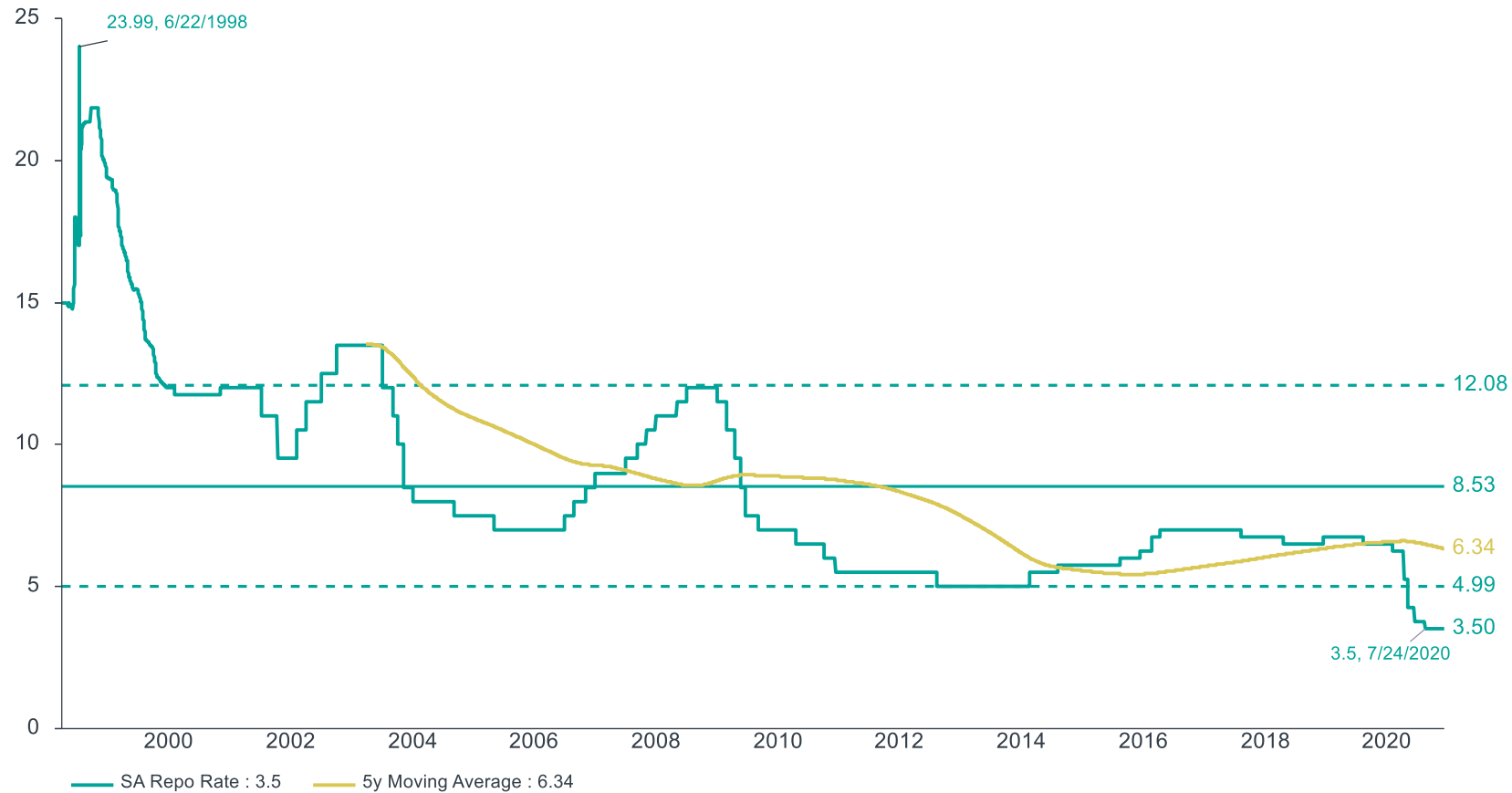




19 November 2020

CHART BOOK: MINI

SA REPURCHASE RATE

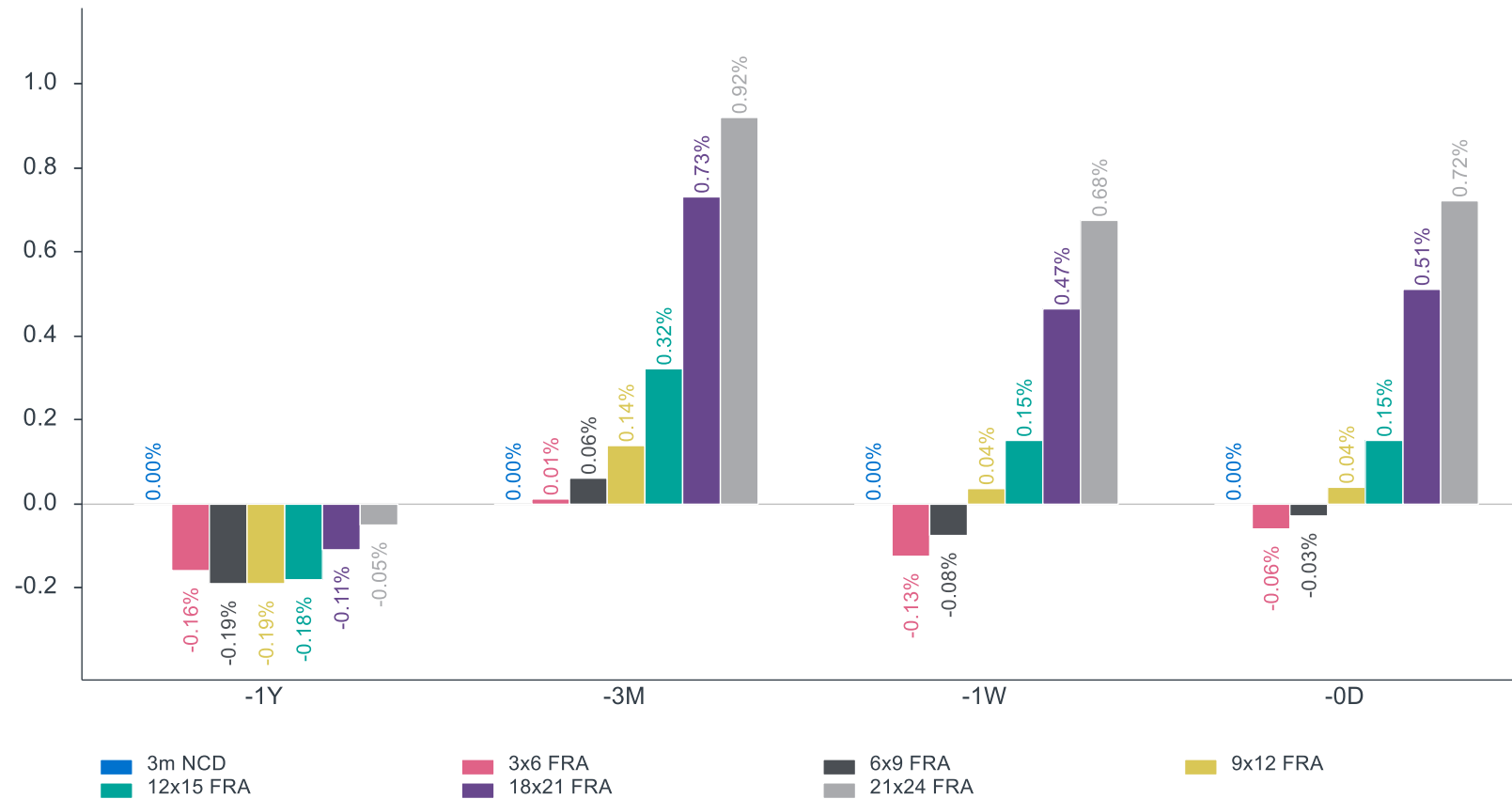


Source: Refinitiv Datastream

SA FRA'S, IMPLIED INTEREST RATE CHANGES

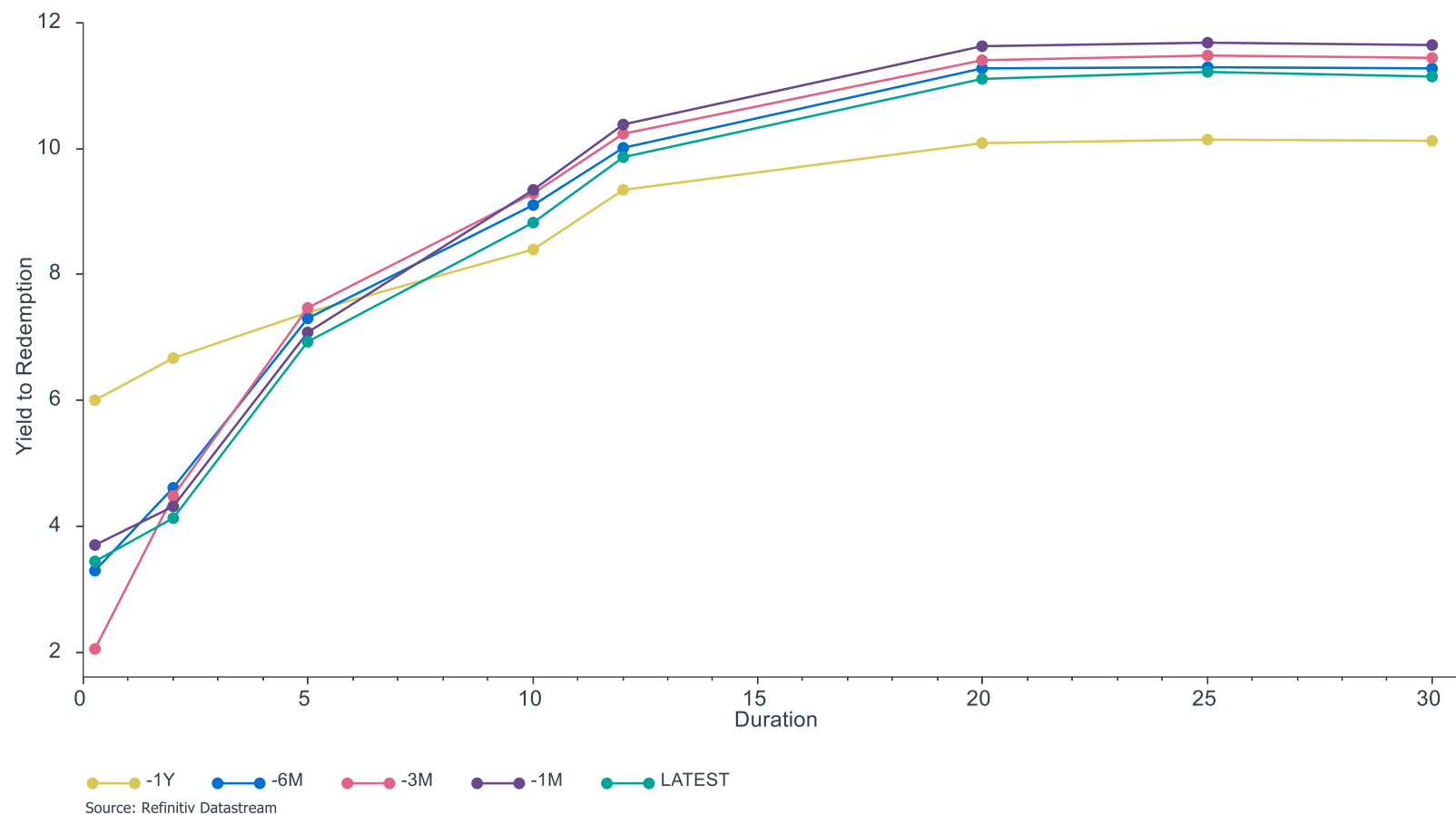


FRA = Forward Rate Agreement

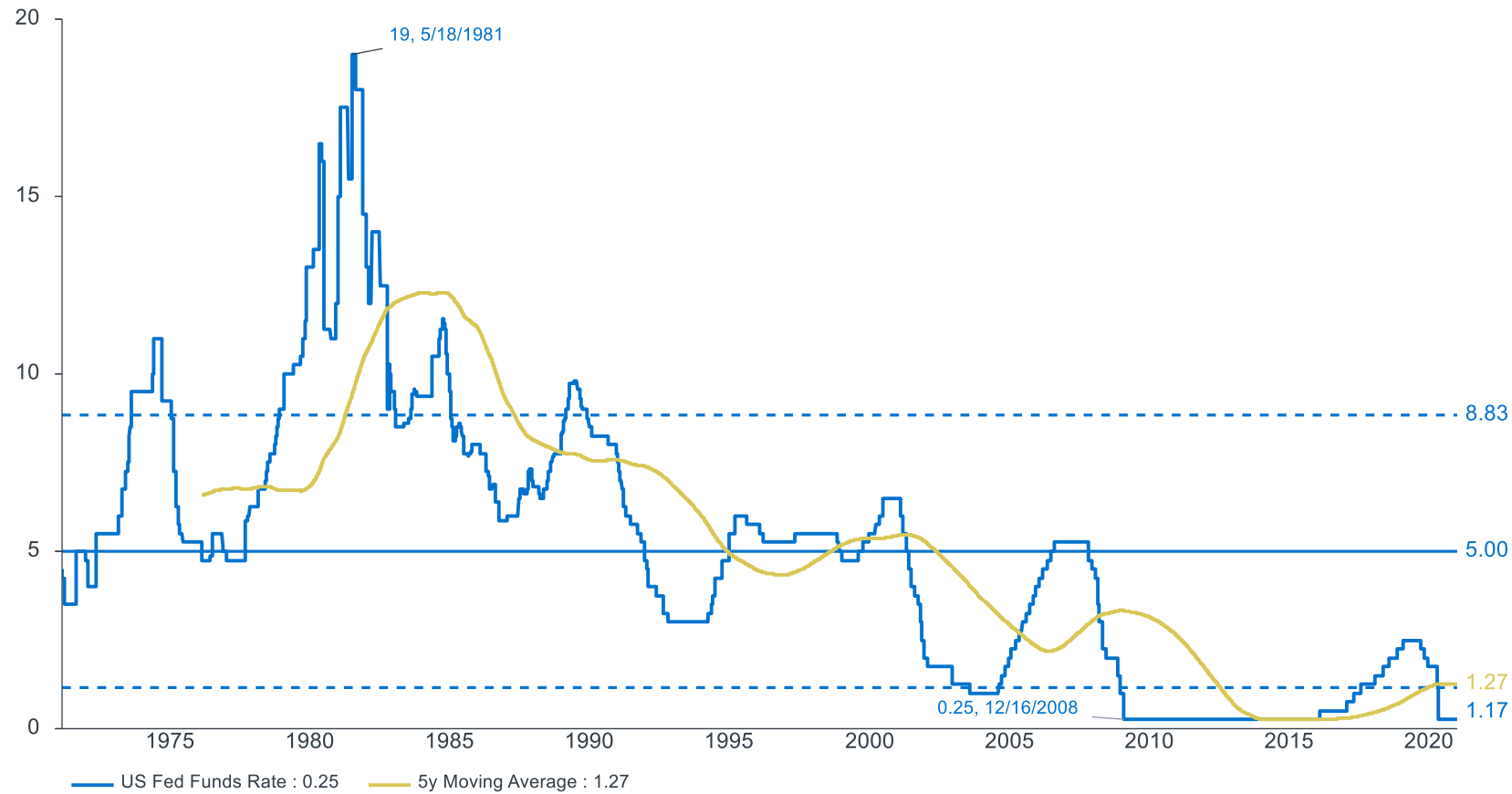


