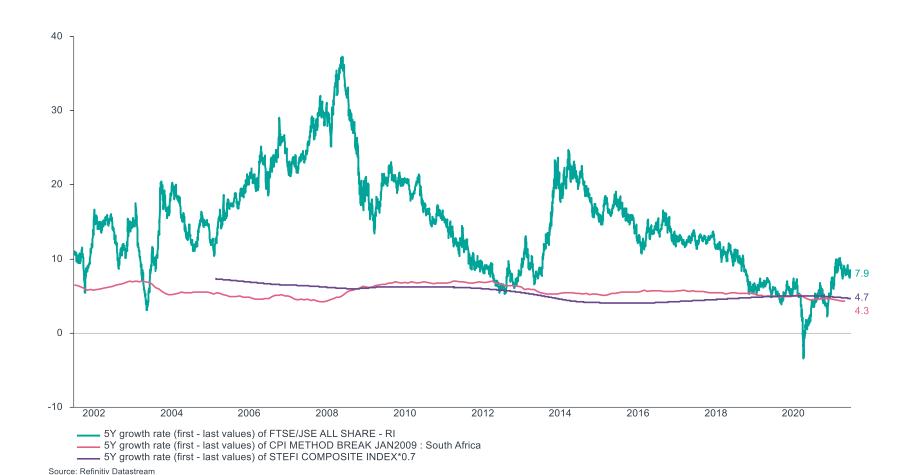




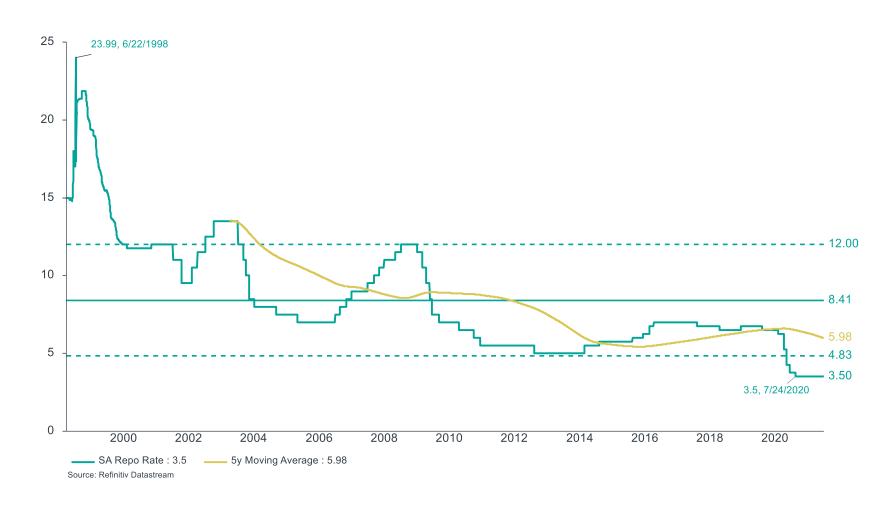
EQUITIES V INFLATION V CASH





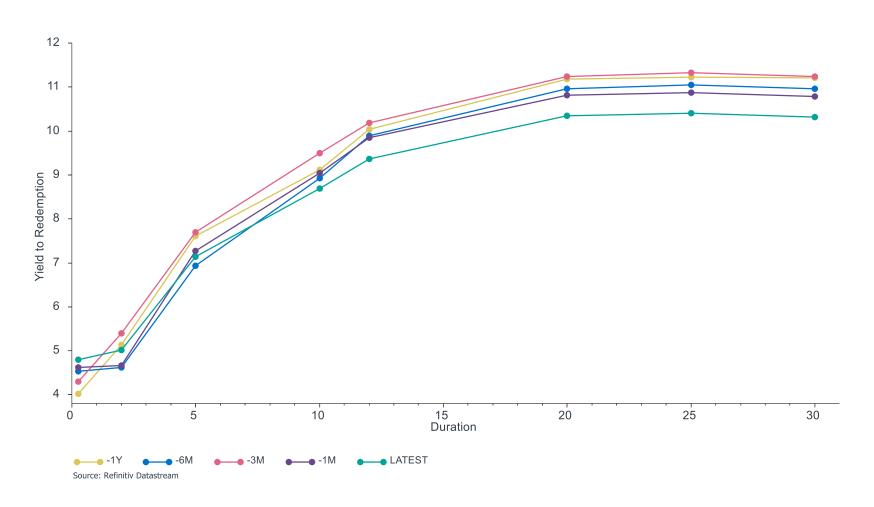
SA REPURCHASE RATE





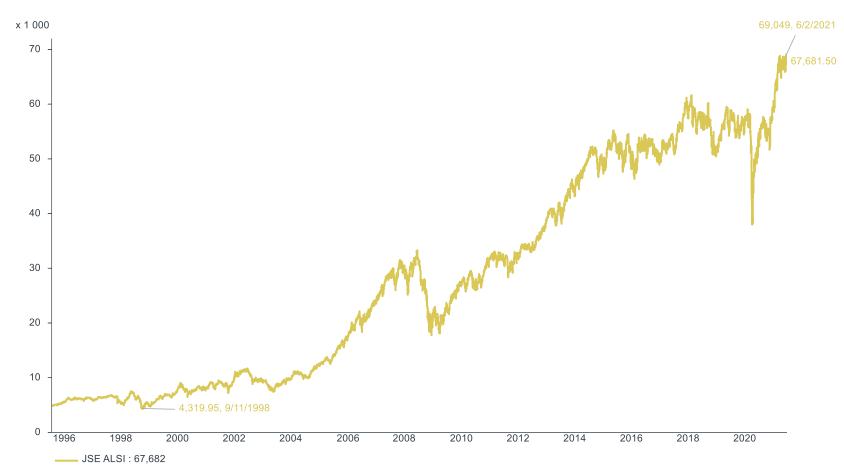
SA YIELD CURVE





JSE ALSI



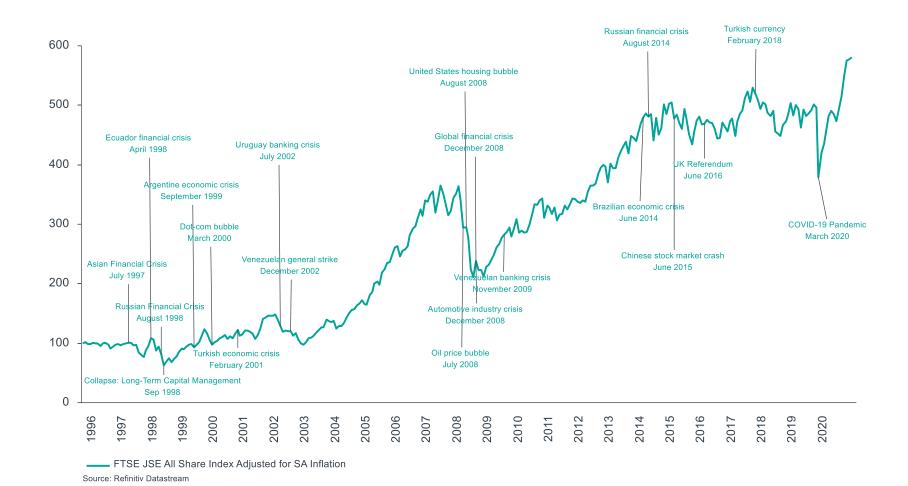


