

Key market performance drivers

Monthly charts to 31 May 2023



momentum
investments

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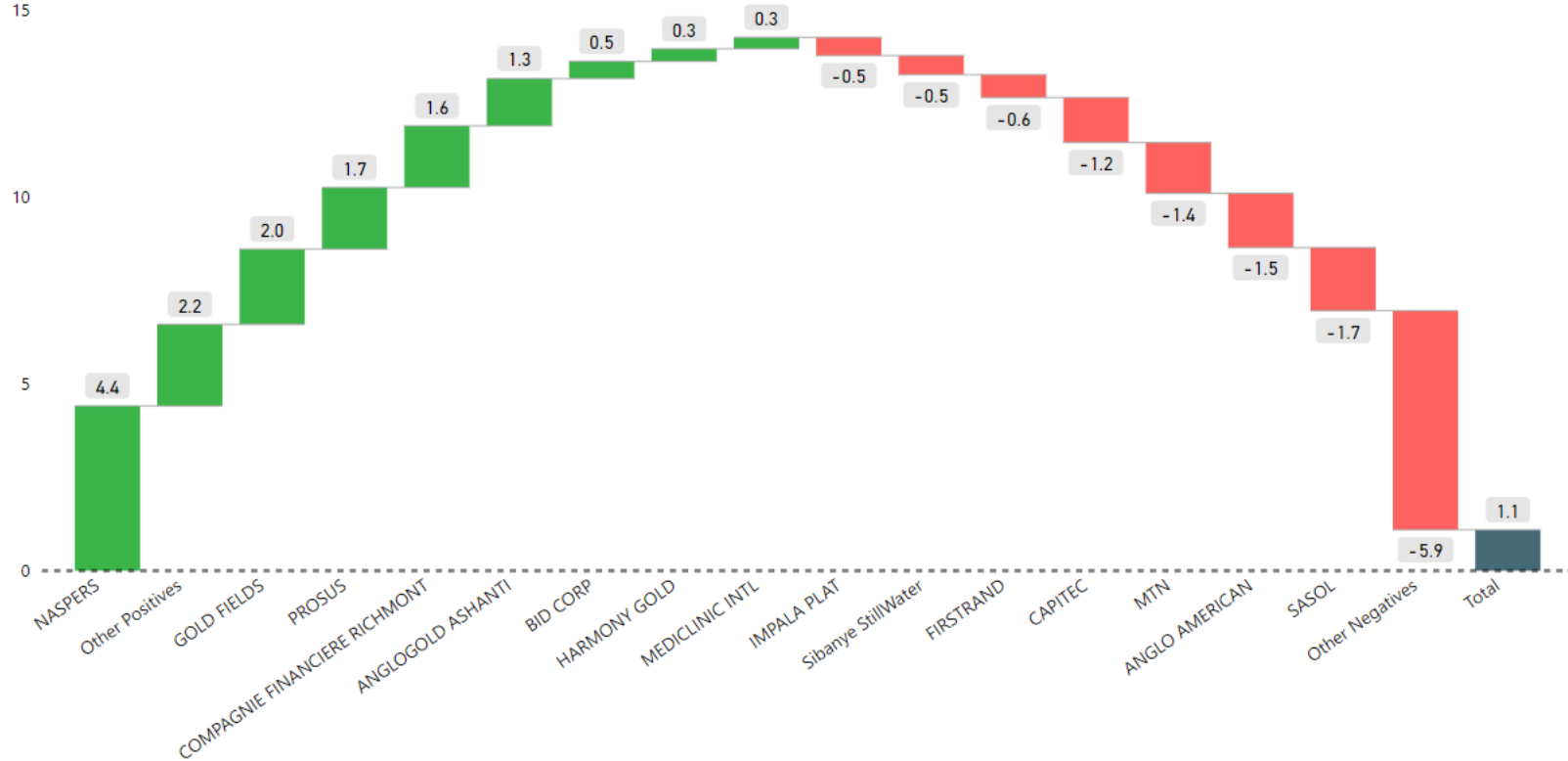
Market
concentration

01

One-year Capped SWIX contributions to May 2023



● Increase ● Decrease ● Total



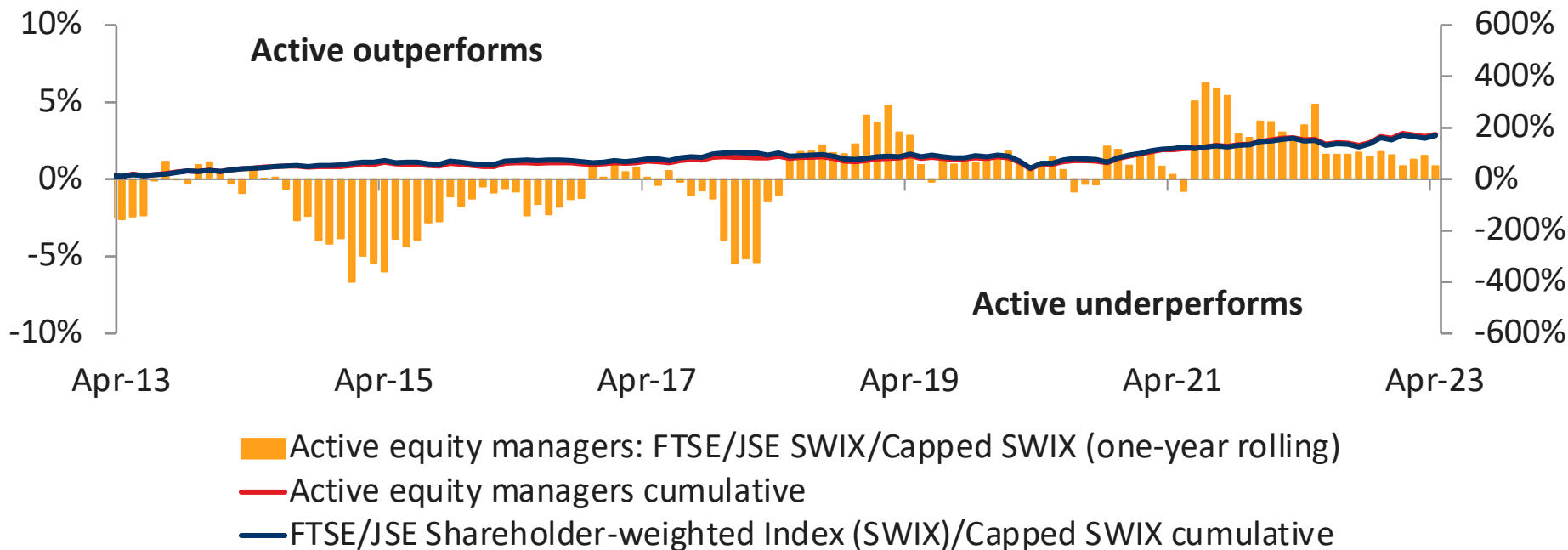
Active index
analysis

02

Active index analysis: Equities



One-year rolling active returns to April 2023



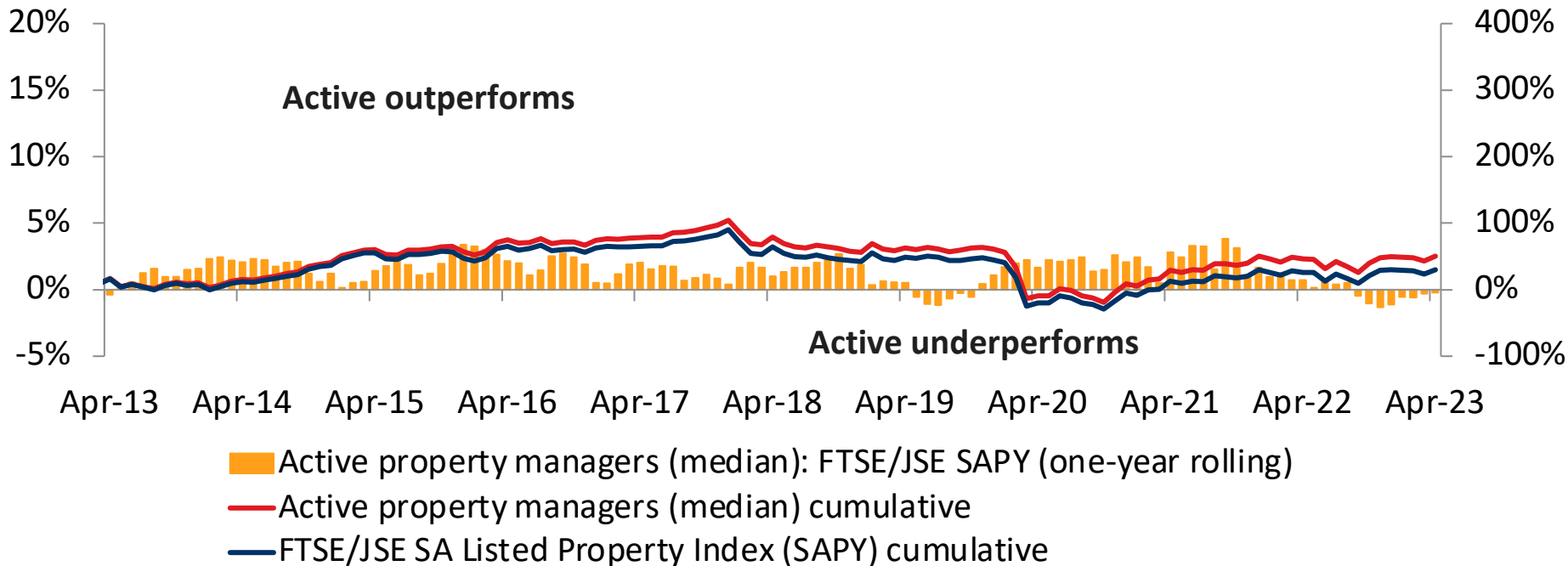
The median of the active equity investment managers outperformed the SWIX/Capped SWIX composite benchmark for a one-year period ending April 2023

Sources: Alexander Forbes SA Equity Manager Watch™, IRESS and Momentum Investments
SWIX until 31 October 2017 and Capped SWIX thereafter. Data lagged by one month.

Active index analysis: Property



One-year rolling active returns to April 2023



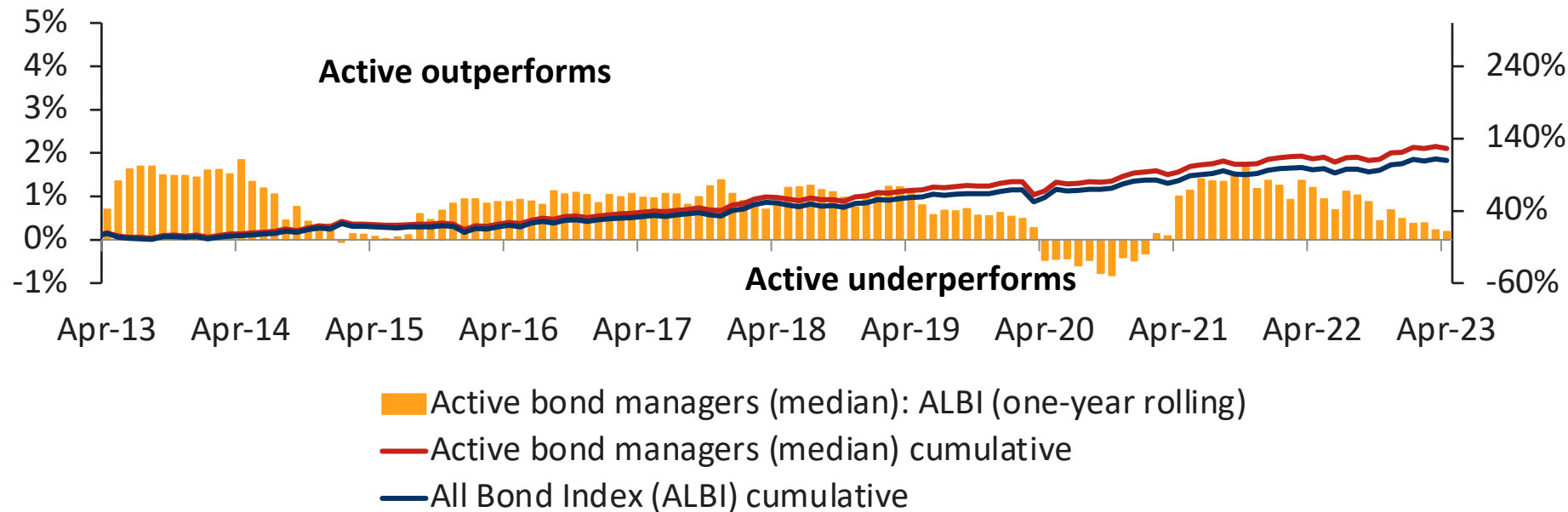
The median return of the active property investment managers underperformed the SAPY for a one-year period ending April 2023

