

Monthly Performance Survey

South African Exchange Traded Product (ETP) &
Index Tracking Unit Trust

November 2024

Mike Brown | Managing Director

The Monthly Performance Survey of passive Exchange Traded products (ETPs) and index tracking unit trusts for end-November 2024, has the following highlights.

5-10 years

Exchange Traded Funds that track US equity indices, in particular the S&P 500 and the Information Technology version of the S&P 500, are the outstanding performers.

However, it is of interest that ETFs tracking the price of gold bullion (**NewGold** and **1invest Gold**), have delivered solid performances of more than 13% per annum over the past 10 years. Of note, is that the gold trackers also show up well in the 3-year performance data. Although there has been some big cyclical variations in the prices of gold and other precious metals within the past decade, the store of value qualities of gold have been validated by its solid long-term investment returns.

Less than 1 year

For the shorter term periods, the outstanding returns delivered by certain of the UBS issued Exchange Traded Notes, that track high-tech indices, has been the stand out feature.

The **UBS Solactive Big Data ETN**, for instance, has delivered a total return of 57,8% over the past year and also tops the performance tables for the 6-month and 3-month periods. Big Data, notably incorporates some of the providers of Artificial Intelligence (AI) solutions and this may be an optimal product for capturing the high investment returns of this sector of the market.

Other top performers from the UBS stable have been the **Solactive Fintech ETN**, the **USA IMI Metaverse ETN** and the **Solactive GURU ETN**. These specialised index trackers of sectors of the IT universe are probably underutilised by investors seeking exposure in this fast moving part of the global financial markets.

Mike Brown
Managing Director

SUMMARY

The Survey measures total investment returns for all 248 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 2; Foreign Exchange Traded Funds on pages 3-8; Commodity ETFs & ETNs on page 9; Actively Managed ETFs on page 10; Index Tracking ETNs on pages 12-13; Actively Managed Certificates (AMCs) on pages 14-16; and Index Tracking Unit Trusts on pages 17-18. Single Stock and Index Tracking ETNS in the Annexure on pages 19-20.

Summary Table

etfSA.co.za Monthly Performance Survey Best Performing Index Tracker Funds for period ended 29 November 2024 (Total Return % Performance*)					
Fund Name	Type	10 Years (p.a.)	Fund Name	Type	5 Years (p.a.)
Sygnia Itrix MSCI USA	ETF	17,90%	1Invest S&P 500 Info Tech Index Feeder	ETF	29,91%
Sygnia/Itrix MSCI World	ETF	15,30%	1Invest S&P 500 Info Tech Feeder Fund	Unit T	29,45%
Satrix MSCI World Equity Index	Unit T	14,51%	Satrix Nasdaq 100	ETF	25,44%
1Invest Gold	ETF	13,59%	Satrix S&P 500 Feeder	ETF	20,23%
Absa NewGold	ETF	13,52%	Sygnia Itrix S&P 500	ETF	20,17%
Old Mutual RAFI All World Index Fund	Unit T	11,79%	1Invest S&P 500 Index Feeder	ETF	20,03%
	**	3 Years (p.a.)		**	1 Year
Satrix FINI 15	ETF	21,48%	UBS Solactive Big Data (UBDATA)	ETN	57,89%
1Invest S&P 500 Info Tech Index Feeder	ETF	20,29%	UBS Solactive Fintech 20 (UBTECU)	ETN	50,45%
1Invest S&P 500 Info Tech Feeder Fund	Unit T	20,14%	UBS MSCI USA IMI Metaverse (METVRS)	ETN	45,07%
Standard Bank Oil	ETN	19,21%	Satrix SA Property	ETF	42,70%
NewGold	ETF	18,06%	Sygnia Itrix Property Index Fund	Unit T	41,40%
1Invest Gold	ETF	18,01%	Satrix Property Fund	Unit T	40,63%
	**	6 Months		**	3 Months
UBS Solactive Big Data (UBDATA)	ETN	37,34%	UBS Solactive Big Data (UBDATA)	ETN	37,68%
UBS Solactive Fintech 20 (UBTECU)	ETN	26,00%	UBS Solactive Fintech 20 (UBTECU)	ETN	21,68%
Satrix SA Property	ETF	25,33%	Coronation Global Equity Select (COGES)	AMETF	19,53%
Satrix FINI 15	ETF	24,64%	UBS Solactive GURU (UBGURU)		18,02%
UBS Denker Capital (Small Cap Opportunities (DNKOPP))	AMC	23,69%	Sygnia Itrix New China Sectors	ETF	15,80%
10X SA Property Income	ETF	23,42%	Satrix MSCI China	ETF	14,71%
Source: etfSA.co.za / Profile Media Funds Data (29/11/2024) * Includes reinvestment of dividends.					
**	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 17 and 18.				

MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPS) AND INDEX TRACKING UNIT TRUSTS
For Period Ended 29 November 2024 (Total Returns – dividends reinvested)