ALSI = All Share Index

Source: Refinitiv Datastream

FINANCE CRISES





JSE SECTOR INDICES, LAST YEAR, REBASED

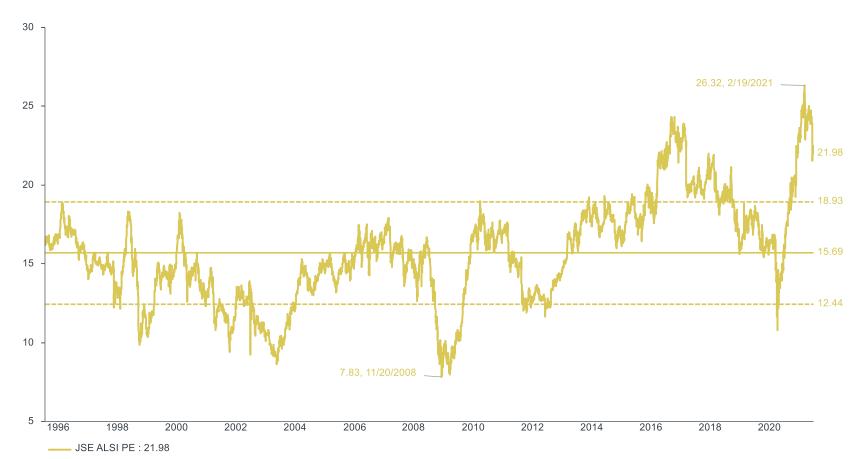




JSE ALSI PE



ALSI = All Share Index PE = Price Earnings

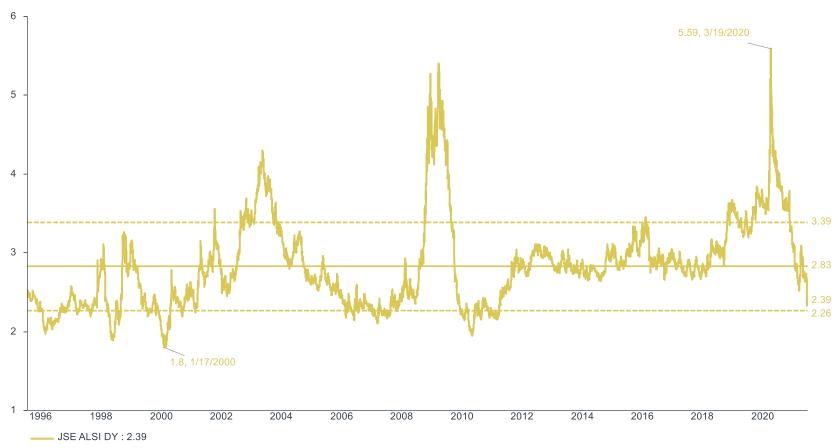


Source: Refinitiv Datastream

JSE ALSI DY



