m

Key market performance drivers

Monthly charts to 31 October 2023

m

Table of contents

Market concentration

Sector analysis

Active index analysis

Index return charts

Style analysis

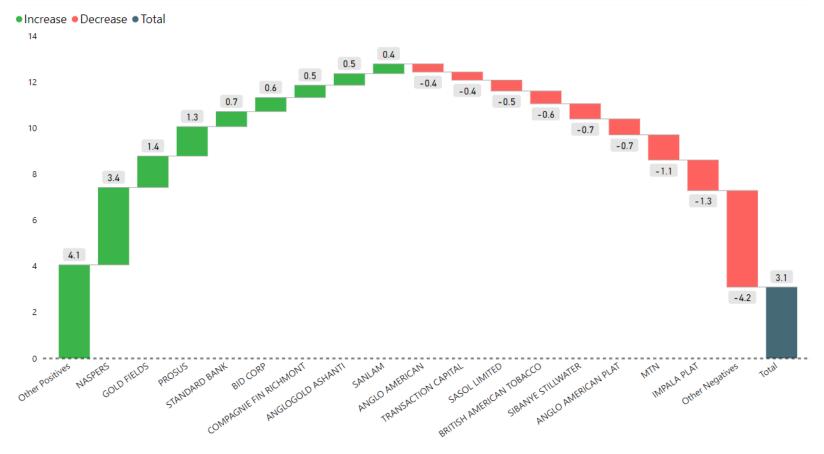
Volatility and international flows

Market concentration

01

One-year Capped SWIX contributions to October 2023





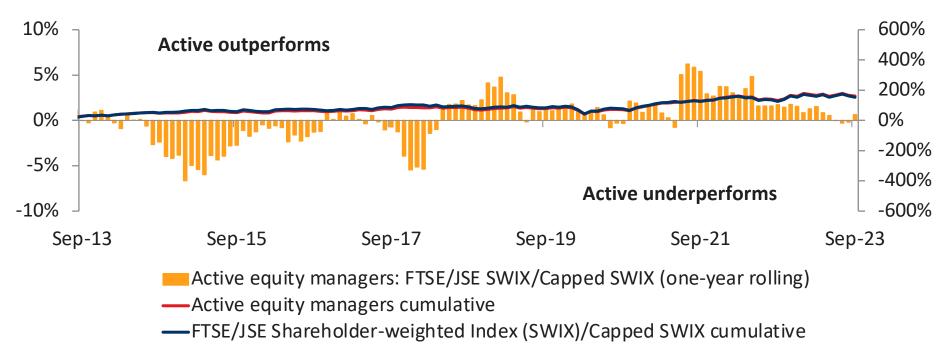
Active index analysis



Active index analysis: Equities

m

One-year rolling active returns to September 2023

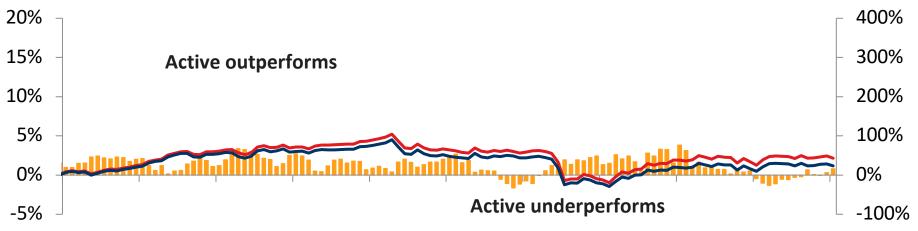


The median of the active equity investment managers outperformed the SWIX/Capped SWIX composite benchmark for a one-year period ending September 2023

Active index analysis: Property

m

One-year rolling active returns to September 2023



Sep-13 Sep-14 Sep-15 Sep-16 Sep-17 Sep-18 Sep-19 Sep-20 Sep-21 Sep-22 Sep-23

- Active property managers (median): FTSE/JSE SAPY (one-year rolling)
- —Active property managers (median) cumulative
- —FTSE/JSE SA Listed Property Index (SAPY) cumulative

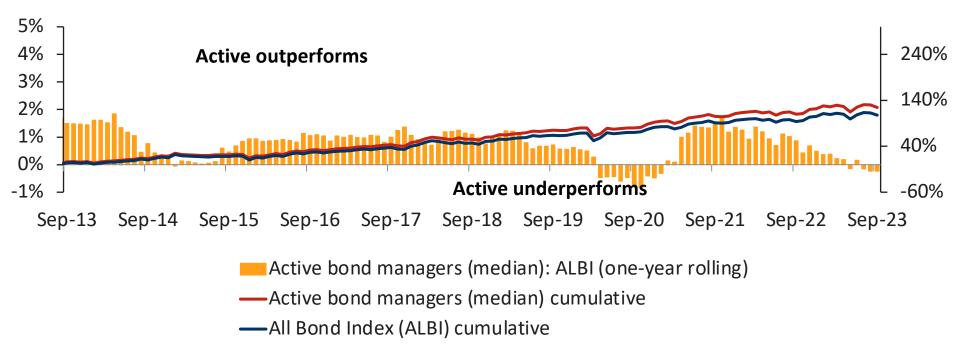
The median return of the active property investment managers have outperformed the SAPY for a one-year period ending September 2023

Sources: Alexander Forbes SA Property Manager Watch™, IRESS and Momentum Investments Data lagged by one month.