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

Active index analysis: Bonds



One-year rolling active returns to April 2023



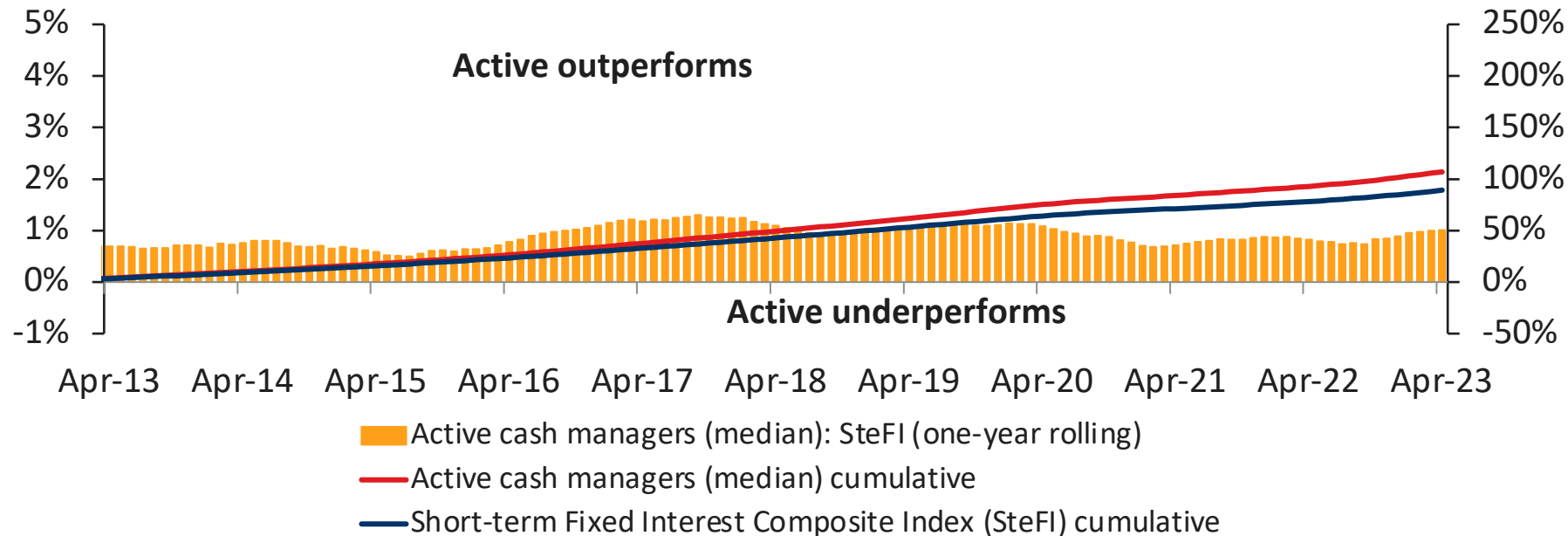
The median of the active bond investment managers outperformed the ALBI for the one-year period ending April 2023

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

Active index analysis: Cash



One-year rolling active returns to April 2023



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



In the last year, value outperformed quality and momentum

ZAR	Styles	One month to May 2023	Three months to May 2023	One year to May 2023	Three years to May 2023	Five years to May 2023	Ten years to May 2023	Twenty years to May 2023
Value	Book to Price	1.53	-1.41	0.11	17.26	2.19	0.54	0.11
	Dividend Yield	-0.07	0.45	2.88	4.92	1.65	0.41	1.45
	Earnings Yield	-1.34	-2.18	1.02	6.62	0.42	1.50	1.33
	Cash Flow Yield	-0.71	-4.37	-4.07	11.57	3.05	3.63	2.94
	Sales to Price	-5.02	-8.94	-11.08	8.99	-0.92	-0.81	-1.01
Quality	ROE	-0.81	-1.89	-5.77	-9.67	-3.96	-1.92	0.37
	ROIC LT	-0.48	-4.37	0.81	-3.02	-6.46	-4.31	-1.68
	Income to Sales	1.02	-0.21	4.58	-3.39	-0.75	0.16	0.56
	Low market beta	1.22	2.29	10.48	-1.07	-3.75	-1.20	-2.16
	Low Debt/Equity	0.62	4.72	7.60	0.29	1.93	-0.11	-0.50
	EBIT Margin Stability	-0.09	-1.45	-6.00	-4.79	-4.33	-1.90	0.33
Growth	Earnings Growth	0.86	-0.28	4.55	-5.18	1.84	3.06	0.48
	Sales Growth	-1.12	2.56	-0.04	-0.31	1.55	-0.53	-1.24
	12M Earning Growth	1.75	5.45	-0.71	-0.04	6.14	1.52	3.02
Momentum	FY1 Earnings Revisions	2.90	3.75	-0.71	-1.38	6.95	6.88	8.39
	Short Term Momentum	2.65	2.69	-1.75	-8.36	-1.22	2.70	0.85
	Medium Term Momentum	2.06	3.55	1.68	-3.81	5.93	3.76	6.23
Size	Size	0.25	6.36	4.84	-3.46	3.51	1.13	0.75

Source: FactSet, Momentum Global Investment Management and Momentum Investments

Sector
analysis

04

FTSE/JSE sectors decomposed

Three months to May 2023

Key

FTSE/JSE Resources

FTSE/JSE Financials

FTSE/JSE Industrials



1 Precious Metals and Mining	Basic Materials	29.84%	17 Tobacco	Consumer Staples	-8.34%
2 Pharmaceuticals and Biotechnology	Health Care	19.38%	18 Life Insurance	Financials	-8.98%
3 Personal Goods	Consumer Discretionary	12.39%	19 Non-life Insurance	Financials	-9.19%
4 Real Estate Investment and Services	Real Estate	6.76%	20 Industrial Support Services	Industrials	-9.32%
5 Travel and Leisure	Consumer Discretionary	4.41%	21 Industrial Materials	Basic Materials	-10.70%
6 General Industrials	Industrials	-1.13%	22 Chemicals	Basic Materials	-11.27%
7 Industrial Transportation	Industrials	-1.49%	23 Closed End Investments	Financials	-11.35%
8 Investment Banking and Brokerage	Financials	-2.99%	24 Banks	Financials	-12.65%
9 Beverages	Consumer Staples	-3.93%	25 Construction and Materials	Industrials	-12.67%
10 Health Care Providers	Health Care	-5.31%	26 Oil	Energy	-15.28%
11 Electronic and Electrical Equipment	Industrials	-5.73%	27 Telecommunications Service Providers	Telecommunications	-15.75%
12 Software and Computer Services	Technology	-6.64%	28 Retailers	Consumer Discretionary	-19.22%
13 Consumer Services	Consumer Discretionary	-6.83%	29 Alternative Energy	Energy	-19.44%
14 Personal Care	Consumer Staples	-7.35%	30 Automobiles and Parts	Consumer Discretionary	-21.25%
15 Real Estate Investment Trusts	Real Estate	-7.55%	31 Food Producers	Consumer Staples	-23.19%
16 Industrial Metals and Mining	Basic Materials	-8.32%	32 Finance and Credit Services	Financials	-77.92%

FTSE/JSE sectors decomposed

One year to May 2023

Key

FTSE/JSE Resources

FTSE/JSE Financials

FTSE/JSE Industrials

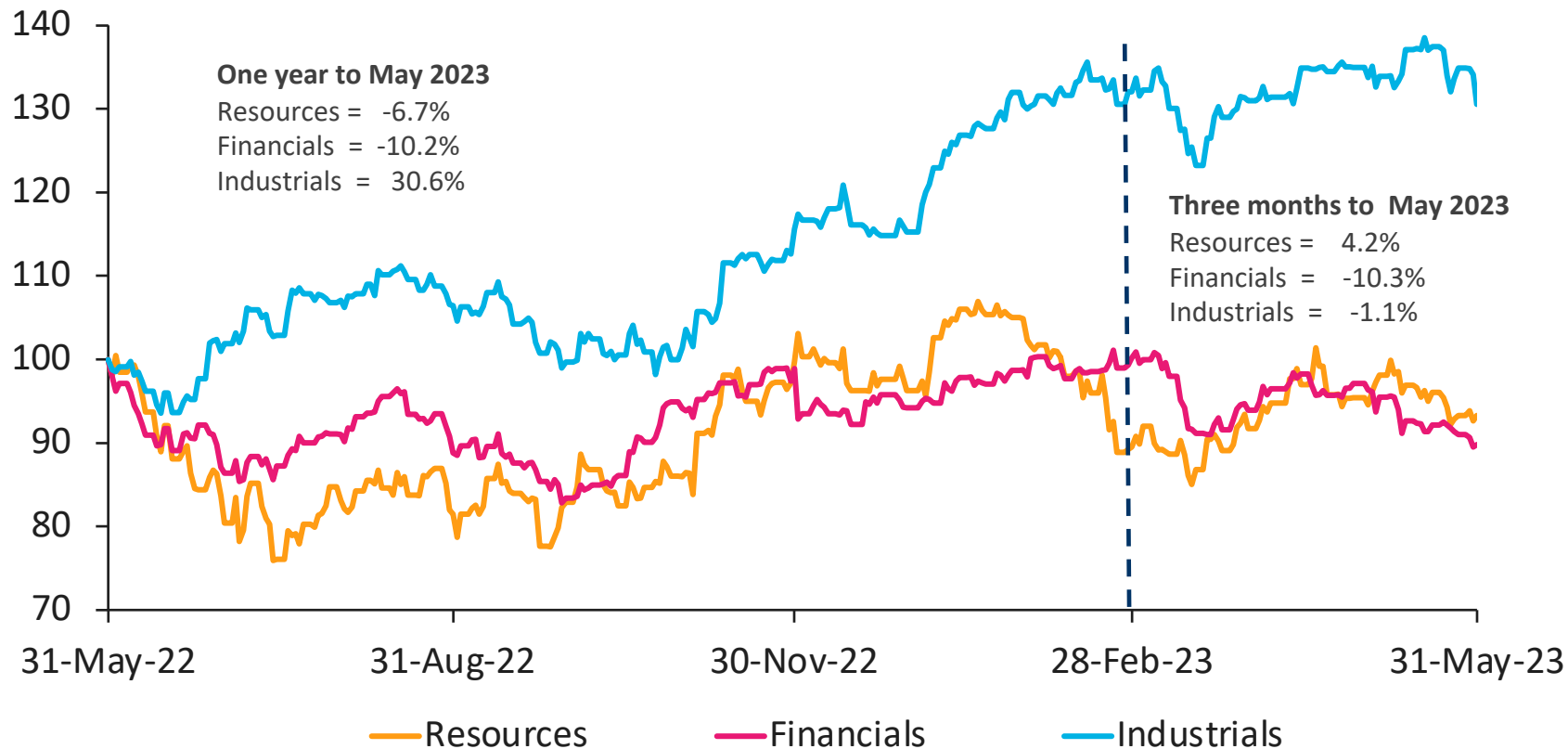


1 Personal Goods	Consumer Discretionary	84.88%	17 Closed End Investments	Financials	-5.30%
2 Software and Computer Services	Technology	68.34%	18 Non-life Insurance	Financials	-6.42%
3 Electronic and Electrical Equipment	Industrials	45.32%	19 Real Estate Investment Trusts	Real Estate	-9.33%
4 Industrial Transportation	Industrials	18.48%	20 Industrial Metals and Mining	Basic Materials	-9.85%
5 Real Estate Investment and Services	Real Estate	17.42%	21 Life Insurance	Financials	-11.57%
6 Beverages	Consumer Staples	16.48%	22 Banks	Financials	-13.26%
7 Health Care Providers	Health Care	15.94%	23 Consumer Services	Consumer Discretionary	-15.05%
8 Precious Metals and Mining	Basic Materials	13.59%	24 Oil	Energy	-16.91%
9 Travel and Leisure	Consumer Discretionary	11.30%	25 Industrial Materials	Basic Materials	-19.09%
10 Pharmaceuticals and Biotechnology	Health Care	7.95%	26 Retailers	Consumer Discretionary	-21.35%
11 General Industrials	Industrials	5.09%	Telecommunications Service		
12 Food Producers	Consumer Staples	2.56%	27 Providers	Telecommunications	-24.82%
13 Industrial Support Services	Industrials	2.35%	28 Alternative Energy	Energy	-27.71%
14 Investment Banking and Brokerage	Financials	1.91%	29 Construction and Materials	Industrials	-27.72%
15 Tobacco	Consumer Staples	-2.19%	30 Automobiles and Parts	Consumer Discretionary	-31.50%
16 Personal Care	Consumer Staples	-3.30%	31 Chemicals	Basic Materials	-38.08%
			32 Finance and Credit Services	Financials	-83.84%