ALSI = All Share Index DY = Dividend Yield

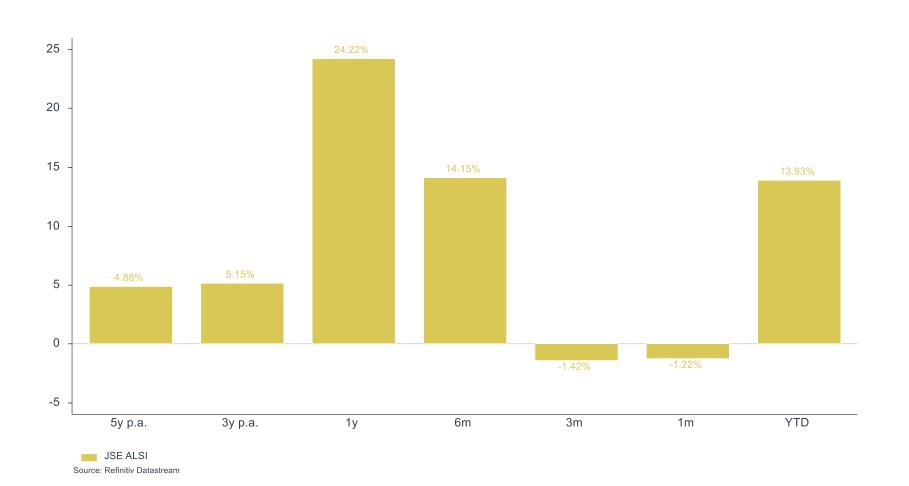


Source: Refinitiv Datastream

JSE ALSI, PERCENTAGE CHANGES



ALSI = All Share Index



SA LISTED PROPERTY INDEX DY



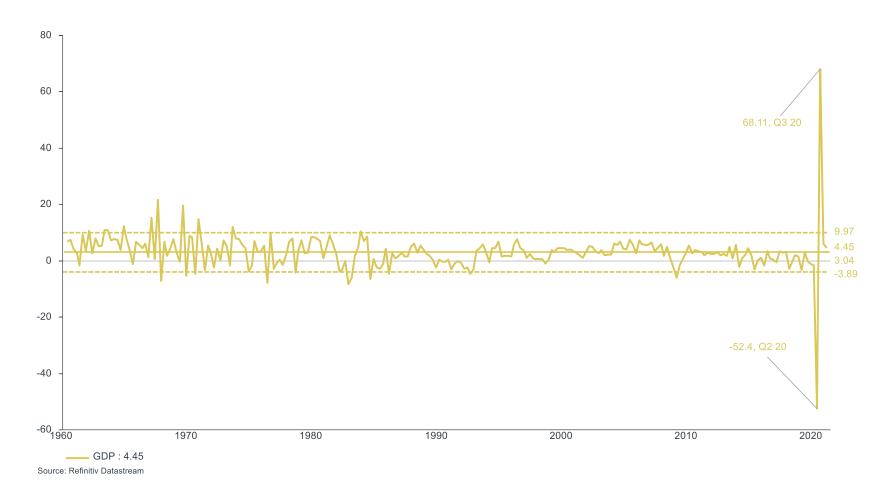
DY = Dividend Yield



Source: Refinitiv Datastream

GDP