Active index analysis: Bonds

m

One-year rolling active returns to September 2023

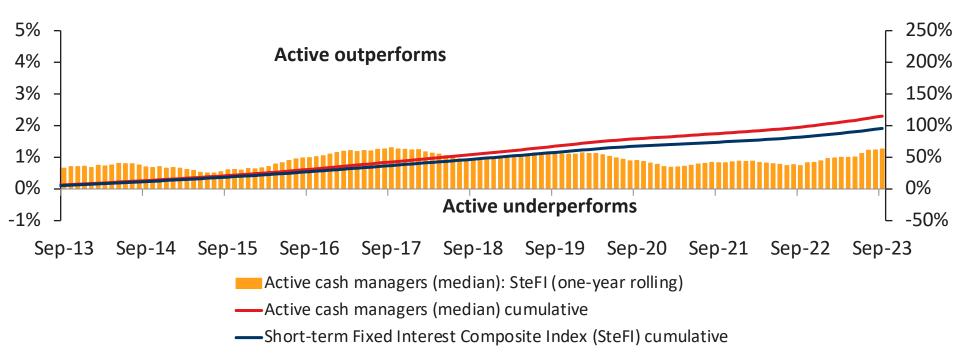


The median of the active bond investment managers underperformed the ALBI for the one-year period ending September 2023

Active index analysis: Cash

m

One-year rolling active returns to September 2023



The median of the active money market investment managers outperformed the SteFI for the one-year period ending September 2023

Sources: Alexander Forbes SA Money Market Manager Watch™, IRESS and Momentum Investments Data lagged by one month.

Style analysis

03

Style returns heat map for South Africa to October 2023



In the last year, value outperformed quality and momentum

ZAR	Styles	One month to October 2023	Three months to October 2023	One year to October 2023	Three years to October 2023	Five years to October 2023		
Value	Book to Price	0.16	-1.79	-2.96	13.99	1.93	-0.65	-0.46
	Dividend Yield	1.43	0.46	-1.69	3.92	0.17	1.31	2.06
	Earnings Yield	1.05	-0.68	1.78	3.38	-0.13	-0.64	-0.24
	Cash Flow Yield	-2.61	0.51	3.88	8.68	0.93	1.05	1.14
	Sales to Price	-1.65	-0.92	-3.62	2.76	0.06	-0.47	-0.97
Quality	ROE	-0.06	-0.47	4.27	-9.87	-2.36	-0.04	1.20
	ROIC LT	2.23	-3.76	-11.91	-8.92	-4.81	-3.80	-2.36
	Income to Sales	0.15	-0.15	4.41	-3.39	-0.61	-0.25	0.41
	Low market beta	0.98	2.25	4.87	-1.59	-2.09	0.70	-0.82
	Low Debt/Equity	1.20	3.58	8.28	-0.62	0.82	-0.27	-0.84
	EBIT Margin Stability	2.65	3.08	1.73	-5.58	-2.83	-1.63	-0.32
Growth	Earnings Growth	0.92	-2.48	-1.50	-1.32	1.34	1.55	0.71
	Sales Growth	0.65	-3.50	-7.17	-3.79	-0.65	-0.76	0.13
	12M Earning Growth	-1.37	-3.10	-1.24	-3.82	4.29	0.89	3.39
Momentum	FY1 Earnings Revisions	-1.18	-6.28	-0.89	-2.35	0.91	3.24	6.46
	Short Term Momentum	-0.44	-0.40	-3.17	-8.62	-4.50	-1.31	-1.16
	Medium Term Momentum	2.49	3.45	3.95	-4.61	5.34	3.64	4.73
Size	Size	1.06	-1.97	4.13	-4.74	1.38	0.92	0.88

