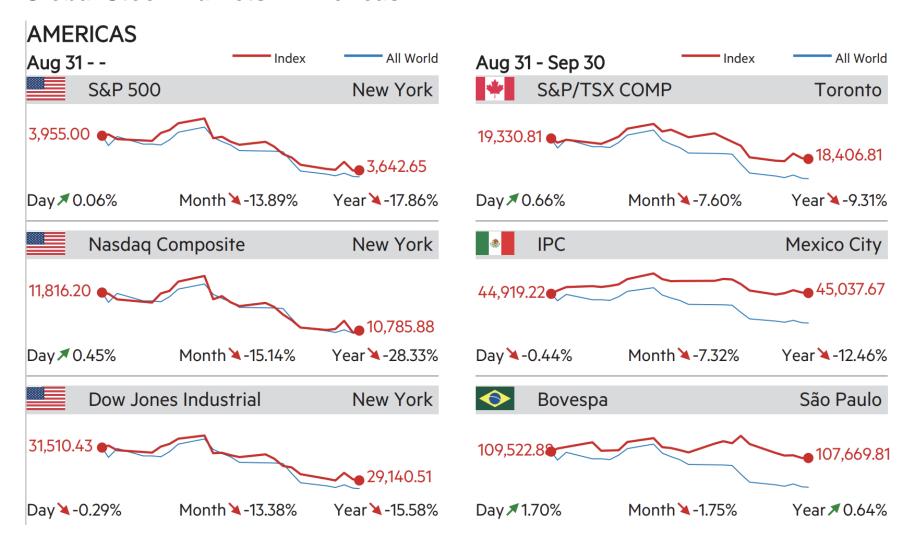
• OPEC+ is meeting to discuss potential production cuts.

Global Markets Overview: Asset Class and Style Returns

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	Q3 2022
Small cap 26.6%	Global Agg 5.6%	Global REITS 23.0%	Small cap 32.9%	Global REITS 22.9%	Growth 3.5%	Small cap 13.3%	MSCI EM 37.8%	Global Agg -1.2%	Growth 34.1%	Growth 34.2%	Global REITs 32.6%	Cmdty 13.6%	Cmdty -4.1%
Global REITS 22.8%	Global REITS 2.3%	MSCI EM 18.6%	Value 27.5%	Growth 6.5%	Global REITS 0.6%	Value 13.2%	Growth 28.5%	Global REITS -4.9%	DM Equities 28.4%	MSCI EM 18.7%	Cmdty 27.1%	Value -18.1%	Growth -5.0%
MSCI EM 19.2%	Value -4.9%	Small cap 18.1%	DM Equities 27.4%	DM Equities 5.5%	Small cap 0.1%	Cmdty 11.8%	Small cap 23.2%	Growth -6.4%	Small cap 26.8%	DM Equities 16.5%	Value 22.8%	Global Agg -19.9%	Small cap -5.2%
Cmdty 16.8%	DM Equities -5.0%	Growth 16.6%	Growth 27.2%	Value 4.4%	DM Equities -0.3%	MSCI EM 11.6%	DM Equities 23.1%	DM Equities -8.2%	Global REITs 24.4%	Small cap 16.5%	DM Equities 22.3%	DM Equities -25.1%	DM Equities -6.1%
Growth 14.9%	Growth -5.1%	DM Equities 16.5%	Global REITS 2.3%	Small cap 2.3%	Global Agg -3.2%	DM Equities 8.2%	Value 18.0%	Value -10.1%	Value 22.7%	Global Agg 9.2%	Growth 21.4%	Small cap -26.4%	Global Agg -6.9%
DM Equities 12.3%	Small cap -8.7%	Value 16.4%	MSCI EM -2.3%	Global Agg 0.6%	Value -4.1%	Global REITS 6.5%	Global REITS 8.0%	Cmdty -11.2%	MSCI EM 18.9%	Value -0.4%	Small cap 16.2%	MSCI EM -26.9%	Value -7.1%
Value 9.8%	Cmdty -13.3%	Global Agg 4.3%	Global Agg -2.6%	MSCIEM -1.8%	MSCI EM -14.6%	Growth 3.2%	Global Agg 7.4%	Small cap -13.5%	Cmdty 7.7%	Cmdty -3.1%	MSCI EM -2.2%	Global REITs -28.6%	Global REITs -10.8%
Global Agg 5.5%	MSCI EM -18.2%	Cmdty -1.1%	Cmdty -9.5%	Cmdty -17.0%	Cmdty -24.7%	Global Agg 2.1%	Cmdty 1.7%	MSCI EM -14.2%	Global Agg 6.8%	Global REITs -10.4%	Global Agg -4.7%	Growth -32.3%	MSCI EM -11.4%