Domestic (SA) 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.
Broad Equity Market Access: Top 40									
FTSE/JSE Top 40 Index	(3,85%)	0,22%	6,93%	13,57%	10,40%	10,15%	13,12%	8,72%	9,09%
1Invest Top 40	(3,84%)	0,12%	6,70%	13,08%	10,05%	9,74%	12,75%	8,21%	8,65%
1Invest SWIX 40	(3,82%)	(1,00%)	5,61%	11,79%	5,99%	6,82%	7,49%	3,08%	4,61%
10X Wealth Next 40 Equal Weighted	(3,77%)	2,28%	10,53%	20,98%	-	-	-	-	-
10X Wealth Top 20 Capped	(4,10%)	(0,09%)	5,73%	13,10%	-	-	-	-	-
FNB Top 40 Portfolio	(3,84%)	0,15%	6,83%	13,28%	10,17%	9,95%	12,92%	8,56%	8,90%
Satrix 40 Portfolio	(3,83%)	0,16%	6,82%	13,29%	10,17%	9,95%	12,89%	8,53%	8,83%
Satrix SWIX Top 40 Portfolio	(3,87%)	0,07%	6,85%	13,65%	8,74%	9,38%	9,63%	4,97%	6,40%
Sygnia Itrix Top 40	(3,80%)	0,16%	6,79%	13,35%	10,08%	9,78%	12,68%	8,34%	-
Broad Equity Market Access: Other									
FTSE/JSE All Share Index	(3,10%)	1,52%	9,30%	16,49%	11,52%	10,75%	12,96%	8,75%	9,04%
10X S&P SA Top 50	(3,32%)	0,60%	7,00%	15,08%	9,84%	10,14%	12,79%	9,28%	-
Satrix Capped All Share	(4,20%)	0,18%	8,06%	15,04%	10,03%	10,12%	-	-	-
Satrix JSE Global Equity ETF	(4,10%)	(3,49%)	(2,84%)	-	-	-	-	-	-
JSE Equity Sector Exposure									
FNB MidCap	(2,85%)	4,16%	14,05%	25,78%	11,84%	10,43%	7,91%	6,02%	6,05%
Satrix FINI 15	0,56%	1,34%	24,64%	29,41%	19,65%	21,48%	10,66%	8,12%	7,59%
Satrix Capped INDI	(2,17%)	2,05%	7,46%	15,59%	16,52%	9,14%	13,23%	6,09%	8,06%
Satrix RESI	(11,95%)	(3,48%)	(10,47%)	(2,26%)	(8,56%)	(1,30%)	8,65%	10,39%	6,31%

MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPS) AND INDEX TRACKING UNIT TRUSTS
For Period Ended 29 November 2024 (Total Returns – dividends reinvested)

Domestic (SA) 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.
Floating Interest Rates									
Satrix TRACI 3 Month	0,70%	1,99%	4,12%	9,51%	8,18%	7,04%	6,01%	6,29%	6,42%
Bond (fixed interest)									
1Invest SA Bond	2,47%	4,14%	16,10%	18,66%	13,53%	11,75%	10,57%	-	-
10X Wealth GOVI	2,10%	3,85%	15,86%	18,10%	-	-	-	-	-
10X Yield Selected Bond	2,90%	4,96%	20,56%	15,91%	-	-	-	-	-
FNB Government Inflation Linked Bond	0,79%	0,92%	7,18%	8,70%	8,05%	7,30%	7,27%	6,00%	4,73%
Satrix GOVI	2,42%	4,04%	15,94%	18,58%	13,36%	11,16%	9,59%	9,63%	8,04%
Satrix ILBI	0,78%	0,91%	7,32%	8,75%	8,06%	7,52%	7,44%	6,23%	-
Satrix SA Bond	2,46%	4,10%	16,24%	18,93%	13,61%	13,44%	-	-	-
Listed Property									
SA Listed Property Index (SAPY)	(0,23%)	3,87%	23,17%	41,43%	19,69%	15,70%	4,55%	0,24%	3,19%
1Invest SA Property	(0,25%)	3,79%	22,69%	40,21%	18,93%	14,96%	(0,40%)	-	2,73%
10X SA Property Income	0,75%	6,42%	23,42%	39,04%	19,31%	15,50%	4,77%	-	-
Satrix Property	0,62%	5,53%	25,33%	42,70%	19,66%	14,02%	(1,58%)	-	-

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Domestic (SA) 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.
Style / Smart Beta									
FTSE/JSE All Share Index	(3,10%)	1,52%	9,30%	16,49%	11,52%	10,75%	12,96%	8,75%	9,04%
Satrix DIVI Plus	(3,54%)	0,65%	7,68%	9,15%	(2,16%)	5,55%	9,53%	8,18%	7,04%
Satrix Inclusion & Diversity	(2,75%)	(3,96%)	9,87%	13,00%	5,30%	7,95%	-	-	-
Satrix Low Volatility	(1,39%)	1,49%	11,78%	19,53%	11,35%	10,22%	3,31%	-	-
Satrix Momentum	(1,86%)	3,79%	12,92%	19,62%	10,57%	10,37%	9,49%	-	-
Satrix Quality South Africa	(2,31%)	2,52%	12,27%	15,57%	12,06%	10,59%	7,09%	5,34%	-
Satrix Shari'ah Top 40	(8,69%)	(5,17%)	(5,50%)	0,02%	(6,02%)	0,31%	6,13%	5,34%	3,67%
Satrix Value Equity	(3,06%)	0,23%	3,25%	14,50%	7,95%	11,53%	10,58%	-	-
"Balanced" Portfolios									
Satrix MAPPS Growth	(2,62%)	0,52%	7,24%	13,04%	8,66%	8,82%	8,95%	5,31%	6,13%
Satrix MAPPS Protect	(0,93%)	1,05%	7,82%	11,92%	8,82%	8,51%	8,39%	5,99%	5,94%
"Fundamental" Value									
Satrix RAFI 40 Total Return	(4,78%)	(1,56%)	2,37%	11,43%	5,81%	9,52%	11,31%	8,06%	7,92%

**MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs) AND INDEX TRACKING UNIT TRUSTS
For Period Ended 29 November 2024 (Total Returns – dividends reinvested)**