Source: FactSet, Momentum Global Investment Management and Momentum Investments

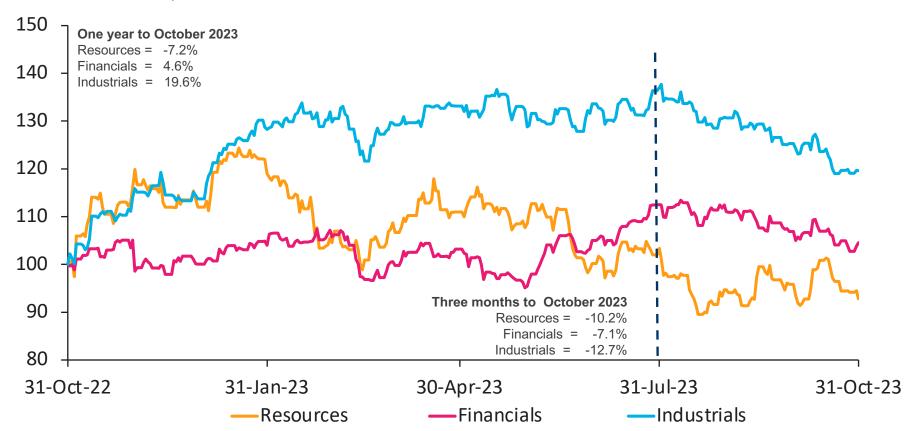
Sector analysis



FTSE/JSE sectors

\mathbf{m}

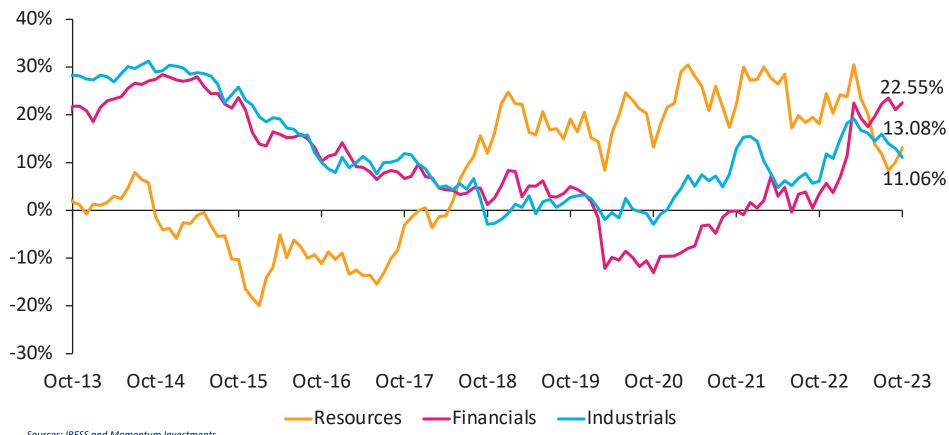
Cumulative one year to October 2023





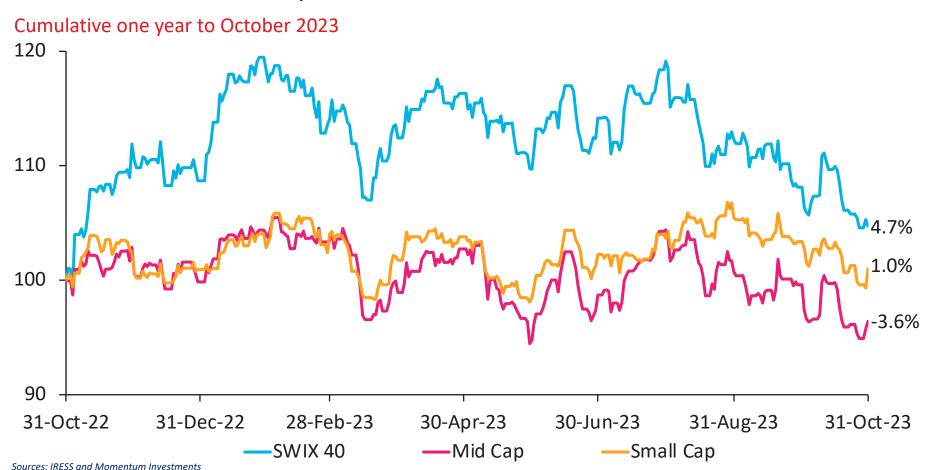


Ten-year rolling 12 months to October 2023



FTSE/JSE market caps



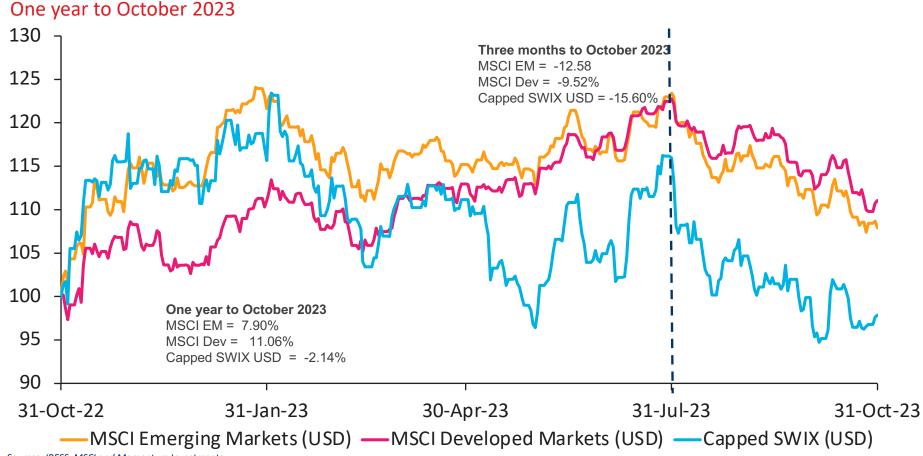


Index return charts

05

MSCI developed and emerging markets



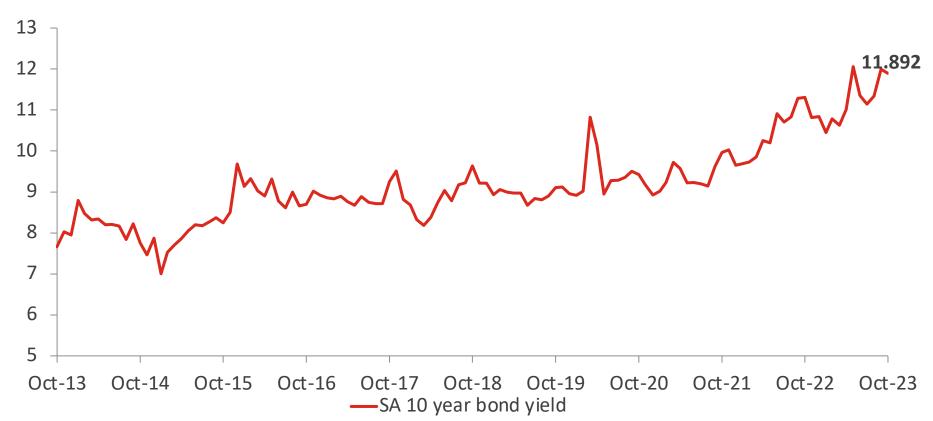


