



## Manager Watch™ Series of Surveys for the month ending July 2020

**AFRICA**  
GLOBAL FUNDS

Alexander Forbes Group winner of  
**BEST INVESTMENT SURVEY PROVIDER**  
for 2019 at the Africa Global Funds Awards.

  
**ALEXANDERFORBES**  
Securing your financial well-being

# S.A. MANAGER WATCH™ SURVEY - BEST INVESTMENT VIEW

Objective - The portfolios are balanced (i.e. multiple asset class) portfolios, subject to the restrictions imposed by Regulation 28 of the Pension Funds Act and are confined to investing in South Africa only. These portfolios represent the managers' best investment view.

	GIPS™ (Verified/ Compliant)	Portfolio Type	Regulation 28 Compliant Certification (Y/N)	Benchmark Description	Admin - efficiency : Date data submitted	No.of funds in composite	Portfolio Size (R m)
Absa Asset Management Domestic Balanced	V	Segregated	Y	65% FTSE/JSE Capped Swix; 35% I2050	04 August 2020	1	404
Aeon Local Balanced Fund	C	Segregated	Y	CPI +5%	12 August 2020	1	802
Alexander Forbes Investments Performer Local	n/a	Pooled	Y	SA LMW Median	14 August 2020	n/a	4 065
Allan Gray	V	Segregated	Y	SA LMW Average	06 August 2020	13	33 859
Bridge Managed Growth Fund		Pooled		CPI + 6% p.a. over rolling 60-month periods	13 August 2020	3	1 028
Coronation Domestic Mandate	V	Segregated	Y	SA LMW Median	13 August 2020	11	8 288
Foord Domestic Balanced	C	Segregated	Y	65% ALSI, 5% PROP, 25% ALBI, 5% STFCAD	04 August 2020	6	29 231
Nedgroup Investments (Truffle) Managed Fund	n/a	Unit Trust	Y	ASISA SA MA High Equity	14 August 2020	n/a	1 010
Ninety One Segregated Domestic Mandate	V	Segregated	Y	SA LMW Median	13 August 2020	16	30 930
Perpetua Domestic Balanced	V	Segregated	Y	70% Capped SWIX, 20% ALBI, 5% CILI, 5% STeFI	17 August 2020	1	334
Prudential Domestic Balanced	V	Segregated	Y	SA LMW Median	04 August 2020	6	30 295
STANLIB AM	V	Segregated	Y	SA BIV Median	17 August 2020	1	261
				<b>Total</b>			140 507

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**BEE AND ESG DETAILS AS AT THE END OF JULY 2020**

Manager	Empowerment Rating	Total empowerment Shareholding (%)	Empowerment Shareholding		We endorse / are signatories to:	
			Ownership/Partner(s)	Empowerment shareholding composition as a percentage of total empowerment ownership	CRISA (Code for Responsible Investing in South Africa)	PRI (United Nations Principles for Responsible Investing)
Absa Asset Management	Level 1	12.88%	Absa Group Limited	100.00%	Yes	Yes
Aeon Investment Management	Level 1	95.00%	Aeon Investment Management Staff Share Trust ZAR Trust	30.00% 70.00%	Yes	Yes
Alexander Forbes Investments	Level 2	57.07%	Flow-through from Alexander Forbes Group Holdings	100.00%	Yes	Yes
Allan Gray	Level 3	31.80%	E2 Investments Proprietary Limited Employee Empowerment Share Trust	55.97% 44.03%	Yes	Yes
Ashburton	Level 1	*	*	*	Yes	Yes
Balondolzi Investment Services	Level 2	57.85%	Balondolzi Employee Trust Fund Pedro Samuel Family Trust Royal Investment Managers	30.00% 40.00% 30.00%	Yes	No
Bridge	Level 2	48.71%	Flow through from Grindrod Limited	100.00%	Yes	No
Cadiz Asset Management	N/A	0.00%	*	*	Yes	No
ClucasGray	Level 4	0.00%	None	0.00%	No	No
Coronation Asset Management	Level 2	30.16%	Black Staff Black-non-staff Imvula	32.23% 10.78% 57.00%	Yes	Yes
Foord Asset Management	Level 8	0.00%	*	*	Yes	No
Kagiso Asset Management	Level 1	61.71%	Kagiso Asset Management staff Kagiso Tiso Holdings	49.90% 50.10%	Yes	Yes
Laurium Capital	Level 5	0.48%	Black Staff	100.00%	No	Yes
Momentum	Level 1	24.24%	Empowerment Partner Firststrand Trust Kagiso Tiso Rand Merchant Insurance ( Royal Bafokeng)	41.47% 13.92% 30.29% 14.33%	Yes	Yes
Nedgroup Investments	Level 1	28.00%	Nedbank Limited	100.00%	Yes	No
Ninety One	Level 2	17.39%	Ninety One Limited	100.00%	Yes	Yes
NorthStar	N/A	0.00%	*	*	Yes	Yes
Oasis Group Holdings	Level 1	100.00%	Oasis Group Holdings (Pty) Ltd	100.00%	Yes	Yes
Obsidian Capital	*	*	*	*	*	*
Old Mutual Investment Group	Level 1	25.19%	Flow-through from Old Mutual Limited	100.00%	Yes	Yes
Old Mutual Multi-Managers	Level 1	22.60%	Flow-through from Old Mutual Life Assurance Company (SA)	100.00%	Yes	Yes
Perpetua Investment Managers	Level 2	88.41%	Perpetua staff RMI Investment Managers	85.00% 15.00%	Yes	Yes
Prescient Investment Management	Level 1	100.00%	Prescient Holdings (Pty) Ltd	100.00%	Yes	Yes
Prudential Investment Managers	Level 3	30.30%	Prudential Staff Thesele Group	27.40% 72.60%	Yes	Yes
PSG Asset Management	N/A	3.61%	Empowerment Shareholding	100.00%	Yes	No
Rezco	N/A	0.00%	*	*	Yes	No
Sanlam Investment Management	Level 2	39.72%	Flow-through from Sanlam Limited	100.00%	Yes	Yes
Sasfin Asset Managers	Level 1	25.00%	Sasfin Holdings Limited	100.00%	Yes	No
STANLIB Asset Management	Level 2	22.90%	Liberty Group	100.00%	Yes	Yes
STANLIB Multi Managers	Level 2	22.90%	Liberty Group	100.00%	Yes	Yes
Truffle	N/A	5.77%	RMI Investment Managers	100.00%	No	No