Source: Refinitiv Datastream

SA YIELD CURVE

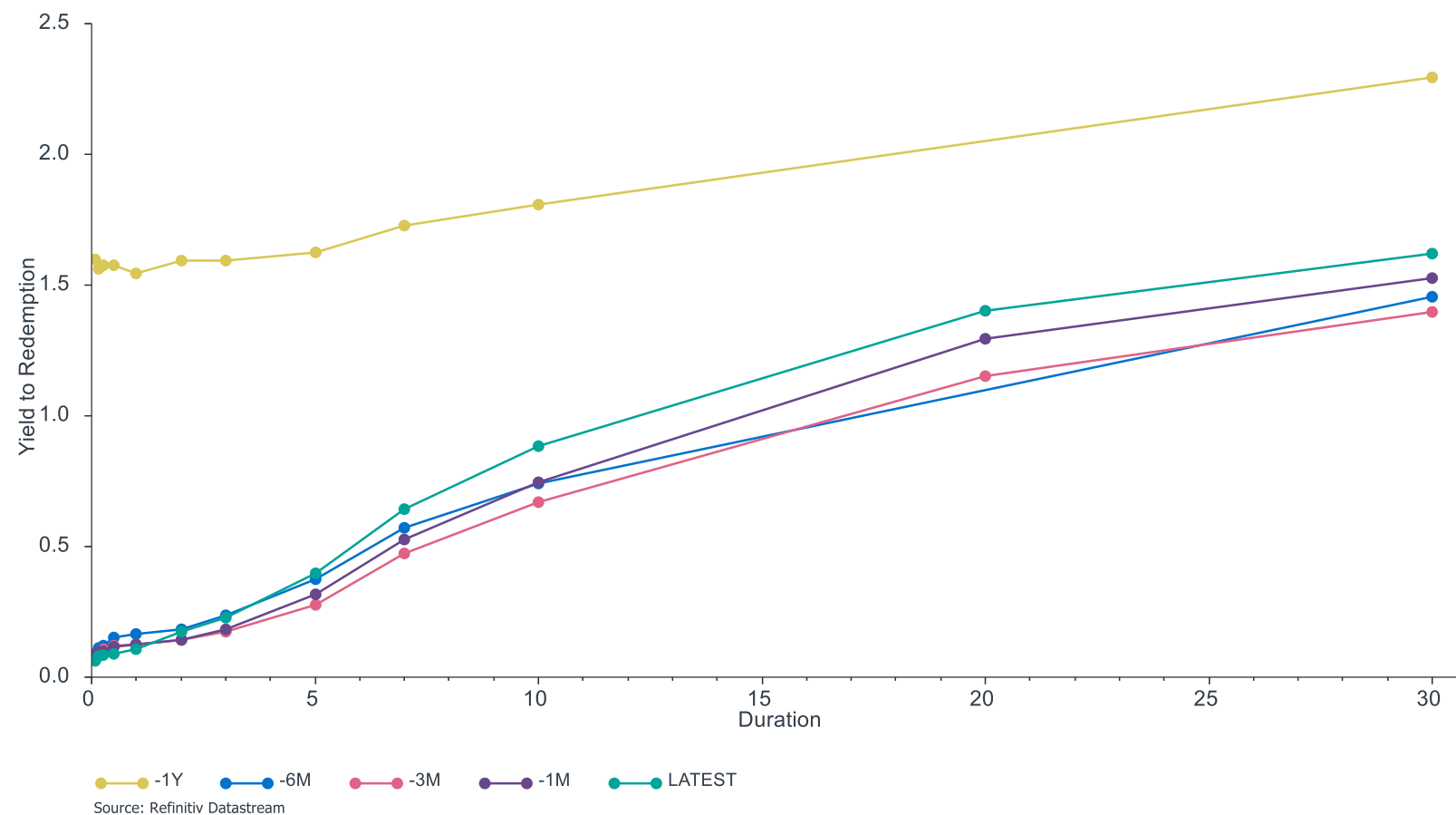


US FED FUNDS RATE

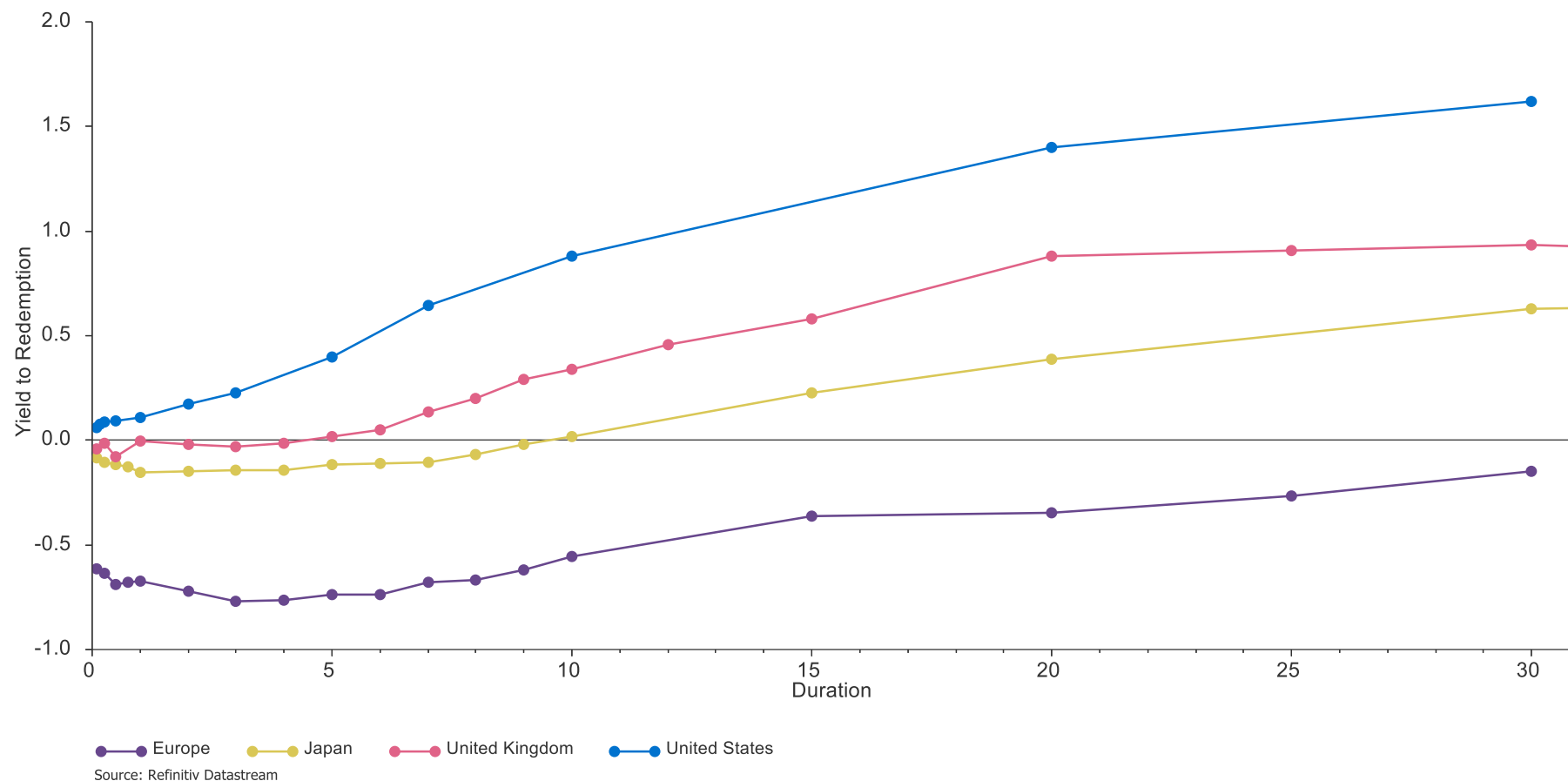


Source: Refinitiv Datastream

US YIELD CURVE



DEVELOPED MARKETS YIELD CURVES



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 Turkey and Russia (both junk at S&P; Russia junk at Moody's).