Sources: IRESS, MSCI and Momentum Investments

SA 10-year bond yields

m

Ten years to October 2023



Yield of R197 (inflation-linked bond)



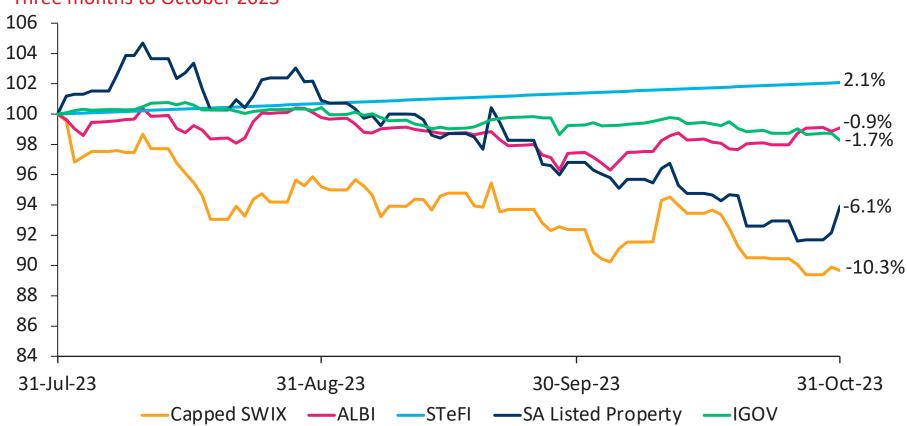
Ten years to October 2023



Local asset classes



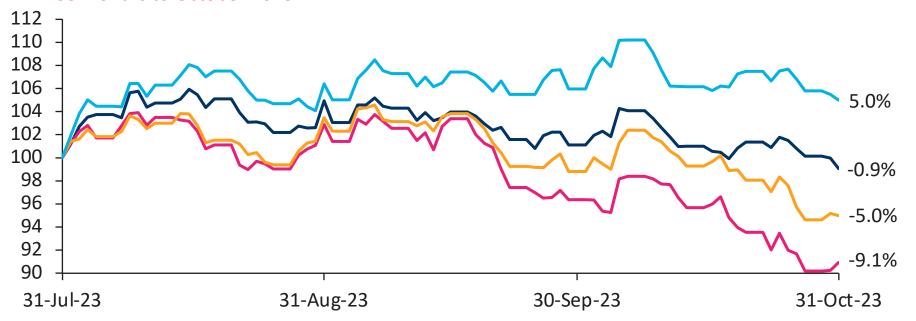




Global asset classes

m

Three months to October 2023



—Citigroup World Government Bond Index

—MSCI All Countries Gross Equity index

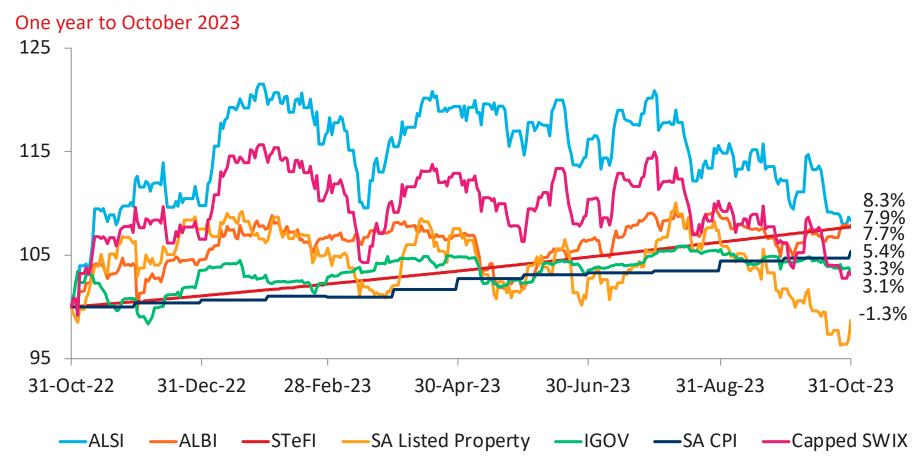
—FTSE EPRA Nareit Developed Global Real Estate