Source: JP Morgan Asset Management, https://am.jpmorgan.com/gb/en/asset-management/adv/insights/market-insights/monthly-market-review/
3 October 2022

Global Stock Markets - Americas



- Source: Financial Times
- All figures are as of 30 September 2022
- Monthly figures represent the period between 31 August and 30 September 2022

Global Stock Markets – Europe



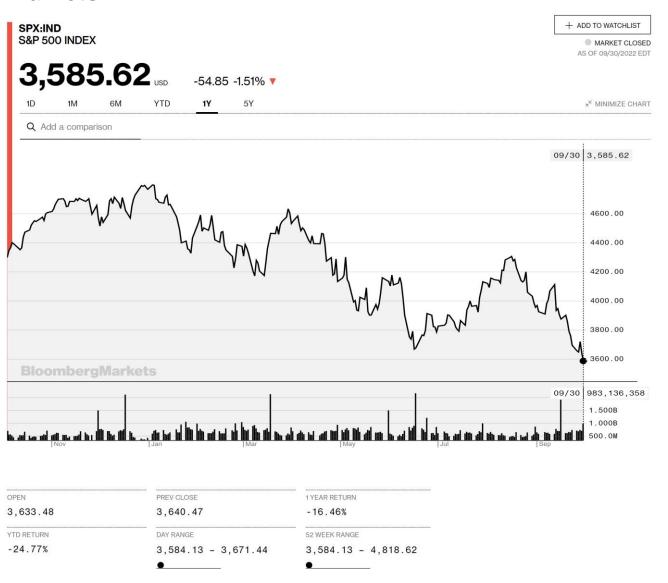
- Source: Financial Times
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Global Stock Markets - Asia



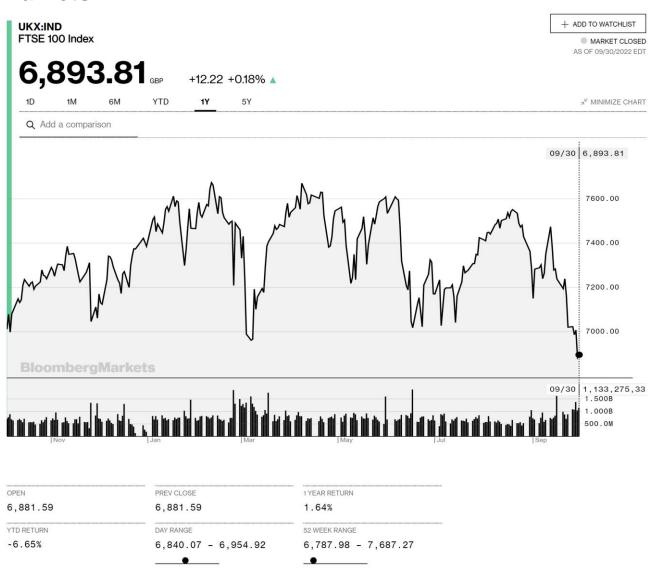
- Source: Financial Times
- All figures are as of 30 September 2022
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US Stock Markets



