



11 November 2021

# CHART BOOK: MINI



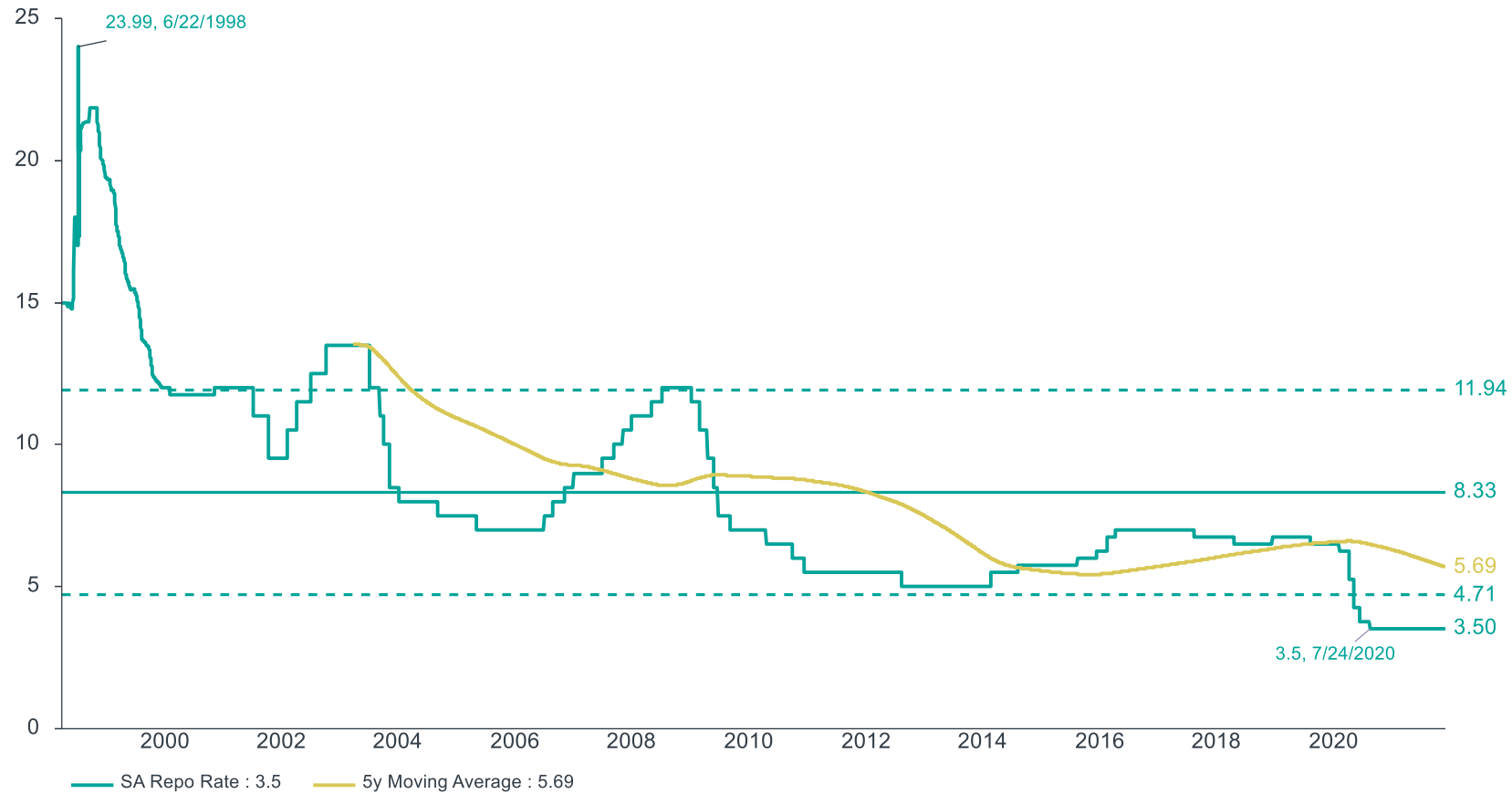
LOCAL

# EQUITIES V INFLATION V CASH



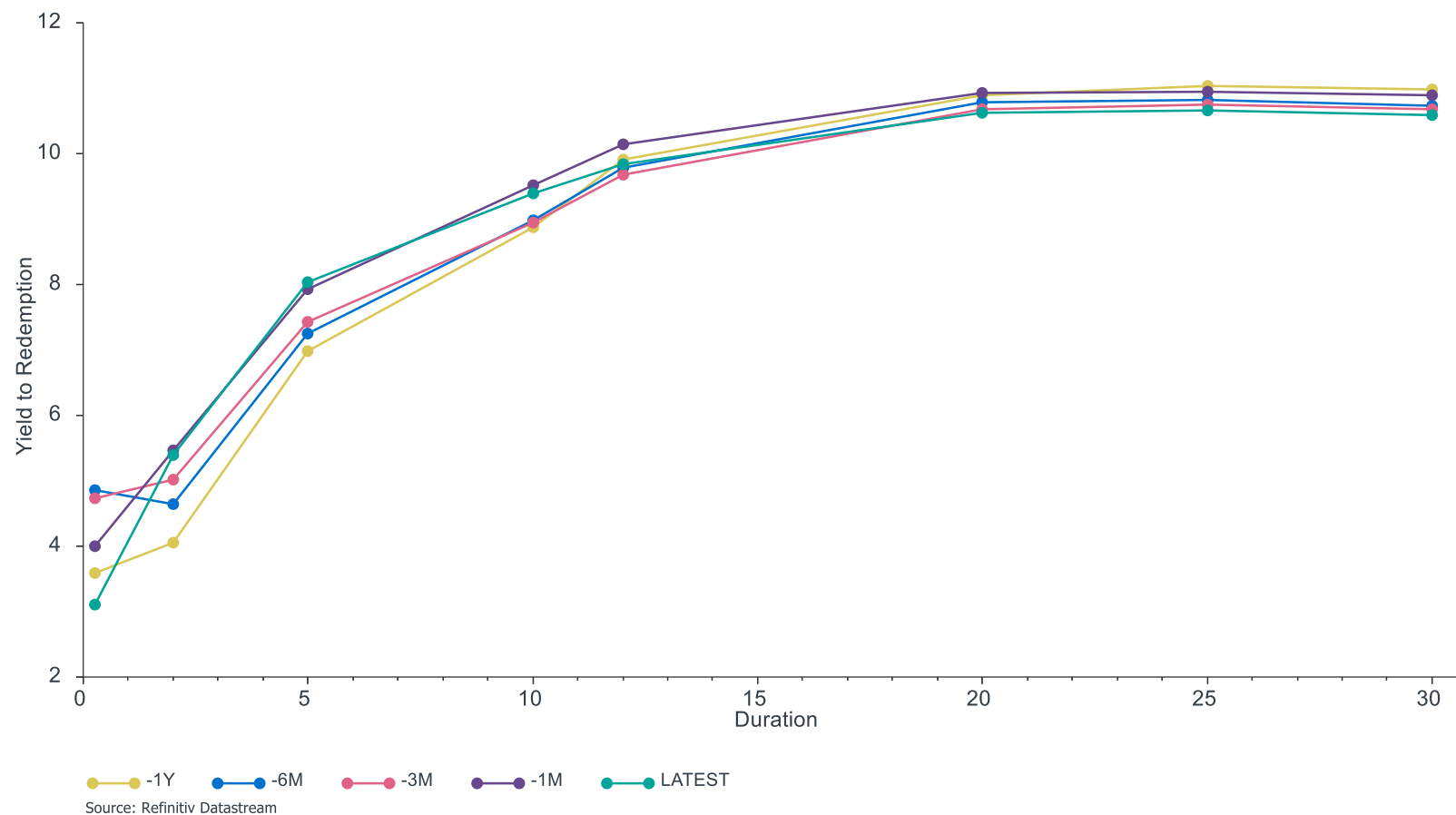
Source: Refinitiv Datastream

# SA REPURCHASE RATE

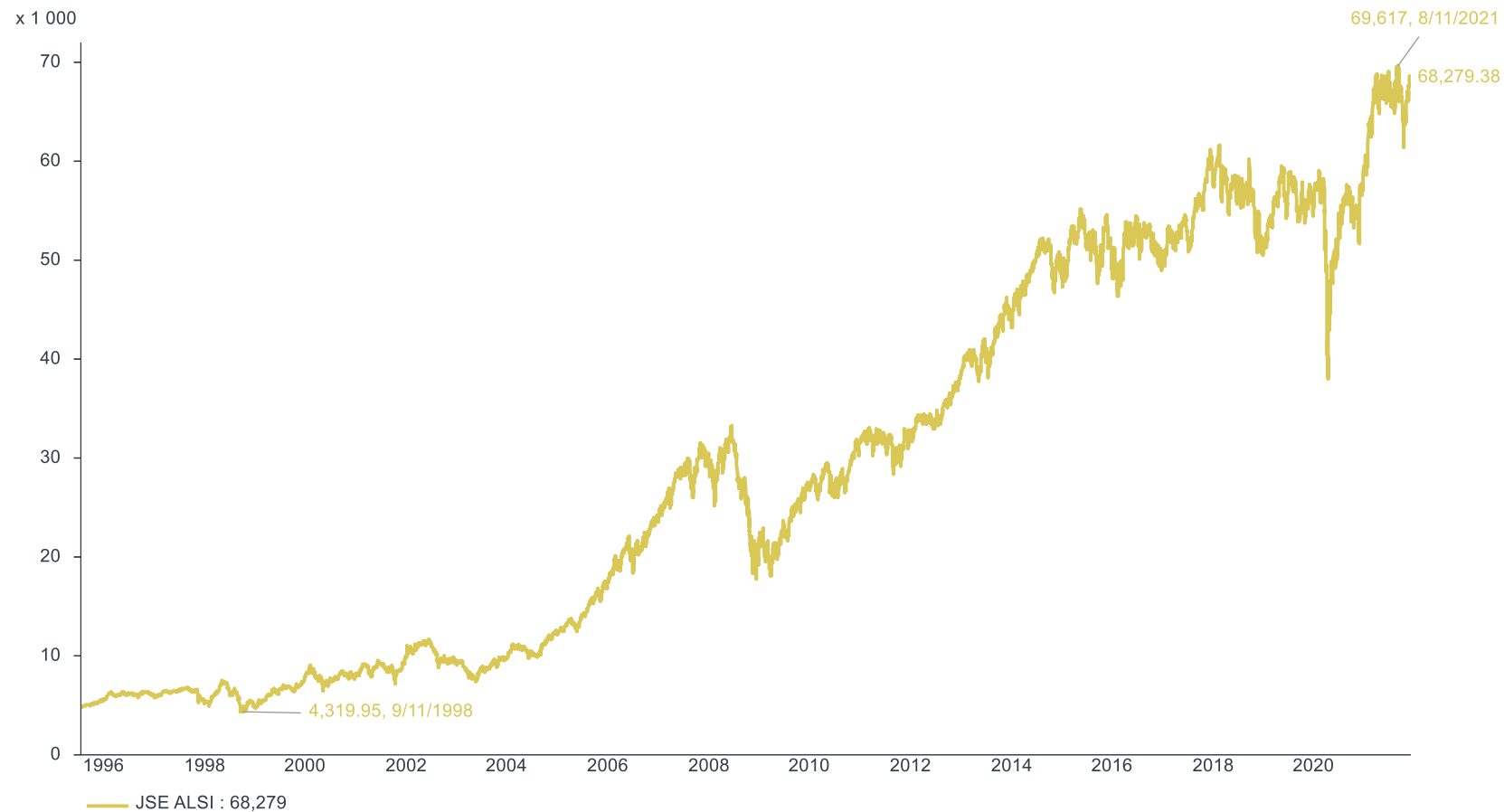