—USD/ZAR

Sources: IRESS and Momentum Investments

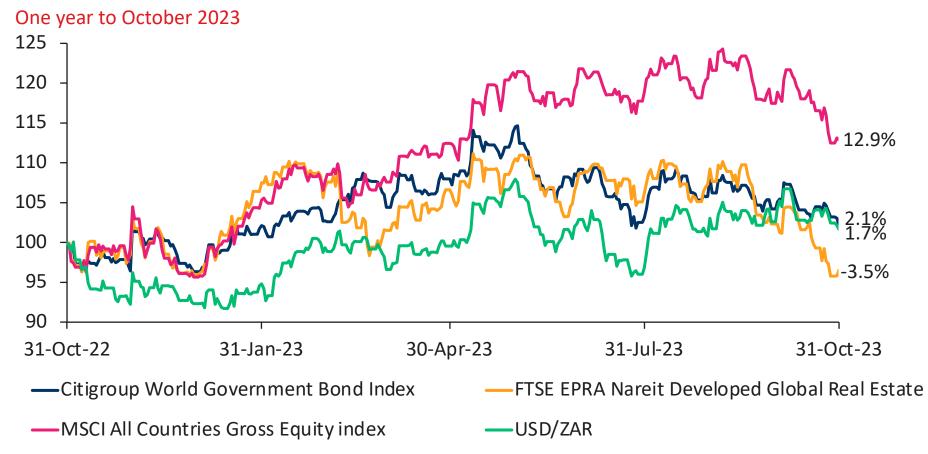
Local asset classes





Global asset classes

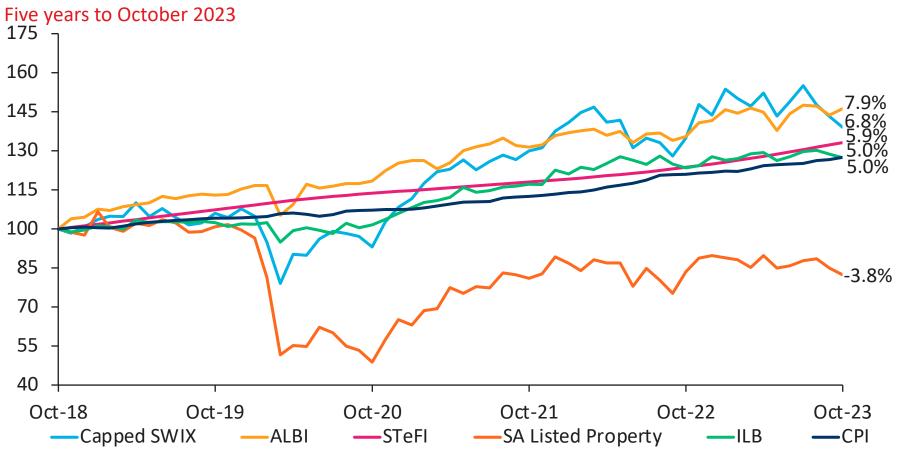




Source: IRESS and Momentum Investments







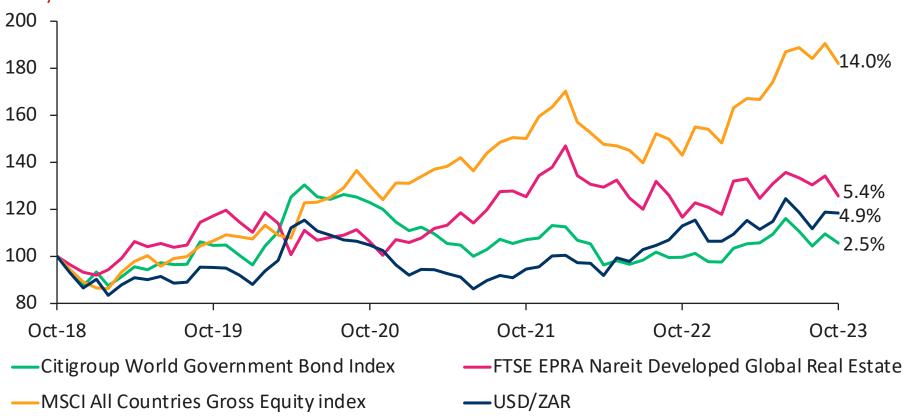
Sources: IRESS and Momentum Investments

^{*}CPI lagged by one month due to availability of data.