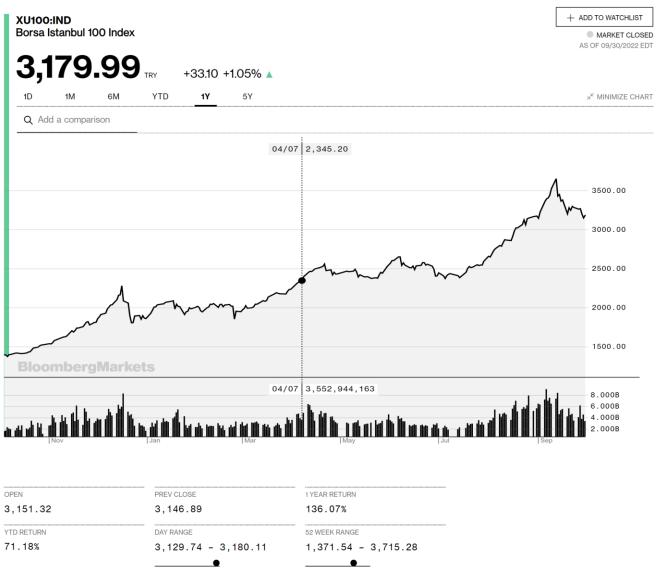
Source: Bloomberg

UK Stock Markets



- Source: Bloomberg
- All figures are as of 30 September 2022

Turkey Stock Markets



Source: Bloomberg

Global Bond Markets – Americas & Europe & Middle East

Americas 10-Year Government Bond Yields

COUNTRY	YIELD	1 DAY	1 MONTH	1 YEAR	TIME (EDT)
United States »	3.83%	+4	+64	+237	9/30/2022
Canada	3.17%	0	+8	+170	9/30/2022
Brazil	12.01%	-18	+7	+103	9/30/2022
Mexico	9.63%	-5	+65	+226	9/30/2022

Europe, Middle East & Africa 10-Year Government Bond Yields

COUNTRY	YIELD	1 DAY	1 MONTH	1 YEAR	TIME (EDT)
Germany »	2.10%	-7	+58	+233	9/30/2022
United Kingdom »	4.08%	-5	+117	+308	9/30/2022
France	2.71%	-8	+57	+259	9/30/2022
Italy	4.50%	-14	+68	+370	9/30/2022
Spain	3.27%	-8	+57	+286	9/30/2022
Netherlands	2.41%	-7	+57	+253	9/30/2022
Portugal	3.17%	-7	+57	+285	9/30/2022
Greece	4.81%	-6	+65	+400	9/30/2022
Switzerland	1.15%	-9	+37	+139	9/30/2022

Source: Bloomberg

Global Bond Markets - Asia Pacific

Asia Pacific 10-Year Government Bond Yields

COUNTRY	YIELD	1 DAY	1 MONTH	1 YEAR	TIME (EDT)
Japan »	0.23%	-1	+0	+18	9/30/2022
Australia »	3.88%	-5	+24	+240	9/30/2022
New Zealand	4.28%	+10	+32	+219	9/29/2022
Singapore	3.46%	0	+41	+191	9/30/2022
South Korea	4.25%	+425			9/28/2022
India	7.39%	+6	+16	+115	9/30/2022

· Source: Bloomberg

UK Bond Markets

Gilt Yields

COUPON	PRICE	YIELD	1 DAY	1 MONTH	1 YEAR	TIME (EDT)
1.00	95.24	4.17%	-10	+110	+381	9/30/2022
1.25	86.59	4.36%	-3	+154	+376	9/30/2022
4.25	101.31	4.08%	-5	+117	+308	9/30/2022
1.25	55.36	3.81%	-14	+54	+245	9/30/2022
	1.00 1.25 4.25	1.00 95.24 1.25 86.59 4.25 101.31	1.00 95.24 4.17% 1.25 86.59 4.36% 4.25 101.31 4.08%	1.00 95.24 4.17% -10 1.25 86.59 4.36% -3 4.25 101.31 4.08% -5	1.00 95.24 4.17% -10 +110 1.25 86.59 4.36% -3 +154 4.25 101.31 4.08% -5 +117	1.00 95.24 4.17% -10 +110 +381 1.25 86.59 4.36% -3 +154 +376 4.25 101.31 4.08% -5 +117 +308

