

## etfSA.co.za - SOUTH AFRICAN EXCHANGE TRADED PRODUCT (ETP) AND INDEX TRACKING UNIT TRUST – MONTHLY PERFORMANCE SURVEY July 2023

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The Monthly Performance Survey for JSE listed Exchange Traded Products, both passive and actively managed, as well as index tracking unit trusts, for the period ended 31 July 2023, is attached.

The best performing index tracking passive products for periods of 5 years or more, are dominated by foreign referenced products, reflecting not only the good performance of global equity market, but the rand's cumulative depreciation, over time.

However, for the 3-year time period, South African referenced ETFs, such as the Satrix FINI ETF, the Satrix RAFI 40 ETF and the unit trusts equivalents of these funds, have been the best performers. Investment in the local market, immediately after the COVID pandemic collapse in equity markets, has been well rewarded.

More recent investment returns for one year, or less, have been superior where exposure to global tech sectors has been pursued and ETFs, ETNs as well as Actively Manager Certificates (AMCs) focussing on these sectors, have been the dominant performers.

MIKE BROWN Director etfSA Portfolio Management Company

## SUMMARY

The Survey measures total investment returns for all 201 JSE listed ETFs/ETNs/AMCs, and 31 index tracking unit trusts for periods of three month to ten years. The summary table of the best performing passive index tracking products is shown on page 2. The total return performance of each Domestic Exchange Traded Fund is shown on pages 3-5; Foreign Exchange Traded Funds on pages 6-8; Commodity ETFs & ETNs on pages 8-9; Single Stock and Index Tracking ETNS on pages 9-13; Actively Managed Certificates (AMCs) on pages 13-14; and Index Tracking Unit Trusts on pages 15-17.

## Summary Table

etfSA.co.za Monthly Performance Survey Best Performing Index Tracker Funds for period ended 31 July 2023 (Total Return % Performance*)												
Fund Name	Туре	10 Years (p.a.)	Fund Name	Туре	5 Years (p.a.)							
Sygnia Itrix MSCI USA	ETF	18,24%	1nvest S&P 500 Info Tech Index Feeder	ETF	28,58%							
Sygnia/Itrix MSCI World	ETF	15,63%	1nvest S&P 500 Info Tech Feeder Fund	Unit T	27,86%							
Old Mutual RAFI All World Index	Unit T	12,56%	Satrix Nasdaq 100	ETF	24,67%							
Sygnia Itrix Eurostoxx 50	ETF	11,70%	Satrix S&P 500 Feeder	ETF	18,77%							
Sygnia Itrix MSCI Japan	ETF	11,08%	Sygnia Itrix S&P 500	ETF	18,74%							
Satrix Capped INDI	ETF	10,19%	CoreShares S&P 500	ETF	18,30%							
** 3 Years (p.a.) ** 1 Year												
Satrix FINI 15	ETF	23,73%	UBS Robotics & Drones	ETN	47,42%							
Satrix RAFI 40	ETF	23,23%	UBS Eurostoxx 50	ETN	43,26%							
Satrix RAFI 40 Index Fund	Unit T	22,80%	Sygnia Itrix Eurostoxx 50	ETF	41,78%							
Old Mutual RAFI Index Fund	Unit T	22,06%	1nvest S&P Info Tech Index Feeder	ETF	37,82%							
Satrix Value Equity	ETF	21,93%	1nvest S&P Info Tech Index Feeder Fund	Unit T	37,66%							
1nvest S&P Info Tech Index Feeder	ETF	20,80%	UBS FNB Global Equity	AMC	34,59%							
	**	6 Months		**	3 Months							
1nvest S&P Info Tech Index Feeder	ETF	37,72%	1nvest S&P Info Tech Index Feeder	ETF	17,75%							
UBS Nasdaq 100	ETN	36,82%	1nvest S&P Info Tech Index Feeder Fund	Unit T	17,70%							
Satrix Nasdaq 100	ETF	33,04%	UBS Nasdaq 100	ETN	15,83%							
UBS Japan	ETN	24,42%	Satrix Nasdaq 100	ETF	15,77%							
UBS FNB Global Equity	AMC	22,83%	Sygnia Itrix 4th Industrial Revolution	ETF	13,18%							
UBS MSCI USA	ETN	18,34%	Sygnia Itrix Sustainable Economy	ETF	11,45%							
Source: etfSA.co.za / Profile Media Funds	Data (31/07,	/2023)										

\*\* Shows index tracking and actively managed ETFs/ETNs and Unit Trusts only, and excludes Single Stock Tracking ETNs. Investment performance details of Single Stock ETNs are on pages 9, 10 and 11.