Global asset classes



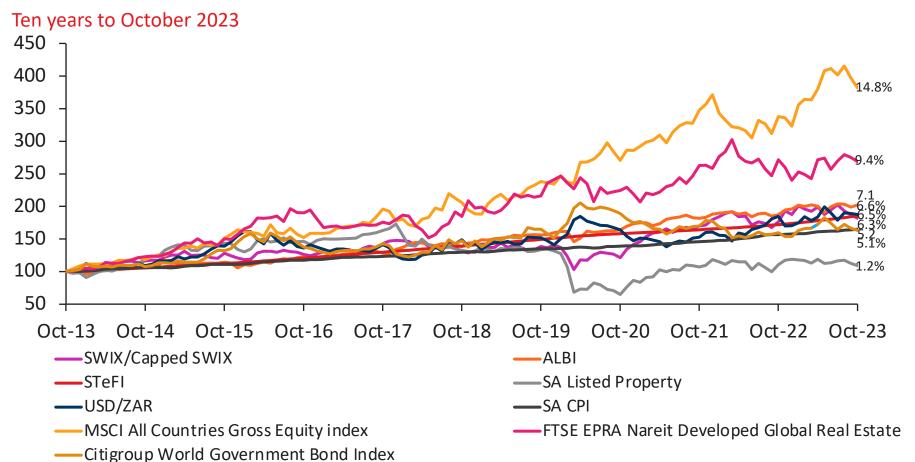




Sources: IRESS and Momentum Investments

Asset classes





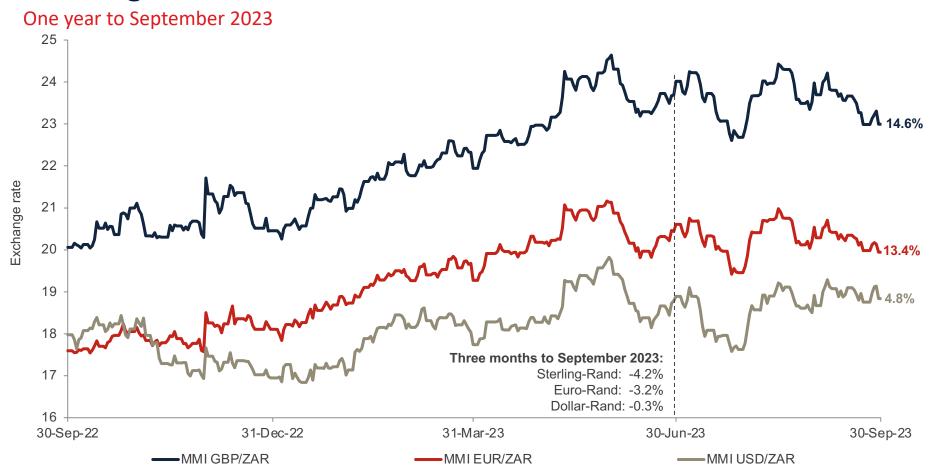
Sources: IRESS and Momentum Investments

*CPI lagged by one month due to availability of data.