Source: Refinitiv Datastream

# SA YIELD CURVE



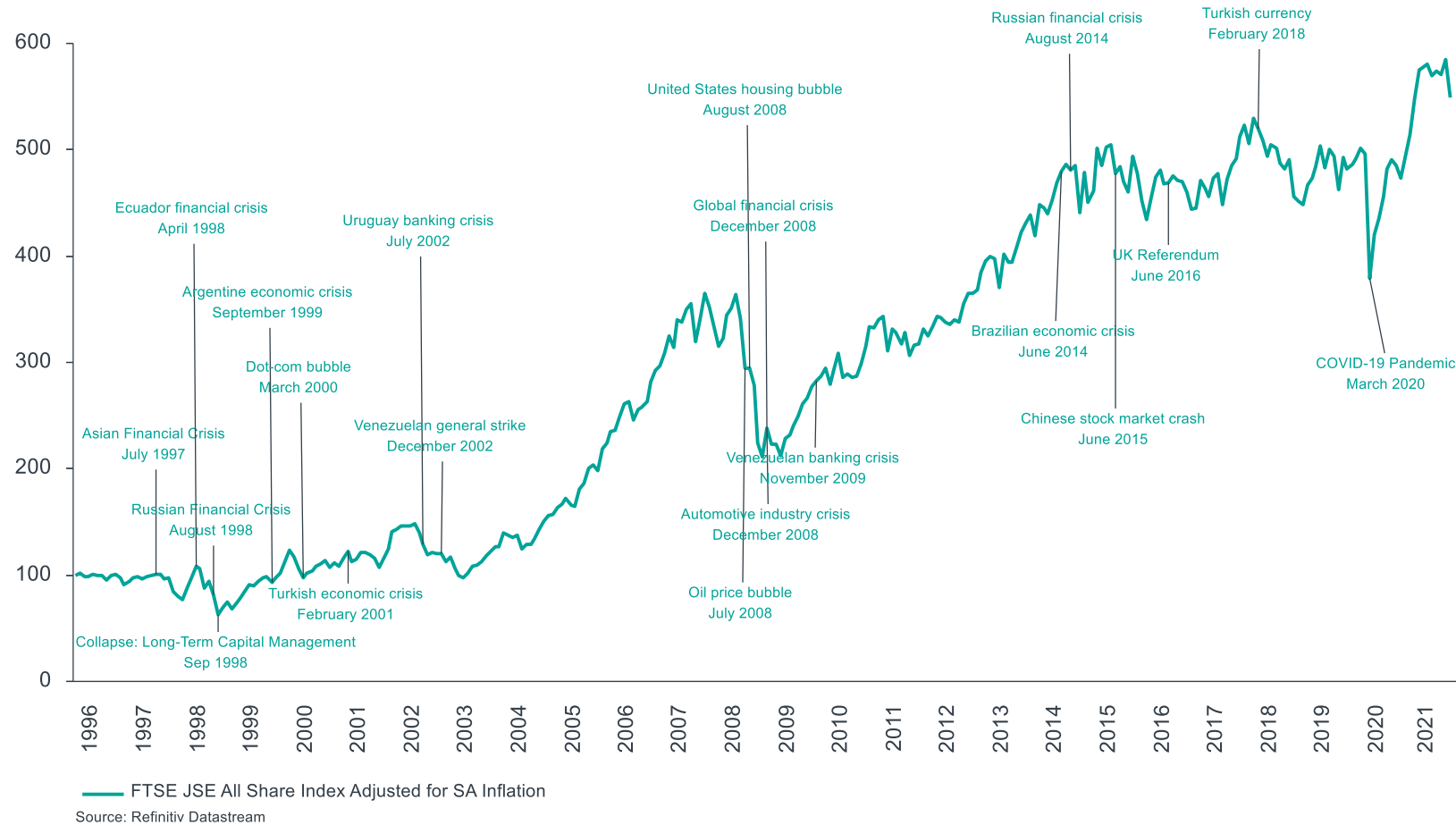
# JSE ALSI



Source: Refinitiv Datastream

ALSI = All Share Index

# FINANCE CRISES





## JSE SECTOR INDICES, LAST YEAR, REBASED



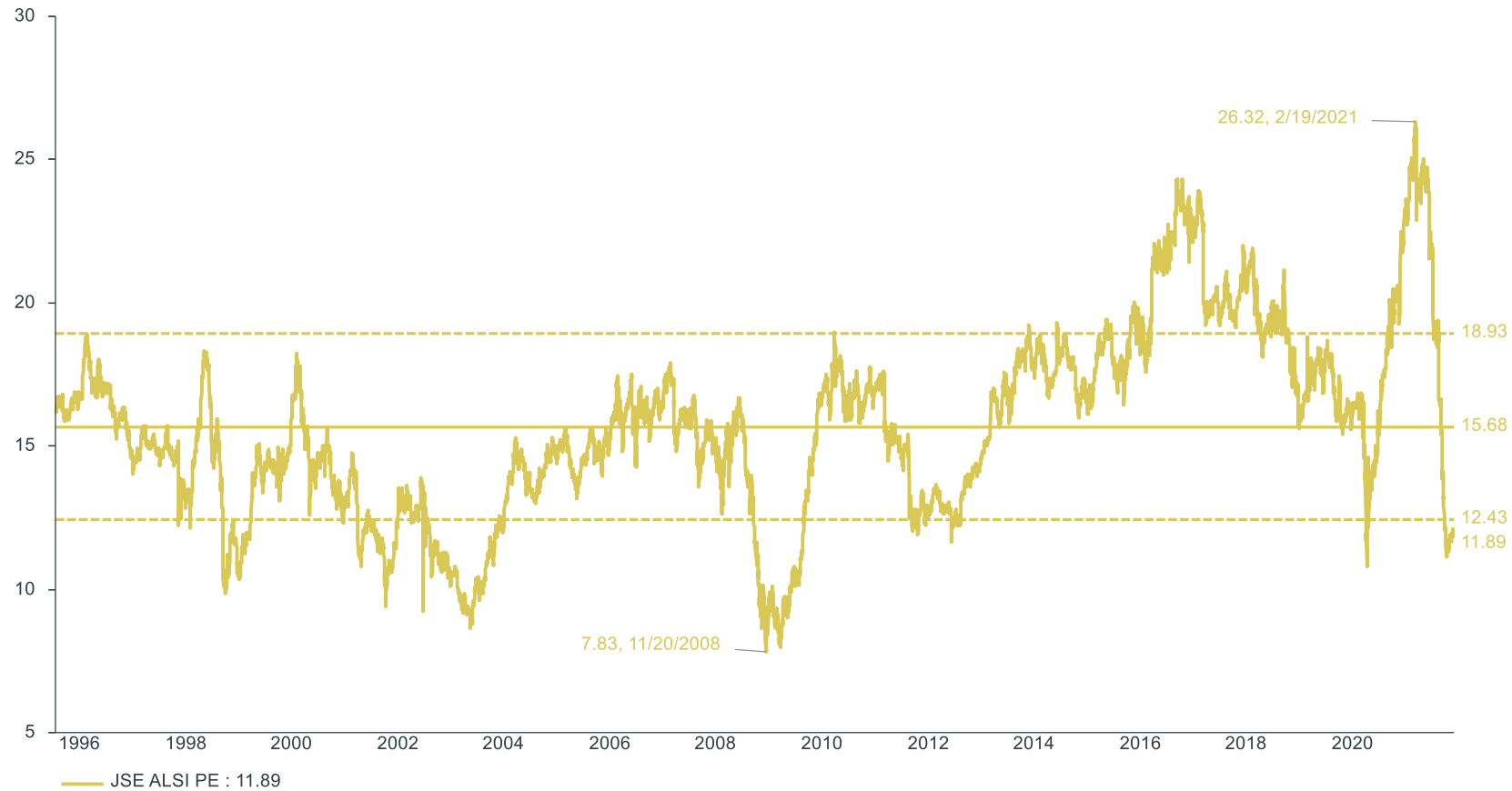