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.
Broad Equity Market Access									
MSCI World Index (Rands)	4,82%	6,85%	8,95%	21,75%	23,28%	10,52%	15,40%	13,57%	13,85%
1invest MSCI EM Asia Index Feeder	(3,02%)	1,48%	0,14%	11,50%	13,56%	-	-	-	-
1invest MSCI World Index Feeder	4,80%	6,84%	8,98%	23,35%	25,06%	12,14%	17,02%	-	-
1invest S&P 500 Index Feeder	5,72%	9,82%	12,59%	28,75%	28,57%	14,40%	20,03%	-	-
10X Total World Feeder	4,48%	6,57%	8,35%	22,06%	22,82%	10,25%	-	-	-
10X S&P 500	5,90%	9,15%	12,73%	29,66%	28,76%	14,21%	19,73%	18,26%	-
Easy ETF AMI Big50 ex-SA	Suspended	-	-	-	-	-	-	-	-
FNB Global 1200 Equity Fund of Funds	4,05%	6,26%	8,20%	23,12%	24,12%	11,72%	16,44%	14,40%	-
FNB MSCI Emerging Markets Feeder	(2,42%)	0,26%	(0,74%)	-	-	-	-	-	-
FNB MSCI World Feeder	4,70%	6,80%	9,09%	-	-	-	-	-	-
FNB S&P 500 Feeder	5,75%	9,94%	12,58%	-	-	-	-	-	-
Satrix MSCI ACWI Feeder (All Country World Index)	3,96%	2,16%	3,92%	-	-	-	-	-	-
Satrix MSCI China	(4,65%)	14,71%	3,32%	10,60%	8,53%	(5,36%)	-	-	-
Satrix MSCI Emerging Markets Feeder	(2,40%)	0,37%	(0,82%)	8,79%	13,09%	2,68%	8,32%	6,16%	-
Satrix MSCI Emerging Markets ESG Enhanced	(2,65%)	0,74%	0,56%	8,35%	11,36%	0,63%	-	-	-
Satrix MSCI India Feeder	0,53%	(4,49%)	1,23%	19,79%	17,34%	-	-	-	-
Satrix MSCI World Equity Feeder	4,81%	7,01%	9,19%	24,42%	25,19%	12,04%	17,12%	15,39%	-
Satrix MSCI World ESG Enhanced	4,95%	6,94%	9,78%	23,96%	24,23%	10,54%	-	-	-

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For Period Ended 29 November 2024 (Total Returns – dividends reinvested)

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.
Satrix Nasdaq 100	4,09%	10,25%	9,65%	27,41%	39,48%	12,72%	25,44%	-	-
Satrix S&P 500 Feeder	5,77%	10,02%	12,82%	30,01%	28,75%	14,30%	20,23%	18,68%	-
Sygnia Itrix Emerging Markets 50	(4,01%)	3,17%	1,54%	14,67%	16,27%	0,21%	-	-	-
Sygnia Itrix Eurostoxx 50	(2,92%)	(6,02%)	(8,15%)	4,54%	17,16%	8,84%	10,80%	8,90%	9,81%
Sygnia Itrix FTSE 100	0,99%	(2,41%)	(0,24%)	11,26%	14,46%	10,46%	9,27%	8,05%	8,18%
Sygnia Itrix MSCI Japan	3,91%	(1,74%)	(0,32%)	9,45%	16,35%	5,97%	8,99%	7,66%	10,70%
Sygnia Itrix MSCI USA	6,13%	10,43%	12,95%	29,59%	28,37%	13,01%	19,53%	18,07%	17,90%
Sygnia Itrix MSCI World	4,78%	6,91%	8,96%	23,87%	24,60%	11,52%	16,71%	15,12%	15,30%
Sygnia Itrix S&P Global 1200 ESG	3,80%	5,62%	7,59%	21,67%	23,51%	11,46%	-	-	-
Sygnia Itrix S&P 500	5,75%	9,99%	12,76%	29,86%	28,66%	14,24%	20,17%	18,57%	-
Sygnia Itrix S&P New China Sectors	(3,66%)	15,80%	1,46%	0,02%	3,36%	-	-	-	-
Foreign Bonds									
1invest Global Government Bond Index Feeder	2,56%	(0,31%)	2,04%	(1,36%)	4,14%	(2,34%)	1,00%	-	-
Invest ICE US Treasury Short Bond Index Feeder	2,54%	2,71%	1,12%	1,08%	8,06%	-	-	-	-
FNB US Dollar Custodian Certificate (10 Year)	1,43%	1,09%	2,01%	1,32%	6,81%	2,80%	4,73%	5,52%	-
FNB US Dollar Custodian Certificate (2 Year)	2,25%	2,54%	2,02%	1,83%	7,85%	5,40%	5,71%	5,50%	-
FNB World Government Bond	2,57%	(0,06%)	2,16%	(0,45%)	4,54%	(2,46%)	0,87%	-	-
Satrix Global Aggregate Bond	2,56%	0,17%	2,33%	0,81%	6,18%	(0,52%)	-	-	-
Satrix S&P Namibia Bond	1,82%	3,39%	14,03%	16,55%	15,81%	13,60%	11,41%	-	-

MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs) AND INDEX TRACKING UNIT TRUSTS
For Period Ended 29 November 2024 (Total Returns – dividends reinvested)

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 Listed Property									
1Invest Global REIT Index Feeder	3,52%	3,75%	14,69%	17,26%	12,53%	2,55%	5,40%	-	-
10X S&P Global Property	4,42%	5,50%	16,61%	21,02%	15,51%	3,49%	6,95%	7,51%	-
Reitway Global Property Diversified Prescient (RWDVF)	3,83%	3,96%	16,23%	17,57%	-	-	-	-	-
Reitway Global Property ESG Prescient (RWESG)	3,74%	3,07%	15,99%	20,64%	-	-	-	-	-
Reitway Global Property Prescient (RWGPR)	4,56%	3,93%	16,37%	22,60%	-	-	-	-	-
Sygnia Itrix Global Property	4,37%	5,47%	16,64%	21,13%	15,78%	3,70%	7,46%	7,95%	-
Foreign Thematic									
1Invest MSCI World SRI Feeder	6,08%	7,24%	10,22%	17,32%	21,92%	-	-	-	-
1Invest S&P 500 Info Tech Index Feeder	1,76%	8,94%	9,93%	34,81%	47,33%	20,29%	29,91%	-	-
10X S&P Global Dividend Aristocrat	3,89%	4,09%	7,75%	14,96%	13,98%	8,16%	10,96%	-	-
Satrix Global Infrastructure	6,01%	6,04%	12,19%	18,18%	11,35%	8,42%	-	-	-
Satrix Healthcare Innovation Feeder	3,53%	0,43%	5,23%	14,87%	6,33%	-	-	-	-
Satrix MSCI World Islamic Feeder	3,54%	-	-	-	-	-	-	-	-
Satrix Smart City Infrastructure Feeder	3,45%	4,98%	6,13%	20,36%	19,04%	-	-	-	-