MONTHLY PERFORMANCE	SURVEY OF SO	UTH AFRICA	AN ACTIVE A	ND PASSIV	E EXCHAN	GE TRADED	PRODUCTS	(ETPs)	
	F	ND INDEX 1	RACKING U	NIT TRUST	S				
For Perio	d Ended 31 July	y 2023	(То	tal Returns	– dividend	s reinveste	d)		
DOMESTIC (SA) ETFS	1 Month	3 Months	6 Months	1 Year	2 years	3 years	5 years	7 Years	10 Years
					p.a.	p.a.	p.a.	p.a.	p.a.
Broad Equity Market Access: Top 40	I				T	T	Γ	1	Γ
FTSE/JSE Top 40 Index	4,23%	1,66%	1,89%	22,41%	12,89%	16,95%	11,32%	10,59%	10,67%
1nvest Top 40	4,18%	1,67%	1,79%	21,92%	12,41%	16,57%	10,72%	10,08%	10,02%
1nvest Swix 40	4,39%	2,19%	1,31%	16,58%	9,40%	11,88%	6,50%	6,31%	8,32%
CoreShares Wealth Next 40 Equal Weighted	4,98%	(0,45%)	-	-	-	-	-	-	-
CoreShares Wealth Top 20 Capped	3,48%	0,78%	-	-	-	-	-	-	-
FNB Top 40 Portfolio	3,53%	0,95%	0,33%	17,91%	9,58%	14,65%	9,94%	9,35%	9,85%
Satrix 40 Portfolio	4,20%	1,60%	1,76%	22,12%	12,67%	16,74%	11,13%	10,35%	10,34%
Satrix SWIX Top 40 Portfolio	4,29%	2,42%	1,39%	17,46%	9,71%	12,03%	6,71%	6,38%	8,39%
Sygnia Itrix Top 40	4,21%	1,58%	1,73%	21,65%	12,30%	16,44%	10,87%	-	-
Sygnia Itrix SWIX 40	4,33%	2,39%	1,40%	17,25%	9,62%	12,03%	6,74%	-	-
Broad Equity Market Access: Other									
FTSE/JSE All Share Index	4,01%	1,28%	1,12%	19,34%	11,79%	16,66%	10,51%	9,61%	10,28%
CoreShares S&P Top 50	4,40%	1,55%	1,23%	18,14%	11,99%	17,54%	10,62%	10,14%	-
Satrix Capped All Share	4,02%	1,19%	0,19%	17,66%	-	-	-	-	-
JSE Equity Sector Exposure									
FNB MidCap	4,47%	0,34%	(1,62%)	3,34%	3,24%	12,57%	4,30%	1,79%	5,94%
Satrix FINI 15	7,79%	10,44%	10,08%	19,07%	21,02%	23,73%	4,42%	6,31%	8,48%
Satrix Capped INDI	2,70%	3,36%	6,76%	30,90%	13,09%	16,60%	9,41%	7,85%	10,19%
Satrix RESI	3,82%	(7,92%)	(11,70%)	6,92%	2,14%	11,22%	14,50%	15,93%	7,47%

MONTHLY PERFORMANC	E SURVEY OF SC	UTH AFRICA	N ACTIVE A	ND PASSIV	E EXCHAN	GE TRADED	PRODUCTS	(ETPs)	
		AND INDEX T							
For Peri	od Ended 31 Jul	y 2023	(То	tal Returns	– dividend	s reinveste	d)		
DOMESTIC (SA) ETFS	1 Month	3 Months	6 Months	1 Year	2 years	3 years	5 years	7 Years	10 Years
					p.a.	p.a.	p.a.	p.a.	p.a.
Floating Interest Rates					1			1	
Satrix TRACI 3 Month	0,42%	1,83%	3,08%	6,38%	5,21%	4,63%	5,50%	5,96%	5,94%
Bond (fixed interest)			-					1	-
1nvest SA Bond	(0,39%)	(0,71%)	(3,85%)	0,32%	0,23%	4,52%	-	-	-
CoreShares Income AMETF	0,30%	-	-	-	-	-	-	-	-
CoreShares Wealth GOVI	2,13%	2,15%	1,03%	-	-	-	-	-	-
CoreShares Yield Selected Bond	0,20%	-	-	-	-	-	-	-	-
FNB Government Inflation Linked Bond	0,86%	(0,37%)	1,02%	0,90%	3,88%	7,85%	4,26%	3,10%	4,38%
Satrix GOVI	2,25%	1,90%	0,88%	7,69%	4,97%	7,72%	6,79%	7,34%	7,23%
Satrix ILBI	1,49%	0,26%	2,57%	4,01%	6,21%	9,32%	5,33%	-	-
Satrix Inflation-Linked Bond	1,45%	0,18%	2,41%	3,65%	6,01%	9,25%	5,11%	3,71%	4,85%
Satrix SA Bond	2,23%	1,84%	0,94%	7,85%	8,06%	9,57%	-	-	-
Listed Property									
SA Listed Property Index (SAPY)	2,30%	(2,26%)	(1,24%)	3,42%	6,54%	13,40%	(3,01%)	(3,74%)	2,12%
Invest SA Property	2,25%	(2,28%)	(1,32%)	3,00%	6,05%	12,90%	(4,27%)	-	1,68%
CoreShares SA Property Income	1,84%	(3,20%)	(0,68%)	3,08%	7,97%	15,82%	-	-	-
Satrix Property	1,91%	(2,73%)	(1,35%)	(0,36%)	4,99%	12,12%	(7,07%)	-	-