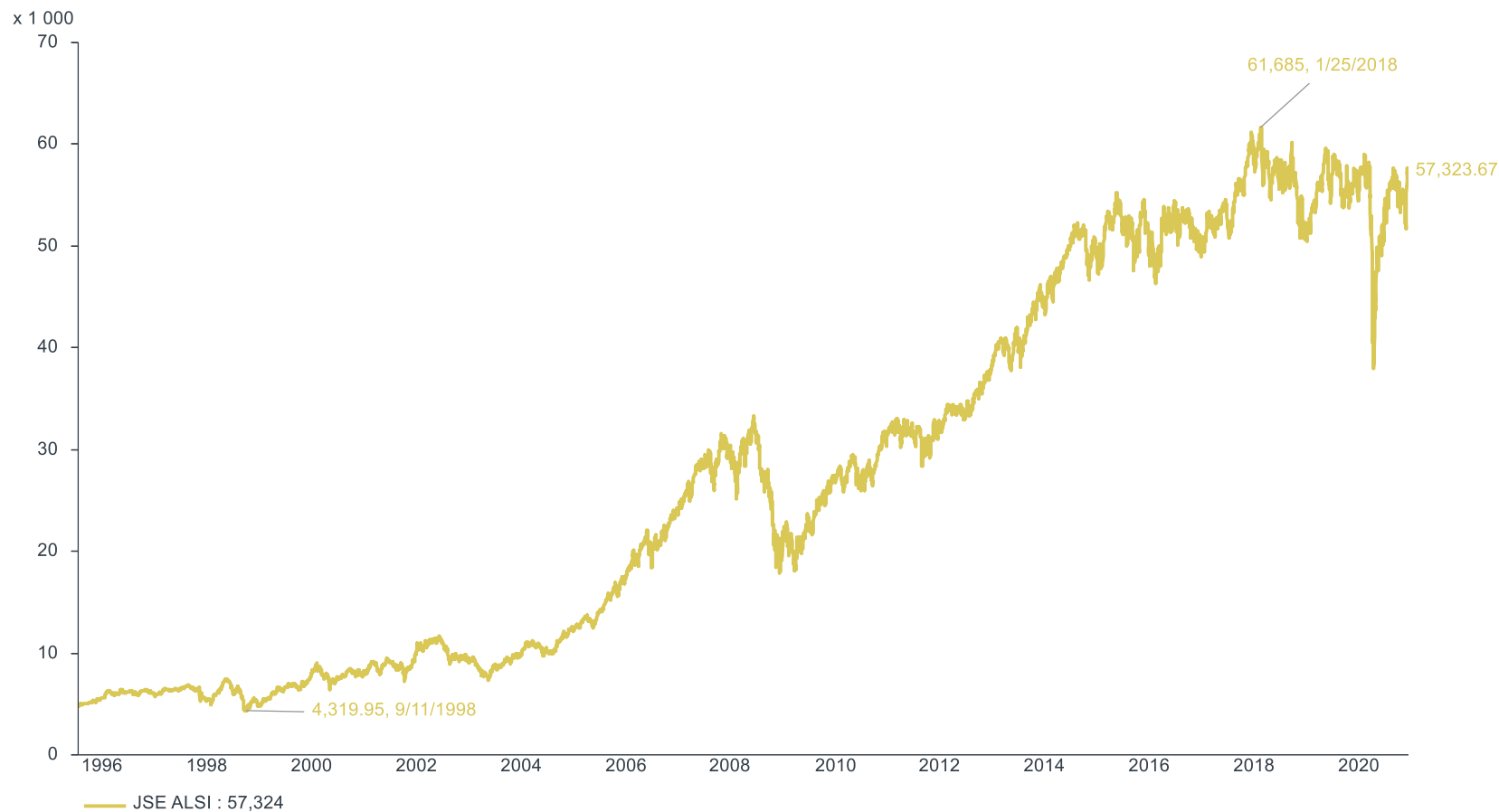
Note:

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.