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For Period Ended 29 November 2024 (Total Returns – dividends reinvested)

	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.
COMMODITIES – ETFs									
1Invest Gold	(2,10%)	7,09%	11,10%	26,34%	26,47%	18,06%	17,23%	15,03%	13,59%
1Invest Palladium	(19,52%)	0,19%	(2,65%)	(9,37%)	(25,97%)	(16,10%)	(8,70%)	2,78%	6,46%
1Invest Platinum	(8,74%)	1,27%	(11,70%)	(2,56%)	(0,55%)	2,34%	4,87%	3,51%	2,12%
1Invest Rhodium	(3,60%)	(0,09%)	(1,17%)	3,72%	(37,48%)	(28,02%)	(1,88%)	21,05%	-
Absa NewGold	(2,25%)	7,06%	10,95%	26,12%	26,39%	18,01%	17,19%	14,97%	13,52%
Absa NewGold Palladium	(18,01%)	4,36%	(0,38%)	(6,85%)	(24,78%)	(15,40%)	(8,29%)	3,17%	6,73%
Absa NewPlatinum	(8,75%)	1,49%	(11,82%)	(2,14%)	(0,12%)	2,37%	4,92%	3,55%	2,10%
COMMODITIES – ETNS									
Absa NewWave Platinum	(8,67%)	0,21%	(11,96%)	(3,57%)	(0,96%)	2,05%	4,38%	3,34%	2,10%
Absa NewWave Silver	(8,85%)	5,00%	(5,06%)	17,98%	22,65%	13,61%	16,95%	12,87%	11,68%
Standard Bank Copper	(3,31%)	(0,38%)	(16,08%)	8,84%	12,38%	4,08%	-	-	-
Standard Bank Oil	4,99%	(3,62%)	(9,07%)	(3,31%)	6,12%	19,21%	-	-	-
CURRENCIES – ETNS									
Absa NewWave EURO	(0,05%)	(2,19%)	(2,60%)	(2,95%)	7,37%	3,75%	4,74%	3,27%	3,96%
Absa NewWave Pound	0,04%	(0,73%)	0,26%	2,09%	10,87%	5,52%	5,99%	4,75%	3,96%
Absa NewWave US Dollar	2,35%	3,05%	1,03%	2,81%	7,92%	7,42%	6,50%	6,19%	6,68%

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For Period Ended 29 November 2024 (Total Returns – dividends reinvested)

	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.
ACTIVELY MANAGED ETFs (AMETFs)									
10X All Asia AMETF	(1,67%)	2,40%	2,22%	14,91%	-	-	-	-	-
10X Income AMETF	0,80%	1,92%	7,58%	11,36%	-	-	-	-	-
27four Global Multi-Factor Equity AMETF	(3,21%)	1,13%	-	-	-	-	-	-	-
27four Large Cap Equity AMETF	(3,50%)	0,91%	-	-	-	-	-	-	-
27four SA Multi-Factor Equity AMETF	(3,21%)	1,13%	-	-	-	-	-	-	-
Coronation Global Capital Plus Prescient Feeder AMETF (COGCAP)	3,70%	4,75%	-	-	-	-	-	-	-
Coronation Global Emerging Markets Prescient Feeder AMETF (COGEM)	(2,54%)	5,71%	-	-	-	-	-	-	-
Coronation Global Equity Select Prescient Feeder AMETF (COGES)	12,23%	19,53%	-	-	-	-	-	-	-
Coronation Global Managed Prescient Feeder AMETF (COGMAN)	8,49%	12,47%	-	-	-	-	-	-	-
Coronation Global Opportunities Equity Prescient Feeder AMETF (COGOE)	7,98%	-	-	-	-	-	-	-	-
Coronation Global Optimum Growth Prescient Feeder AMETF (COOPTI)	2,96%	8,41%	-	-	-	-	-	-	-
Coronation Global Strategic USD Income Prescient Feeder AMETF (COUSDI)	2,04%	2,96%	-	-	-	-	-	-	-
Coresolutions Wealth Global Equity AMETF (PCWGE)	-	-	-	-	-	-	-	-	-
EasyETFs AI World AMETF	20,69%	-	-	-	-	-	-	-	-

MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs) AND INDEX TRACKING UNIT TRUSTS
For Period Ended 29 November 2024 (Total Returns – dividends reinvested)

	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.
ETFSA Balanced Foundation Prescient AMETF	0,59%	2,97%	-	-	-	-	-	-	-
Prescient Income Provider (PIP) Feeder AMETF	1,21%	2,86%	7,12%	-	-	-	-	-	-
Prescient Numoro AQUA Actively Managed AMETF	2,37%	3,07%	4,72%	-	-	-	-	-	-
Prescient PortfolioMetrix Active Income Prescient AMETF	1,88%	3,89%	14,13%	-	-	-	-	-	-
Reitway Global Property Actively Managed Prescient AMETF (RWAGP)	2,95%	2,78%	14,50%	13,34%	-	-	-	-	-
Sygnia Itrix 4 th Industrial Revolution AMETF	4,44%	10,83%	9,42%	21,63%	16,50%	(2,26%)	13,20%	-	-
Sygnia Itrix FANG.AI Actively Managed AMETF	3,73%	13,43%	12,63%	40,13%	-	-	-	-	-
Sygnia Itrix Health Innovation AMETF	(0,21%)	(7,00%)	0,28%	9,35%	8,59%	6,98%	-	-	-
Vunani Global Equity Prescient Feeder AMETF (VUNGLE)	3,38%	-	-	-	-	-	-	-	-

MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs) AND INDEX TRACKING UNIT TRUSTS
For Period Ended 29 November 2024 (Total Returns – dividends reinvested)

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 – Index Tracking ETNs									
iShares Global Clean Energy Index (Compo)	(4,98%)	(13,24%)	(19,58%)	(15,60%)	(20,43%)	(16,95%)	-	-	-
iShares Global Clean Energy Index (Quanto)	(7,00%)	(14,56%)	(18,66%)	(12,66%)	(22,05%)	(19,30%)	-	-	-
iShares Global Water Index (Compo)	3,55%	0,92%	1,00%	16,18%	14,52%	4,18%	-	-	-
iShares Global Water Index (Quanto)	1,56%	(0,54%)	2,98%	20,50%	12,31%	1,36%	-	-	-
iShares Core MSCI World Index ETF (Compo)	4,25%	5,83%	8,13%	22,85%	23,67%	11,11%	-	-	-
iShares Core MSCI World Index ETF (Quanto)	2,19%	4,28%	10,22%	27,40%	21,29%	8,05%	-	-	-
UBS MSCI World Socially Responsible Index (Compo)	5,76%	7,05%	8,82%	23,92%	25,55%	8,73%	-	-	-
UBS MSCI World Socially Responsible Index (Quanto)	3,24%	5,20%	10,78%	28,17%	23,01%	5,63%	-	-	-
Union Bank of Switzerland (UBS AG)									
Themed Index Tracking ETNs									
BIOTEC – Bloomberg Transatlantic Top 50	(2,13%)	(7,16%)	9,72%	9,70%					
ULUXSE - Bloomberg Luxury Series Luxury	5,11%	6,43%	(2,39%)	2,16%	-	-	-	-	-
OILGAS - Bloomberg Eurozone DM Top 10 Oil & Gas	(6,88%)	(13,97%)	(18,41%)	(16,12%)	-	-	-	-	-
USPACE - Bloomberg Euronext Helios Space	0,81%	(4,22%)	(8,89%)	9,92%					
UBSSXF EURO STOXX 50 Net Total Return Index	(4,03%)	(6,53%)	(8,74%)	4,59%	17,19%	9,50%	-	-	-
UBSUKX FTSE 100 Index	0,27%	(2,76%)	(0,40%)	12,03%	18,08%	11,81%	-	-	-
UEMERG MSCI Emerging Market Net Total Return Index	(3,37%)	0,13%	(1,40%)	8,51%	11,64%	2,43%	-	-	-
UJAPAN MSCI Japan Net Total Return Index	3,92%	(1,47%)	(0,03%)	11,99%	19,37%	-	-	-	-
UBNDDU MSCI USA Net Total Return Index	6,62%	10,97%	13,52%	31,02%	28,87%	14,06%	-	-	-

MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs) AND INDEX TRACKING UNIT TRUSTS
For Period Ended 29 November 2024 (Total Returns – dividends reinvested)

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.
UESGWL MSCI World ESG Leaders Net Total Return Index	3,88%	5,37%	7,07%	22,47%	24,90%	11,82%	-	-	-
UWORLD MSCI World Net Total Return Index	4,35%	6,21%	8,81%	24,00%	24,81%	14,42%	-	-	-
UBSNDX Nasdaq-100 Net Total Return Index	4,57%	8,72%	9,76%	27,05%	37,11%	13,70%	-	-	-
UBDAUD S&P 500 Dividend Aristocrats Net Total Return Index	6,14%	7,55%	10,94%	20,20%	14,06%	11,25%	-	-	-
UBLVHD S&P 500 Low Volatility High Dividend Net Total Return Index	5,31%	7,81%	16,07%	28,79%	14,00%	13,36%	-	-	-
UBSSNP S&P 500 Net Total Return Index	6,02%	9,49%	12,97%	29,79%	28,65%	14,81%	-	-	-
UBRAIC S&P Kensho New Economy RAIC Net Total Return Index	8,86%	10,51%	7,53%	16,48%	6,85%	(4,00%)	-	-	-
UBDATA Solactive Big Data Net Total Return Index	27,13%	37,68%	37,34%	57,89%	39,18%	4,33%	-	-	-
UBTECU Solactive Fintech 20 Net Total Return Index	13,56%	21,68%	26,00%	50,45%	38,48%	7,45%	-	-	-
UBFAMU Solactive Global Family-Owned Companies Total Return Index	0,82%	(0,49%)	1,36%	9,47%	12,50%	7,25%	-	-	-
UBGURU Solactive Guru Net Total Return Index	11,71%	18,02%	22,84%	40,80%	27,88%	7,35%	-	-	-
UBROBO Solactive Robotics and Drones Net Total Return Index	12,61%	10,46%	(6,27%)	(13,06%)	7,64%	(6,83%)	-	-	-
METVRS - UBS MSCI USA IMI Metaverse	10,00%	17,20%	17,62%	45,07%	-	-	-	-	-

MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs) AND INDEX TRACKING UNIT TRUSTS
For Period Ended 29 November 2024 (Total Returns – dividends reinvested)