FTSE/JSE sectors



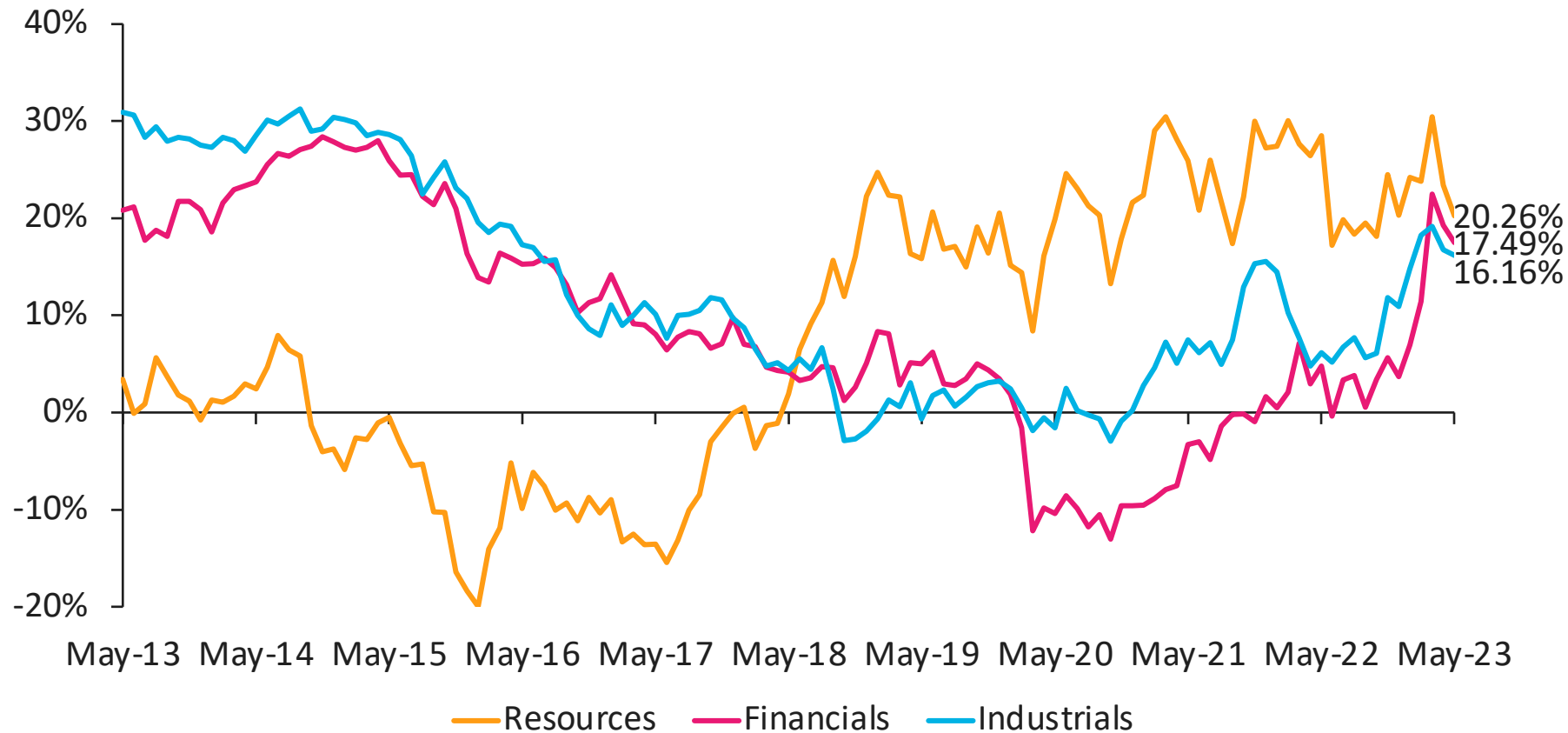
Cumulative one year to May 2023



FTSE/JSE sectors



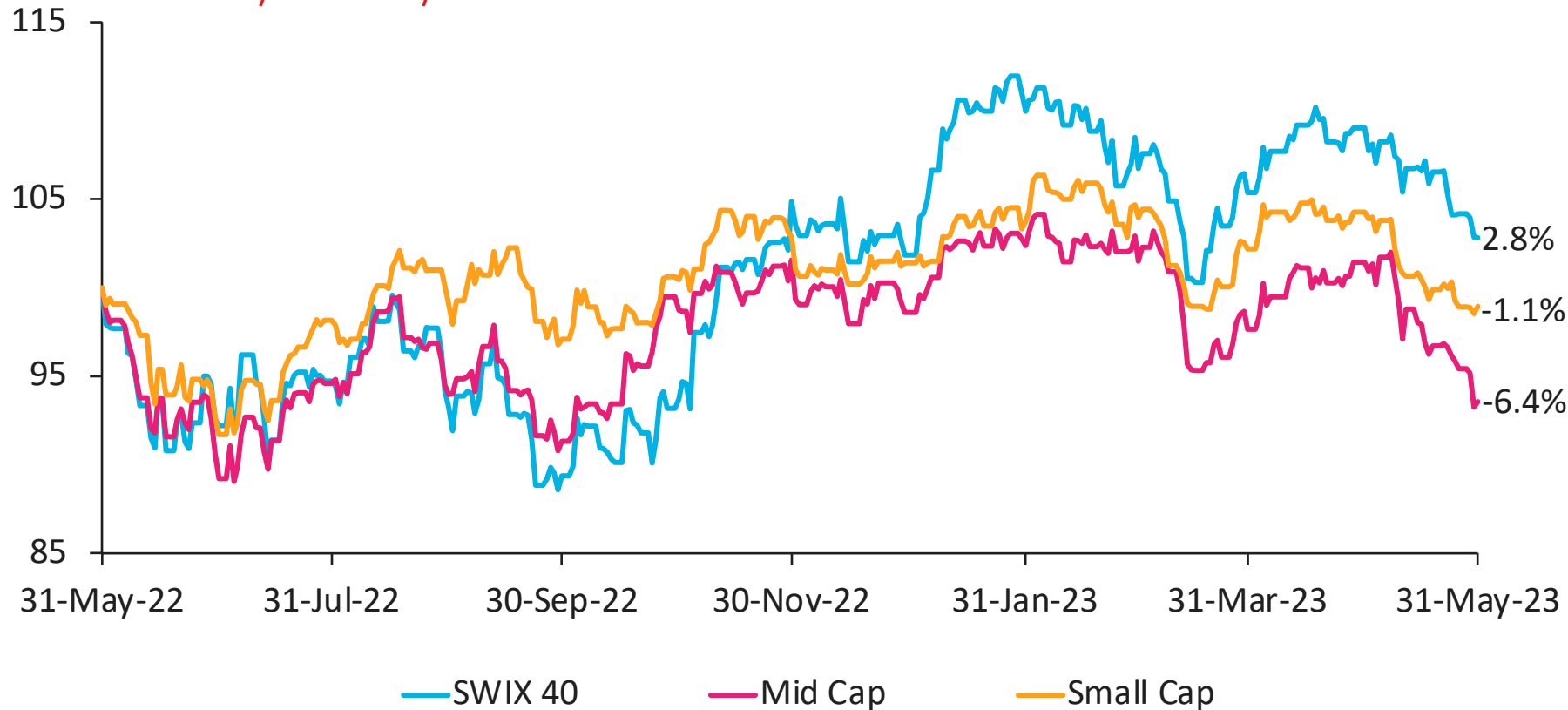
Ten-year rolling 12 months to May 2023



FTSE/JSE market caps



Cumulative one year to May 2023



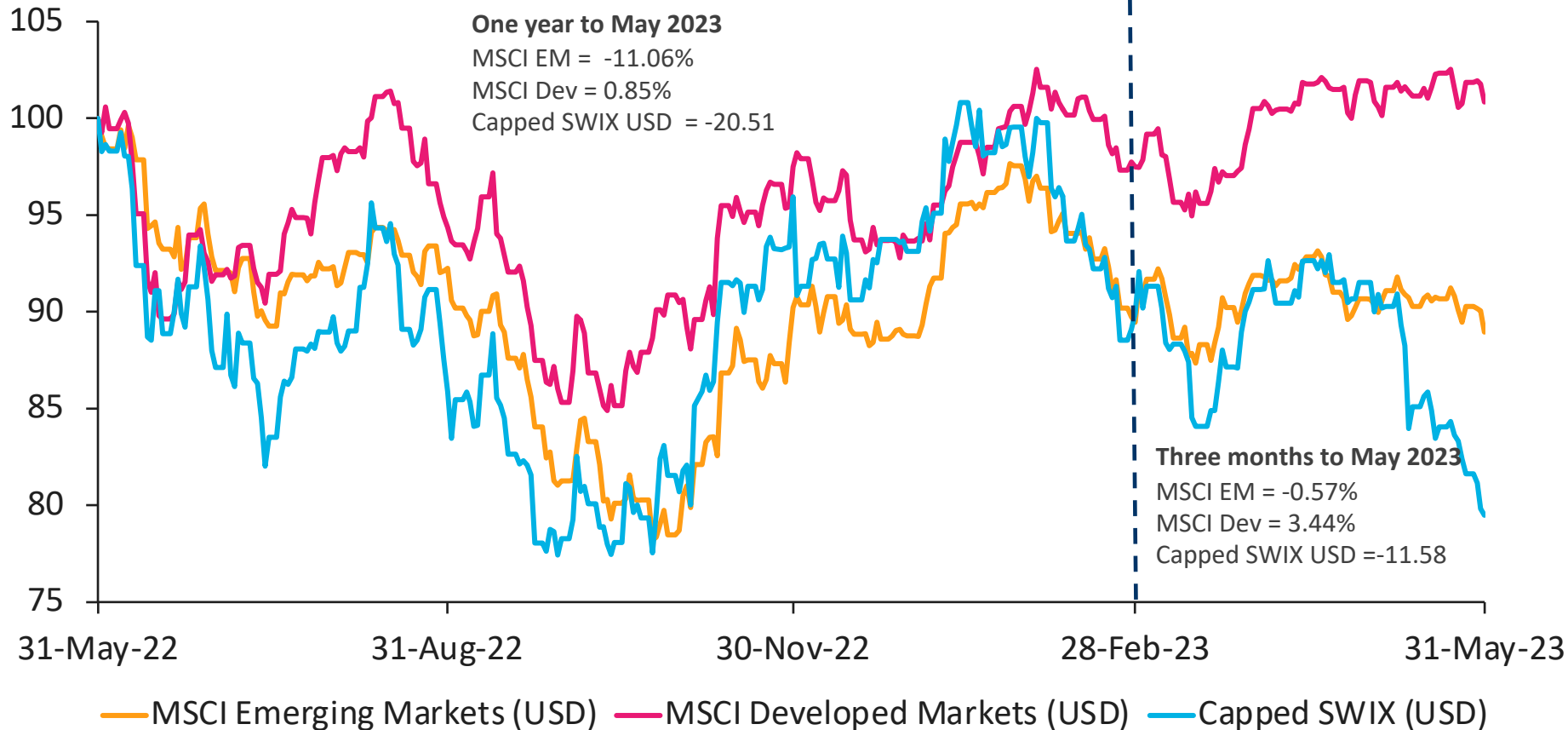