JSE ALSI



ALSI = All Share Index

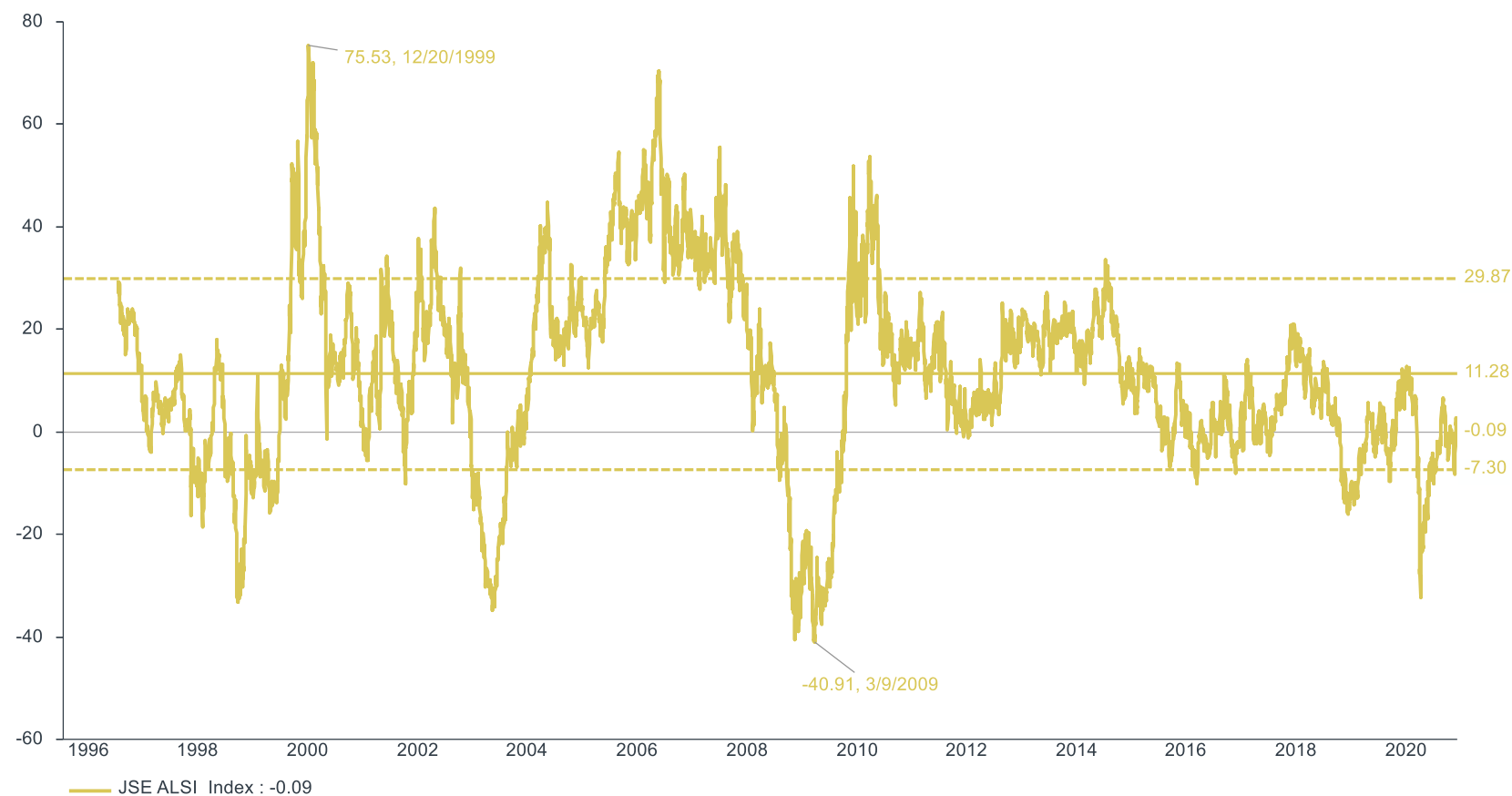


Source: Refinitiv Datastream



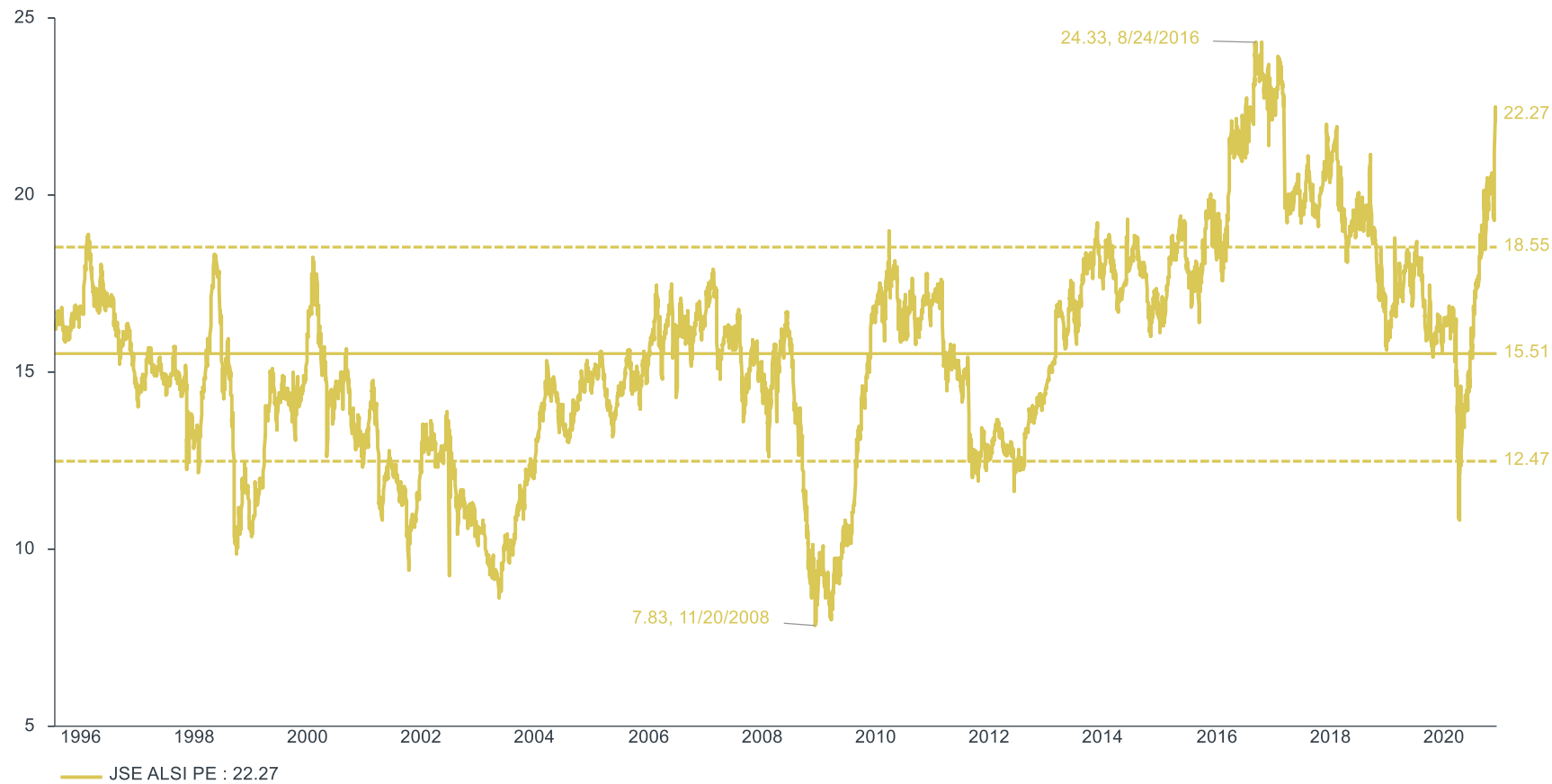
JSE ALSI INDEX, 1Y RATE OF CHANGE

ALSI = All Share Index



Source: Refinitiv Datastream

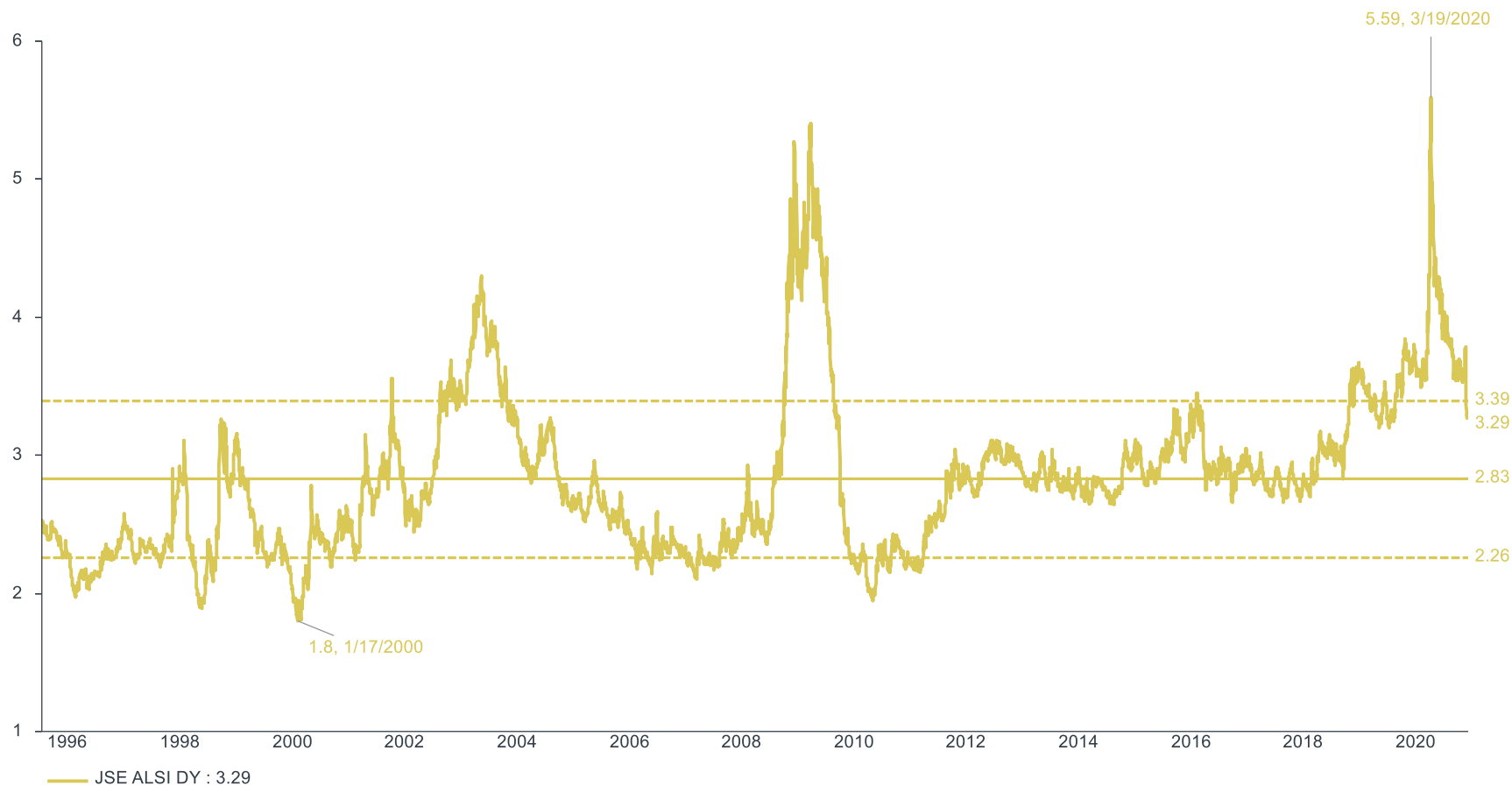
JSE ALSI PE



ALSI = All Share Index
PE = Price Earnings

Source: Refinitiv Datastream

JSE ALSI DY



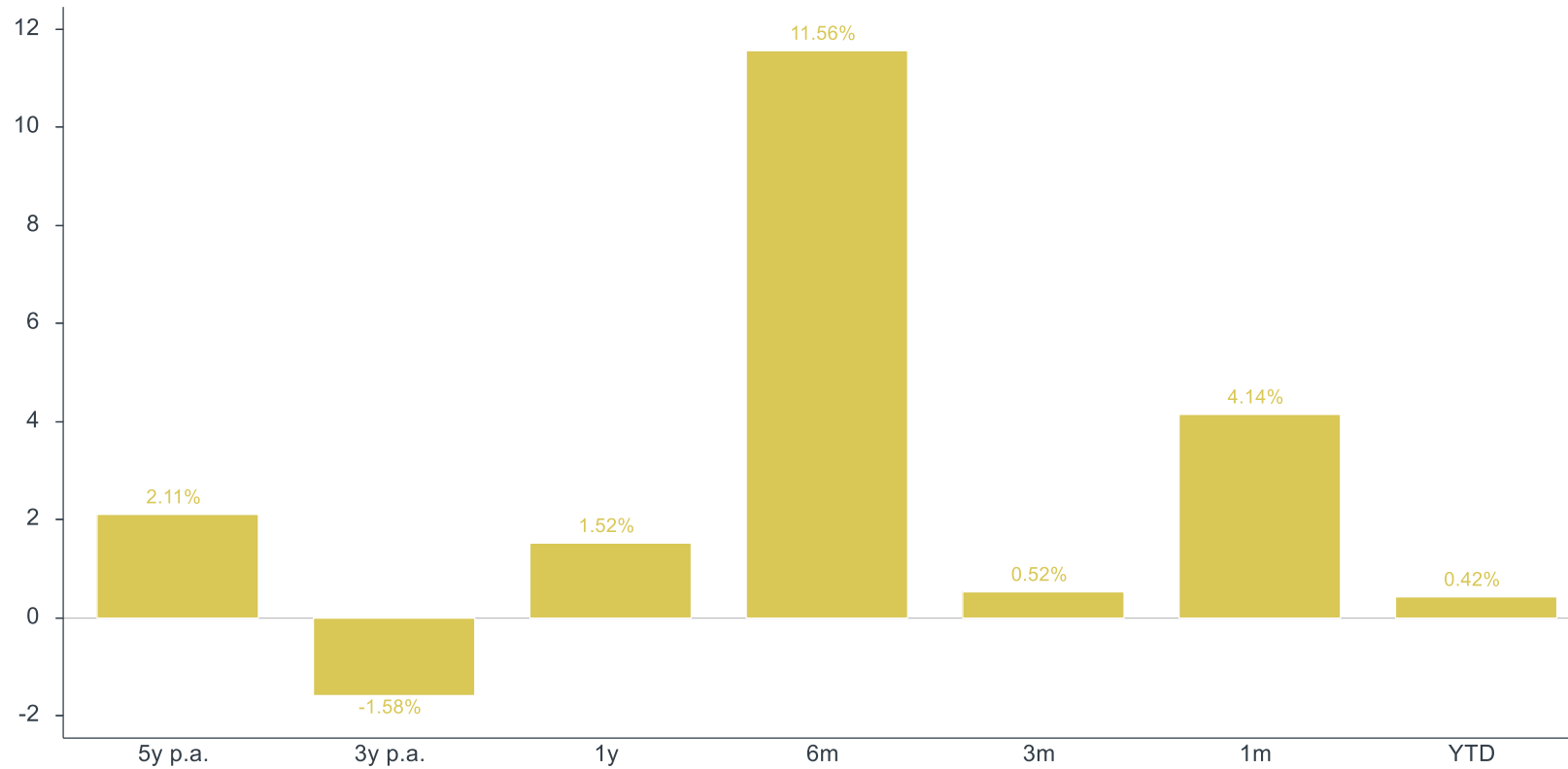
ALSI = All Share Index
DY = Dividend Yield

Source: Refinitiv Datastream

JSE ALSI, PERCENTAGE CHANGES



ALSI = All Share Index



JSE ALSI

Source: Refinitiv Datastream

GLOBAL MARKETS RELATIVE, LAST YEAR (USD)