MONTHLY PERFORMANCE S	MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs)													
	ļ	ND INDEX T	RACKING U	NIT TRUST	S									
For Period	Ended 31 July	y 2023	(То	tal Returns	– dividend	s reinveste	d)							
DOMESTIC (SA) ETFS	1 Month	3 Months	6 Months	1 Year	2 years	3 years	5 years	7 Years	10 Years					
					p.a.	p.a.	p.a.	p.a.	p.a.					
Style / Smart Beta														
FTSE/JSE All Share Index	4,01%	1,28%	1,12%	19,34%	11,79%	16,66%	10,51%	9,61%	10,28%					
CoreShares S&P SA Dividends Aristocrat	2,61%	(4,05%)	(6,90%)	9,63%	5,69%	10,01%	(0,20%)	0,23%	-					
CoreShares Scientific Beta Multi Factor	3,73%	2,69%	0,49%	18,67%	14,33%	15,41%	-	-	-					
Satrix DIVI Plus	2,79%	(5,32%)	(12,71%)	(5,10%)	5,47%	16,63%	8,22%	9,39%	7,93%					
Satrix Equity Momentum	1,02%	(0,77%)	(2,14%)	(5,10%)	5,47%	16,63%	8,22%	3,85%	7,93%					
Satrix Inclusion & Diversity	(1,38%)	(2,69%)	(2,19%)	21,39%	4,40%	-	-	-	-					
Satrix Low Volatility	2,56%	(0,48%)	1,64%	7,03%	4,82%	8,31%	0,27%	-	-					
Satrix Momentum	3,68%	1,96%	0,11%	11,01%	9,56%	12,85%	-	-	-					
Satrix Quality	5,38%	2,46%	(5,56%)	9,35%	0,87%	6,62%	1,88%	-	-					
Satrix Shari'ah Top 40	3,58%	(4,14%)	(9,46%)	6,77%	3,13%	12,36%	8,93%	7,69%	5,47%					
Satrix Value Equity	2,24%	(0,38%)	(3,45%)	8,81%	13,41%	21.93%	5,83%	-	-					
Satrix Volatility Managed SA Defensive Equity	0,59%	0,97%	(7,71%)	(3,00%)	(0,75%)	2,51%	-	-	-					
Satrix Volatility Managed SA High Growth Equity	(0,39%)	(3,23%)	(5,11%)	(2,31%)	1,77%	7,13%	-	-	-					
Satrix Volatility Managed SA Moderate Equity	2,01%	(0,56%)	(0,53%)	5,21%	4,00%	7,48%	-	-	-					
"Balanced" Portfolios														
Satrix MAPPS Growth	2,87%	1,31%	0,56%	13,12%	7,77%	10,29%	6,13%	5,89%	7,48%					
Satrix MAPPS Protect	2,65%	1,33%	1,51%	9,48%	6,92%	9,39%	5,97%	5,45%	6,58%					
"Fundamental" Value														
Satrix RAFI 40 Total Return	3,41%	0,52%	(1,13%)	19,61%	17,76%	23,23%	10,82%	10,48%	9,94%					
Satrix S&P GIVI SA Top 50	2,33%	0,96%	2,09%	23,78%	16,03%	14,43%	7,11%	3,86%	5,42%					



MONTHLY PERFORMANCE						GE TRADED	PRODUCTS	(ETPs)	
		ND INDEX T							
For Period	d Ended 31 July	y 2023	(То	tal Returns	– dividend	– dividends reinvested)			
FOREIGN ETFS	1 Month	3 Months	6 Months	1 Year	2 years	3 years	5 years	7 Years	10 Years
					p.a.	p.a.	p.a.	p.a.	p.a.
Broad Equity Market Access									
MSCI World Index (Rands)	(2,45%)	4,80%	12,47%	19,66%	10,41%	11,50%	13,91%	12,32%	13,96%
1nvest MSCI EM Asia Index Feeder	0,74%	5,25%	4,27%	-	-	-	-	-	-
1nvest MSCI World Index Feeder	(1,98%)	5,86%	13,96%	22,20%	12,01%	13,46%	15,64%	-	-
1nvest S&P 500 Index Feeder	(2,10%)	7,72%	16,19%	21,60%	14,18%	15,23%	16,46%	-	-
Cloud Atlas AMI Big50 ex-SA	Susp	ended						-	-
CoreShares Total World Feeder	(2,36%)	5,24%	11,46%	19,43%	9,90%	-	-	-	-
CoreShares S&P 500	2,78%	7,50%	16,25%	20,55%	13,65%	14,90%	18,30%	-	-
FNB Global 1200 Equity Fund of Funds	(2,80%)	4,83%	11,90%	18,85%	10,75%	11,82%	14,70%	-	-
Satrix MSCI China	4,18%	2,41%	(4,59%)	8,17%	(6,26%)	(9,30%)	-	-	-
Satrix MSCI Emerging Markets Feeder	0,00%	5,93%	6,31%	16,68%	3,23%	4,43%	6,44%	-	-
Satrix MSCI Emerging Markets ESG Enhanced	(0,02%)	5,99%	4,96%	14,14%	1,05%	-	-	-	-
Satrix MSCI India Feeder	(3,49%)	6,92%	13,69%	15,74%	-	-	-	-	-
Satrix MSCI World Equity Feeder	(2,72%)	5,52%	13,33%	21,02%	11,92%	13,43%	15,94%	-	-
Satrix MSCI World ESG Enhanced	(2,92%)	5,21%	12,47%	19,39%	10,24%	-	-	-	-
Satrix S&P 500 Feeder	(2,88%)	7,36%	15,57%	20,11%	14,05%	15,24%	18,77%	-	-
Sygnia Itrix Eurostoxx 50	(3,23%)	0,81%	13,27%	41,78%	13,35%	13,09%	12,33%	11,89%	11,70%
Sygnia Itrix FTSE 100	(2,52%)	(1,91%)	7,58%	20,54%	14,20%	13,07%	8,91%	9,94%	10,15%
Sygnia Itrix MSCI Emerging Markets 50	(0,36%)	6,76%	1,71%	13,96%	(4,03%)	-	-	-	_