Index return
charts

05

MSCI developed and emerging markets



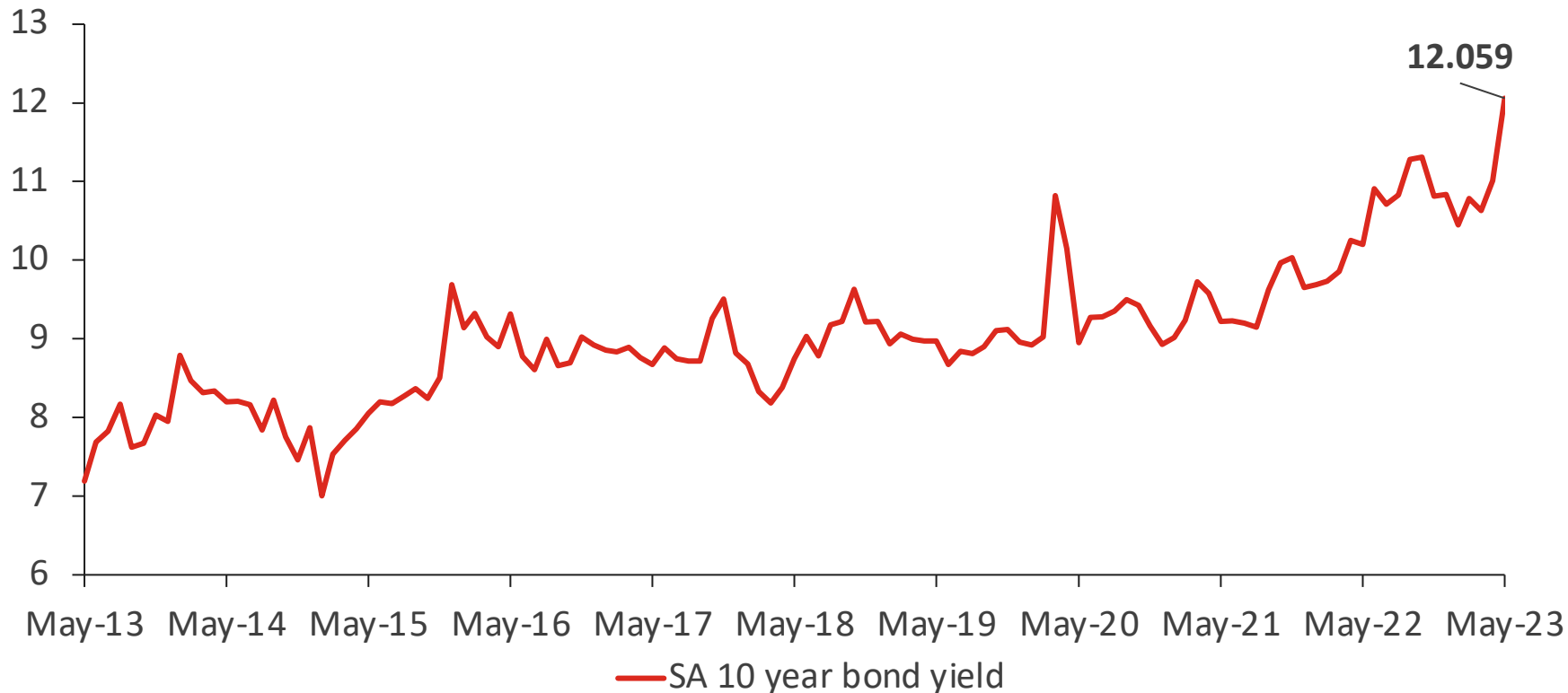
One year to May 2023



SA 10-year bond yields



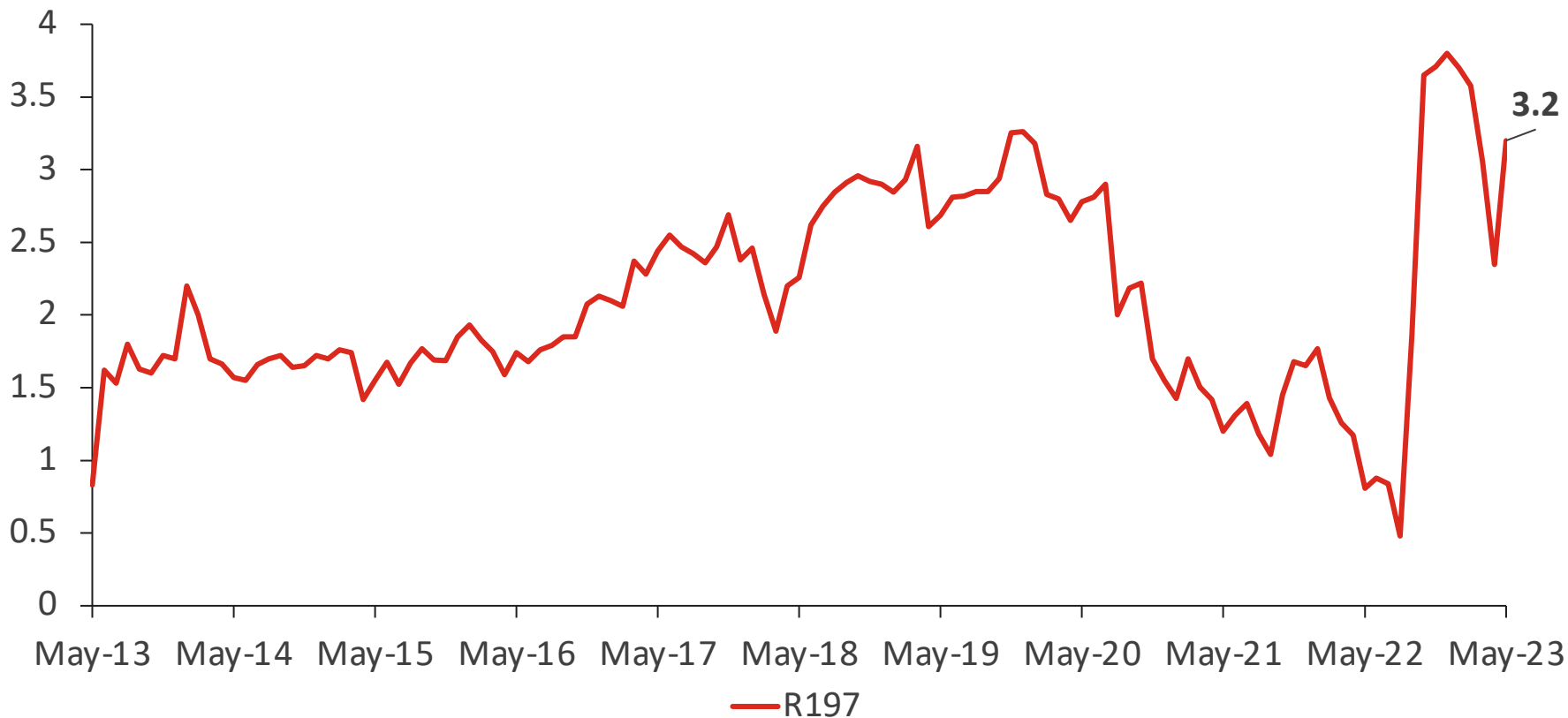
Ten years to May 2023



Yield of R197 (inflation-linked bond)