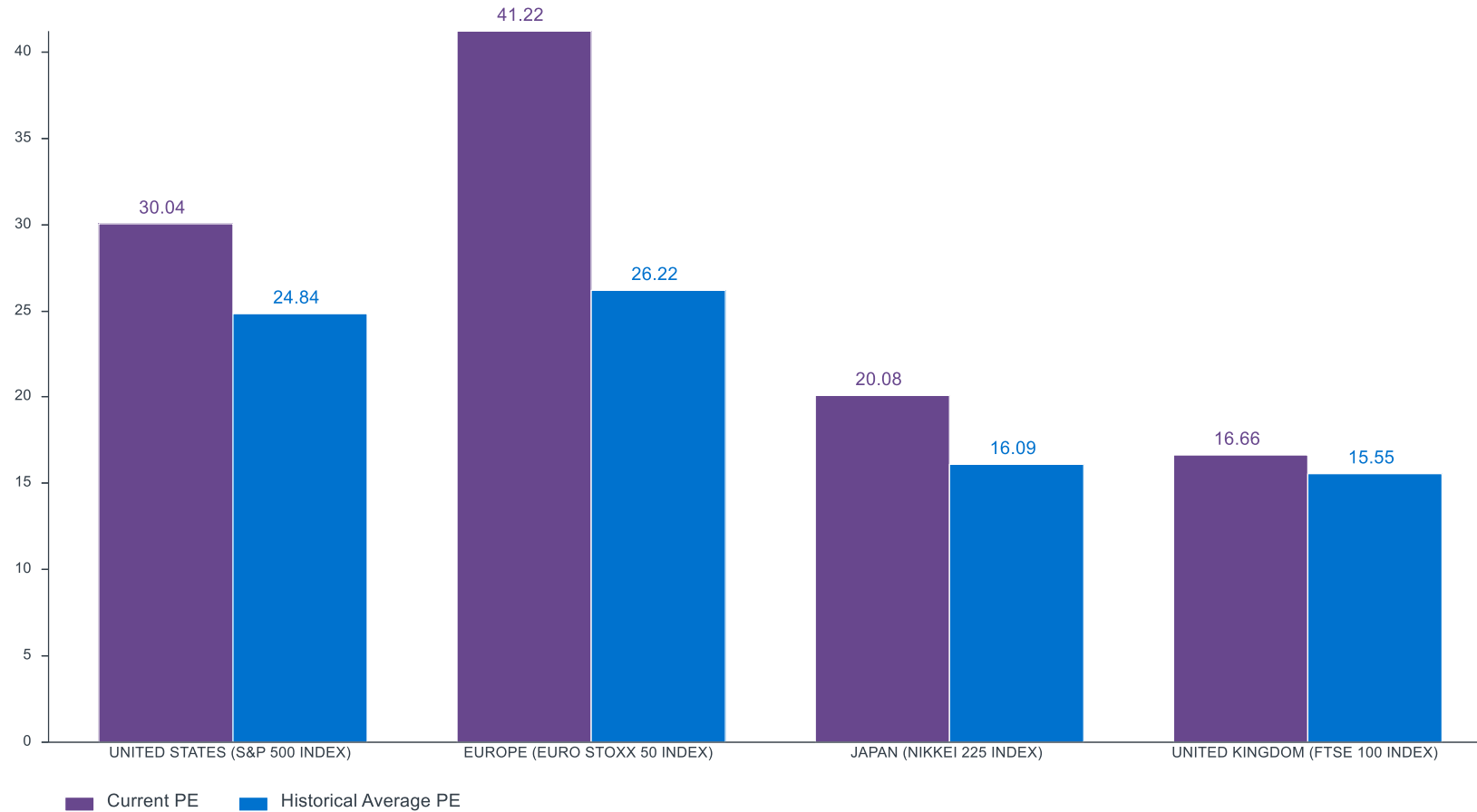


Source: Refinitiv Datastream

GLOBAL MARKETS PE'S

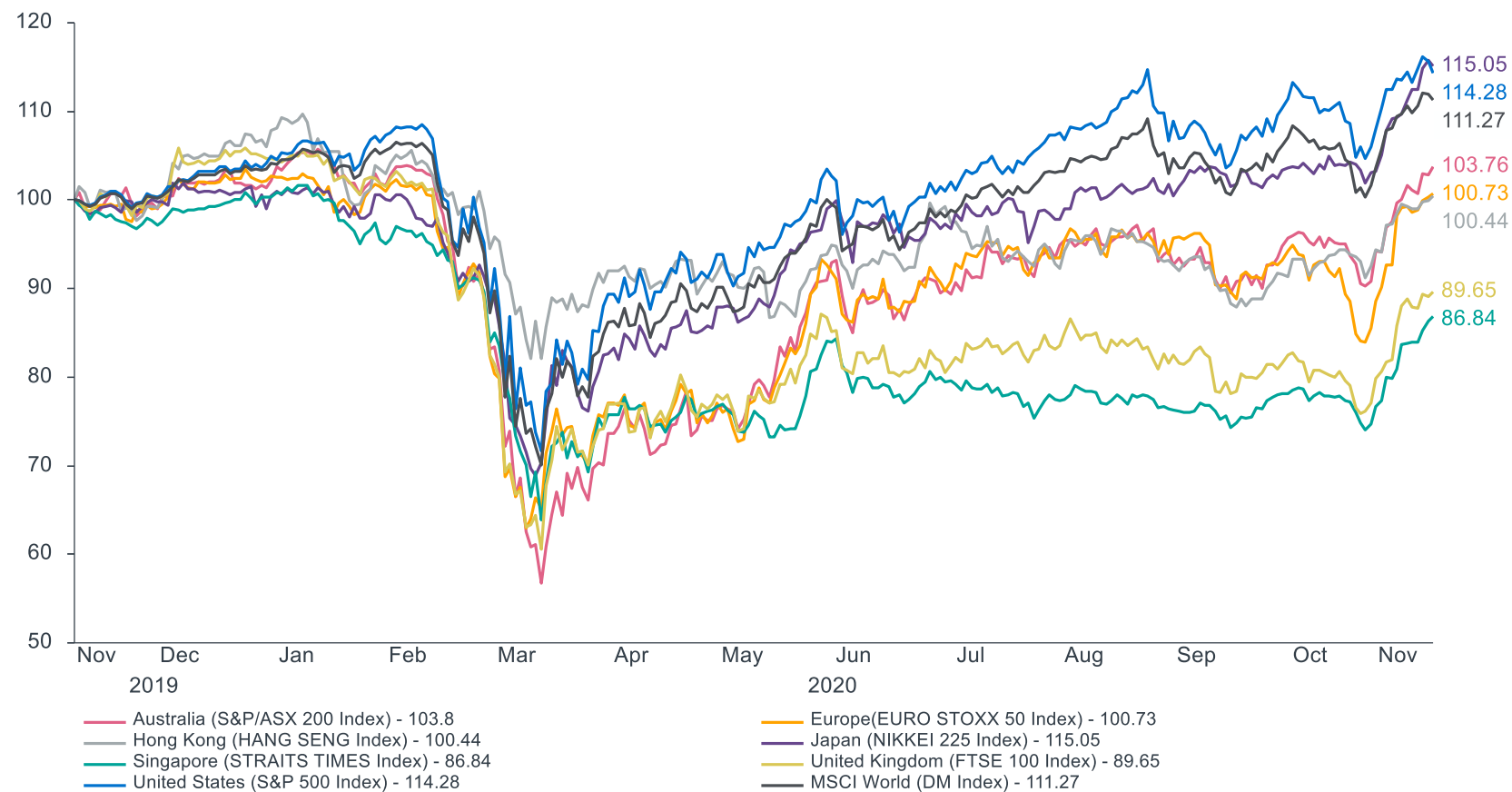


PE = Price Earnings



Source: Refinitiv Datastream

DEVELOPED MARKETS RELATIVE, LAST YEAR (USD)