MONTHLY PERFORMANCE S									
For Period	م Ended 31 July	AND INDEX 1 y 2023		tal Returns		s reinveste	d)		
FOREIGN ETFS	1 Month	3 Months	6 Months	1 Year	2 years p.a.	3 years p.a.	5 years p.a.	7 Years p.a.	10 Years p.a.
Sygnia Itrix MSCI Japan	(3,09%)	5,96%	11,22%	21,59%	8,50%	7,95%	9,27%	8,79%	11,08%
Sygnia Itrix MSCI USA	(2,66%)	7,74%	15,41%	19,45%	12,00%	13,69%	18,05%	16,25%	18,24%
Sygnia Itrix MSCI World	(2,72%)	5,44%	13,06%	20,48%	11,36%	12,75%	15,63%	14,20%	15,63%
Sygnia Itrix S&P Global 1200 ESG	(3,39%)	4,96%	12,96%	20,97%	12,89%	-	-	-	-
Sygnia Itrix S&P 500	(2,84%)	7,35%	15,57%	20,07%	13,98%	14,86%	18,74%	-	-
Sygnia Itrix S&P New China Sectors	2,97%	0,01%	(6,38%)	4,46%	-	-	-	-	-
Foreign Bonds									
1nvest Global Government Bond Index Feeder	(5,12%)	(4,91%)	0,52%	1,47%	(1,60%)	(6,61%)	3,90%	-	-
Invest ICE US Treasury Short Bond Index Feeder	(4,74%)	(1,34%)	4,84%	-	-	-	-	-	-
Cloud Atlas S&P Africa Sovereign Bond		Suspended			-	-	-	-	-
FNB US Dollar Custodian Certificate (10 Year)	(5,34%)	(3,67%)	1,53%	4,94%	4,85%	(2,52%)	7,97%	-	-
FNB US Dollar Custodian Certificate (2 Year)	(5,49%)	(2,08%)	3,97%	9,46%	9,33%	0,80%	7,01%	-	-
FNB World Government Bond	(5,46%)	(5,11%)	(0,24%)	0,25%	(3,21%)	(7,54%)	2,88%	-	-
Satrix Global Aggregate Bond	(5,21%)	(4,04%)	0,77%	3,63%	0,32%	-	-	-	-
Satrix S&P Namibia Bond	2,14%	5,74%	6,93%	14,71%	9,17%	9,47%	-	-	-
Foreign Listed Property									
1nvest Global REIT Index Feeder	(2,06%)	0,16%	(0,94%)	(1,02%)	2,31%	6,86%	7,21%	-	-
CoreShares S&P Global Property	(3,31%)	(0,48%)	(0,30%)	(1,62%)	1,83%	4,25%	7,17%	-	-
Prescient Reitway Global Property Diversified	(3,90%)	-	-	-	-	-	-	-	-
Prescient Reitway Global Property ESG	(3,19%)	-	-	-	-	-	-	-	-
Satrix Reitway Global Property	(2,30%)	(1,38%)	(5,66%)	(10,68%)	(2,92%)	-	_	-	-
Sygnia Itrix Global Property	(3,17%)	(0,28%)	(0,18%)	(1,28%)	2,11%	4,67%	7,35%	-	-



MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs) AND INDEX TRACKING UNIT TRUSTS												
For Perio	م od Ended 31 Jul				s - dividend	s reinveste	d)					
FOREIGN ETFS	1 Month	3 Months	6 Months	1 Year	2 years p.a.	3 years p.a.	5 years p.a.	7 Years p.a.	10 Years p.a.			
Foreign Thematic			_	-	_			_				
1nvest MSCI World SRI Feeder	2,13%	2,15%	1,03%	-	-	-	-	-	-			
1nvest S&P 500 Info Tech Index Feeder	(2,27%)	17,75%	37,72%	37,82%	20,64%	20,80%	28,58%	-	-			
CoreShares S&P Global Dividend Aristocrat	(2,07%)	2,18%	8,60%	16,58%	11,37%	11,31%	12,98%	-	-			
Satrix Global Infrastructure	(2,77%)	(3,07%)	2,25%	0,92%	-	-	-	-	-			
Satrix Healthcare Innovation Feeder	(2,99%)	0,28%	3,66%	8,87%	-	-	-	-	-			
Satrix Nasdaq 100	(2,29%)	15,77%	33,04%	30,31%	13,49%	15,26%	24,67%	-	-			
Satrix Smart City Infrastructure Feeder	(4,18%)	5,53%	11,87%	19,86%	-	-	-	-	-			
Sygnia Itrix 4 <sup>th</sup> Industrial Revolution	0,41%	13,18%	9,56%	13,42%	(4,58%)	7,79%	15,39%	-	-			
Sygnia Itrix Solactive Healthcare 150	(4,83%)	(2,71%)	4,60%	11,55%	-	-	-	-	-			
Sygnia Itrix Sustainable Economy	(1,37%)	11,45%	5,06%	-	-	-	-	-	-			
COMMODITIES – ETFs				-								
1nvest Gold	(2,87%)	(3,64%)	4,64%	19,84%	14,47%	1,26%	16,66%	9,16%	-			
1nvest Palladium	(3,28%)	(19,30%)	(19,13%)	(35,76%)	(23,55%)	(14,41%)	12,73%	12,24%	-			
1nvest Platinum	(0,50%)	(13,85%)	(3,25%)	13,72%	5,03%	2,85%	8,83%	0,53%	-			
1nvest Rhodium	(21,16%)	(58,55%)	(64,86%)	(70,04%)	(50,38%)	(22,97%)	17,45%	33,91%	-			
Absa NewGold	(3,46%)	(4,36%)	4,04%	19,08%	14,04%	1,02%	16,47%	8,94%	10,04%			
Absa NewGold Palladium	(4,26%)	(17,73%)	(19,81%)	(35,12%)	(23,86%)	(13,83%)	12,75%	12,17%	-			
Absa NewPlat	(0,30%)	(14,58%)	(3,74%)	13,79%	4,85%	2,84%	8,67%	0,42%	1,30%			
FNB Krugerrand Custodian Certificate	(2,50%)	(2,92%)	5,43%	20,82%	14,88%	1,59%	16,54%	9,08%	-			