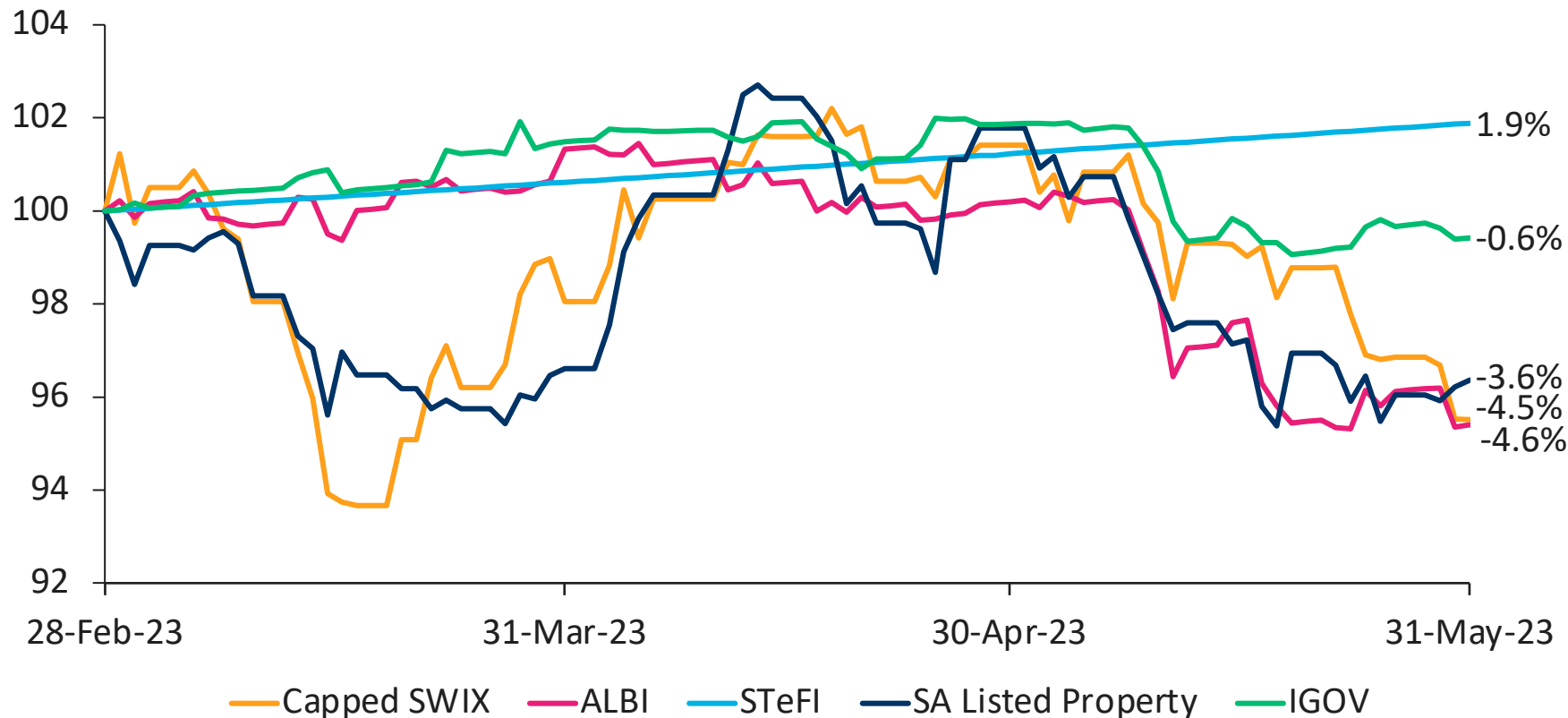
Ten years to May 2023



Local asset classes



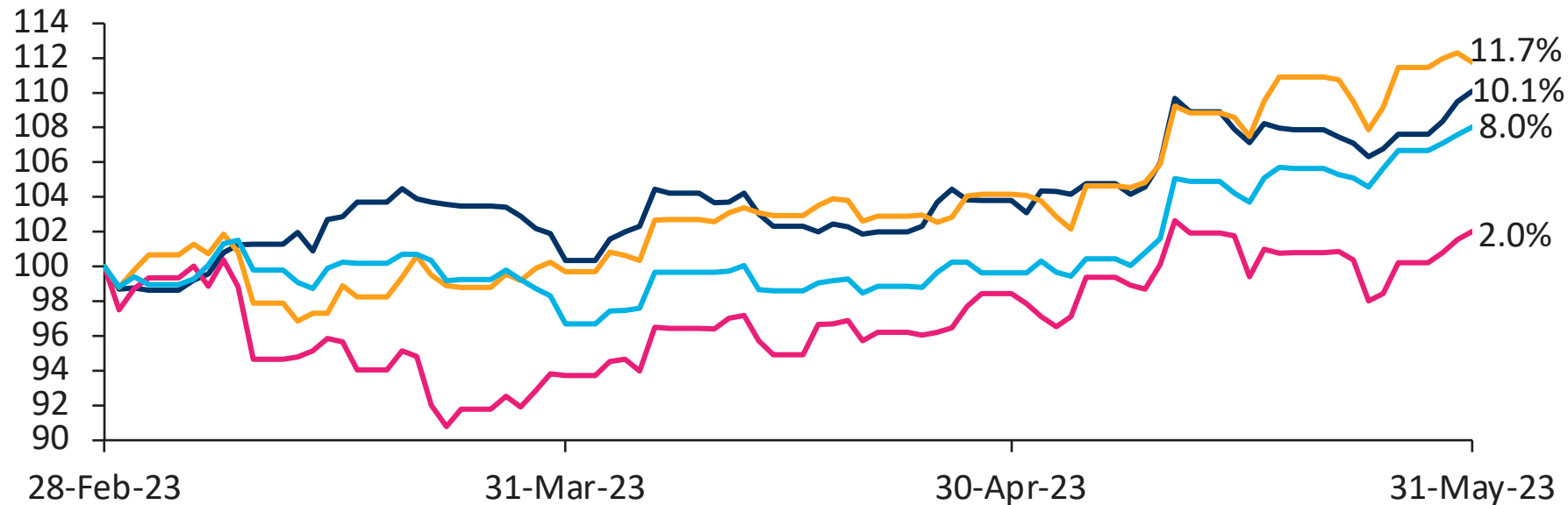
Three months to May 2023



Global asset classes



Three months to May 2023



— Citigroup World Government Bond Index

— FTSE EPRA Nareit Developed Global Real Estate

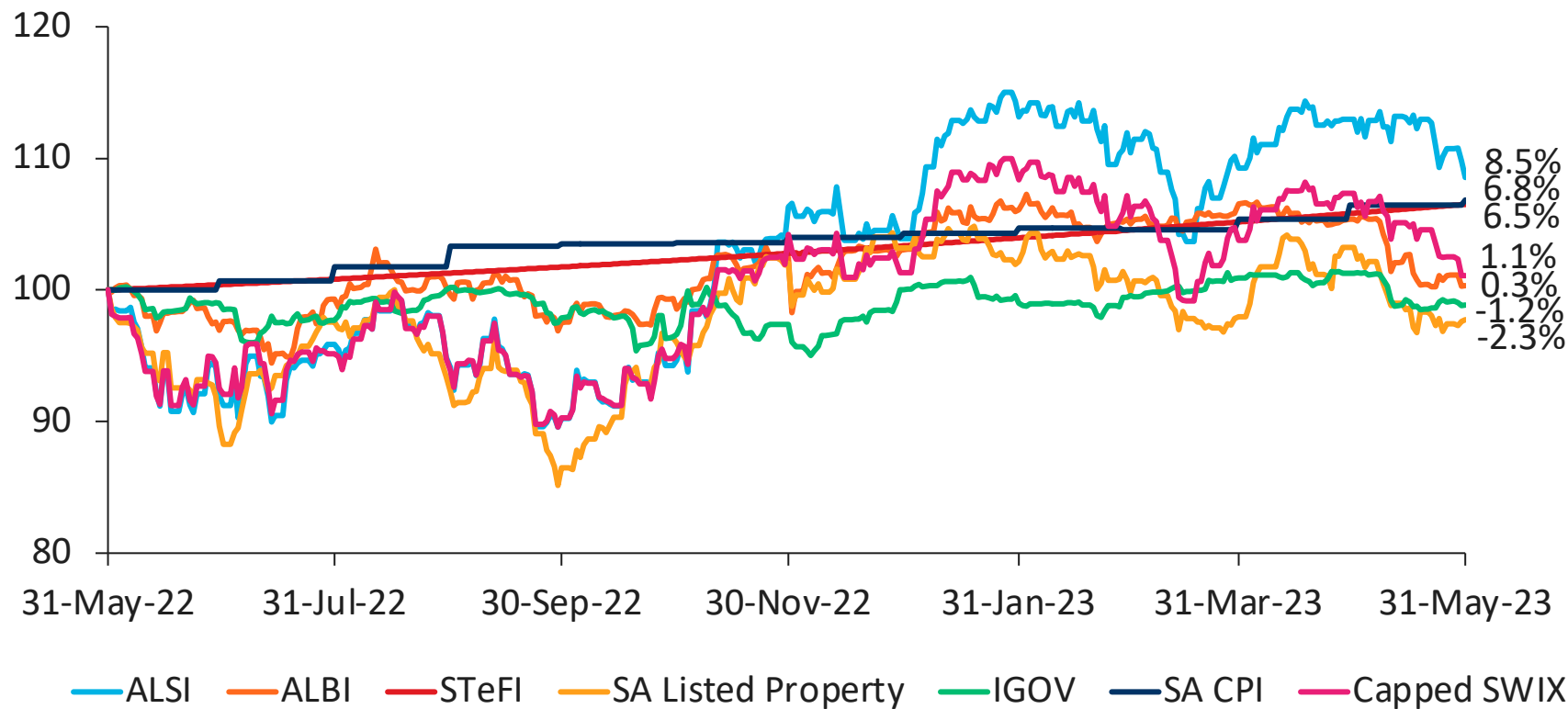
— MSCI All Countries Gross Equity index

— USD/ZAR

Local asset classes



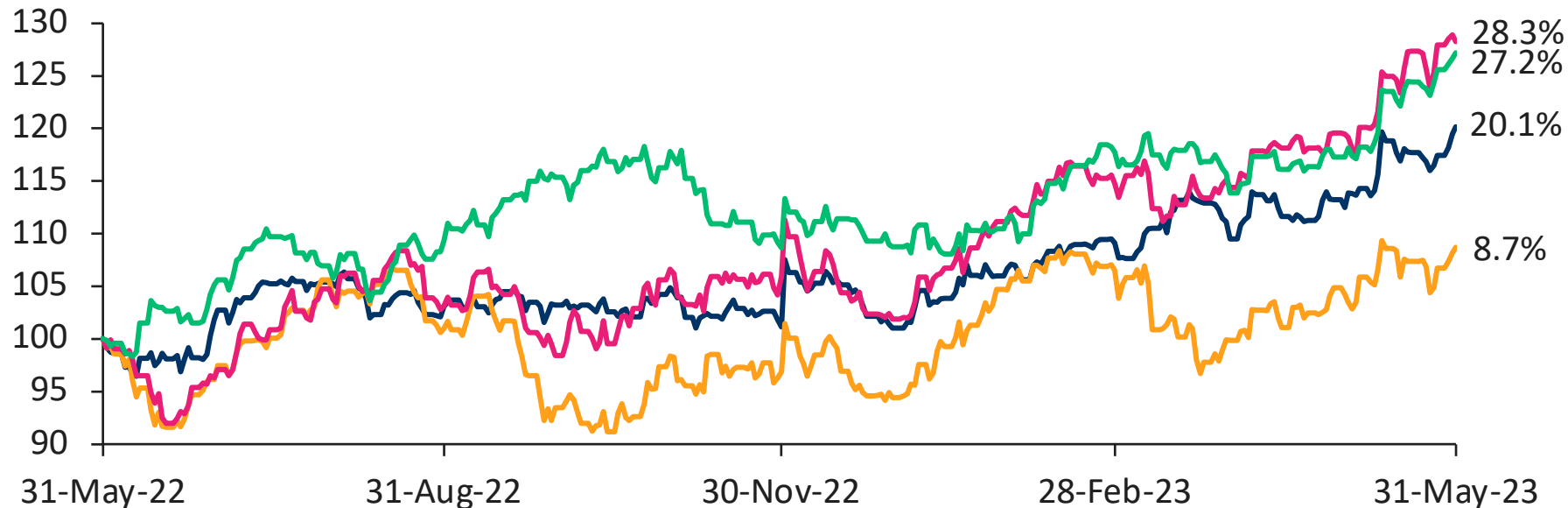
One year to May 2023



Global asset classes



One year to May 2023



— Citigroup World Government Bond Index