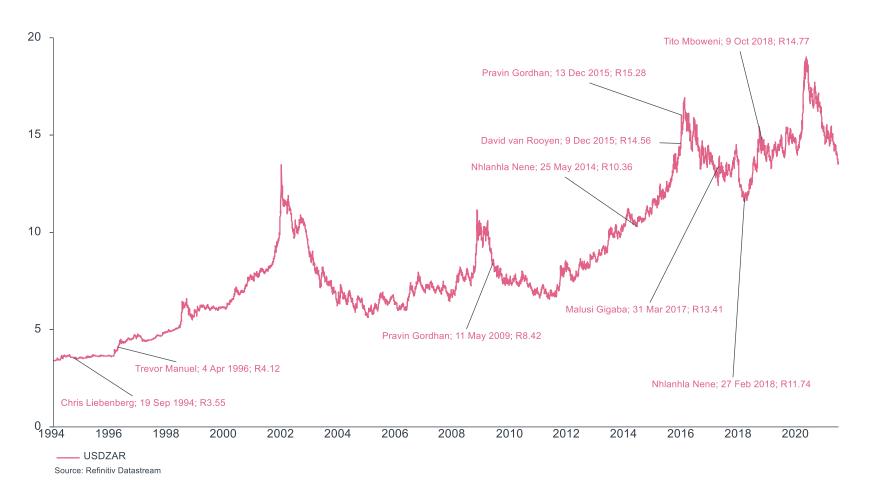




KNOWLEDGE INTO WEALTH

FINANCE MINISTERS



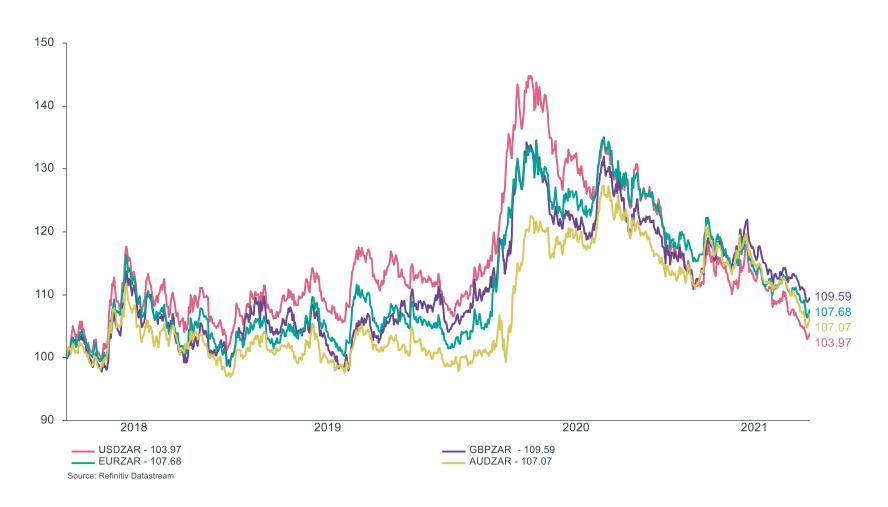


With Tito Mboweni's appointment as Finance Minister on the 9th of October, South Africa has the unenviable track record of having had 5 Finance Ministers in the last three years.