Source: Refinitiv Datastream



# JSE ALSI PE



ALSI = All Share Index  
PE = Price Earnings



Source: Refinitiv Datastream

# JSE ALSI DY



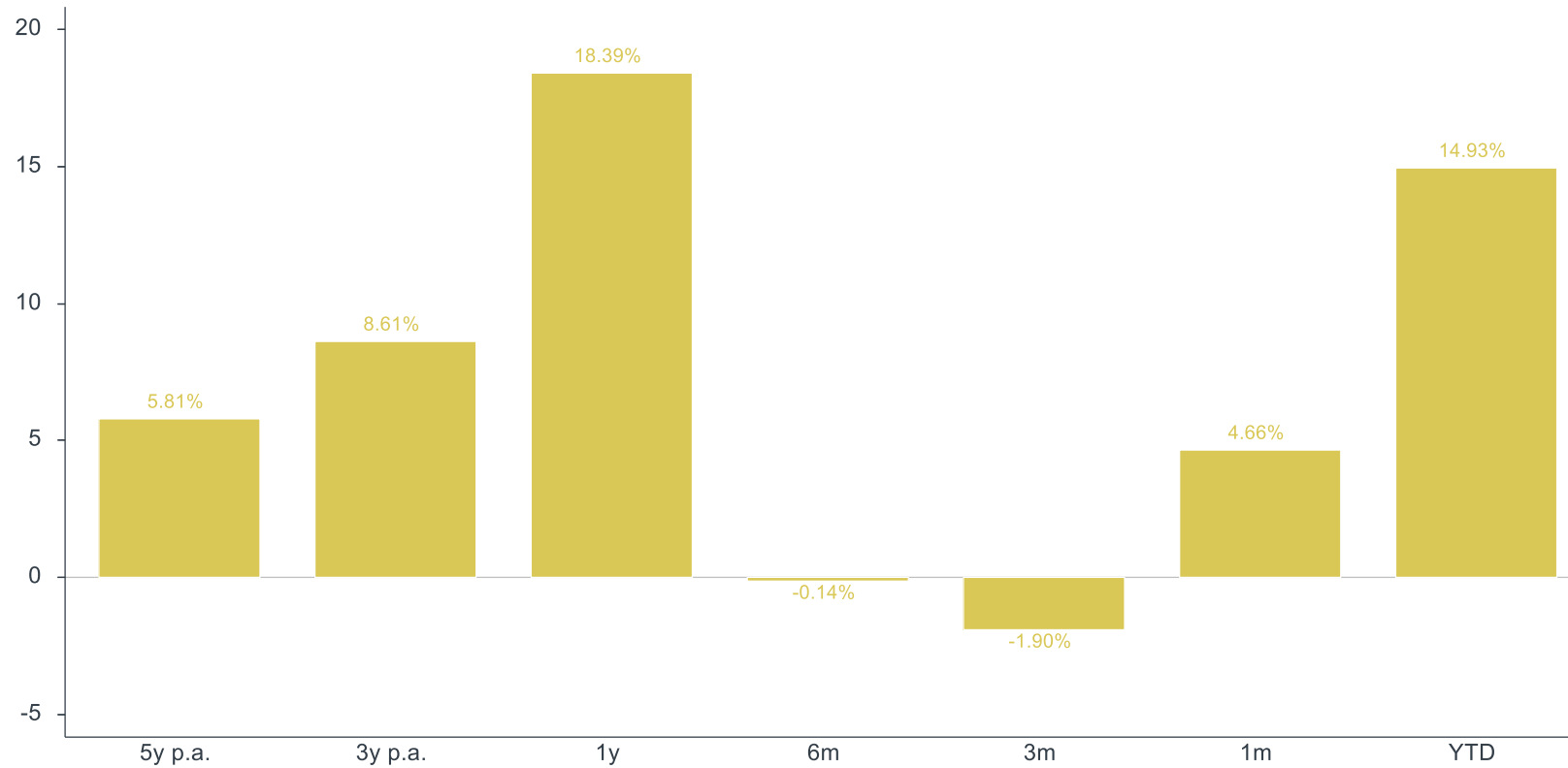
ALSI = All Share Index  
DY = Dividend Yield