MONTHLY PERFOR	MANCE SURVEY OF SO	UTH AFRICA	N ACTIVE A	ND PASSIV	/E EXCHAN	GE TRADED	PRODUCTS	(ETPs)						
	4	ND INDEX T	RACKING U	NIT TRUST	S									
Fo	For Period Ended 31 July 2023 (Total Returns – dividends reinvested)													
FOREIGN ETFS	1 Month	3 Months	6 Months	1 Year	2 years	3 years	5 years	7 Years	10 Years					
					p.a.	p.a.	p.a.	p.a.	p.a.					
COMMODITIES - ETNS				-										
Absa NewWave Platinum	(1,03%)	(14,16%)	(3,66%)	13,03%	4,42%	2,73%	8,61%	0,55%	1,48%					
Absa NewWave Silver	2,44%	(4,11%)	6,87%	32,08%	8,01%	2,33%	16,11%	6,07%	7,86%					
Standard Bank Copper	(1,38%)	(2,59%)	(2,19%)	21,39%	4,40%	-	-	-	-					
Standard Bank Oil	5,74%	5,85%	5,80%	(1,53%)	39,41%	-	-	-	-					
CURRENCIES - ETNS				-										
Absa NewWave EURO	(4,62%)	(2,36%)	5,08%	18,02%	7,15%	(0,43%)	5,25%	3,68%	4,29%					
Absa NewWave Pound	(4,49%)	0,26%	8,43%	16,90%	7,59%	1,68%	6,66%	3,76%	4,74%					
Absa NewWave US Dollar	(5,38%)	(1,89%)	3,90%	10,86%	12,15%	2,66%	7,70%	4,87%	6,91%					

ACTIVELY MANAGED & PASSIVE INDEX TRACKING ETNS	1 Month	3 Months	6 Months	1 Year	2 years p.a.	3 years p.a.	5 years p.a.	7 Years p.a.	10 Years p.a.
FNB – Single Stock Passive ETNs									
Activision Blizzard (Compo)	3,86%	15,31%	23,29%	23,18%	14,63%	-	-	-	-
Activision Blizzard (Quanto)	10,45%	19,35%	21,56%	16,08%	5,14%	-	-	-	-
Adobe Inc (Compo)	4,68%	41,33%	51,04%	42,15%	2,27%	-	-	-	-
Adobe Inc (Quanto)	11,87%	47,09%	49,66%	34,95%	(5,94%)	-	-	-	-
Alphabet Inc (Compo)	3,35%	20,74%	37,55%	22,28%	7,87%	-	-	-	-
Alphabet Inc (Quanto)	9,84%	24,91%	35,63%	15,12%	(1,06%)	-	-	-	-
Amazon.com Inc (Compo)	(3,57%)	22,16%	31,97%	3,33%	(2,69%)	-	-	-	-
Amazon.com Inc (Quanto)	2,53%	26,68%	29,92%	(2,64%)	10,69%	-	-	-	-



MONTHLY PERFORMANCE SU	MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs)													
	4	ND INDEX T	RACKING U	NIT TRUST	S									
For Period E	nded 31 July	y 2023	(То	tal Returns	– dividend	s reinveste	d)							
ACTIVELY MANAGED & INDEX TRACKING ETNS	1 Month	3 Months	6 Months	1 Year	2 years	3 years	5 years	7 Years	10 Years					
					p.a.	p.a.	p.a.	p.a.	p.a.					
FNB – Single Stock Passive ETNs (cont.)														
Apple Inc (Compo)	(4,30%)	12,42%	38,77%	27,77%	27,22%	-	-	-	-					
Apple Inc (Quanto)	1,93%	15,97%	36,86%	20,75%	16,75%	-	-	-	-					
Berkshire Hathaway Inc (Compo)	(2,34%)	3,76%	16,24%	24,58%	22,13%	-	-	-	-					
Berkshire Hathaway Inc (Quanto)	3,82%	7,40%	14,56%	17,27%	12,06%	-	-	-	-					
Coca Cola Company (Compo)	(0,30%)	(4,71%)	5,28%	5,95%	16,24%	-	-	-	-					
Coca Cola Company (Quanto)	5,37%	(1,30%)	3,85%	0,15%	6,63%	-	_	-	-					
Facebook Inc (Compo)	5,46%	31,33%	119,78%	116,94%	3,11%	-	-	-	-					
Facebook Inc (Quanto)	12,18%	35,95%	116,70%	105,77%	(5,40%)	-	-	-	-					
Ford Motor Company (Compo)	(17,72%)	1,51%	(1,07%)	(1,27%)	7,28%	-	-	-	-					
Ford Motor Company (Quanto)	(12,52%)	5,05%	(2,51%)	(6,78%)	(1,62%)	-	-	-	-					
Goldman Sachs Group Inc (Compo)	5,27%	1,17%	2,41%	15,90%	8,38%	-	-	-	-					
Goldman Sachs Group Inc (Quanto)	11,94%	4,71%	0,92%	9,38%	(0,61%)	-	-	-	-					
JP Morgan Chase and Co (Compo)	3,48%	10,94%	15,91%	46,31%	12,71%	-	-	-	-					
JP Morgan Chase and Co (Quanto)	10,09%	14,90%	14,25%	38,28%	3,41%	-	_	-	-					
McDonalds Corporation (Compo)	(6,76%)	(4,24%)	11,95%	19,50%	21,30%	-	-	-	-					
McDonalds Corporation (Quanto)	(0,82%)	(0,69%)	10,41%	12,91%	11,29%	-	-	-	-					
Microsoft Corporation (Compo)	(7,78%)	6,05%	40,02%	28,05%	19,09%	-	_	-	-					
Microsoft Corporation (Quanto)	(2,03%)	9,62%	37,94%	20,63%	9,09%	-	-	-	-					

Continued/...



MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs)													
	4	ND INDEX 1	RACKING U	INIT TRUST	S								
For Period E	nded 31 July	y 2023	(Та	tal Returns	– dividend	s reinveste	d)						
ACTIVELY MANAGED & INDEX TRACKING ETNS	1 Month	3 Months	6 Months	1 Year	2 years	3 years	5 years	7 Years	10 Years				
(continued)					p.a.	p.a.	p.a.	p.a.	p.a.				
FNB – Single Stock Passive ETNs (cont.)													
Netflix Inc (Compo)	(7,23%)	28,01%	24,89%	103,97%	(0,23%)	-	-	-	-				
Netflix Inc (Quanto)	(1,28%)	32,39%	23,14%	90,54%	(8,43%)	-	-	-	-				
PayPal Holdings Inc (Compo)	8,57%	(3,24%)	(4,13%)	(6,49%)	(42,85%)	-	-	-	-				
PayPal Holdings Inc (Quanto)	15,34%	0,27%	(5,29%)	(12,15%)	(47,55%)	-	-	-	-				
Tesla Inc (Compo)	(4,78%)	57,60%	58,87%	(2,09%)	17,25%	_	-	-	-				
Tesla Inc (Quanto)	1,22%	63,36%	56,52%	(7,78%)	7,50%	-	-	-	-				
Visa Inc, Class A (Compo)	(5,71%)	(1,10%)	5,62%	19,82%	7,53%	-	-	-	-				
Visa Inc, Class A (Quanto)	0,25%	2,27%	4,02%	13,12%	1,37%	-	-	-	-				
FNB – Index Tracking ETNs													
iShares Global Clean Energy Index (Compo)	(4,92%	(1,60%)	(6,27%)	(10,04%)	-	-	-	-	-				
iShares Global Clean Energy Index (Quanto)	1,09%	1,96%	(7,56%)	(15,10%)	-	_	-	-	-				
iShares Global Water Index (Compo)	(2,75%)	2,64%	7,86%	16,25%	-	-	-	-	-				
iShares Global Water Index (Quanto)	3,47%	6,26%	6,61%	9,94%	-	-	-	-	-				
iShares Core MSCI World Index ETF (Compo)	(2,62%)	5,12%	13,73%	20,51%	10,65%	-	-	-	-				
iShares Core MSCI World Index ETF (Quanto)	3,34%	8,82%	12,03%	13,75%	1,38%	-	-	-	-				
UBS MSCI World Socially Responsible Index (Compo)	(2,62%)	6,64%	15,44%	20,59%	-	-	-	-	-				
UBS MSCI World Socially Responsible Index (Quanto)	3,51%	10,34%	13,85%	13,83%	-	-	-	-	-				



MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs) AND INDEX TRACKING UNIT TRUSTS												
For Period E						s reinveste	d)					
ACTIVELY MANAGED & INDEX TRACKING ETNS (continued)	1 Month	3 Months	6 Months	1 Year	2 years p.a.	3 years p.a.	5 years p.a.	7 Years p.a.	10 Years p.a.			
Union Bank of Switzerland (UBS AG) (Credit Ra	ting: S&P A+ I	Moody's Aa3 Fit	ch AA- )									
Themed Index Tracking ETNs												
BIOTEC - Bloomberg Transatlantic Top 50 Biotech	0,02%	-	-	-	-	-	-	-	-			
ULUXSE - Bloomberg Luxury Series Luxury	1,52%	-	-	-	-	-	-	-	-			
OILGAS - Bloomberg Eurozone DM Top 10 Oil & Gas	1,35%	-	-	-	-	-	-	-	-			
USPACE - Bloomberg Euronext Helios Space	1,73%	-	-	-	-	-	-	-	-			
UBSSXF EURO STOXX 50 Net Total Return Index	(3,27%)	0,74%	13,93%	43,26%	-	-	-	-	-			
UBSUKX FTSE 100 Index	(2,5%%)	(1,89%)	7,92%	21,87%	-	-	-	-	-			
UEMERG MSCI Emerging Market Net Total Return Index	(0,20%)	4,79%	5,07%	15,46%	-	-	-	-	-			
UJAPAN MSCI Japan Net Total Return Index	(4,71%)	5,70%	24,42%	-	-	-	-	-	-			
UBNDDU MSCI USA Net Total Return Index	(0,88%)	7,62%	18,34%	20,55%	-	-	-	-	-			
UESGWL MSCI World ESG Leaders Net Total Return Index	(2,82%)	5,35%	14,37%	21,44%	-	-	-	-	-			
UWORLD MSCI World Net Total Return Index	(2,62%)	5,35%	14,06%	21,32%	-	-	-	-	-			
UBSNDX Nasdaq-100 Net Total Return Index	2,49%	15,83%	36,82%	31,30%	-	-	-	-	-			
UBDAUD S&P 500 Dividend Aristocrats Net Total Return Index	(1,74%)	1,97%	8,90%	16,96%	-	-	-	-	-			
UBLVHD S&P 500 Low Volatility High Dividend Net Total Return Index	(1,44%)	(1,27%)	(2,11%)	3,96%	-	-	-	-	-			
UBSSNP S&P 500 Net Total Return Index	0,97%	7,17%	16,49%	20,71%	-	-	-	-	-			
UBRAIC S&P Kensho New Economy RAIC Net Total Return Index	4,33%	6,94%	8,35%	15,60%	-	-	-	-	-			

Continued/...