This chart picks out the date of appointment of each successive Finance Minister together with the rand-dollar exchange rate at the time of appointment going back to the appointment of Chris Liebenberg by Nelson Mandela's Government of National Unity.

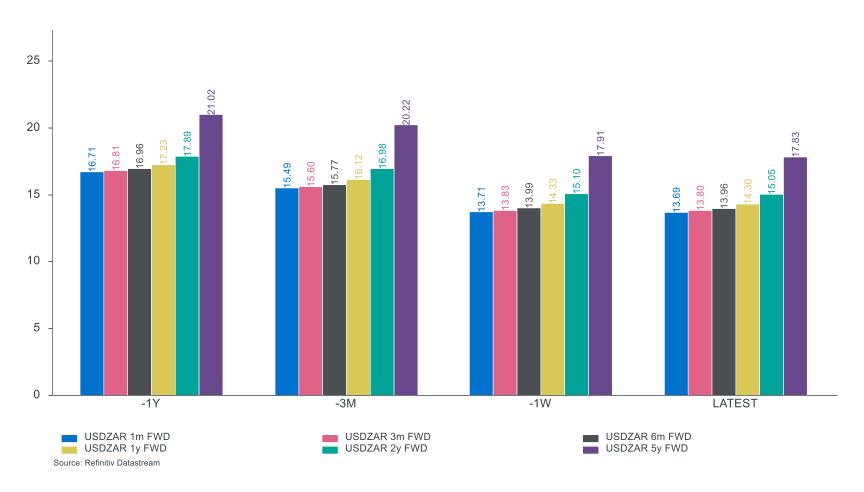
ZAR LAST YEAR, REBASED TO 100





USDZAR FORWARD



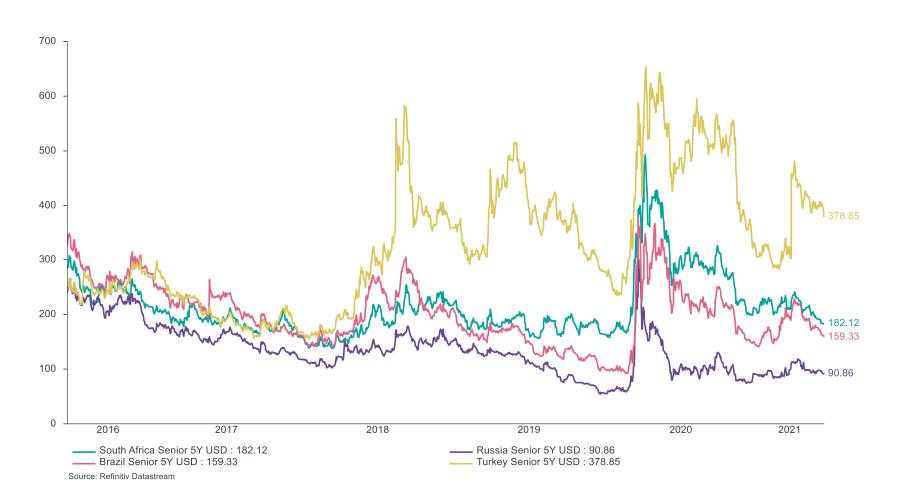


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EM CREDIT DEFAULT SWAPS





EM = Emerging Markets

This graph shows credit default swap spreads, as measured by 5 year spreads on USD denominated sovereign debt.

Listed CDS spread is the premium paid by the buyer to the seller of the CDS. This varies from conventional understanding of yield spreads i.e. over US treasury yield.

What's important to note in this graph is than the market has priced South African 5Y USD denominated debt at a level considered more risky than both Brazil and Russia (both junk at S&P; Russia junk at Moody's).

Note:

The default event typically used for EM debt is CR (Credit Restructuring) which triggers an event when a debt obligation is restructured – i.e. interest payments reduced; principal reduced; maturity extended; becoming subordinated to another obligation or having its currency changed.