Source: Refinitiv Datastream

# JSE ALSI, PERCENTAGE CHANGES



ALSI = All Share Index



JSE ALSI

Source: Refinitiv Datastream

# SA LISTED PROPERTY INDEX DY

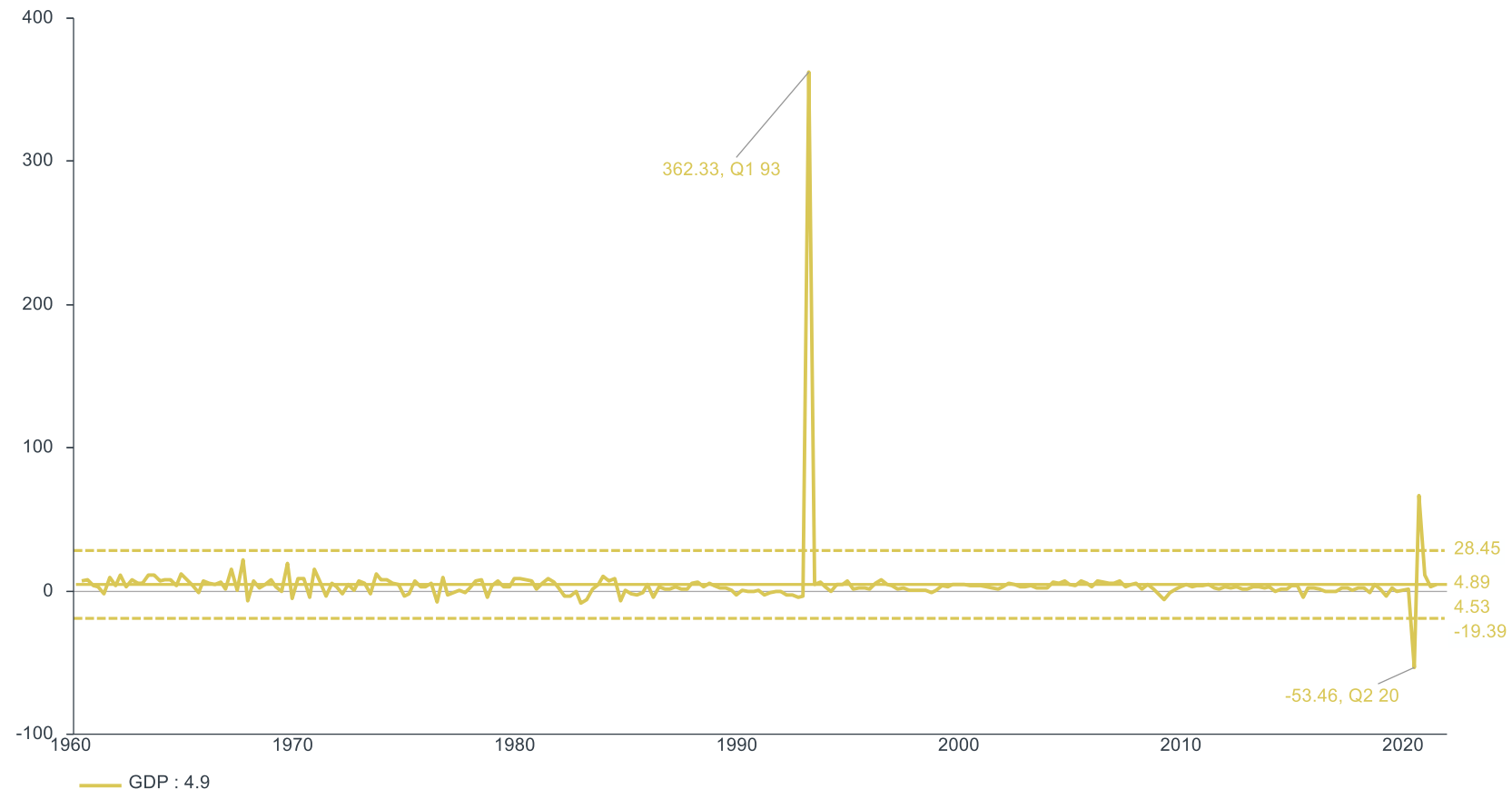


DY = Dividend Yield



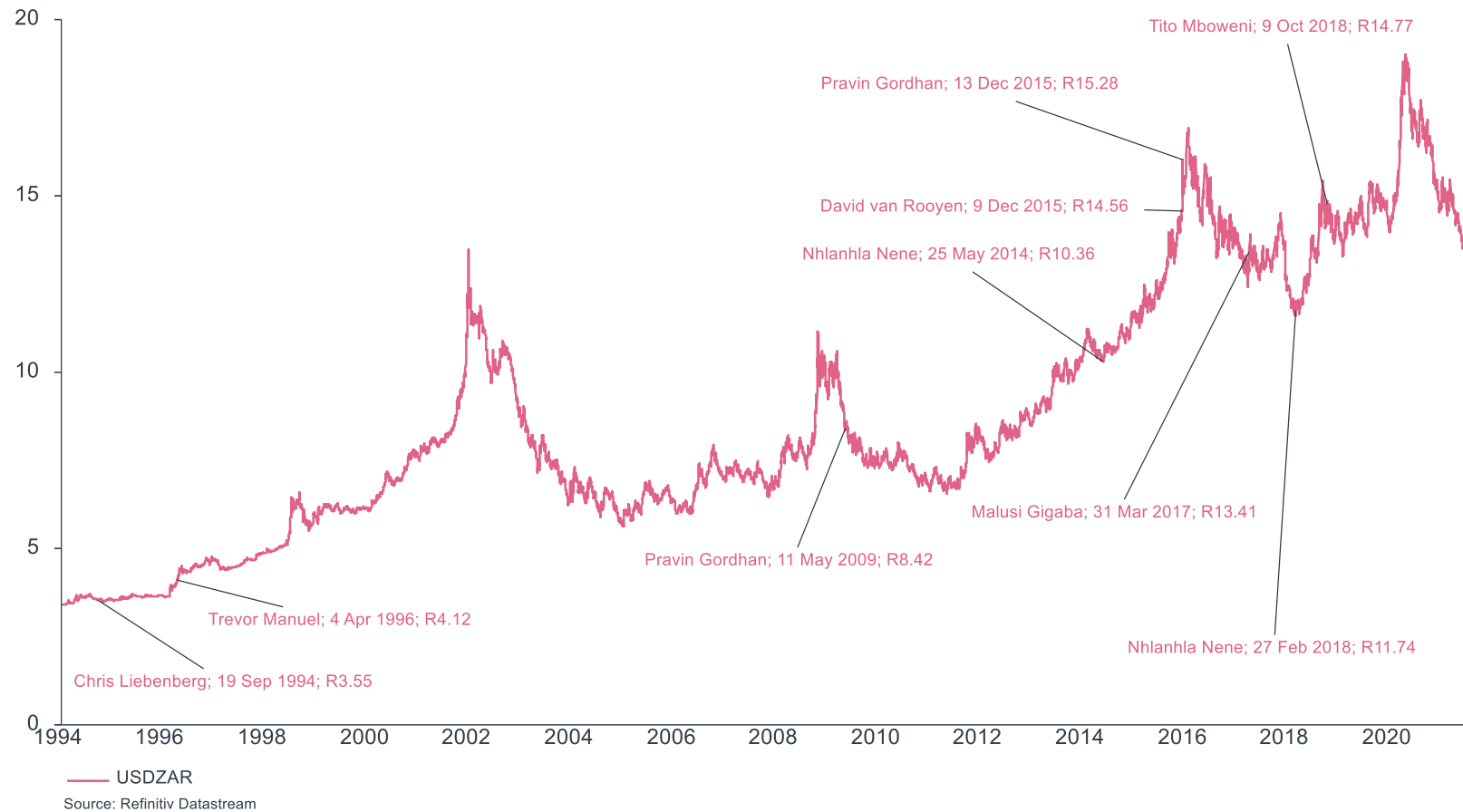
Source: Refinitiv Datastream

# GDP



Source: Refinitiv Datastream

# FINANCE MINISTERS



With Tito Mboweni's appointment as Finance Minister on the 9<sup>th</sup> 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.