Source: Refinitiv Datastream

SA LISTED PROPERTY INDEX DY

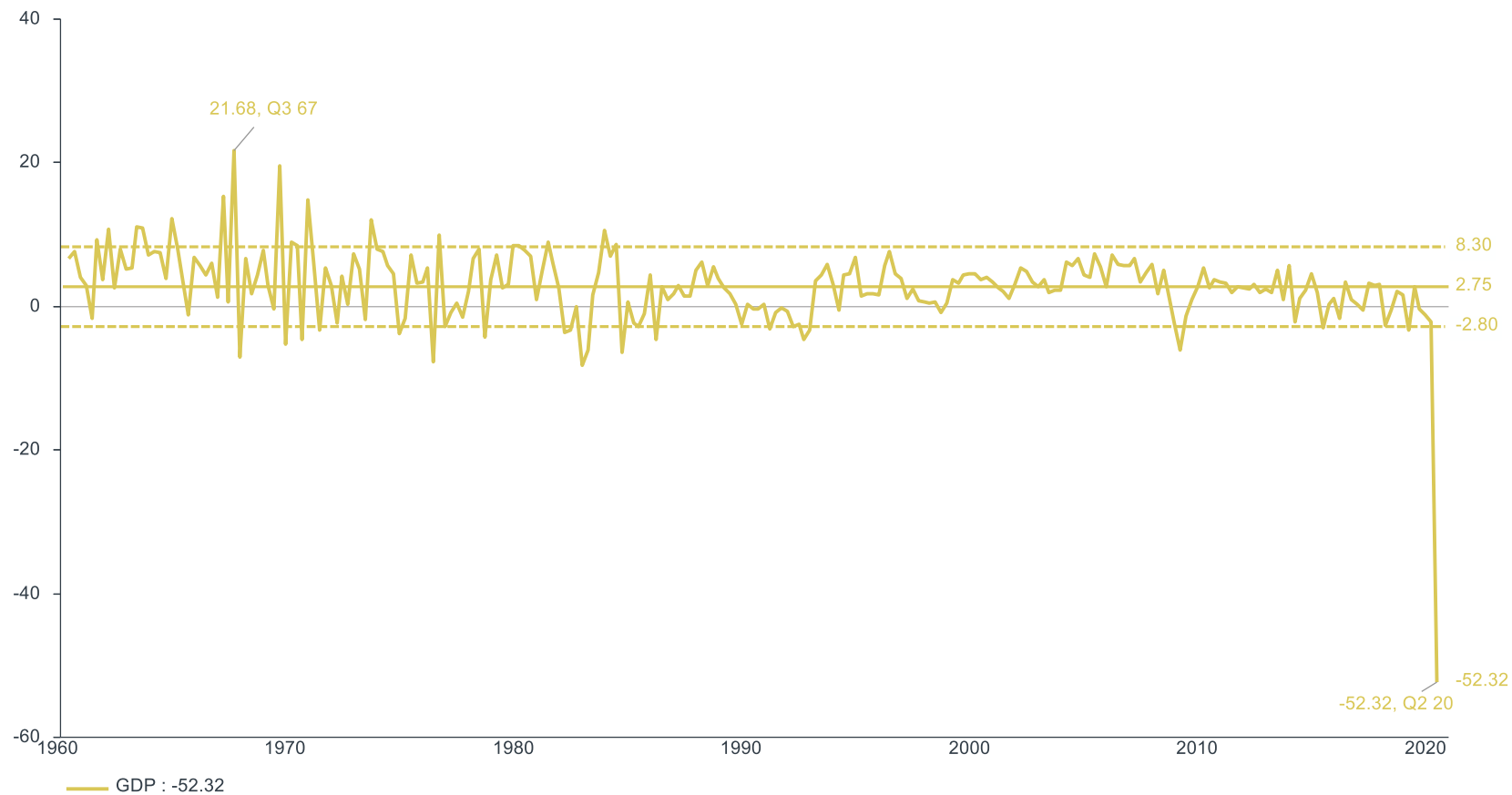


DY = Dividend Yield



Source: Refinitiv Datastream

GDP

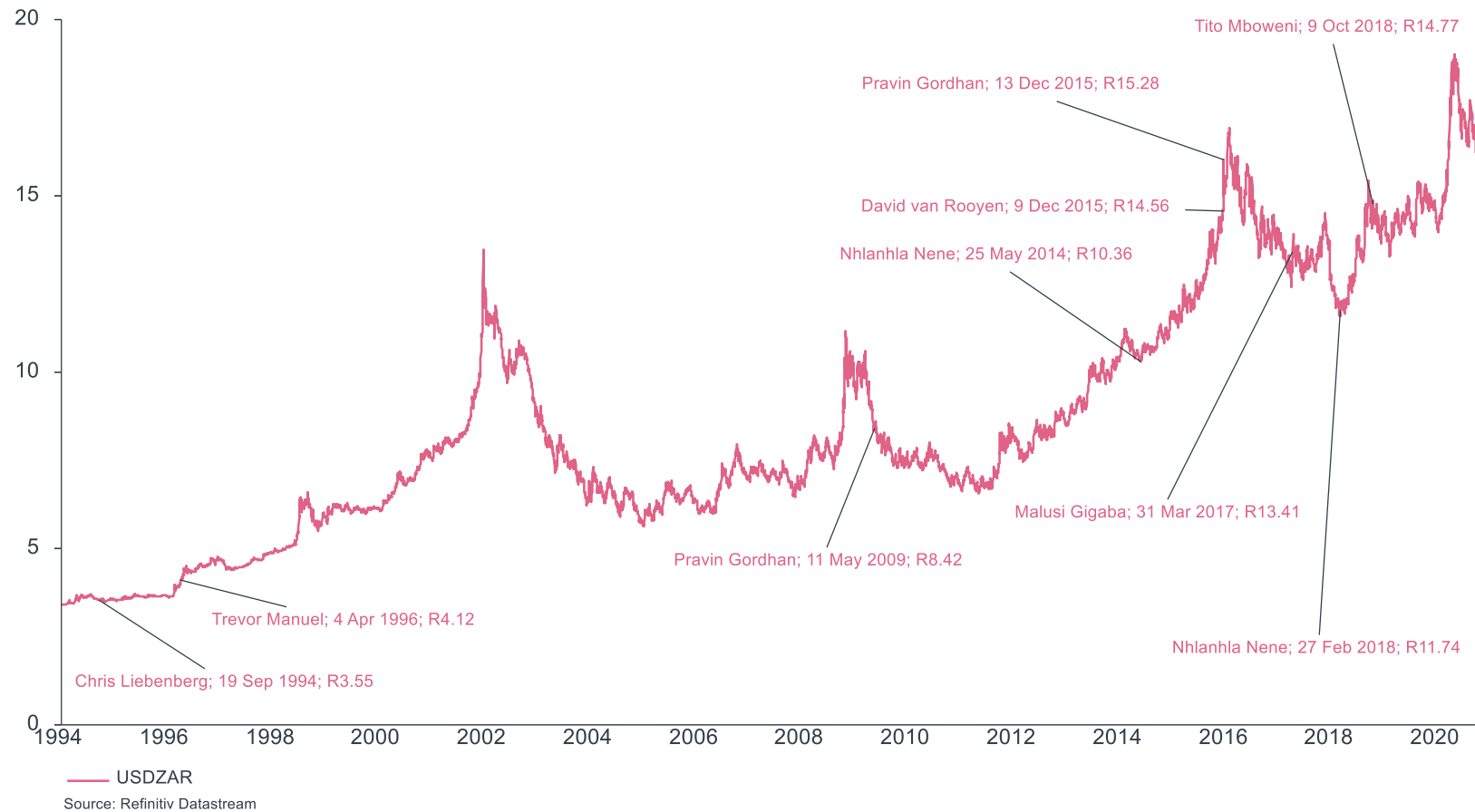


Source: Refinitiv Datastream

USDZAR



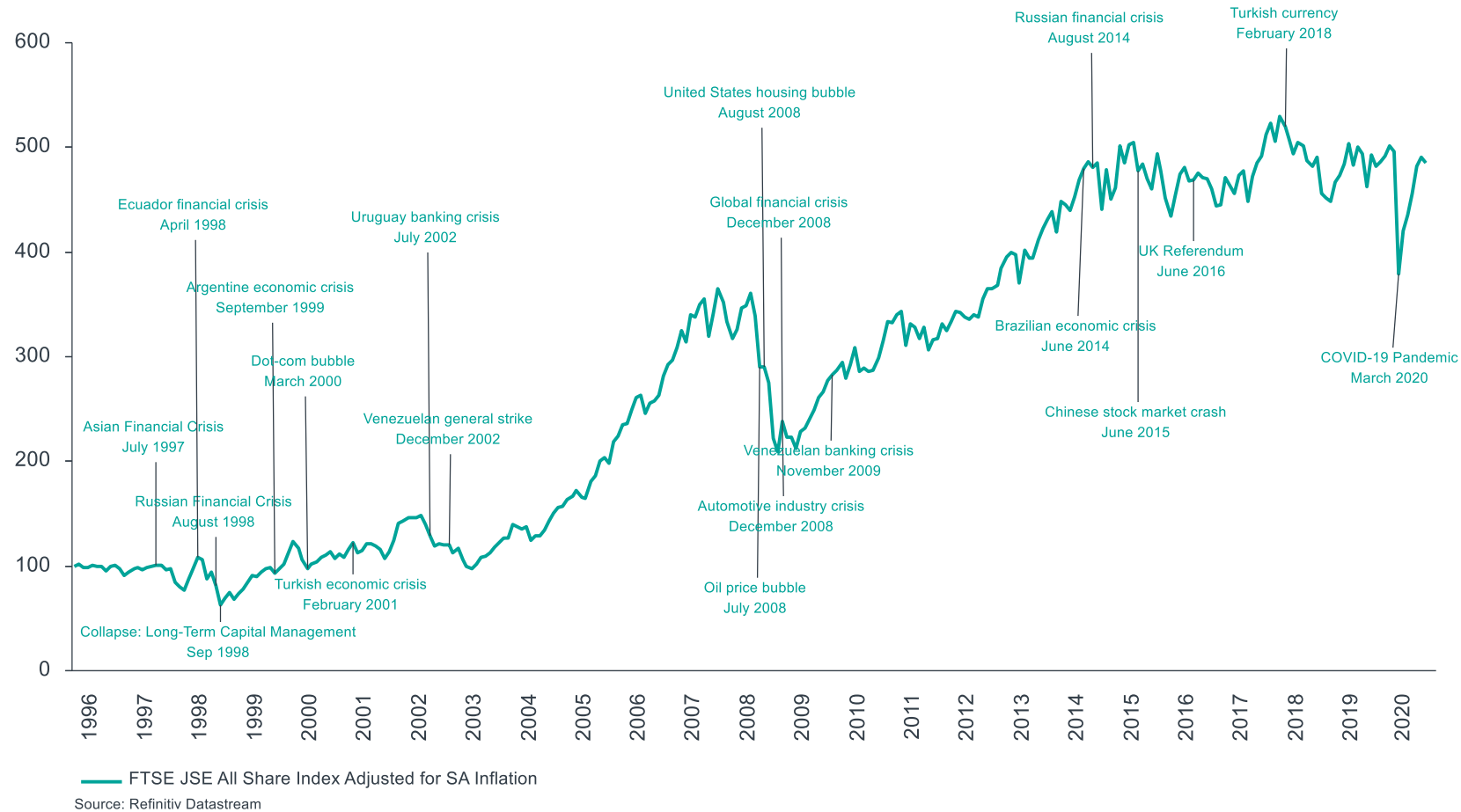
USDZAR



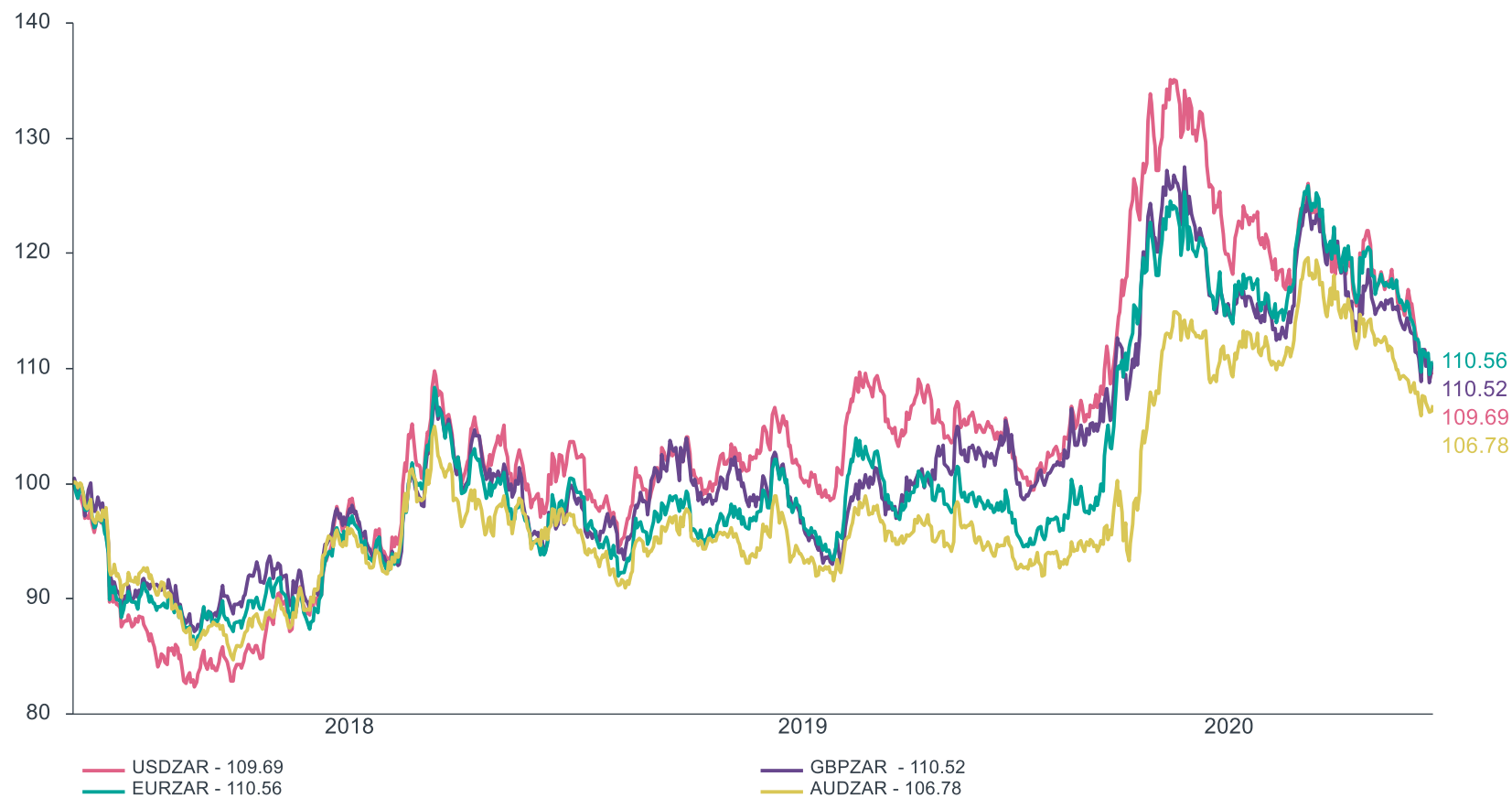
With Tito Mboweni's appointment as Finance Minister on the 9th of October, South Africa has the unenviable track record of having had 5 Finance Ministers in the last three years.

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.