EM RELATIVE, LAST YEAR (USD)

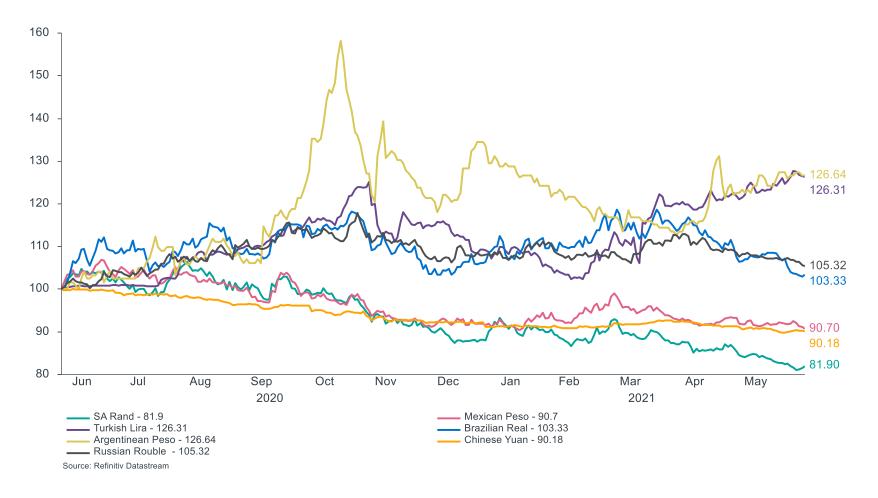


EM = Emerging Markets



USD V EMERGING MARKETS, REBASED TO 100

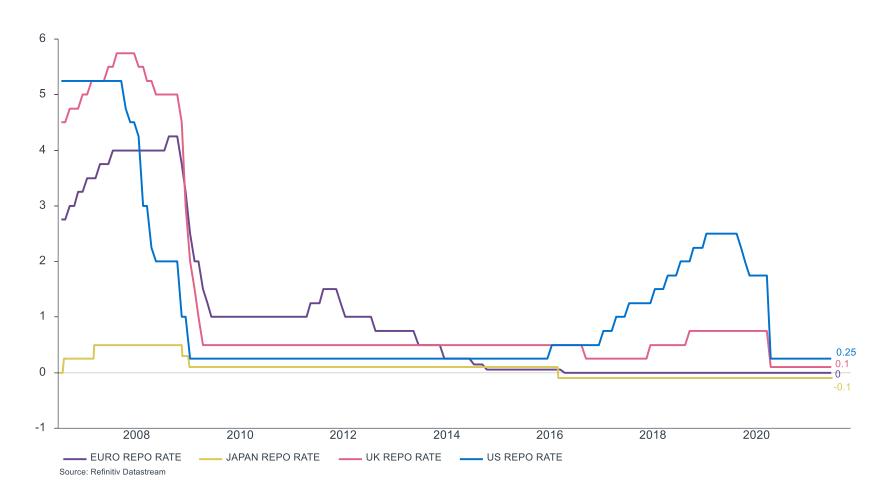






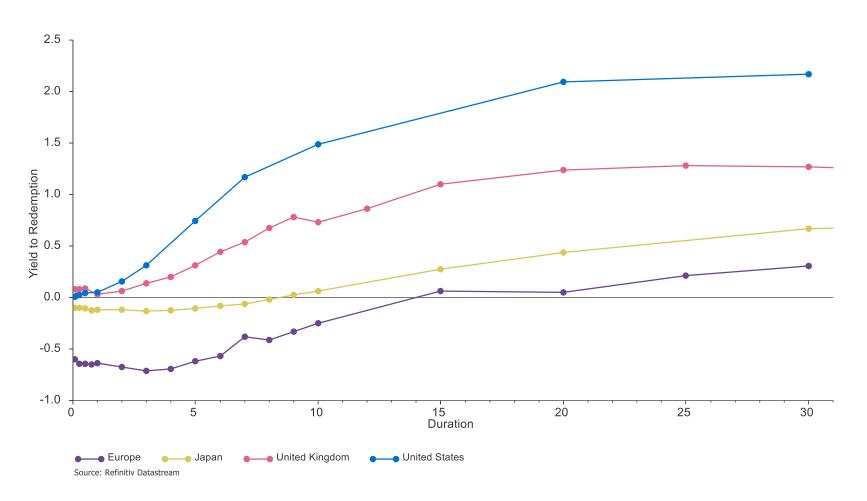
DEVELOPED MARKETS POLICY RATES





DEVELOPED MARKETS YIELD CURVES





GLOBAL MARKETS YIELD



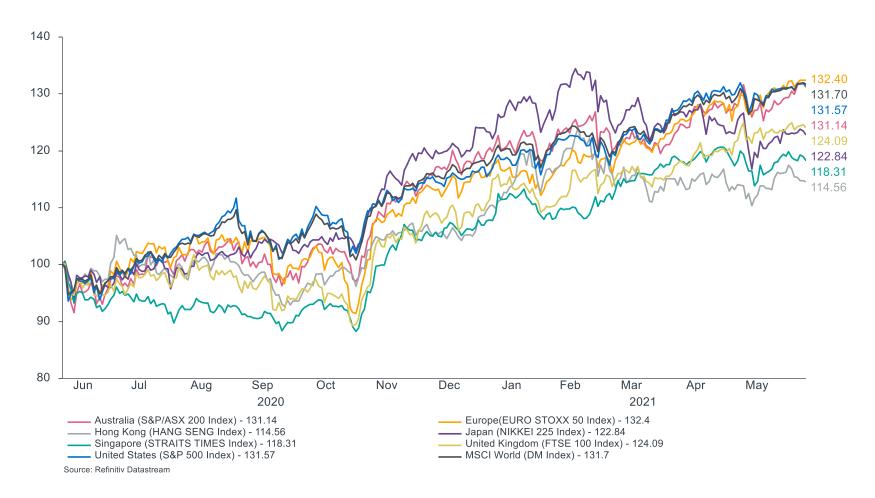
	3M	6M	1 Y	3Y	5Y	10Y	20Y	30Y	50Y
SWITZERLAND	-0.860	-0.830	-0.750	-0.680	-0.529	-0.208	0.098	0.122	-0.019
EU	-0.645	-0.643	-0.640	-0.713	-0.618	-0.248	0.050	0.308	0.402
GERMANY	-0.645	-0.643	-0.640	-0.713	-0.618	-0.248	0.000	0.308	0.000
JAPAN	-0.100	-0.105	-0.119	-0.130	-0.104	0.064	0.435	0.668	0.000
UK	0.082	0.000	0.030	0.140	0.313	0.733	1.238	1.267	1.113
USA	0.025	0.000	0.051	0.313	0.745	1.489	2.096	2.168	0.000
AUSTRALIA	0.000	0.060	0.019	0.276	0.786	1.528	2.271	2.481	0.000
CHINA	3.640	3.550	2.405	2.839	2.988	3.117	3.730	3.649	0.000
INDIA	3.455	3.675	3.970	4.618	5.518	6.016	0.000	6.969	0.000
RUSSIA	5.550	5.960	6.180	6.690	6.990	7.320	7.350	0.000	0.000
SOUTH AFRICA	3.790	4.350	4.820	7.065	7.140	8.685	10.350	10.320	0.000
BRAZIL	3.972	4.620	5.860	7.745	7.880	9.040	0.000	0.000	0.000

Sub 0%	6	0% - 2%	2% - 5%	5% +

KNOWLEDGE INTO WEALTH

DEVELOPED MARKETS RELATIVE, LAST YEAR (USD)