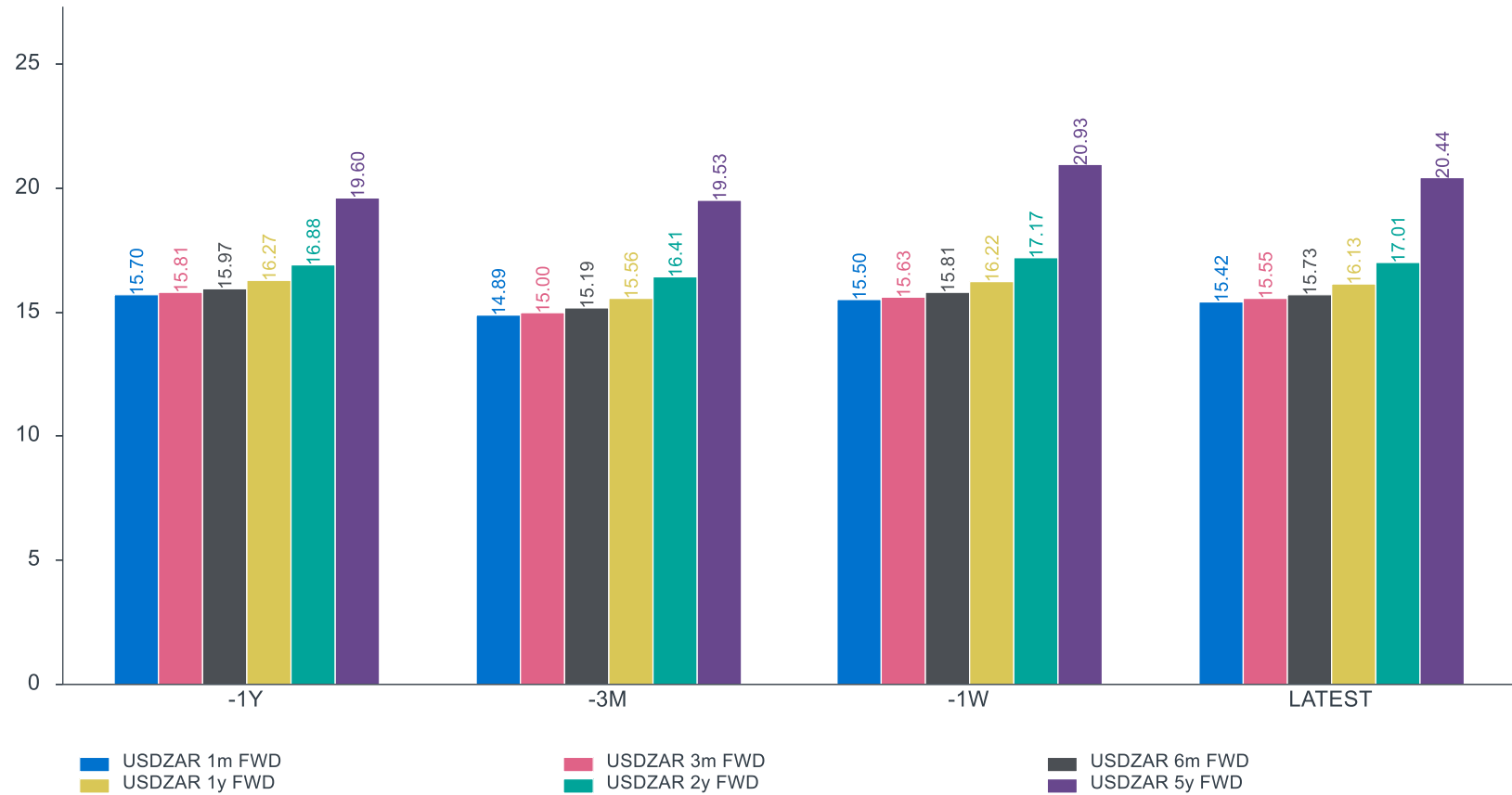
## ZAR LAST YEAR, REBASED TO 100



Source: Refinitiv Datastream



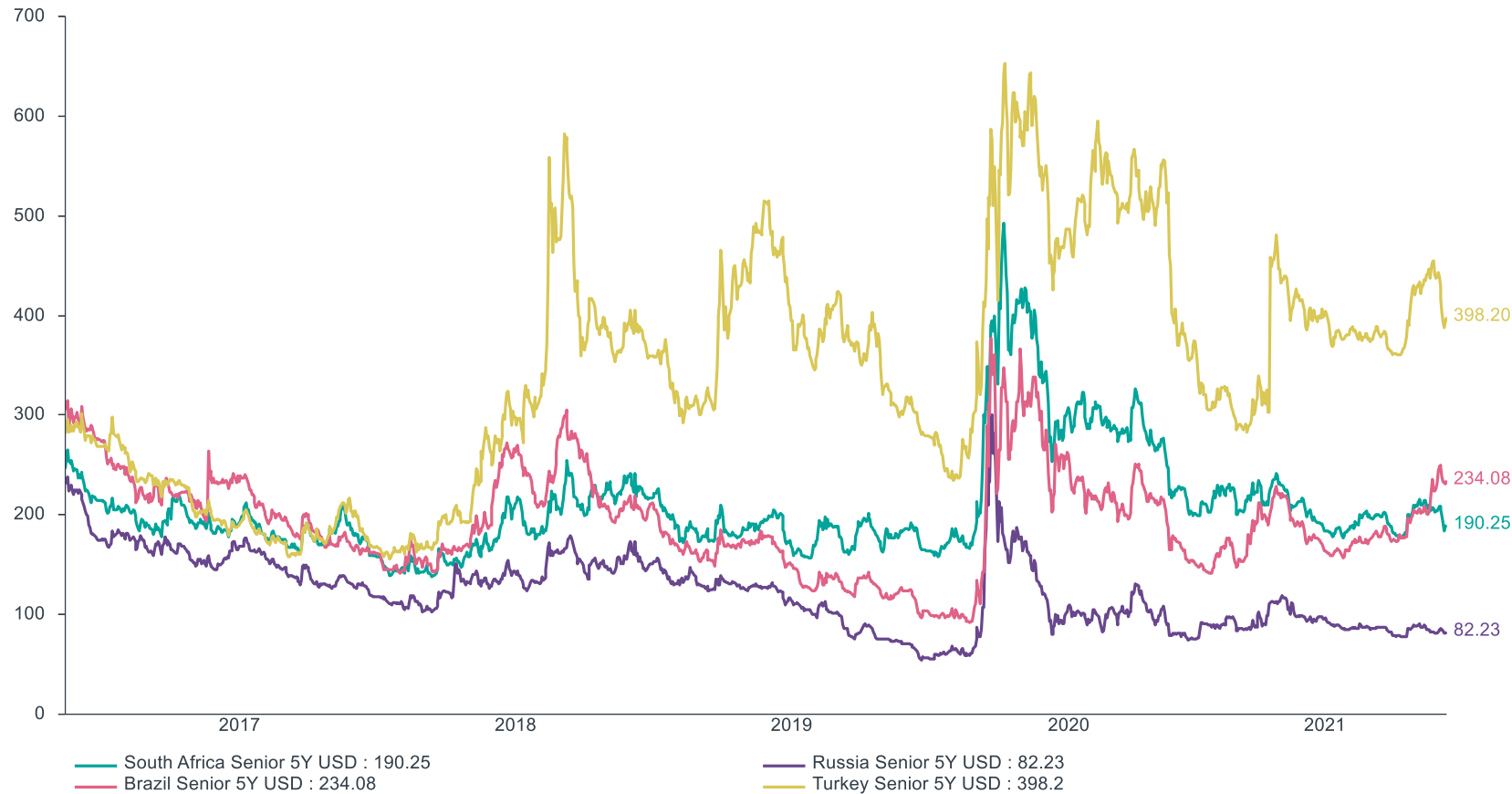
# USDZAR FORWARD





# EMERGING MARKETS

# EM CREDIT DEFAULT SWAPS



Source: Refinitiv Datastream

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 that 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).

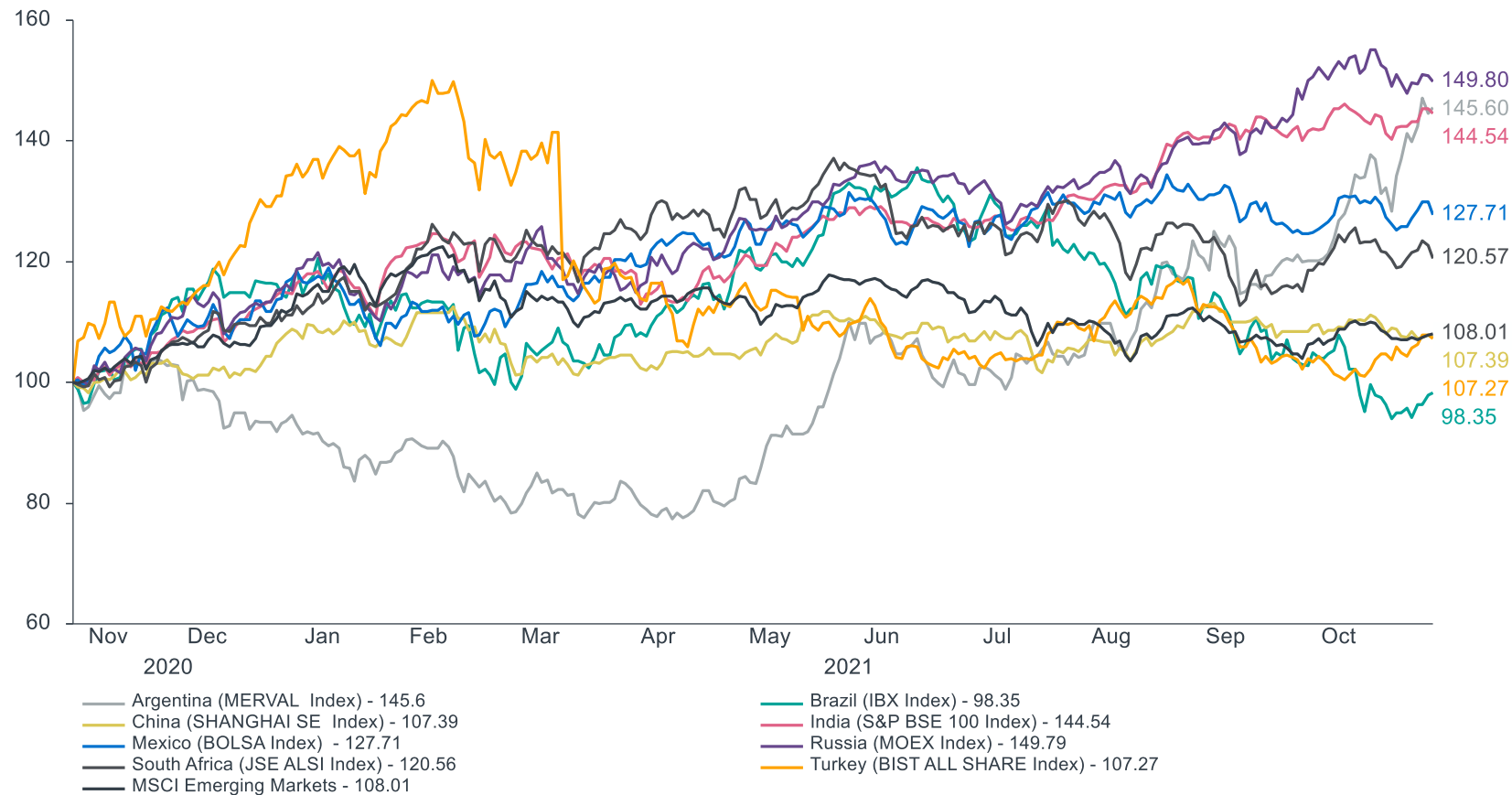
Note:

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)