ACTIVELY MANAGED CERTIFICATES (AMCs)	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.
Absa Bank Actively Managed Certificates (AMCs)									
ABAM1 - Absa 1invest Equity	(0,39%)	1,44%	-	-	-	-	-	-	-
Standard Bank Actively Managed Certificates (AMCs)									
AMC001 – AAM Multi Strategy Equity Portfolio	0,53%	2,31%	9,52%	16,51%	-	-	-	-	-
AMC002 – High Street Offshore Yielding Portfolio	3,21%	1,62%	3,97%	12,69%	-	-	-	-	-
AMC003 – ClucasGray AM Focussed Equity Portfolio	(2,36%)	(1,55%)	9,24%	9,02%	-	-	-	-	-
AMC004 – Blue Horseshoe Equity Portfolio	0,88%	7,07%	11,32%	35,30%	-	-	-	-	-
AMC005 – NVest Stable Portfolio	1,15%	3,47%	10,16%	17,58%	-	-	-	-	-
AMC006 - NVest Balanced Portfolio	0,74%	3,81%	9,65%	15,23%	-	-	-	-	-
AMC007 – High Street Wealth Warriors High Equity Portfolio	8,18%	15,31%	15,16%	38,97%	-	-	-	-	-
AMC008 – Anchor Equity Opportunity Reference Portfolio	2,80%	3,87%	13,03%	12,82%	-	-	-	-	-
AMC009 – Baobab Equity Portfolio	(2,40%)	(0,73%)	7,54%	19,71%	-	-	-	-	-
AMC010 – Standard Stockbroking Global Equity AMC Portfolio	1,63%	2,02%	2,02%	12,20%	-	-	-	-	-
AMC011 – Standard Stockbroking Global Equity ETF AMC Reference Portfolio	3,77%	5,84%	3,67%	13,30%	-	-	-	-	-
AMC012 – NVest Global Portfolio	4,14%	6,14%	6,41%	18,70%	-	-	-	-	-
AMC013 – Kudala Wealth Honey Badger AMC Reference Portfolio	1,46%	1,58%	2,26%	-	-	-	-	-	-

MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs) AND INDEX TRACKING UNIT TRUSTS
For Period Ended 29 November 2024 (Total Returns – dividends reinvested)

ACTIVELY MANAGED CERTIFICATES (AMCs)	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.
UBS Actively Managed Certificates (AMCs)									
UABSPA – Absa (Global Private Client)	1,90%	3,54%	4,19%	10,58%	13,97%	6,16%	8,46%	-	-
UPCHPA – Absa (Global Equity)	2,11%	3,64%	4,68%	14,88%	18,34%	8,06%	12,24%	-	-
UA8GRO – Activ8 Growth Portfolio	0,86%	3,85%	5,16%	-	-	-	-	-	-
UABCPA – AnBro Capital (Global Unicorn Equity)	8,77%	6,97%	3,89%	17,71%	18,68%	(9,18%)	9,39%	-	-
ANCOMP – AnBro Dynamic Compound Portfolio	2,30%	1,56%	5,50%	7,97%	-	-	-	-	-
BRNDZ – AnBro World’s Biggest Brands Portfolio	3,58%	7,31%	9,01%	18,70%	-	-	-	-	-
BAMGCF – Boutique Global Champions Portfolio	3,69%	-	-	-	-	-	-	-	-
CLPASI – Capital Link Partners Asia Portfolio	(0,19%)	(0,03%)	(0,07%)	2,80%	-	-	-	-	-
ASIAGR – Capital Link Partners Asia Growth Portfolio	(1,98%)	(1,42%)	0,33%	3,87%	-	-	-	-	-
UCIGEP – Cast Iron Global Special Situation Equity	2,52%	12,36%	21,51%	32,74%	-	-	-	-	-
CCMGCZ – Coherent Capital (Global Commodity Investment Portfolio)	(1,46%)	1,19%	(11,23%)	1,91%	-	-	-	-	-
FUELZA – Coherent Fuel Hedge Portfolio	1,12%	0,25%	1,38%	-	-	-	-	-	-
DNKOPP – Denker Capital (Small Cap Opportunities Portfolio)	1,86%	8,08%	23,69%	28,49%	-	-	-	-	-
DNKGLO – Denker Global Opportunities Portfolio	3,78%	0,79%	-	-	-	-	-	-	-
UEFPCA – Efficient Group SA	3,30%	4,48%	5,53%	10,62%	14,88%	3,91%	8,67%	-	-
UEFPCL – Efficient Clients Local Model Portfolio	(2,30%)	1,35%	8,75%	17,91%	-	-	-	-	-
UEXGEP – Excelsia (Global Equity)	1,34%	3,71%	2,24%	18,05%	26,29%	11,12%	-	-	-
FNBGEG – FNB Equity Growth (Global Equity)	5,54%	10,10%	6,88%	28,87%	25,41%	12,29%	-	-	-
FNBGSE – FNB (Global Equity)	1,89%	4,16%	6,06%	14,08%	22,96%	12,63%	-	-	-
FNBLSP – FNB Local Select Portfolio	(11,08%)	(4,22%)	3,94%	0,26%	-	-	-	-	-

MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs) AND INDEX TRACKING UNIT TRUSTS
For Period Ended 29 November 2024 (Total Returns – dividends reinvested)