FINANCE CRISES

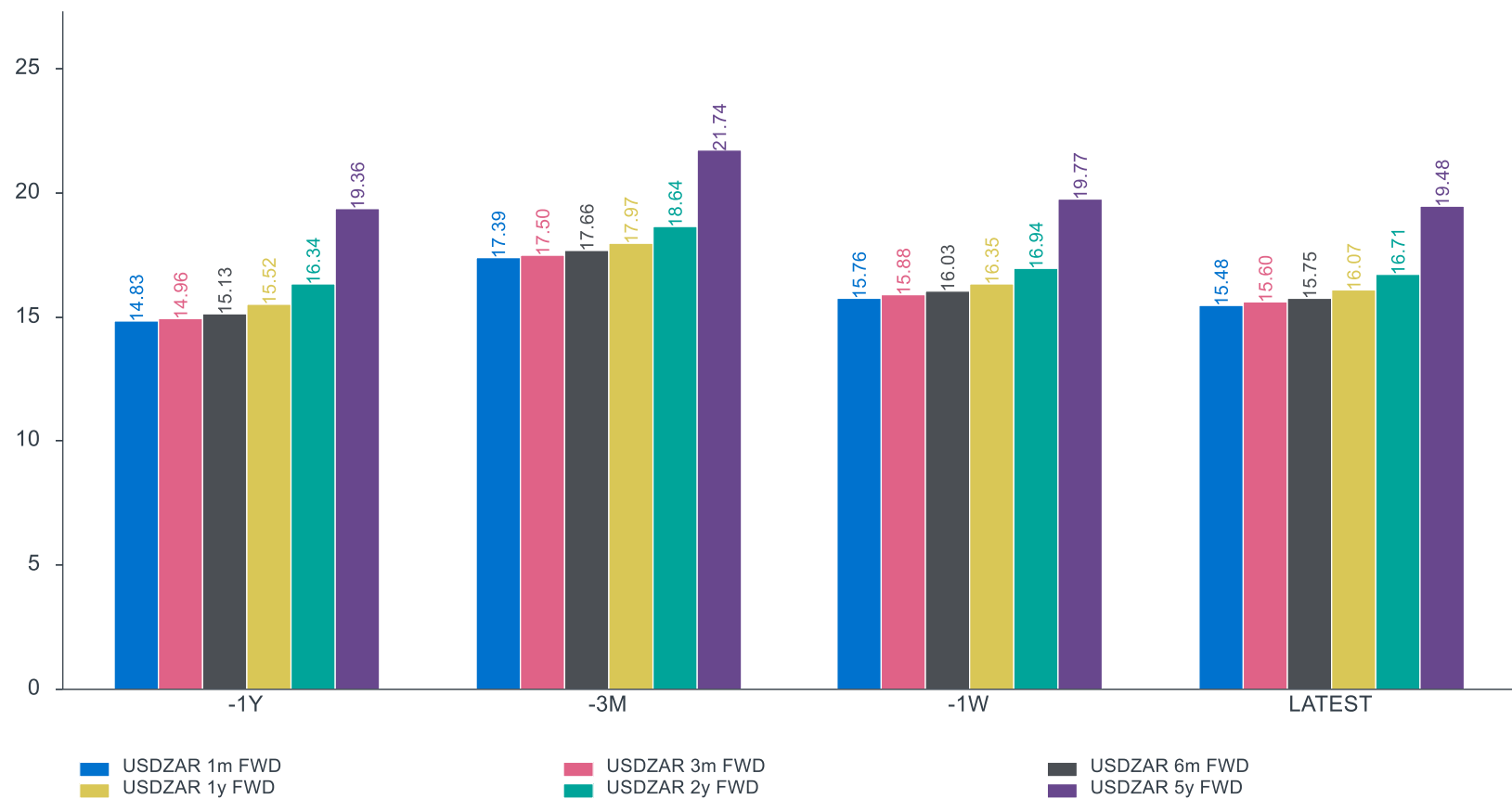


ZAR LAST YEAR, REBASED TO 100



Source: Refinitiv Datastream

USDZAR FORWARD



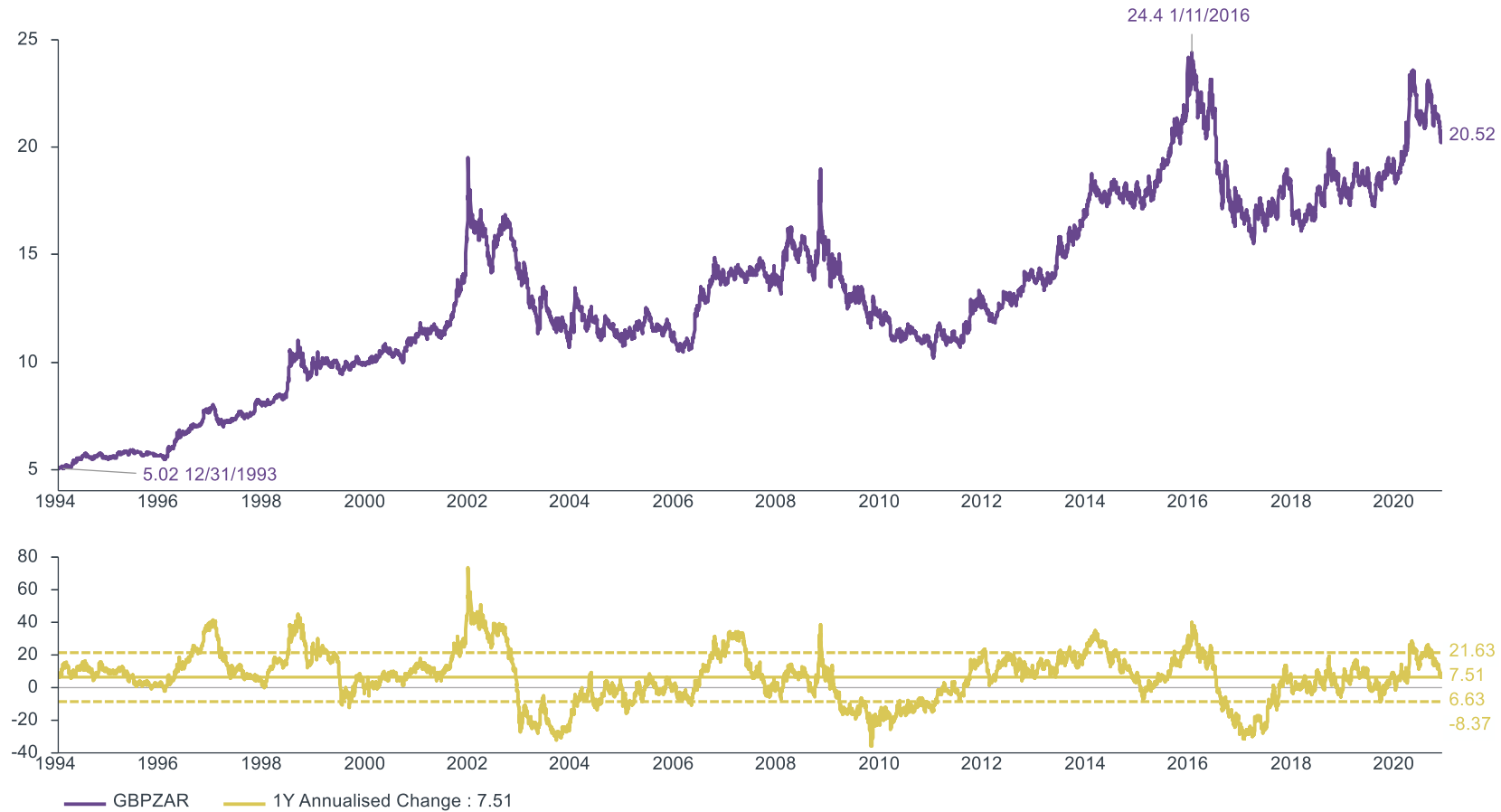
Source: Refinitiv Datastream

GBPUSD



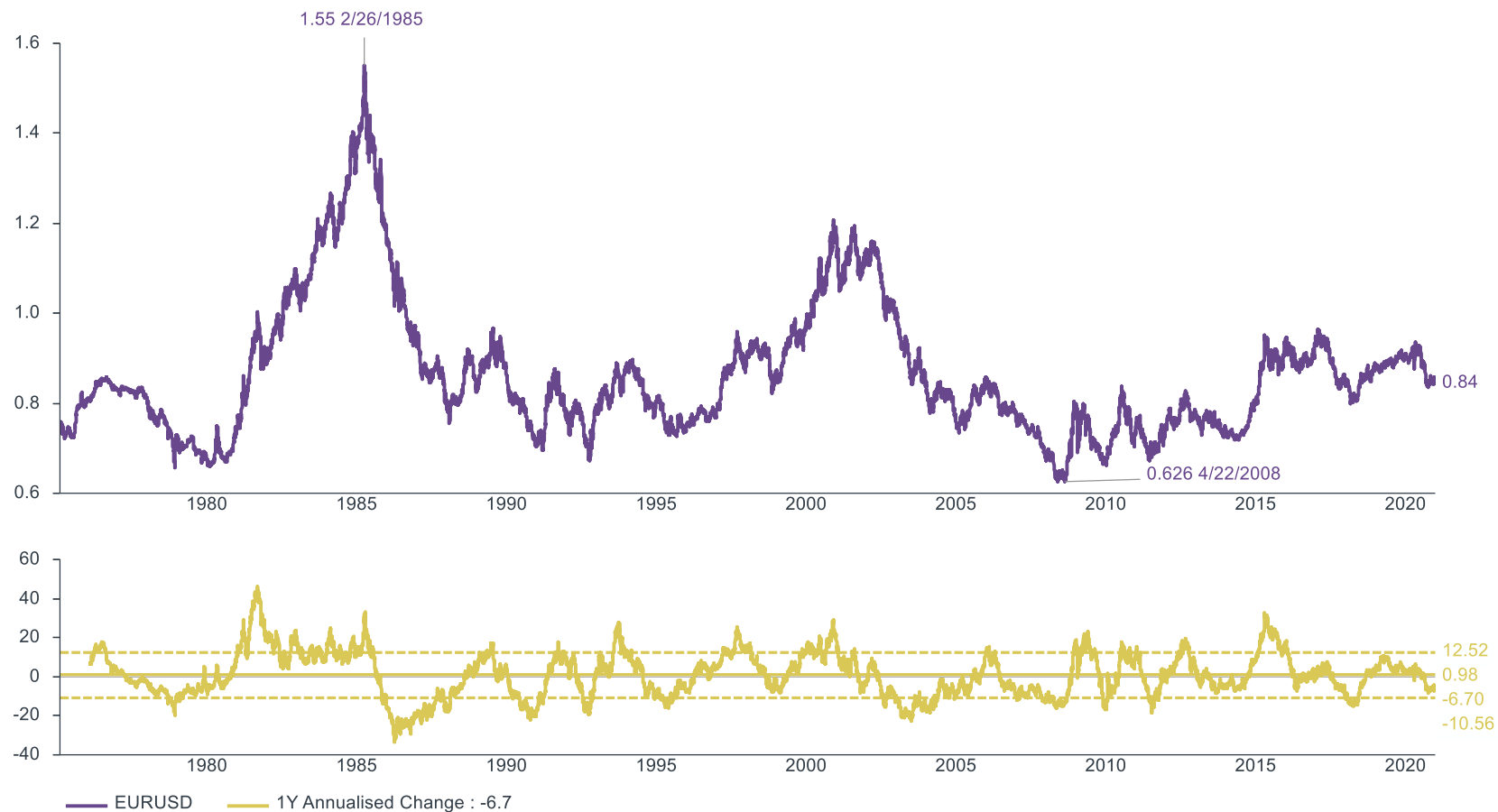
Source: Refinitiv Datastream

GBPZAR



Source: Refinitiv Datastream

EURUSD

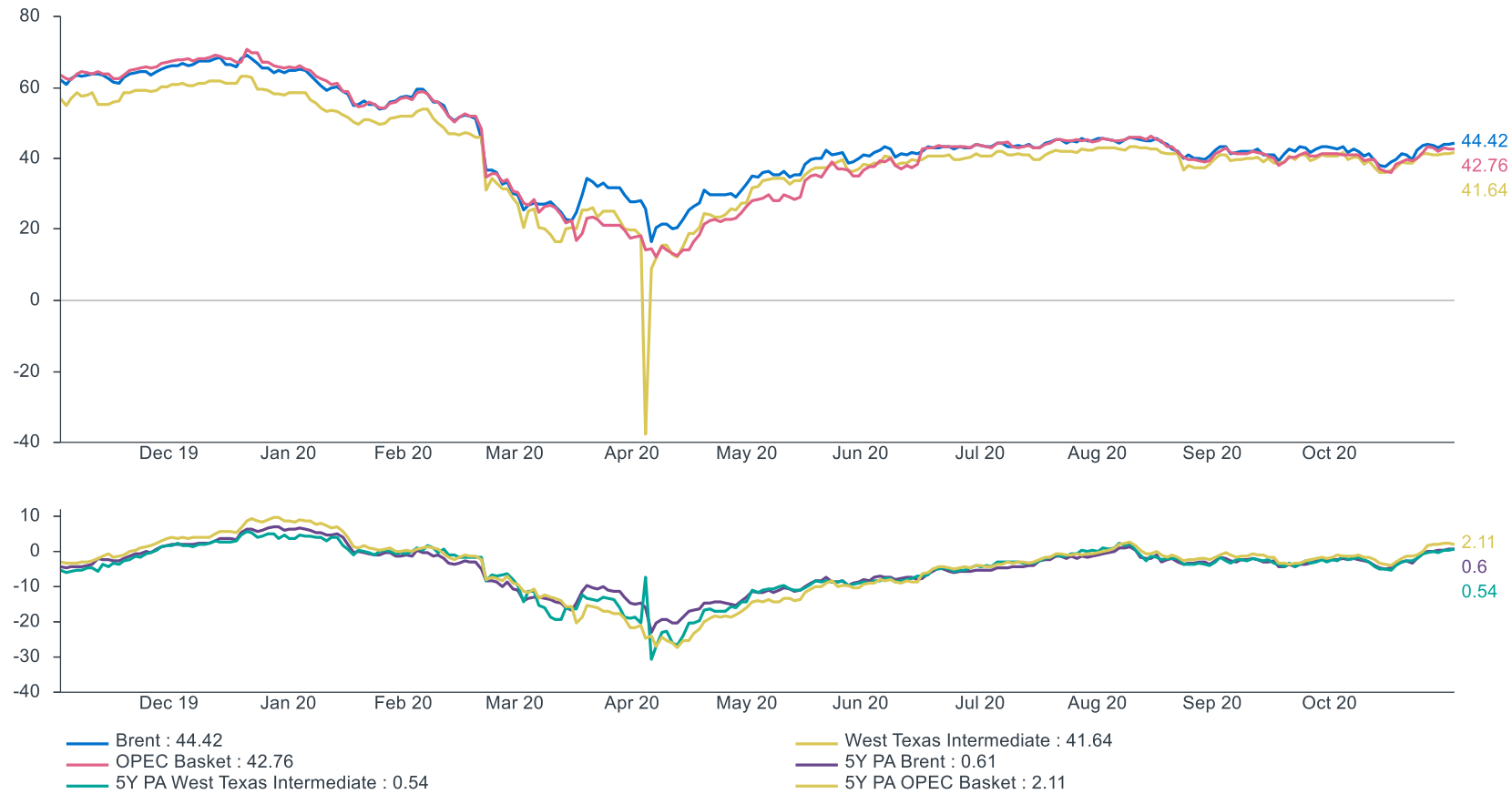


OIL PRICE IN ZAR



Source: Refinitiv Datastream