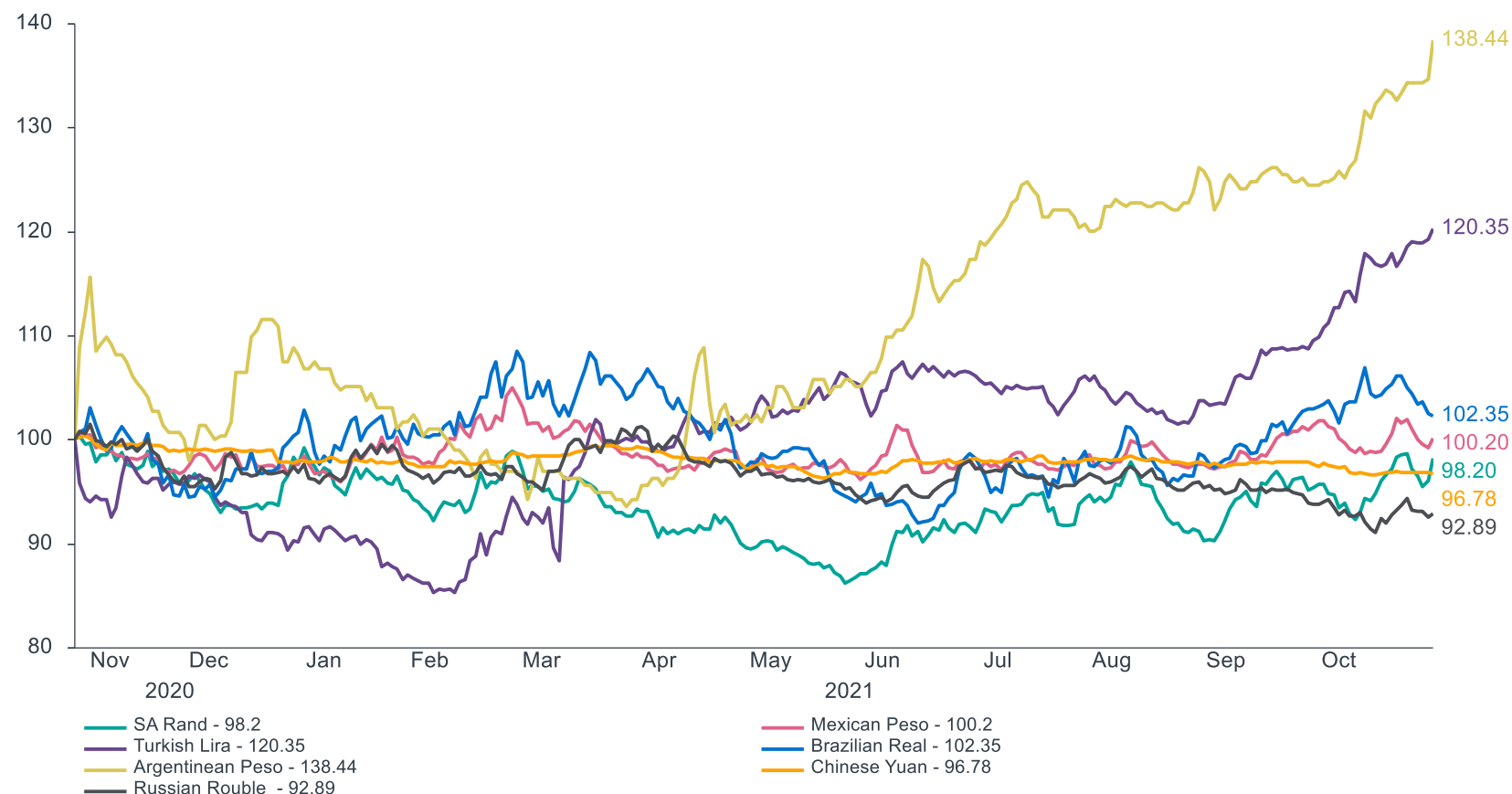


EM = Emerging Markets



Source: Refinitiv Datastream

# USD V EMERGING MARKETS, REBASED TO 100



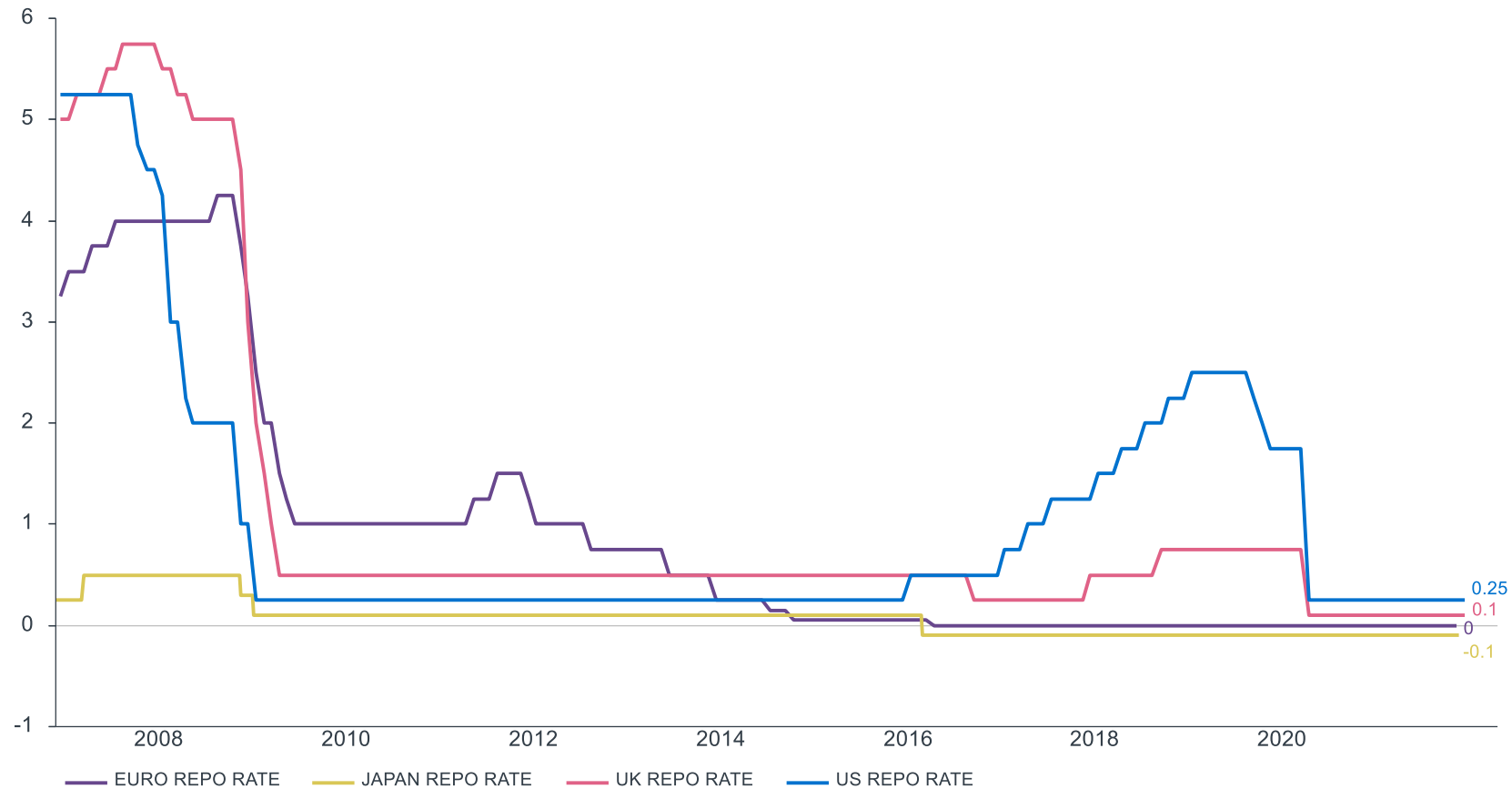
Source: Refinitiv Datastream





# DEVELOPED MARKETS

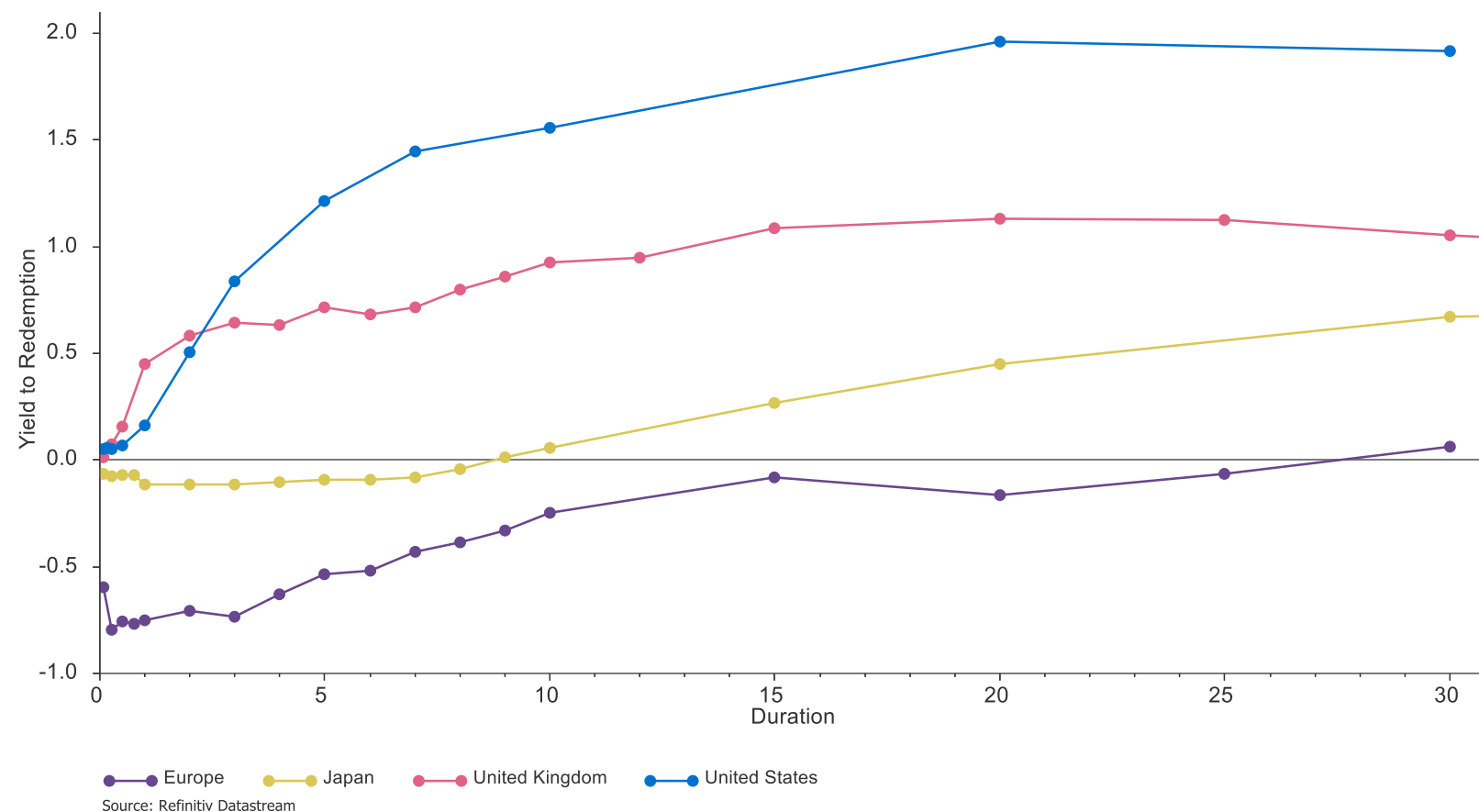
# DEVELOPED MARKETS POLICY RATES



Source: Refinitiv Datastream



# DEVELOPED MARKETS YIELD CURVES



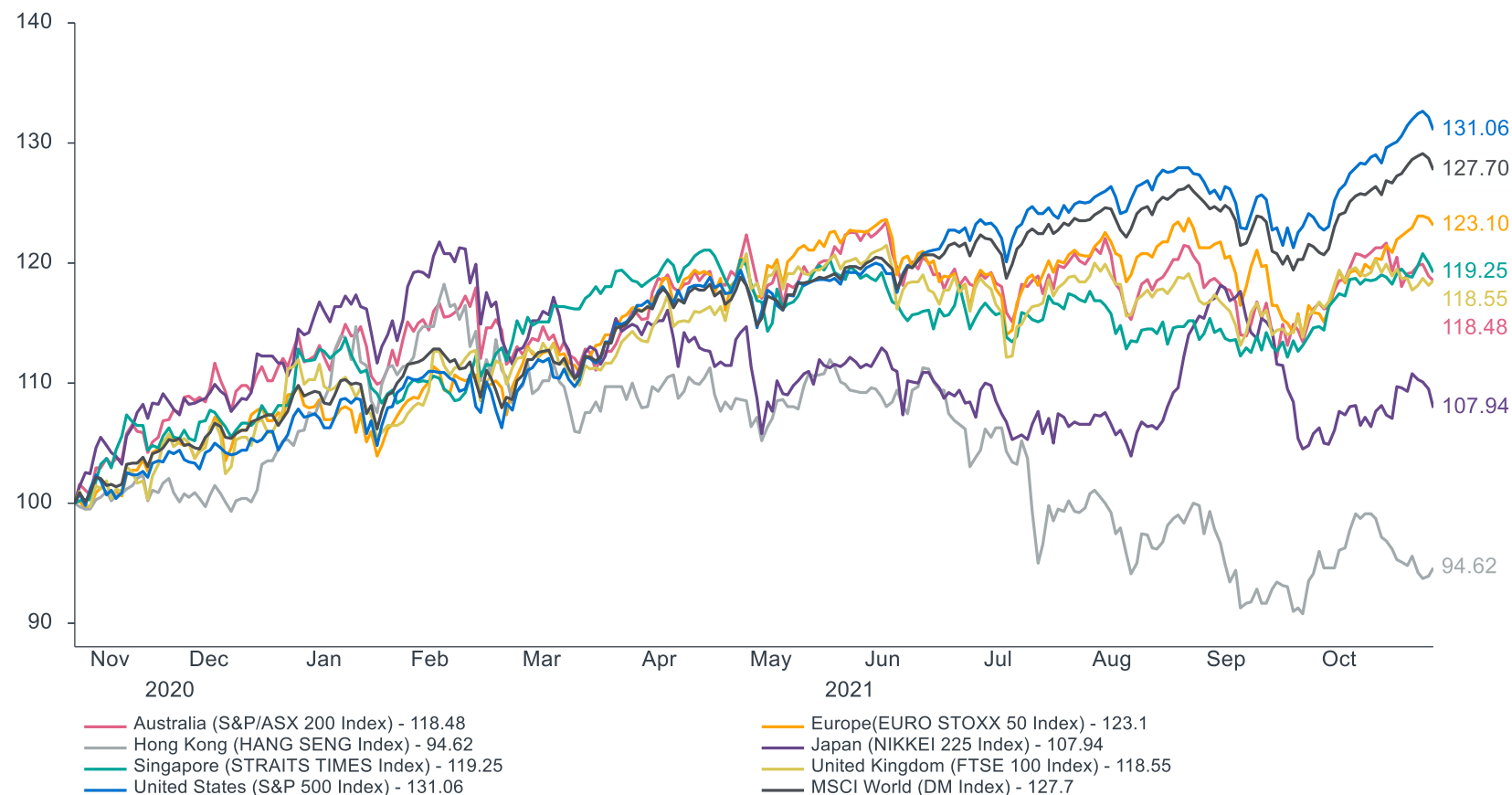
## GLOBAL MARKETS YIELD



	3M	6M	1Y	3Y	5Y	10Y	20Y	30Y	50Y
SWITZERLAND	-0.800	-0.740	-0.690	-0.566	-0.361	-0.106	-0.023	-0.002	-0.019
EU	-0.872	-0.746	-0.695	-0.667	-0.473	-0.167	-0.081	0.149	0.402
GERMANY	-0.872	-0.746	-0.695	-0.667	-0.473	-0.167	0.000	0.149	0.000
JAPAN	-0.115	-0.105	-0.104	-0.100	-0.079	0.084	0.469	0.684	0.000
UK	0.135	0.000	0.488	0.754	0.844	1.073	1.266	1.200	0.961
USA	0.051	0.000	0.170	0.757	1.185	1.579	1.994	1.986	0.000
AUSTRALIA	0.150	0.180	0.312	0.917	1.312	1.848	2.470	2.557	0.000
CHINA	3.640	3.550	2.230	2.640	2.783	2.944	3.600	3.475	0.000
INDIA	3.722	3.919	4.189	5.003	5.841	6.357	0.000	7.009	0.000
RUSSIA	7.830	8.380	8.030	8.530	8.380	8.290	8.220	0.000	0.000
SOUTH AFRICA	3.800	4.580	5.240	7.065	8.300	9.705	10.940	10.865	0.000
BRAZIL	8.493	10.100	11.790	12.550	12.025	11.875	0.000	0.000	0.000

Sub 0%	0% - 2%	2% - 5%	5% +
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# DEVELOPED MARKETS RELATIVE, LAST YEAR (USD)