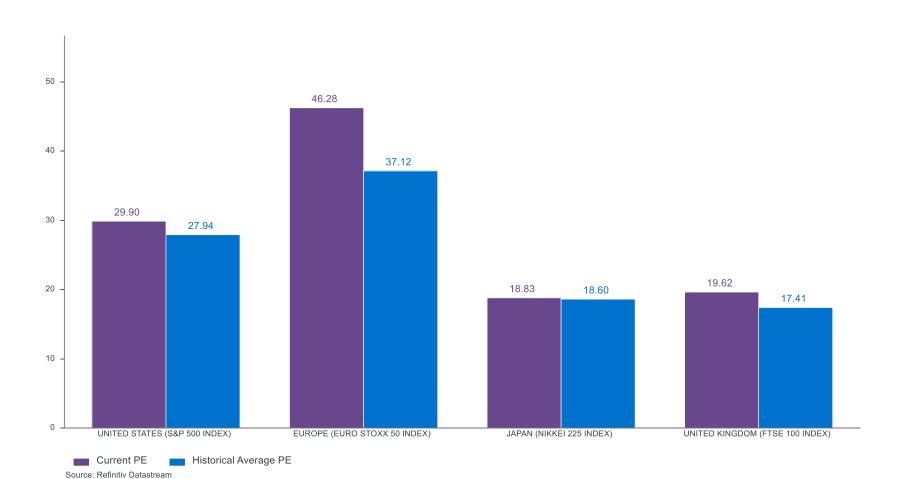




DEVELOPED MARKETS PE'S



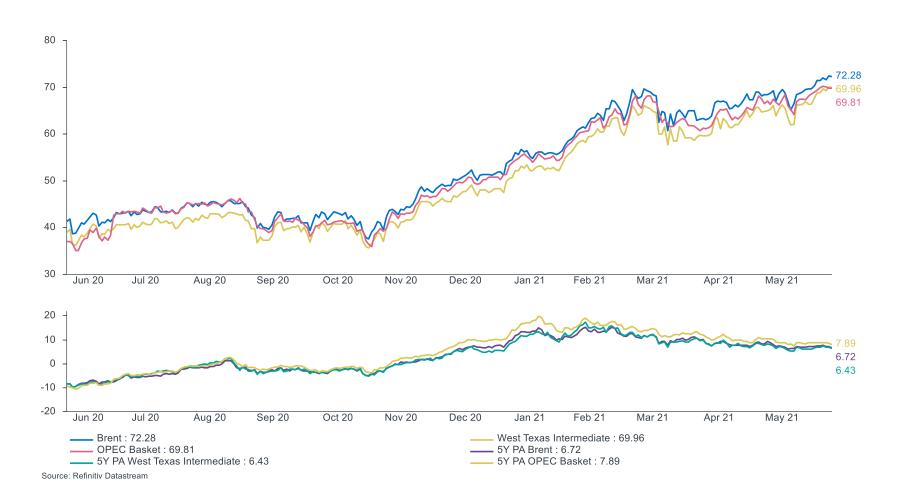
PE = Price Earnings





OIL PRICE (USD), LAST YEAR





GOLD PRICE (USD), LAST YEAR

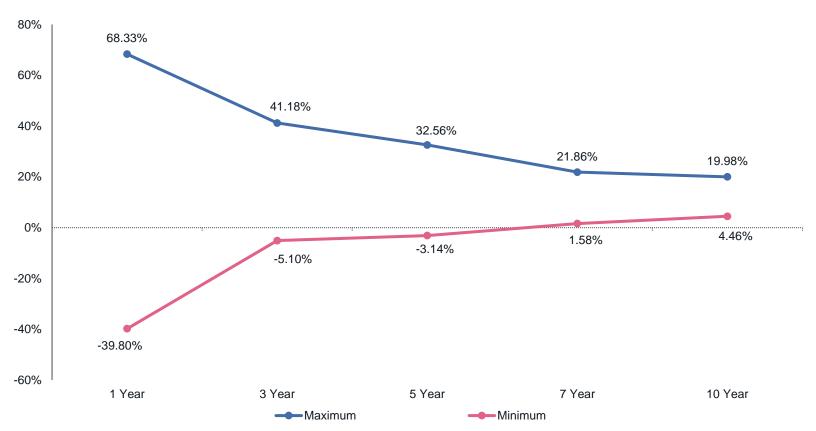




FUNNEL OF UNCERTAINTY FOR THE ANNULISED RETURNS OF JSE ALL SHARE PRICE INDEX - MAY



the data represented here excludes the effect of dividends, fees, inflation and taxation on investor's actual returns.



Source: Refinitiv DataStream

DISCLAIMER



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