For Period E		AND INDEX T			s – dividend	s reinveste	1)		
ACTIVELY MANAGED & INDEX TRACKING ETNS (continued)	1 Month	y 2023 3 Months	6 Months	1 Year	2 years p.a.	3 years p.a.	5 years p.a.	7 Years p.a.	10 Year p.a.
Union Bank of Switzerland (UBS AG) (Credit Ratin	g: S&P A+ Mc	ody's Aa3 Fitch	n AA- )						
Themed Index Tracking ETNs									
UBDATA Solactive Big Data Net Total Return Index	(3,95%)	7,53%	10,74%	18,42%	-	-	-	-	-
UBTECU Solactive Fintech 20 Net Total Return Index	(0,32%)	11,46%	10,65%	13,36%	-	-	-	-	-
UBFAMU Solactive Global Family-Owned Companies Total Return Index	(4,06%)	(2,02%)	6,79%	17,75%	-	-	-	-	-
UBGURU Solactive Guru Net Total Return Index	4,33%	6,94%	8,35%	15,60%	-	-	-	-	-
UBROBO Solactive Robotics and Drones Net Total Return Index	(5,18%)	5,46%	7,15%	47,42%	-	-	-	-	-
METVRS - UBS MSCI USA IMI Metaverse	3,88%	-	-	-	-	-	-	-	-
Standard Bank Actively Managed Certificates (AM	lCs)				·				
AMC001 – AAM Multi Strategy Equity Portfolio	3,33%	1,23%	0,26%	-	-	-	-	-	-
AMC002 – High Street Offshore Yielding Portfolio	(1,88%)	7,52%	12,40%	-	-	-	-	-	-
AMC003 – ClucasGray AM Focussed Equity Portfolio	5,27%	3,23%	0,94%	-	-	-	-	-	-
AMC004 – Blue Horseshoe Equity Portfolio	(1,45%)	-	-	-	-	-	-	-	-
AMC005 – NVest Stable Portfolio	(0,22%)	-	-	-	-	-	-	-	-
AMC006 - NVest Balanced Portfolio	-	-	-	-	-	-	-	-	-
UBS Actively Managed Certificates (AMCs)									
UABSPA - Absa (Global Equity)	(3,35%)	1,84%	10,72%	15,63%	7,19%	8,91%	-	-	-
UPCHPA – Absa (Global Equity)	(2,08%)	0,44%	6,88%	13,57%	6,36%	5,96%	-	-	-
UABCPA – AnBro Capital (Global Unicorn Equity)	(6,13%)	3,53%	9,45%	9,22%	(15,91%)	(3,36%)	-	_	-
ANCOMP – AnBro Dynamic Compound Portfolio	(6,52%)	(4,62%)	(1,37%)	_	_		_		-

USQCPA – Strategiq (Global Equity)

UUQUAD – Unum Capital Portfolio

MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs) AND INDEX TRACKING UNIT TRUSTS									
For Period E						a rainvaata	d )		
ACTIVELY MANAGED CERTIFICATES (AMCs)	1 Month	y 2023 3 Months	6 Months	1 Year	2 years p.a.	s reinveste 3 years p.a.	5 years p.a.	7 Years p.a.	10 Years p.a.
CLPASI – Capital Link Partners (Asia Portfolio)	(2,68%)	(1,07%)	1,90%	-	-	-	-	-	-
CCMGCZ – Coherent Capital (Global Commodity Investment Portfolio	0,21%	1,77%	3,00%	-	-	-	-	-	-
DNKOPP – Denker Capital (Small Cap Opportunities Portfolio)	(0,14%)	(1,28%)	(0,40%)	-	-	-	-	-	-
UEFPCB - Efficient Group (SA Equity)	5,28%	2,57%	(9,06%)	5,28%	(3,47%)	3,67%	-	-	-
UEXGEP – Excelsia (Global Equity)	(0,36%)	5,36%	9,08%	34,45%	10,49%	15,08%	-	-	-
FNBGEG – FNB Equity Growth (Global Equity)	(0,81%)	7,93%	13,73%	25,77%	10,00%	7,77%	-	-	-
FNBGSE – FNB (Global Equity)	(0,30%)	7,94%	22,83%	34,59%	19,40%	14,91%	-	-	-
FNBLSP – FNB Local Select Portfolio	12,96%	(2,11%)	-	-	-	-	-	-	-
ISGLOB – Independent Investment Solutions (i <sup>2</sup> )	0,54%	-	-	-	-	-	-	-	-
MERGE – Mergence Global Quant Equity Portfolio	0,56%	(1.38%)	-	-	-	-	-	-	-
UMMIEA – Momentum (Global Equity)	(1,87%)	(2,29%)	2,59%	12,88%	2,73%	1,77%	-	-	-
UMMIEB – Momentum (Global Equity)	(1,82%)	(2,17%)	2,86%	13,39%	3,19%	2,20%	-	-	-
UMMIES – Momentum (World Islamic)	(4,40%)	(3,58%)	2,96%	16,79%	4,18%	4,16%	-	-	-
UOMWPA – Old Mutual Wealth	(3,77%)	1,87%	11,46%	12,66%	5,23%	9,23%	-	-	-
UBRAND – Private Client Global Brands Portfolio	0,50%	-	-	-	-	-	-	-	-
SAAGG – SAAM Global Growth Portfolio	0,52%	0,50%	-	-	-	-	-	-	-
SAALG - SAAM Local Growth Portfolio	3,96%	3,96%	-	-	-	-	-	-	-
SBTGFP – SBT Global Flexible Portfolio	(1,45%)	5,90%	-	-	-	-	-	-	-