ACTIVELY MANAGED CERTIFICATES (AMCs)	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.
GIMLPC – Grovepoint Private Credit	6,61%	6,04%	5,03%	14,05%	17,19%	-	-	-	-
ISGLOB – Independent Investment Solutions Global Strategy Portfolio	2,64%	4,01%	5,67%	17,91%	-	-	-	-	-
MERGE – Mergence Global Quant Equity Portfolio	7,04%	8,84%	9,89%	25,42%	-	-	-	-	-
UMMIEA – Momentum (Global Equity)	0,07%	4,10%	7,03%	12,61%	8,81%	2,78%	5,09%	-	-
UMMIEB – Momentum (Global Equity)	0,13%	4,26%	7,34%	13,20%	9,29%	3,31%	5,50%	-	-
UMMIES – Momentum Securities Global Select Portfolio (Islamic)	(1,35%)	(1,21%)	0,59%	(0,53%)	6,45%	0,35%	7,24%	-	-
UNPWGP - Nedbank Private Wealth Global Portfolio	4,27%	-	-	-	-	-	-	-	-
UOMWPA – Old Mutual Wealth Global Portfolio	2,88%	1,20%	0,97%	8,33%	15,29%	4,17%	12,81%	-	-
UBRAND – Private Client Global Brands Portfolio	0,57%	1,73%	3,57%	7,25%	-	-	-	-	-
MRPWMB – PWM Balanced Portfolio	2,51%	(9,66%)	-	-	-	-	-	-	-
SAAGG – SAAM Global Growth Portfolio	4,00%	3,56%	3,46%	13,48%	-	-	-	-	-
SAALG – SAAM Local Growth Portfolio	(4,29%)	(0,94%)	3,74%	7,14%	-	-	-	-	-
SBTGFP – SBT Global Flexible Portfolio	3,45%	3,58%	4,28%	19,74%	-	-	-	-	-
USQCPA – Strategiq (Global Equity)	0,98%	0,66%	(0,10%)	7,23%	12,07%	(0,78%)	9,90%	-	-
UUQUAD – Unum Quadmatic SA Equity Portfolio	(3,07%)	(0,03%)	7,33%	10,79%	-	-	-	-	-
UUSMC – Unum Small/MidCap SA Equity Portfolio	(2,60%)	3,45%	12,14%	15,87%	-	-	-	-	-
UUGSMC Unum Global Small/Mid Cap Equity Portfolio	4,04%	4,67%	6,20%	20,44%	-	-	-	-	-

MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs) AND INDEX TRACKING UNIT TRUSTS
For Period Ended 29 November 2024 (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)	(3,85%)	0,22%	13,57%	10,15%	13,12%	9,09%
1invest ALSI 40 Fund	(3,89%)	0,07%	12,85%	9,40%	12,54%	8,54%
Camissa Top 40 Tracker Fund	(3,73%)	0,24%	12,56%	8,92%	12,94%	8,49%
Satrix Equally Weighted Top 40 Index Fund	(4,90%)	(1,45%)	12,36%	9,90%	12,16%	6,07%
Satrix Top 40 Index Fund	(3,88%)	(0,12%)	12,59%	9,33%	12,23%	8,24%
Sygnia Top 40 Index Fund	(3,25%)	0,77%	13,35%	9,70%	12,41%	8,36%
BOND INDEX TRACKING UNIT TRUSTS (Total Return)						
1invest ALBI Tracker Fund	2,41%	4,00%	18,49%	11,03%	9,50%	-
1invest Inflation-Linked Bond Tracker Fund	0,75%	0,83%	8,40%	6,93%	6,95%	-
Satrix Bond Index Fund	2,41%	3,99%	18,40%	10,99%	9,40%	7,90%
Sygnia All Bond Index Fund	2,36%	3,97%	18,26%	11,20%	9,57%	-
PROPERTY INDEX TRACKING UNIT TRUSTS (Total Return)						
FTSE/JSE SA Listed Property Index (SAPY)	(0,23%)	3,87%	41,43%	15,70%	4,55%	3,19%
Satrix Property Index Fund	(0,19%)	3,76%	40,63%	15,02%	4,07%	2,74%
Sygnia Listed Property Index Fund	(0,39%)	3,96%	41,40%	15,19%	4,00%	2,76%

MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs) AND INDEX TRACKING UNIT TRUSTS
For Period Ended 29 November 2024 (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 ALL SHARE INDEX (Total Return)	(3,10%)	1,52%	16,49%	10,75%	12,96%	9,04%
1invest Index Fund	3,12%	1,05%	16,17%	9,92%	10,79%	6,84%
Gryphon All Share Tracker Fund	(2,78%)	2,74%	16,15%	11,10%	12,83%	8,71%
Satrix ALSI Index Fund	(3,14%)	1,40%	15,96%	10,31%	12,44%	8,40%
Satrix RAFI 40 Index Fund	(4,80%)	(1,64%)	11,10%	9,71%	11,49%	8,01%
Satrix Momentum Index Fund	(1,84%)	3,71%	19,29%	10,20%	9,27%	7,75%
Old Mutual RAFI 40 Index Fund	(4,69%)	(1,48%)	10,97%	9,66%	11,53%	8,09%
Satrix Balanced Index Fund	0,67%	2,94%	17,74%	10,62%	11,30%	8,57%
Satrix Low Equity Balanced Index Fund	1,71%	3,28%	15,53%	9,22%	9,59%	7,64%
Satrix Dividend Plus Index Fund	(3,59%)	0,61%	8,92%	5,09%	9,21%	6,64%
Sygnia Dividend Index Fund	(3,39%)	0,93%	9,43%	6,06%	9,77%	7,64%
MSCI World Index (Rands)	4,82%	6,85%	21,75%	10,52%	15,40%	13,65%
1invest S&P 500 Index Feeder Fund	5,73%	9,78%	28,56%	14,19%	19,71%	-
1invest S&P 500 Info Tech Feeder Fund	1,72%	8,86%	34,30%	20,14%	29,43%	-
1invest MSCI World Index Feeder Fund	4,80%	6,84%	23,35%	12,14%	17,02%	-
1invest Global Govt. Bond Index Feeder	2,56%	(0,31%)	(1,36%)	(2,34%)	1,00%	-
1invest Global REIT Index Feeder	3,52%	3,75%	17,26%	2,55%	5,40%	-
Old Mutual FTSE RAFI All World Index Fund	3,35%	4,17%	18,01%	11,38%	13,27%	11,79%
Satrix MSCI World Equity Index Feeder Fund	4,76%	6,89%	23,57%	11,63%	16,07%	14,51%
Sygnia Transnational Equities Fund	(4,20%)	(2,47%)	3,34%	5,72%	7,31%	5,31%