\*data not submitted

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INVESTMENT DATA TO THE END OF JULY 2020																								
PERFORMANCE DATA																								
	Month			Quarter			Year to Date			1 Year			3 Years (p.a.)			5 Years (p.a.)			7 Years (p.a.)			10 Years (p.a.)		
	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark
<b>INVESTMENT MANAGERS</b>																								
Absa Asset Management Domestic Balanced	-1.14%	12	0.84%	2.04%	11	3.19%	-12.74%	11	-10.42%	-12.69%	11	-9.50%	-2.15%	10	-0.55%	1.14%	8	2.06%	4.06%	7	5.02%	6.81%	8	7.63%
Ason Local Balanced Fund	1.91%	3	0.93%	8.41%	3	0.62%	-3.39%	3	4.12%	-1.24%	6	7.22%	*	*	*	*	*	*	*	*	*	*	*	*
Alexander Forbes Investments Performer Local	1.49%	5	1.37%	6.83%	7	6.93%	-4.42%	6	-6.70%	-1.21%	5	-3.15%	1.56%	5	1.39%	3.53%	3	2.98%	6.50%	3	5.61%	9.35%	4	8.28%
Allian Gray	1.34%	7	1.20%	5.90%	9	6.44%	-7.18%	8	-5.98%	-2.83%	7	-2.75%	0.97%	6	1.13%	4.68%	1	2.98%	6.97%	2	5.58%	8.95%	6	8.18%
Bridoa Managed Growth Fund	-0.44%	11	1.04%	1.97%	12	1.86%	-22.74%	12	5.83%	-24.86%	12	9.59%	-10.08%	11	10.50%	-4.34%	10	10.94%	*	*	*	*	*	*
Coronation Domestic Mandate	1.68%	4	1.37%	7.87%	5	6.93%	-3.69%	5	-6.70%	1.70%	3	-3.15%	1.66%	4	1.39%	3.30%	4	3.00%	6.21%	4	5.63%	9.39%	3	8.30%
Foord Domestic Balanced	0.76%	9	1.67%	6.14%	8	9.19%	-0.73%	2	-1.97%	3.24%	2	0.40%	1.78%	3	3.73%	2.41%	6	4.71%	5.95%	5	7.17%	10.05%	1	9.34%
Nedcoro Investments (Truillie) Managed Fund	4.29%	1	2.14%	8.47%	2	5.71%	0.72%	1	-0.07%	10.72%	1	3.27%	6.77%	1	3.14%	*	*	*	*	*	*	*	*	*
Ninety One Separated Domestic Mandate	3.16%	2	1.37%	8.11%	4	6.93%	-3.62%	4	-6.70%	1.08%	4	-3.15%	3.11%	2	1.99%	4.22%	2	3.00%	8.12%	1	5.63%	9.61%	2	8.30%
Perpetua Domestic Balanced	0.64%	10	2.21%	5.02%	10	8.21%	-10.82%	10	-5.14%	-6.32%	9	-2.28%	-1.34%	9	1.08%	1.62%	7	2.75%	*	*	*	*	*	
Prudential Domestic Balanced	1.40%	6	1.37%	8.59%	1	6.93%	-7.92%	9	-6.70%	-6.60%	10	-3.15%	0.36%	7	1.39%	2.64%	5	3.00%	5.56%	6	5.63%	9.04%	5	8.30%
STANLB AM	1.26%	8	1.37%	7.27%	6	6.96%	-4.71%	7	-5.03%	-4.17%	8	-1.69%	-0.82%	8	1.29%	0.45%	9	3.33%	3.19%	8	5.74%	7.22%	7	8.37%