9,01%

-

13,37%

-

0,72%

-

6,18%

-

-

-

-

-

\_

(4,26%)

3,51%

1,16%

-



MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs)										
AND INDEX TRACKING UNIT TRUSTS										
For Period Ended 31 July 2023 (Total Returns – dividends reinvested)										
INDEX TRACKING UNIT TRUSTS	1 Month	3 Months	1 Year	3 years p.a.	5 years p.a.	10 Years p.a.				
FTSE/JSE TOP 40 INDEX (Total Return)	4,23%	1,66%	22,41%	16,95%	11,32%	10,67%				
1nvest ALSI 40 Fund	4,07%	1,38%	21,73%	16,23%	10,74%	10,14%				
Camissa Top 40 Tracker Fund	4,14%	1,28%	21,44%	15,70%	11,07%	10,02%				
Satrix Equally Weighted Top 40 Index Fund	4,98%	1,42%	16,97%	19,33%	9,93%	7,32%				
Satrix Top 40 Index Fund	4,16%	1,47%	21,57%	16,08%	10,49%	-				
Sygnia Top 40 Index Fund	4,13%	1,62%	21,74%	15,74%	10,36%	-				
Sygnia SWIX Index Fund	4,12%	2,10%	14,76%	12,22%	6,50%	-				
BOND INDEX TRACKING UNIT TRUSTS (Total Return)		1								
1nvest ALBI Tracker Fund	2,25%	1,80%	7,63%	7,61%	6,83%	-				
1nvest Inflation-Linked Bond Tracker Fund	1,43%	0,13%	3,20%	8,93%	4,79%	-				
Absa Bond Index Fund	2,54%	2,04%	8,08%	8,03%	-	-				
Satrix Bond Index Fund	2,25%	1,78%	7,57%	7,60%	6,74%	-				
Sygnia All Bond Index Fund	2,16%	1,76%	7,52%	7,89%	6,93%	-				
PROPERTY INDEX TRACKING UNIT TRUSTS (Total Return	n)		I	1	1					
FTSE/JSE SA Listed Property Index (SAPY)	2,30%	(2,26%)	3,42%	13,40%	(3,01%)	2,12%				
Satrix Property Index Fund	2,25%	(2,40%)	2,91%	12,72%	(3,50%)	1,61%				
Mutual & General Enhanced SA Property Tracker Fund	1,93%	(2,25%)	2,57%	13,12%	(3,96%)	1,72%				
Sygnia Listed Property Index Fund	2,61%	(2,40%)	3,50%	12,19%	(3,60%)	1,41%				



MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs)										
AND INDEX TRACKING UNIT TRUSTS										
For Period Ende	ed 31 July 2023	(Total	ends reinvested)	)	_					
INDEX TRACKING UNIT TRUSTS	1 Month	3 Months	1 Year	3 years p.a.	5 years p.a.	10 Years p.a.				
FTSE/JSE ALL SHARE INDEX (Total Return)	4,01%	1,28%	19,34%	16,66%	10,51%	10,28%				
1nvest Index Fund	4,06%	1,76%	14,72%	14,48%	7,68%	8,07%				
Gryphon All Share Tracker Fund	3,93%	1,46%	19,59%	15,84%	9,72%	9,77%				
Satrix ALSI Index Fund	3,97%	1,15%	18,81%	16,09%	9,95%	9,58%				
Satrix RAFI 40 Index Fund	3,38%	0,76%	17,40%	22,80%	10,24%	9,51%				
Satrix Momentum Index Fund	3,72%	1,90%	11,04%	12,69%	6,54%	-				
Old Mutual RAFI 40 Index Fund	3,38%	0,53%	17,14%	22,06%	10,28%	9,70%				
Satrix Balanced Index Fund	1,63%	2,54%	11,18%	12,97%	8,81%	-				
Satrix Low Equity Balanced Index Fund	1,18%	1,95%	8,65%	9,22%	7,47%	-				
Satrix Dividend Plus Index Fund	2,85%	(5,79%)	(5,86%)	16,22%	7,80%	7,48%				
Sygnia Dividend Index Fund	4,36%	(3,71%)	(2,66%)	17,21%	8,51%	7,92%				



MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs) AND INDEX TRACKING UNIT TRUSTS									
For Period Ended 31 July 2023 (Total Returns – dividends reinvested)									
INDEX TRACKING UNIT TRUSTS	1 Month	3 Months	1 Year	3 years p.a.	5 years p.a.	10 Years p.a.			
WORLD INDEX TRACKING UNIT TRUSTS (Total Retu	ırn)								
MSCI World Index (Rands)	(2,45%)	4,80%	19,66%	11,50%	13,91%	13,96%			
1nvest S&P 500 Index Feeder Fund	(2,13%)	7,62%	21,19%	14,98%	18,08%	-			
1nvest S&P 500 Info Tech Feeder Fund	(2,29%)	17,70%	37,66%	20,49%	27,86%	-			
1nvest MSCI World Index Feeder Fund	(1,98%)	5,86%	22,20%	13,46%	15,64%	-			
1nvest Global Govt. Bond Index Feeder	(5,12%)	(4,91%)	1,47%	(6,61%)	3,90%	-			
1nvest Global REIT Index Feeder	(2,06%)	0,16%	(1,02%)	6,86%	7,21%	-			
Old Mutual FTSE RAFI All World Index Fund	(1,53%)	3,31%	21,80%	14,80%	11,87%	12,56%			
Satrix MSCI World Equity Index Feeder Fund	(2,83%)	5,28%	21,87%	12,30%	14,97%	_			

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