OIL PRICE, LAST YEAR



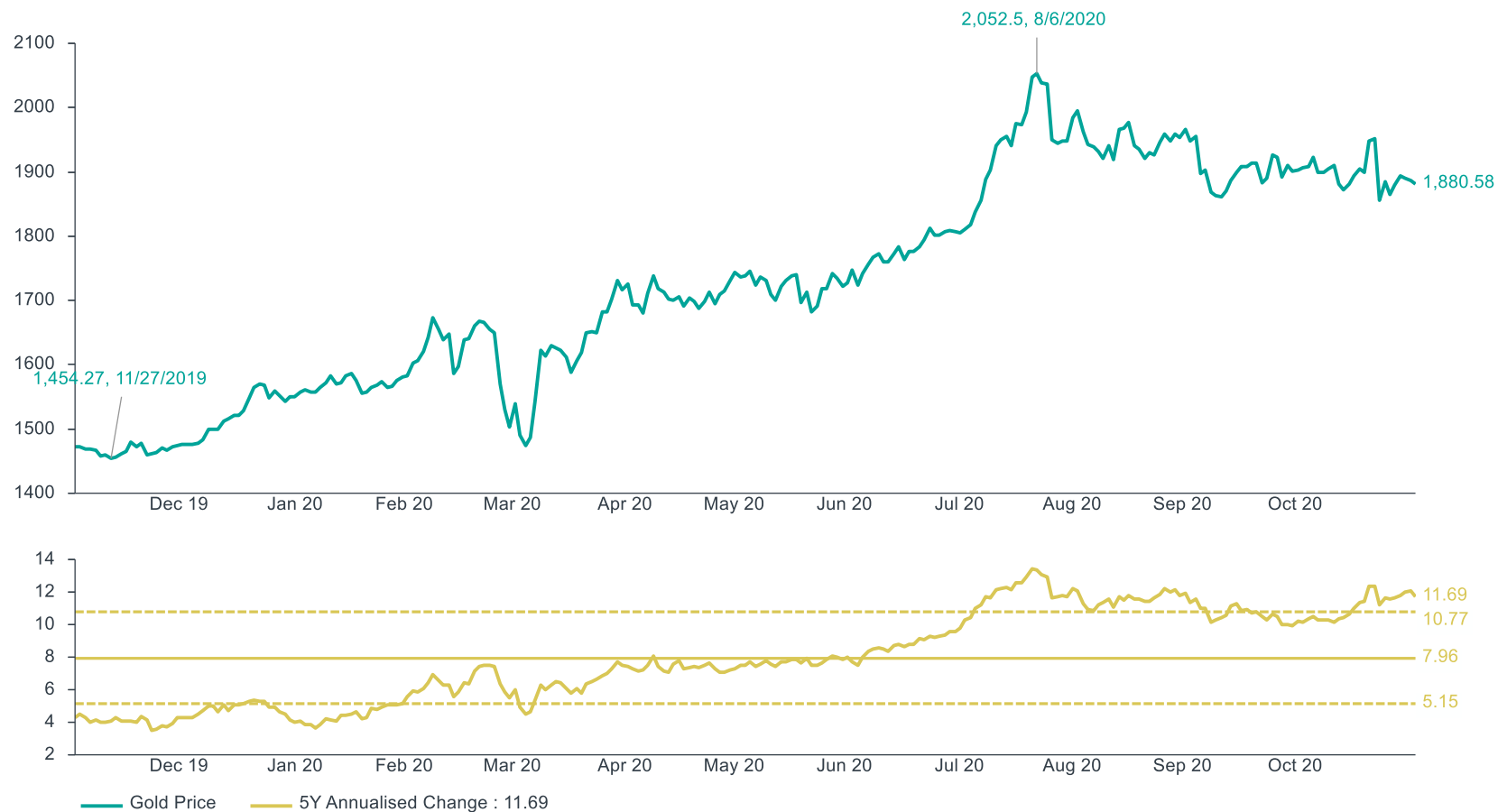
Source: Refinitiv Datastream

GOLD PRICE (USD)



Source: Refinitiv Datastream

GOLD PRICE (USD), LAST YEAR

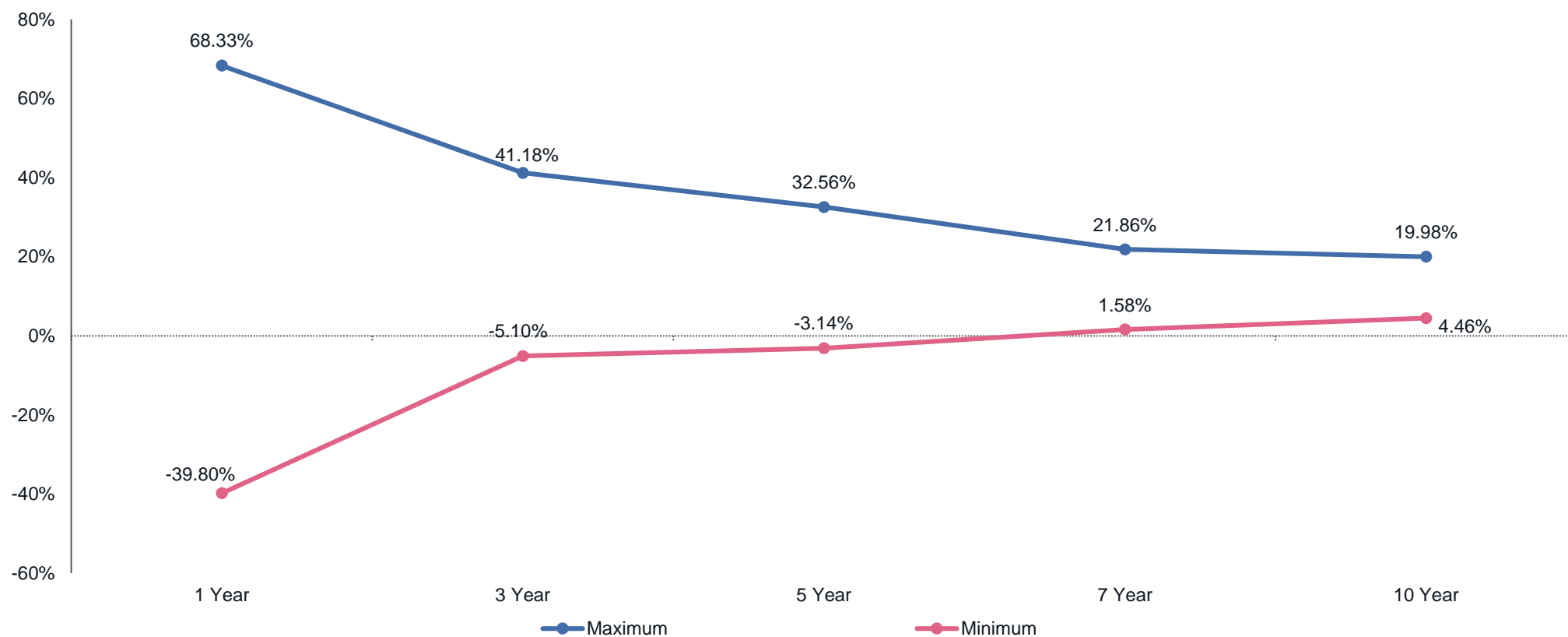


Source: Refinitiv Datastream

EQUITIES V INFLATION V CASH



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



Source : Refinitiv DataStream

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THANK YOU