— FTSE EPRA Nareit Developed Global Real Estate

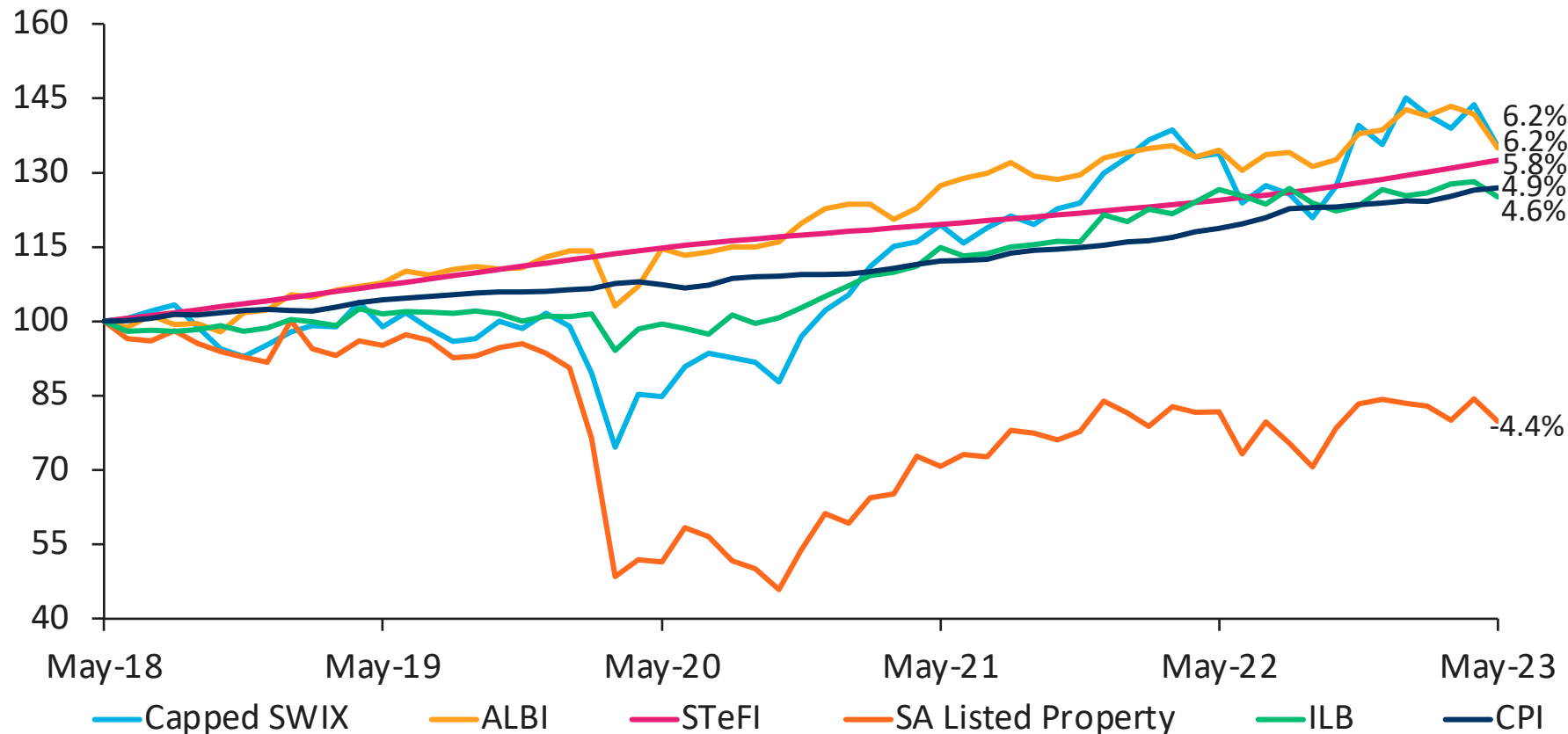
— MSCI All Countries Gross Equity index

— USD/ZAR

Local asset classes



Five years to May 2023



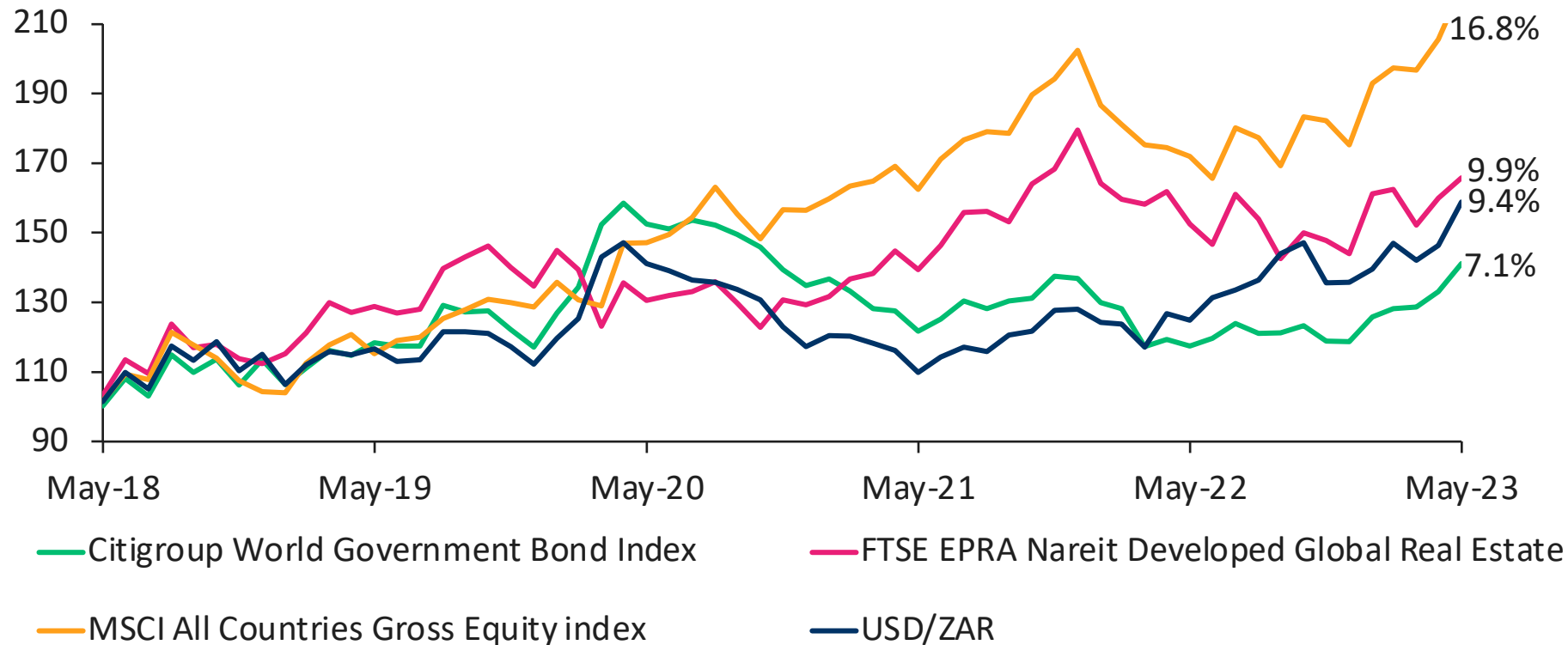
Sources: IRESS and Momentum Investments

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

Global asset classes



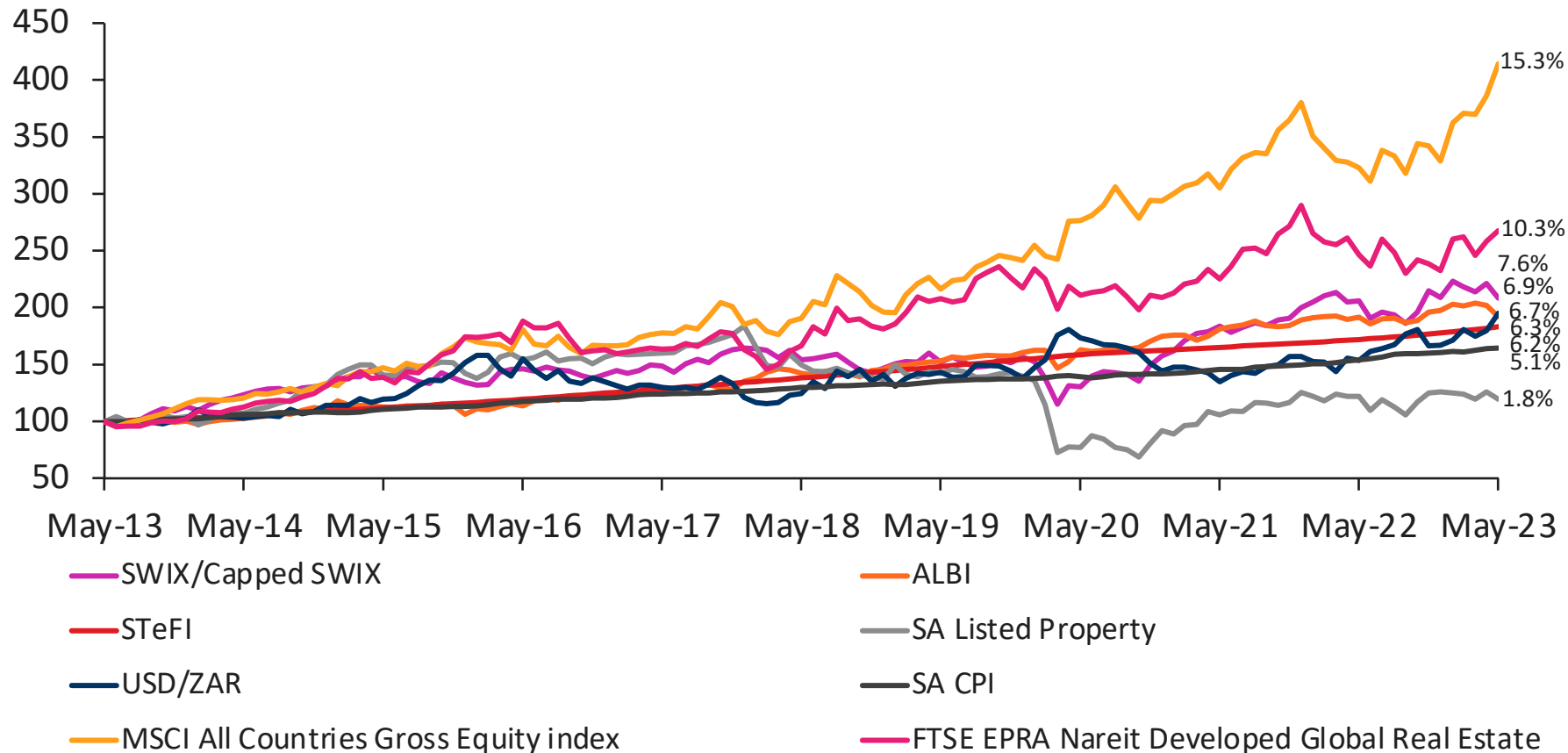
Five years to May 2023



Asset classes



Ten years to May 2023



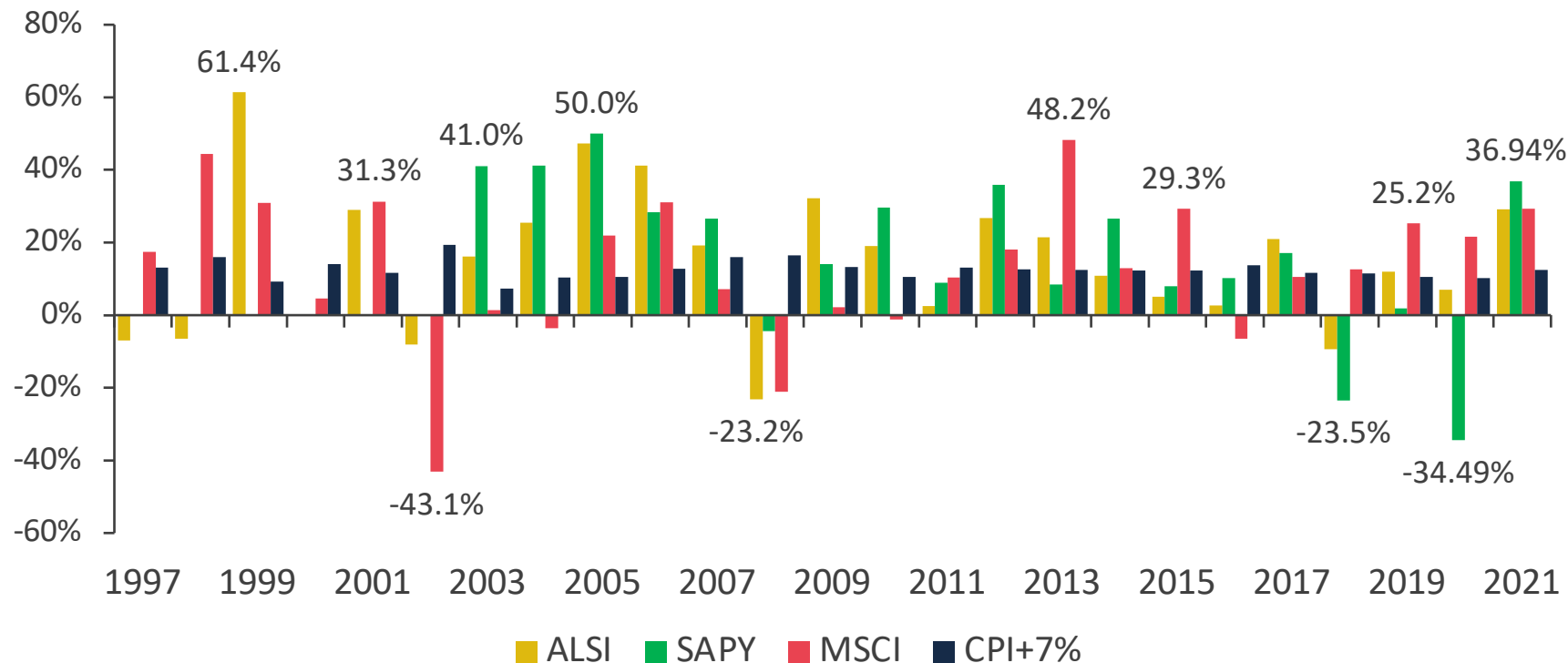
Sources: IRESS and Momentum Investments

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

Annual asset class returns