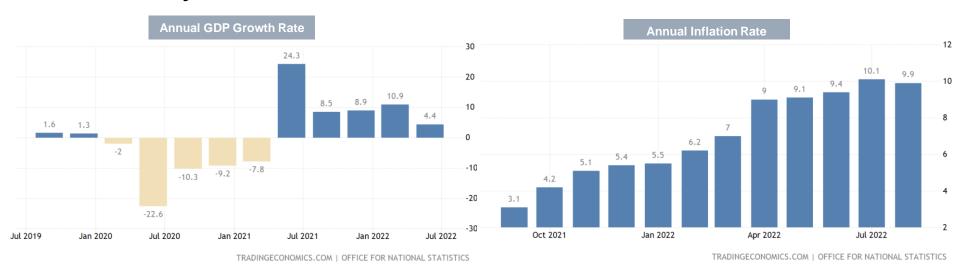
Bank of England Rates

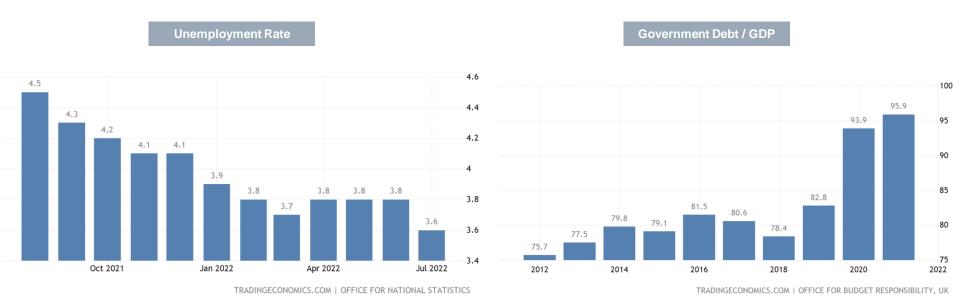
RATE	CURRENT	1 YEAR PRIOR
UKBRBASE:IND Official Bank Rate	2.25	0.10
UKAPTARG:IND Asset Purchase Program Target (Billions of GBP)		875.00