Source: [etfSA.co.za / Profile Media – Funds Data](https://etfSA.co.za/ProfileMedia-FundsData) (29/11/2024)

Annexure

MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs) AND INDEX TRACKING UNIT TRUSTS For Period Ended 29 November 2024 (Total Returns – dividends reinvested)									
SINGLE STOCK PASSIVE 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									
Adobe Inc (Compo)	7,89%	(9,08%)	6,61%	(20,84%)	27,84%	(6,00%)	-	-	-
Adobe Inc (Quanto)	5,89%	(10,33%)	8,77%	(17,82%)	25,46%	(8,45%)	-	-	-
Alphabet Inc (Compo)	1,85%	3,28%	(6,13%)	17,65%	35,36%	8,02%	-	-	-
Alphabet Inc (Quanto)	0,02%	1,81%	(4,26%)	22,23%	32,83%	5,18%	-	-	-
Amazon.com Inc (Compo)	11,34%	1,81%	(4,26%)	22,23%	32,83%	5,18%	-	-	-
Amazon.com Inc (Quanto)	8,90%	18,18%	13,15%	38,67%	48,23%	4,94%	-	-	-
Apple Inc (Compo)	2,91%	2,96%	20,46%	18,71%	31,11%	17,29%	-	-	-
Apple Inc (Quanto)	0,82%	1,33%	23,16%	23,01%	28,55%	14,15%	-	-	-
Berkshire Hathaway Inc (Compo)	8,68%	5,54%	17,60%	29,13%	26,95%	22,81%	-	-	-
Berkshire Hathaway Inc (Quanto)	6,24%	3,67%	18,83%	33,87%	24,34%	19,45%	-	-	-
Booking Holdings Inc (Compo)	20,63%	35,48%	34,43%	-	-	-	-	-	-
Booking Holdings Inc (Quanto)	18,38%	33,67%	37,35%	-	-	-	-	-	-
Coca Cola Company (Compo)	(1,45%)	(8,19%)	2,52%	8,71%	6,06%	11,74%	-	-	-
Coca Cola Company (Quanto)	(3,37%)	(9,54%)	4,56%	12,24%	4,05%	8,79%	-	-	-
Eli Lilly and Company (Compo)	(10,42%)	(15,15%)	(3,11%)	-	-	-	-	-	-
Eli Lilly and Company (Quanto)	(12,16%)	(16,40%)	(1,42%)	-	-	-	-	-	-
Facebook Inc (Compo)	(0,52%)	10,38%	17,64%	63,34%	132,61%	22,40%	-	-	-
Facebook Inc (Quanto)	(2,36%)	8,87%	20,60%	69,54%	128,22%	19,21%	-	-	-
Ford Motor Company (Compo)	10,27%	3,91%	(5,50%)	7,82%	(1,45%)	(10,32%)	-	-	-

MONTHLY PERFORMANCE SURVEY OF SOUTH AFRICAN ACTIVE AND PASSIVE EXCHANGE TRADED PRODUCTS (ETPs) AND INDEX TRACKING UNIT TRUSTS
For Period Ended 29 November 2024 (Total Returns – dividends reinvested)

SINGLE STOCK PASSIVE 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.
Ford Motor Company (Quanto)	7,42%	2,42%	(3,53%)	11,96%	(3,28%)	(12,68%)	-	-	-
Goldman Sachs Group Inc (Compo)	18,49%	23,64%	30,84%	79,88%	31,91%	22,55%	-	-	-
Goldman Sachs Group Inc (Quanto)	16,17%	21,81%	33,33%	86,59%	29,38%	19,28%	-	-	-
JP Morgan Chase and Co (Compo)	14,67%	16,43%	25,11%	60,51%	41,88%	22,06%	-	-	-
JP Morgan Chase and Co (Quanto)	12,44%	14,68%	27,61%	66,54%	39,18%	18,83%	-	-	-
McDonalds Corporation (Compo)	0,33%	4,33%	13,88%	3,35%	8,29%	10,63%	-	-	-
McDonalds Corporation (Quanto)	(1,65%)	2,97%	16,15%	7,05%	6,17%	7,67%	-	-	-
Microsoft Corporation (Compo)	(0,19%)	1,27%	(3,70%)	6,94%	35,53%	11,51%	-	-	-
Microsoft Corporation (Quanto)	(1,95%)	(0,20%)	(1,76%)	10,98%	32,97%	8,48%	-	-	-
Netflix Inc (Compo)	19,47%	28,70%	33,46%	77,41%	81,06%	12,90%	-	-	-
Netflix Inc (Quanto)	17,07%	26,80%	36,20%	84,05%	77,68%	9,89%	-	-	-
Nvidia Corporation (Compo)	(0,26%)	14,04%	19,92%	-	-	-	-	-	-
Nvidia Corporation (Quanto)	(2,78%)	12,12%	21,84%	-	-	-	-	-	-
Palo Alto Networks Inc (Compo)	8,58%	7,09%	20,93%	-	-	-	-	-	-
Palo Alto Networks Inc (Quanto)	6,44%	5,47%	23,25%	-	-	-	-	-	-
PayPal Holdings Inc (Compo)	24,41%	20,00%	35,04%	38,60%	5,24%	(20,29%)	-	-	-
PayPal Holdings Inc (Quanto)	9,84%	18,11%	37,66%	44,71%	3,09%	(22,45%)	-	-	-
Tesla Inc (Compo)	32,25%	62,72%	88,60%	30,12%	38,80%	(0,78%)	-	-	-
Tesla Inc (Quanto)	29,70%	60,00%	91,77%	34,82%	35,98%	(3,47%)	-	-	-
Visa Inc, Class A (Compo)	12,98%	17,14%	14,11%	20,41%	25,71%	20,85%	-	-	-
Visa Inc, Class A (Quanto)	10,59%	15,23%	16,22%	24,63%	23,18%	17,54%	-	-	-

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