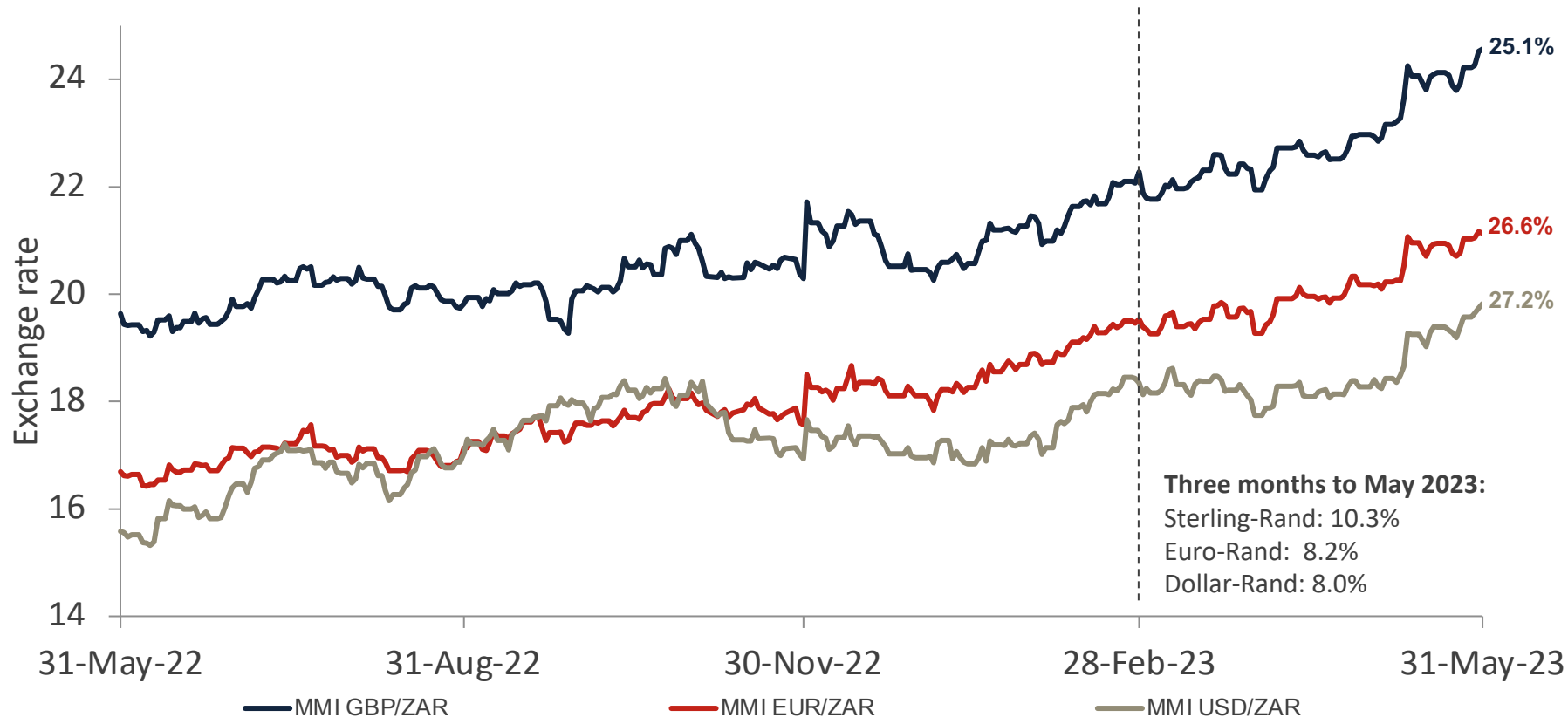


Ten-year annual returns to December 2021



Exchange rates

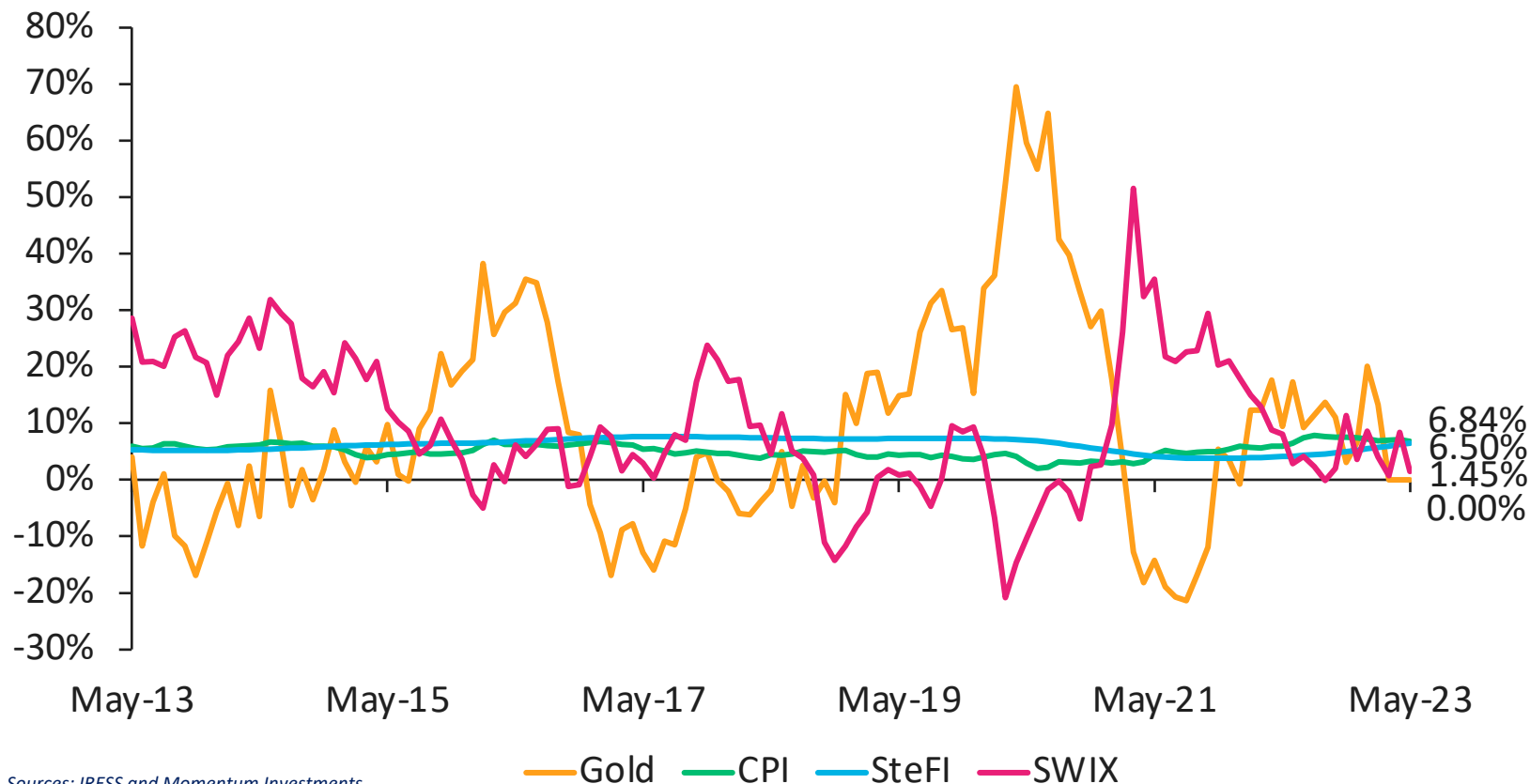
One year to May 2023



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



Ten-year rolling returns to May 2023



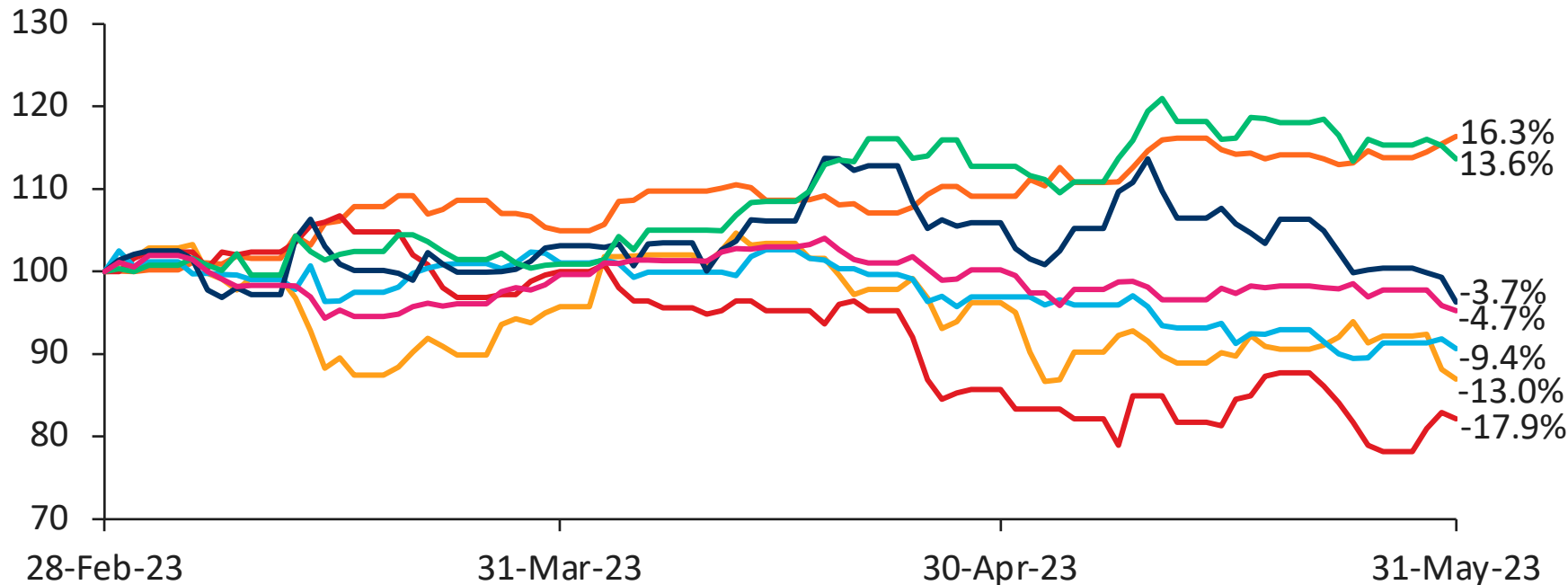
Sources: IRESS and Momentum Investments

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

Commodities



Three months to May 2023

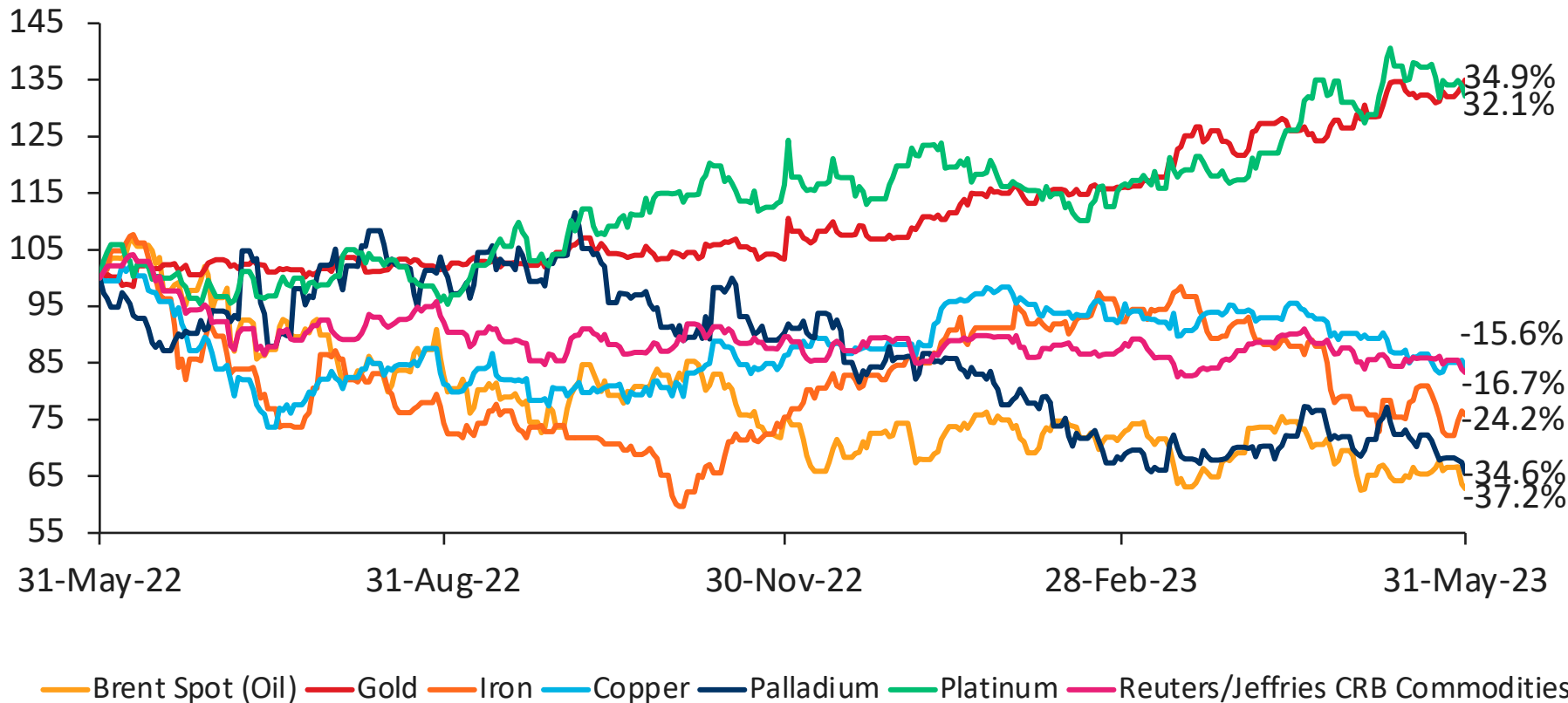


— Brent Spot (Oil) — Gold — Iron — Copper — Palladium — Platinum — Reuters/Jeffries CRB Commodities