Exchange rates

Sources: IRESS and Momentum Investments

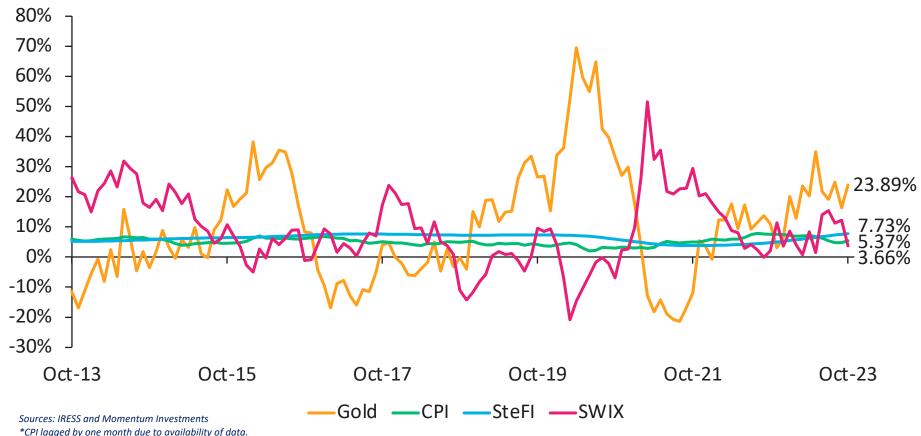




Gold (rands), FTSE/JSE SWIX, CPI, SteFI



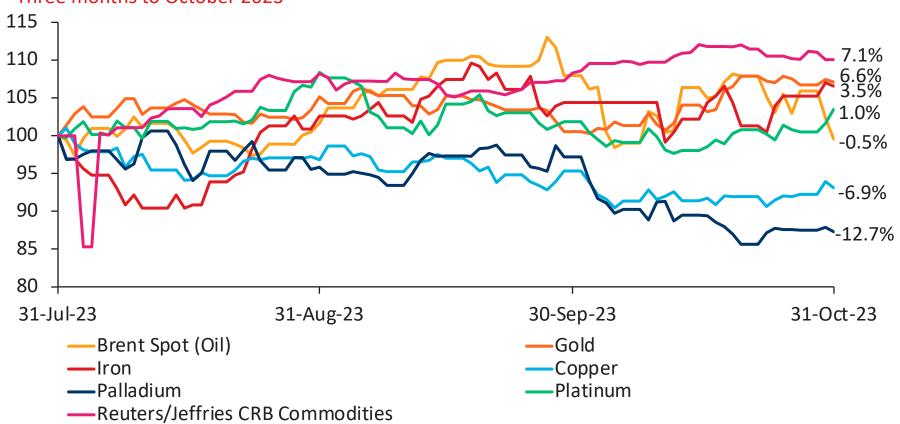




Commodities



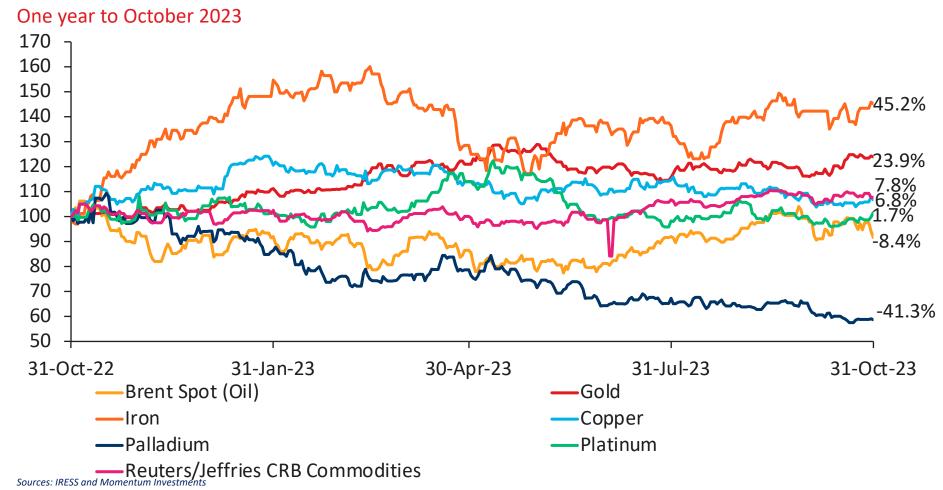




Sources: IRESS and Momentum Investments







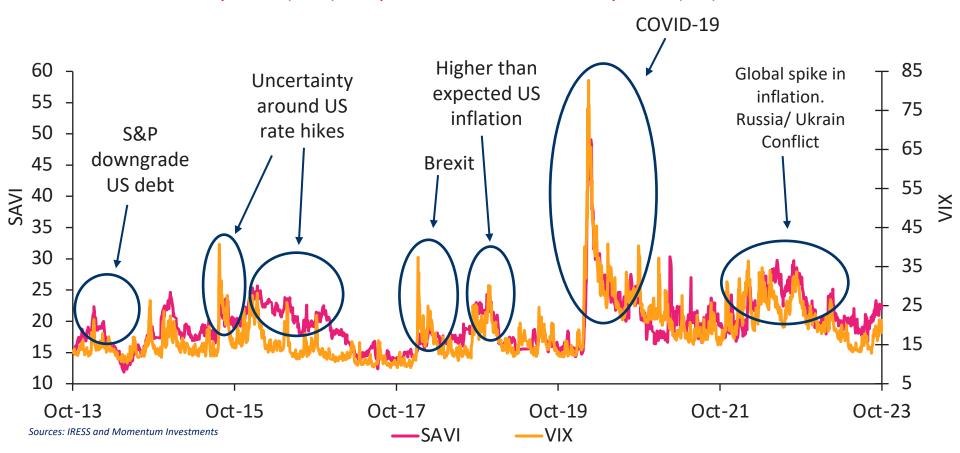
Volatility and international flows



SAVI compared to the VIX

m

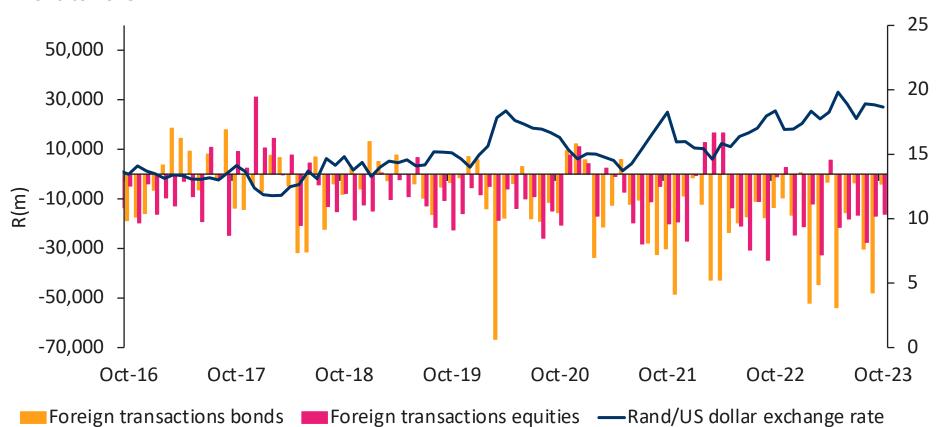
South African Volatility Index (SAVI) compared to the CBOE Volatility Index (VIX) to October 2023