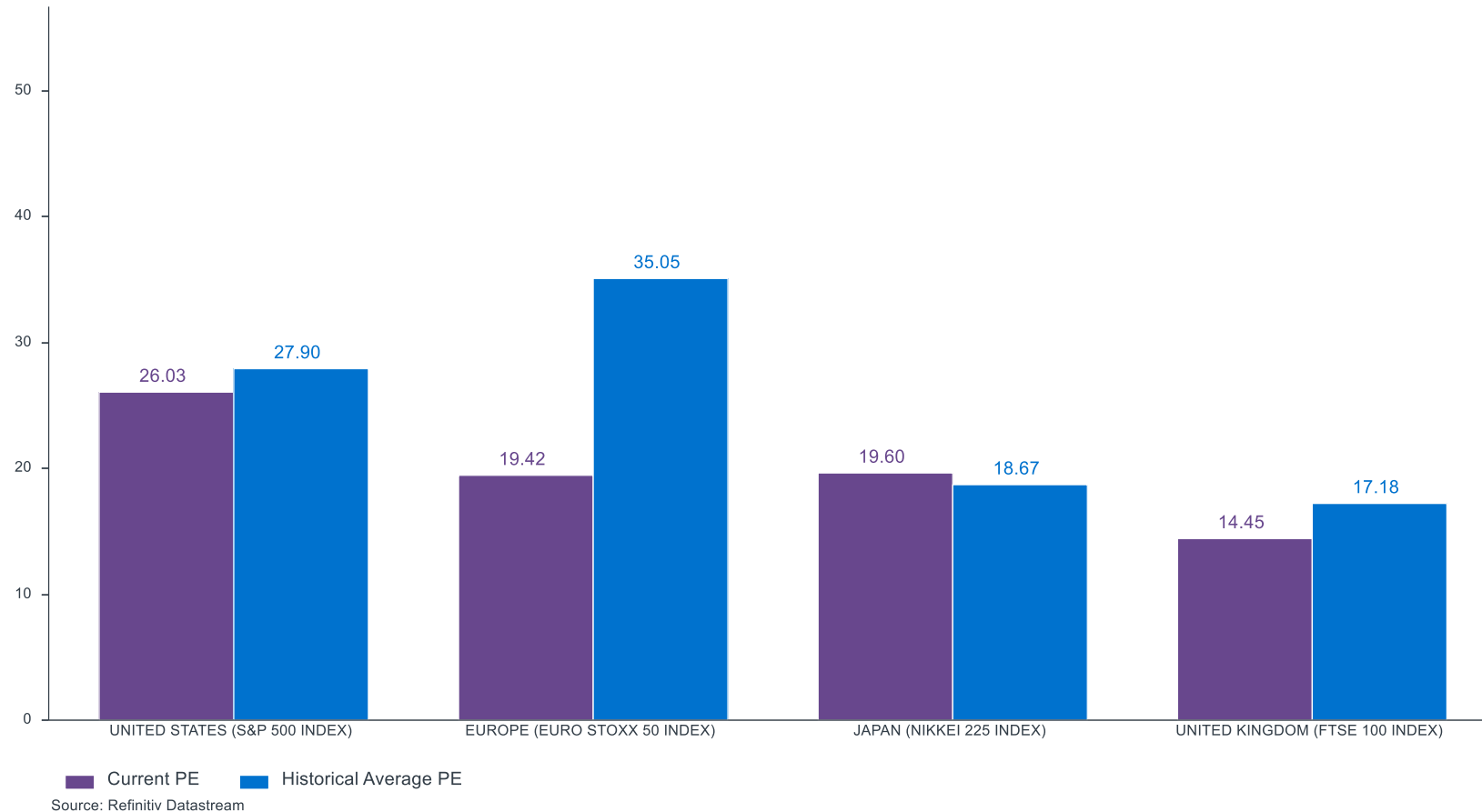


Source: Refinitiv Datastream

## DEVELOPED MARKETS PE'S



PE = Price Earnings





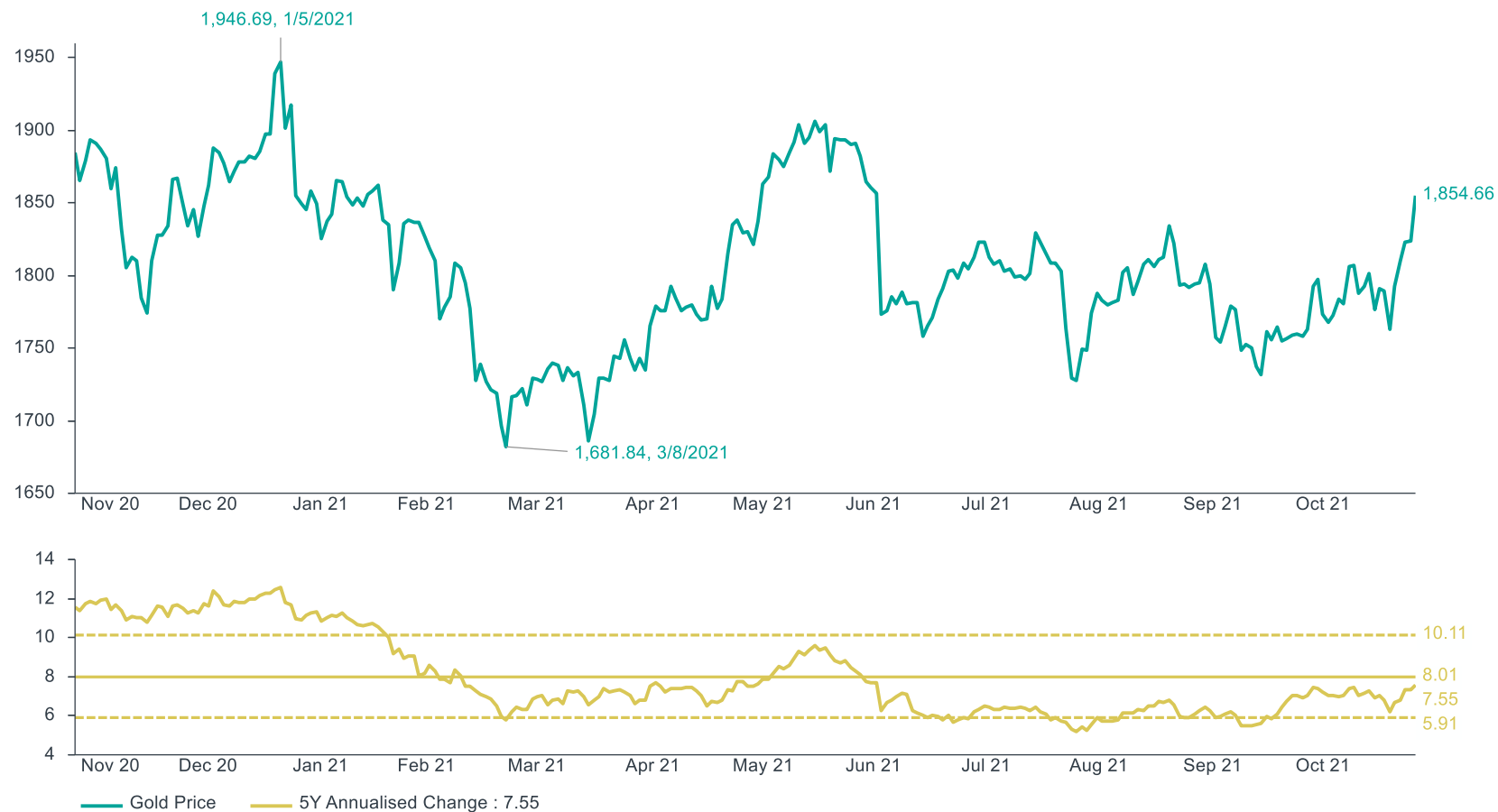
OTHER

# OIL PRICE (USD), LAST YEAR



Source: Refinitiv Datastream

# GOLD PRICE (USD), LAST YEAR



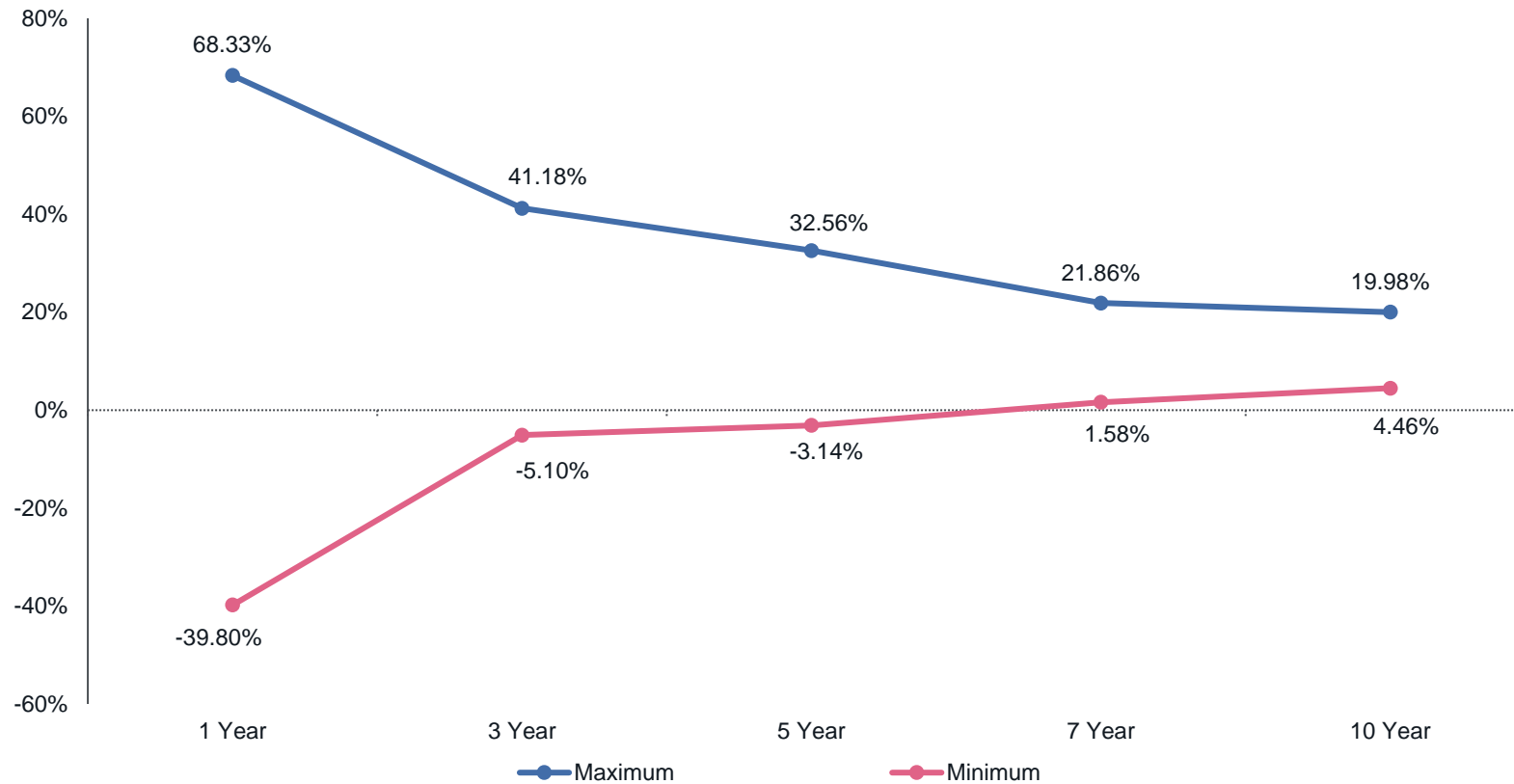
Source: Refinitiv Datastream



# FUNNEL OF UNCERTAINTY FOR THE ANNUALISED RETURNS OF JSE ALL SHARE PRICE INDEX - AUGUST



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



Source : Refinitiv DataStream

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THANK YOU