Commodities



One year to May 2023



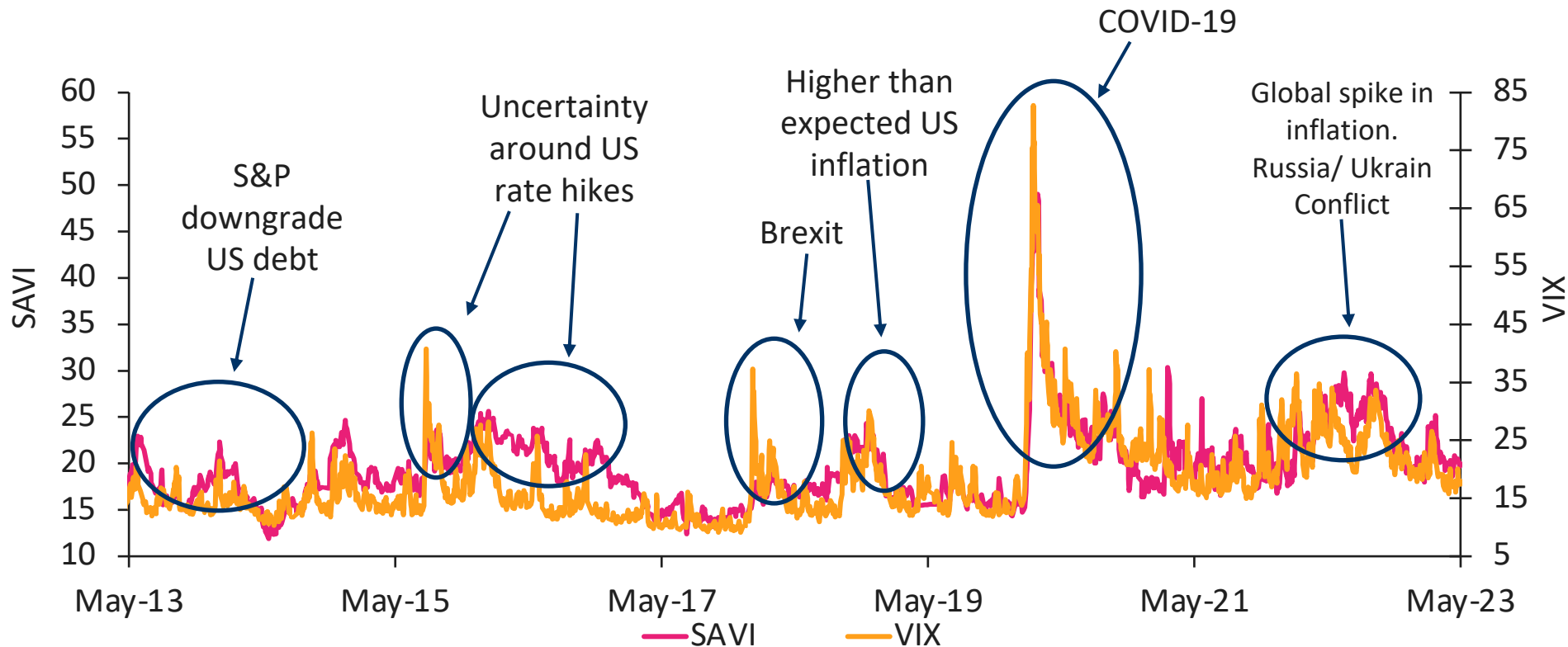
Volatility and
international flows

06

SAVI compared to the VIX



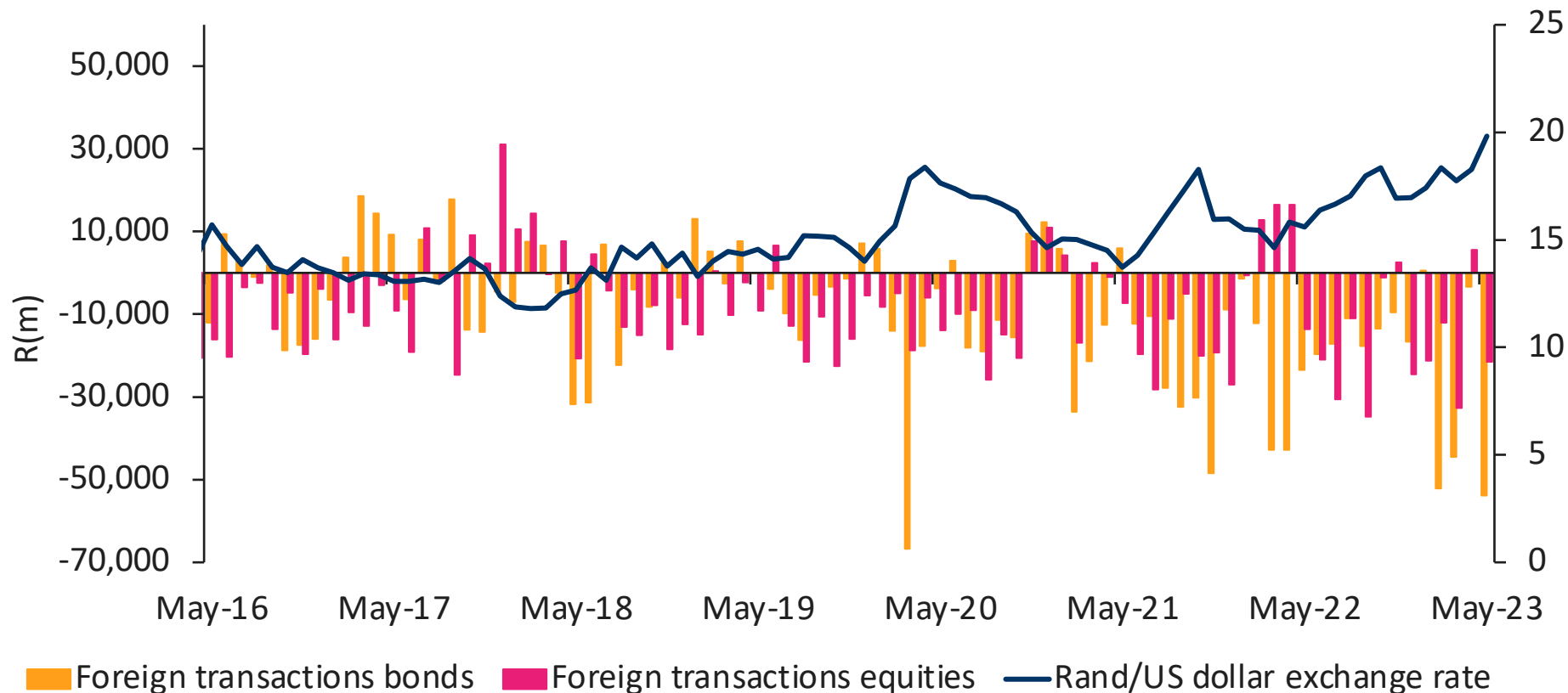
South African Volatility Index (SAVI) compared to the CBOE Volatility Index (VIX) to May 2023



Foreign transactions



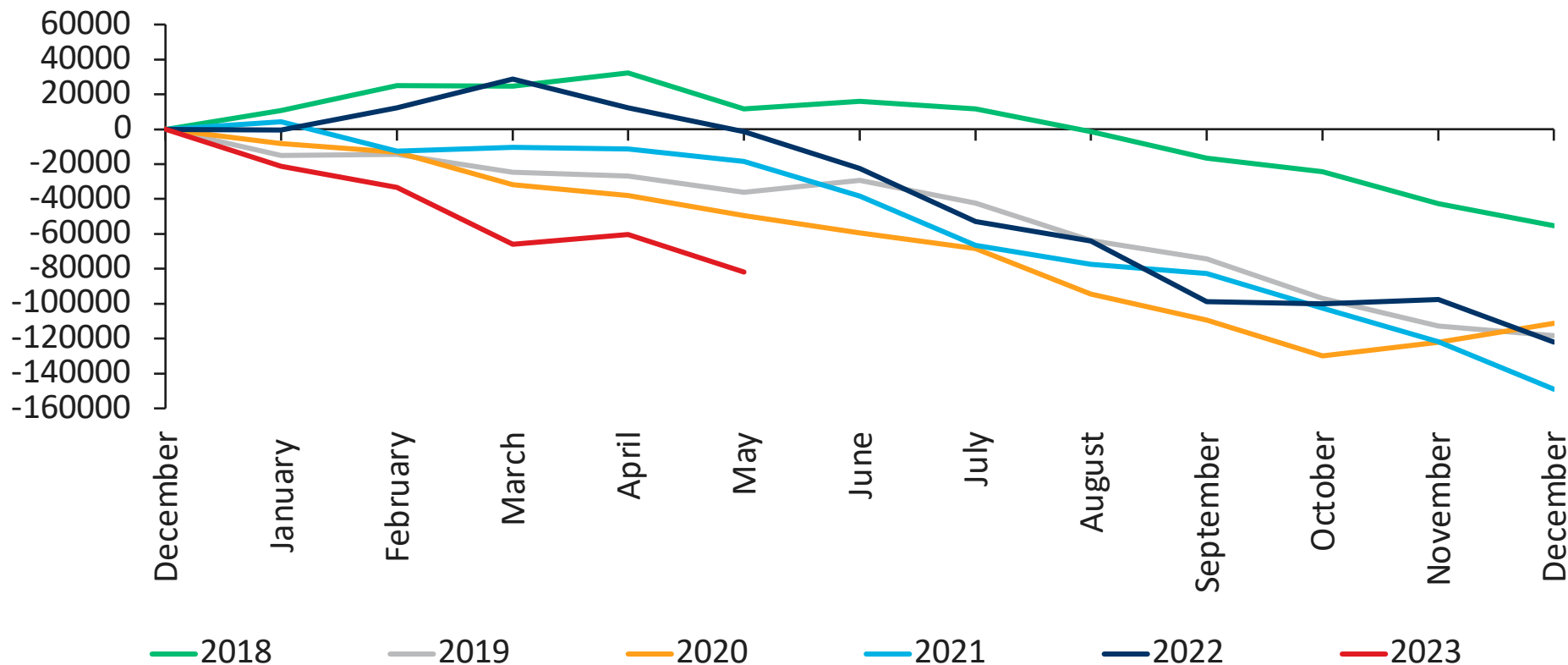
2016 to 2023



Cumulative foreign transaction: Equities



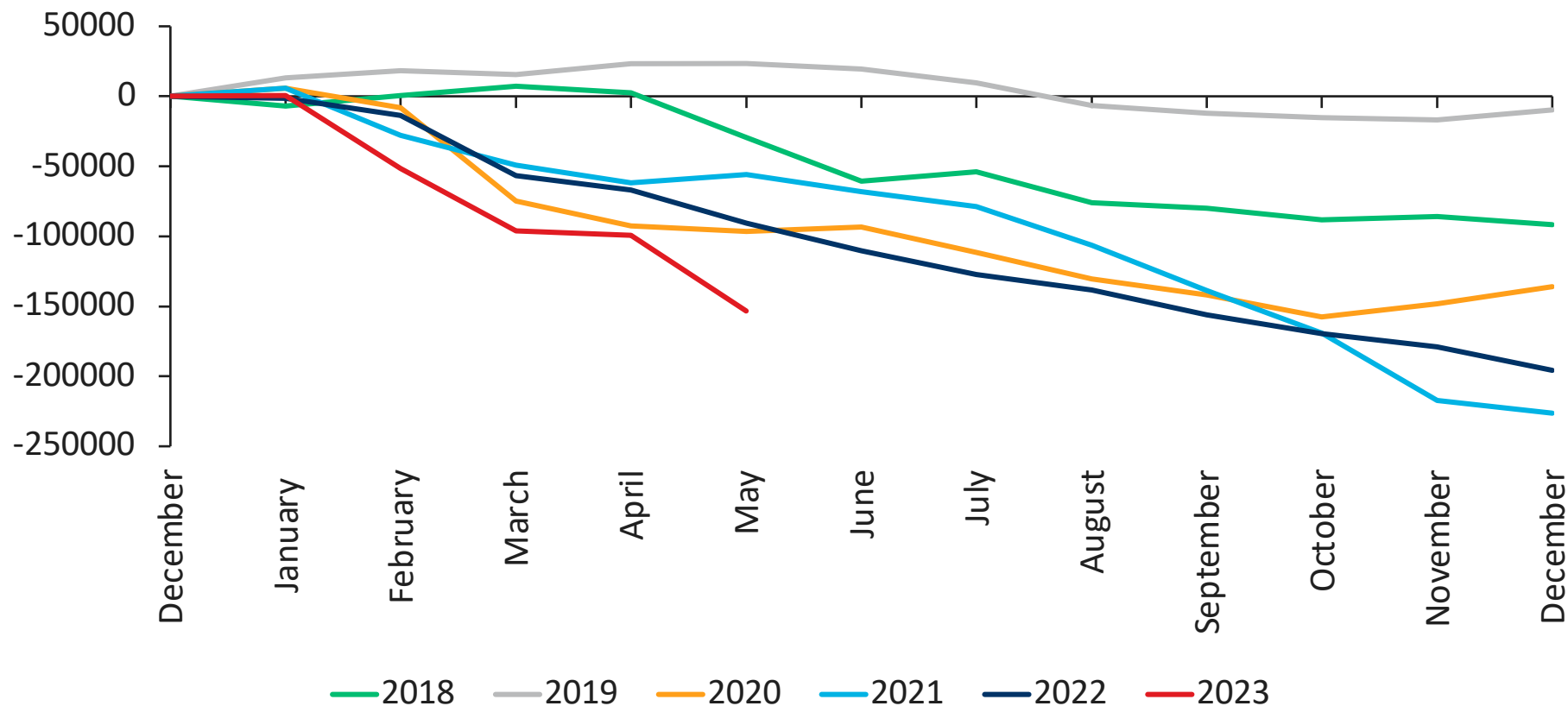
2018 to 2023



Cumulative foreign transaction: Bonds



2018 to 2023





momentum
investments

Thank you



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