Asset Purchase Program Target (Billions of GBP

- Source: Bloomberg
- All figures are as of 30 September 2022

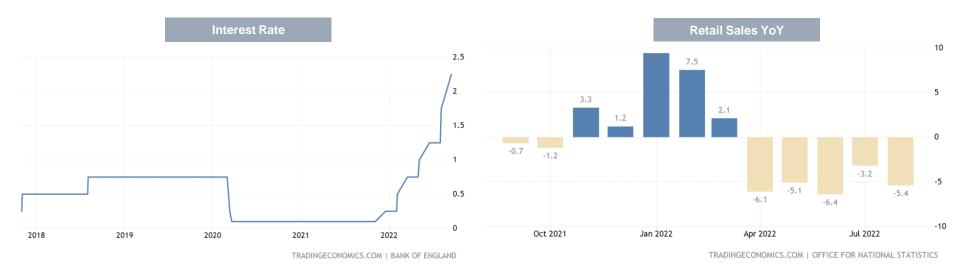
UK Economy

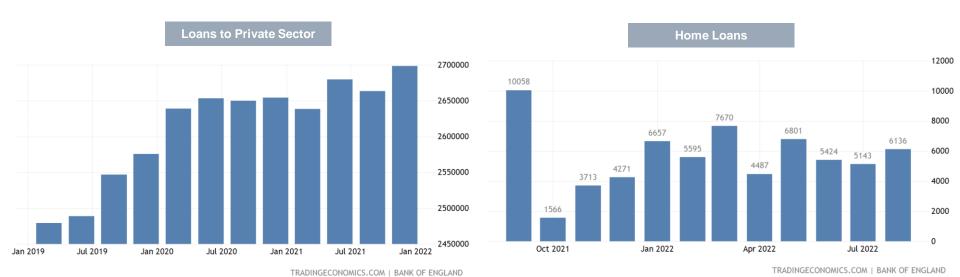




Source: https://tradingeconomics.com/united-kingdom

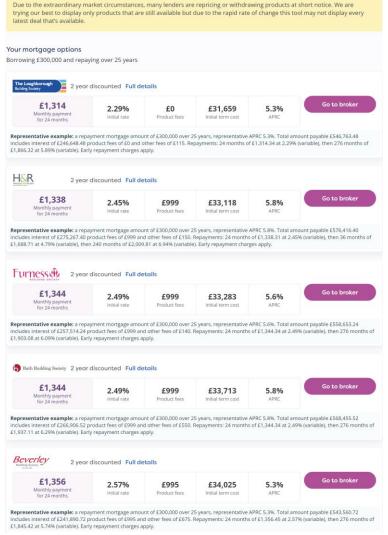
UK Markets





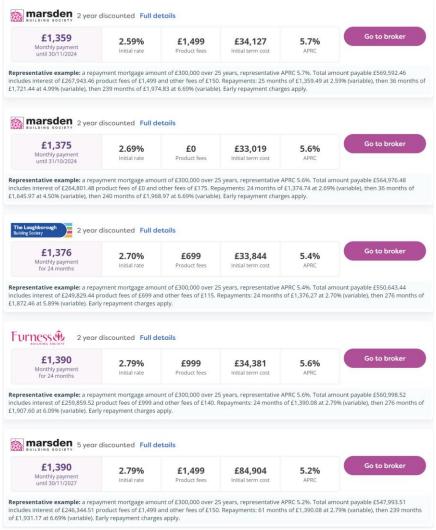
- Source: https://tradingeconomics.com/united-kingdom
- Loan figures are in £ millions

UK Mortgage Loans Competitive Market Benchmark (Indicative Only) – Page 1 of 5



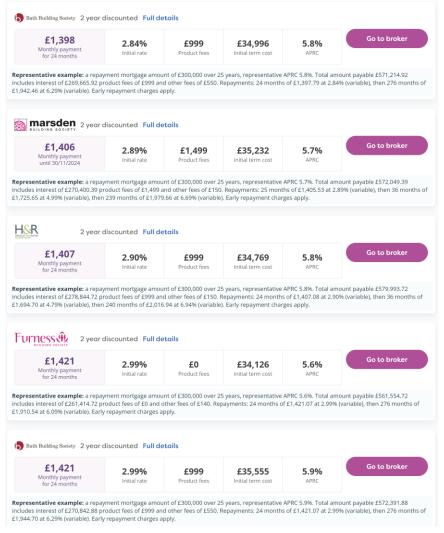
- The above quotes are indicative only, based on a hypothetical 25-year (repayment) mortgage loan scenario, where the property value is £500,000, and down
 payment is £200,000, as of 2 October 2022
- Source: https://www.moneysupermarket.com/

UK Mortgage Loans Competitive Market Benchmark (Indicative Only) – Page 2 of 5



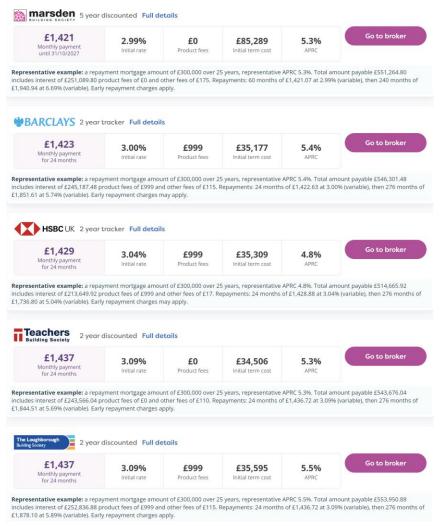
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UK Mortgage Loans Competitive Market Benchmark (Indicative Only) – Page 3 of 5



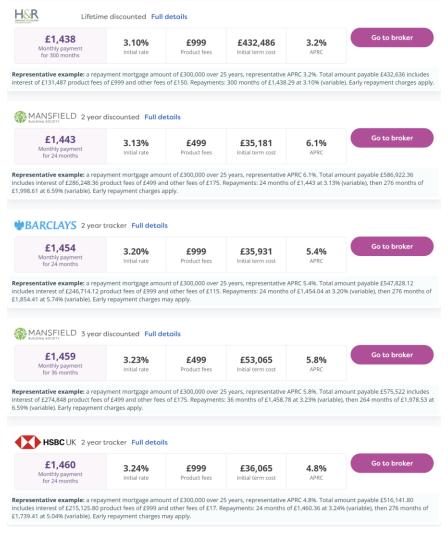
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- Source: https://www.moneysupermarket.com/

UK Mortgage Loans Competitive Market Benchmark (Indicative Only) – Page 4 of 5



- The above quotes are indicative only, based on a hypothetical 25-year (repayment) mortgage loan scenario, where the property value is £500,000, and down
 payment is £200,000, as of 2 October 2022
- Source: https://www.moneysupermarket.com/