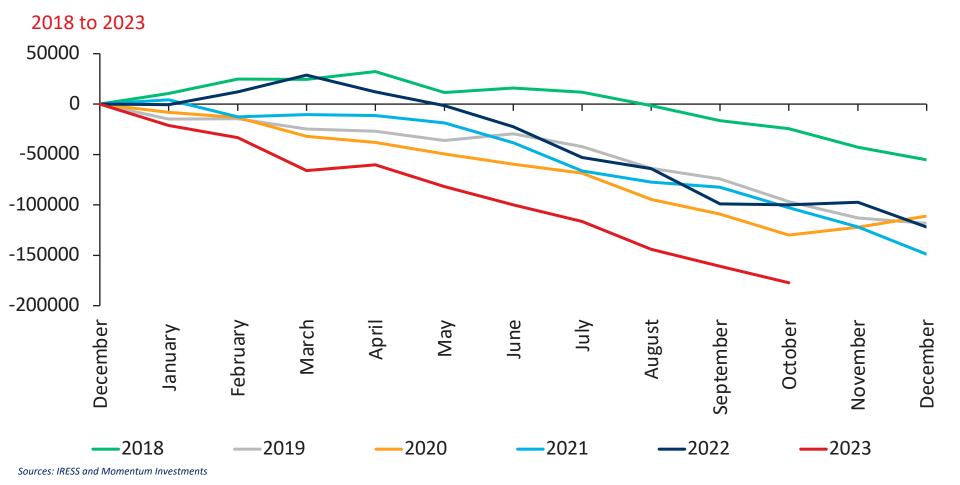
2016 to 2023



Source: IRESS and Momentum Investments

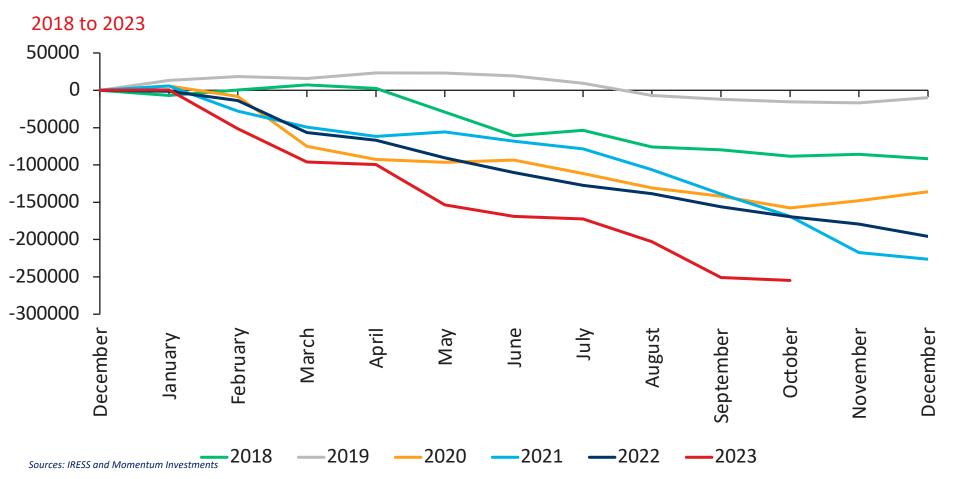














momentum

investments

Thank you



Disclaime

This presentation is applicable to the following Momentum Investments authorised financial services providers in terms of the Financial Advisory and Intermediary Services Act, 2002 (FAIS) and registered entity:

- Momentum Asset Management (Pty) Ltd (FSP 623)
- Momentum Outcome-based Solutions (Pty) Ltd (FSP 19840)
- Momentum Investment Consulting (Pty) Ltd (FSP 32726)
- Momentum Alternative Investments (Pty) Ltd (FSP 34758)
- Momentum Collective Investments (RF) (Pty) Ltd (registration number: 1987/004287/07)

The information used to prepare this document includes information from third-party sources and is for information purposes only. Although reasonable steps have been taken to ensure the validity and accuracy of the information contained herein, Momentum Metropolitan Life Limited does not guarantee the accuracy, content, completeness, legality or reliability of the information contained herein and no warranties and/or representations of any kind, expressed or implied, are given to the nature, standard, accuracy or otherwise of the information provided.

Neither Momentum Metropolitan Life Limited, its affiliates, directors, officers, employees, representatives or agents (the Momentum Parties) have any liability to any persons or entities receiving the information made available herein for any claim, damages, loss or expense, including, without limitation, any direct, indirect, special, incidental, punitive or consequential cost, loss or damages, whether in contract or in delict, arising out of or in connection with information made available herein and you agree to indemnify the Momentum Parties accordingly. For further information, please visit us at momentum.co.za. Momentum Investments is part of Momentum Metropolitan Life Limited, an authorised financial services and registered credit provider, and rated B-BBEE level 1.