UK Mortgage Loans Competitive Market Benchmark (Indicative Only) – Page 5 of 5



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 payment is £200,000, as of 2 October 2022
- Source: https://www.moneysupermarket.com/

Crypto Markets: Bitcoin

BTC/USD Bitfinex Overview



Source: www.investing.com, as of 2 October 2022

Crypto Markets: Etherium

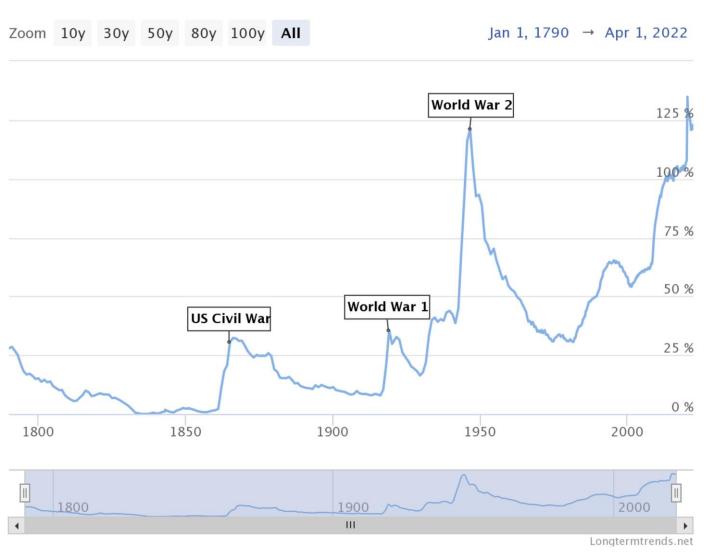
ETH/USD Binance Overview



Source: www.investing.com, as of 2 October 2022

Macro-economic / Markets Insights – US Debt to GDP Ratio

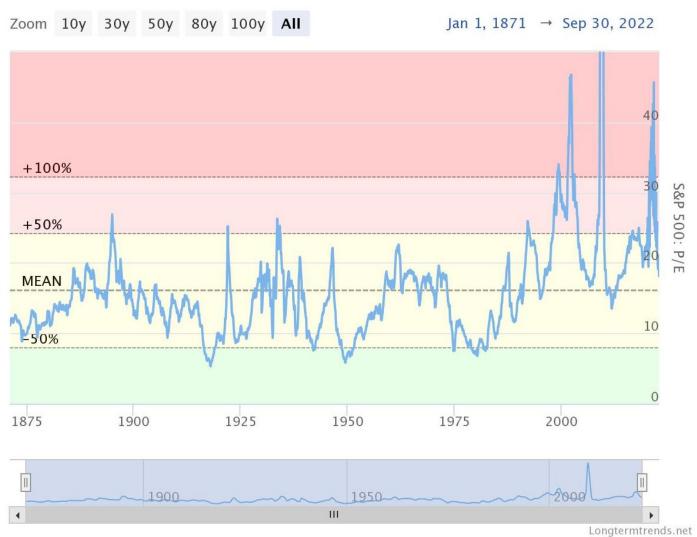
(Government) Total Public Debt / GDP Ratio



[•] Source: https://www.longtermtrends.net/, as of 2 October 2022

Macro-economic / Markets Insights – S&P 500 Price to Earnings Ratio

S&P 500 Price Earnings Ratio



Macro-economic / Markets Insights – Buffet Indicator (Total Market Cap / GDP)

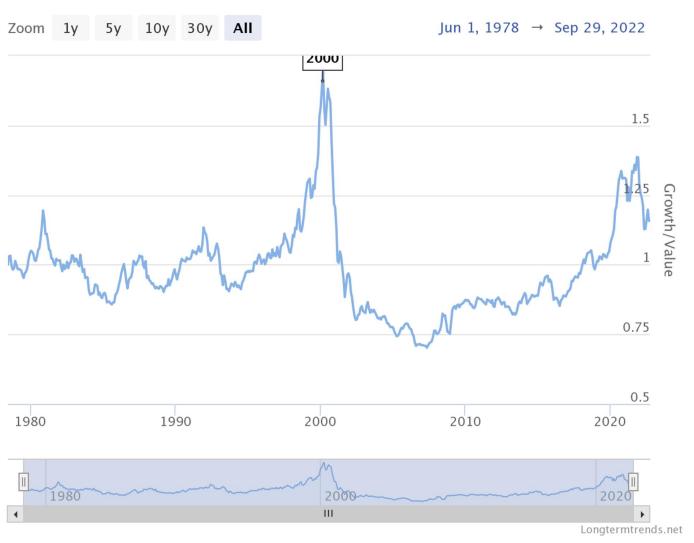
Total value of all publicly-traded stocks / GDP Ratio



[•] Source: https://www.longtermtrends.net/, as of 2 October 2022

Macro-economic / Markets Insights – Growth / Value Stocks

Wilshire Growth/Value



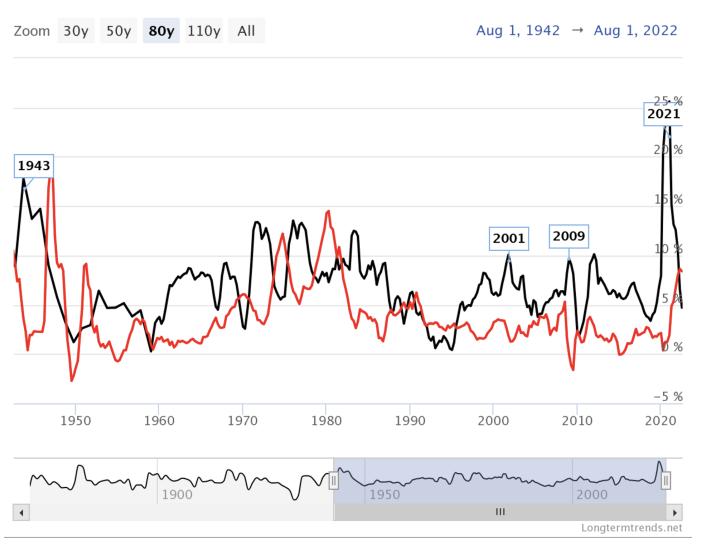
Macro-economic / Markets Insights – US Stocks vs. World Stocks

MSCI USA / MSCI World



Macro-economic / Markets Insights - Money Supply Growth vs. Inflation

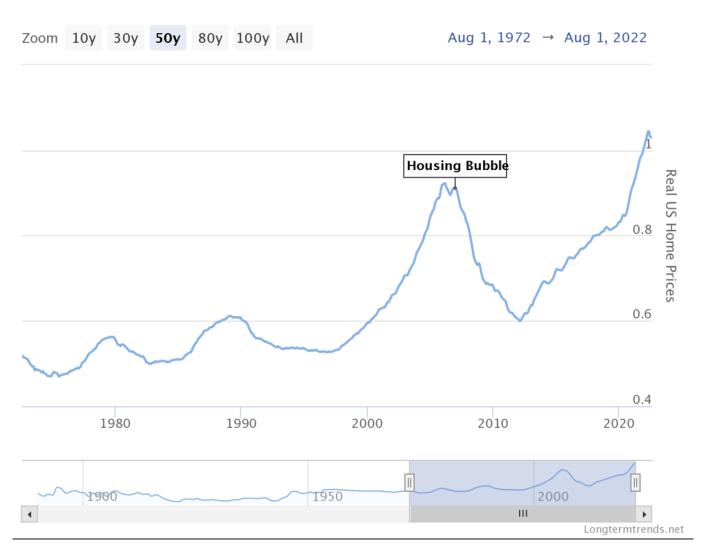
M2 yearly growth vs. inflation



[•] Source: https://www.longtermtrends.net/, as of 2 October 2022

Macro-economic / Markets Insights – US Real Home Prices

Case-Shiller Index / CPI



[•] Source: https://www.longtermtrends.net/, as of 2 October 2022

Important Legal Disclosure

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- Six Arrows Consultancy Limited is <u>not</u> authorised to recommend a specific course of action to you or give a personal recommendation about how you should invest.
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 - > https://www.fca.org.uk/consumers/understanding-advice-guidance-investments









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