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# S.A. MANAGER WATCH™ - BEST INVESTMENT VIEW

Objective - The portfolios are balanced (i.e. multiple asset class) portfolios, subject to the restrictions imposed by Regulation 28 of the Pension Funds Act and are confined to investing in South Africa only. These portfolios represent the managers' best investment view.

INVESTMENT DATA TO THE END OF JULY 2020														
RISK VS RETURN														
	Calculated on 3 year performance returns							Calculated on 5 year performance returns						
	3 Year Return (p.a.)	Rank	Volatility (Risk)	Rank	Active Return	Tracking Error	Sharpe Ratio	5 Year Return (p.a.)	Rank	Volatility (Risk)	Rank	Active Return	Tracking Error	Sharpe Ratio
Absa Asset Management Domestic Balanced	-2.15%	10	12.35%	5	-1.60%	4.40%	-0.75	1.14%	8	10.50%	4	-0.92%	3.87%	-0.57
Alexander Forbes Investments Performer Local	1.56%	5	11.71%	3	0.17%	1.89%	-0.47	3.53%	3	10.39%	3	0.56%	1.74%	-0.35
Allan Gray	0.97%	6	13.47%	8	-0.16%	2.28%	-0.45	4.68%	1	11.48%	7	1.70%	2.41%	-0.22
Bridge Managed Growth Fund	-10.08%	11	15.27%	11	-20.58%	15.59%	-1.13	-4.34%	10	13.30%	10	-15.28%	13.56%	-0.87
Coronation Domestic Mandate	1.66%	4	12.43%	6	0.27%	2.96%	-0.44	3.30%	4	11.41%	5	0.31%	3.23%	-0.34
Food Domestic Balanced	1.78%	3	10.18%	1	-1.94%	4.75%	-0.52	2.41%	6	8.97%	1	-2.30%	4.26%	-0.53
Nedgroup Investments (Truffle) Managed Fund	6.77%	1	11.84%	4	3.63%	3.95%	-0.03	*		*		*	*	*
Ninety One Segregated Domestic Mandate	3.11%	2	13.88%	9	1.71%	2.44%	-0.29	4.22%	2	12.00%	8	1.22%	2.41%	-0.25
Perpetua Domestic Balanced	-1.34%	9	12.77%	7	-2.43%	3.60%	-0.66	1.62%	7	11.43%	6	-1.13%	4.84%	-0.49
Prudential Domestic Balanced	0.36%	7	14.83%	10	-1.04%	2.50%	-0.45	2.64%	5	12.67%	9	-0.35%	2.29%	-0.36
STANLIB AM	-0.82%	8	11.09%	2	-2.11%	2.81%	-0.71	0.45%	9	9.28%	2	-2.88%	2.80%	-0.72
			<i>Lower volatility = higher ranking</i>								<i>Lower volatility = higher ranking</i>			
	STATISTICS													
Range	16.85%							9.02%						
Highest	6.77%		15.27%		3.63%	15.59%	-0.03	4.68%		13.30%		1.70%	13.56%	-0.22
Upper Quartile	1.72%		13.67%		0.22%	4.18%	-0.45	3.48%		11.87%		0.49%	4.16%	-0.34
Median	1.29%		12.43%		-1.04%	2.96%	-0.47	3.40%		11.42%		-0.63%	3.01%	-0.42
Average	0.20%		12.71%		-2.19%	4.29%	-0.54	2.46%		11.14%		-1.91%	4.14%	-0.47
Lower Quartile	-1.08%		11.78%		-2.03%	2.47%	-0.69	1.26%		10.42%		-2.01%	2.41%	-0.56
Lowest	-10.08%		10.18%		-20.58%	1.89%	-1.13	-4.34%		8.97%		-15.28%	1.74%	-0.87
Number of participants	11		11		11	11	11	10		10		10	10	10

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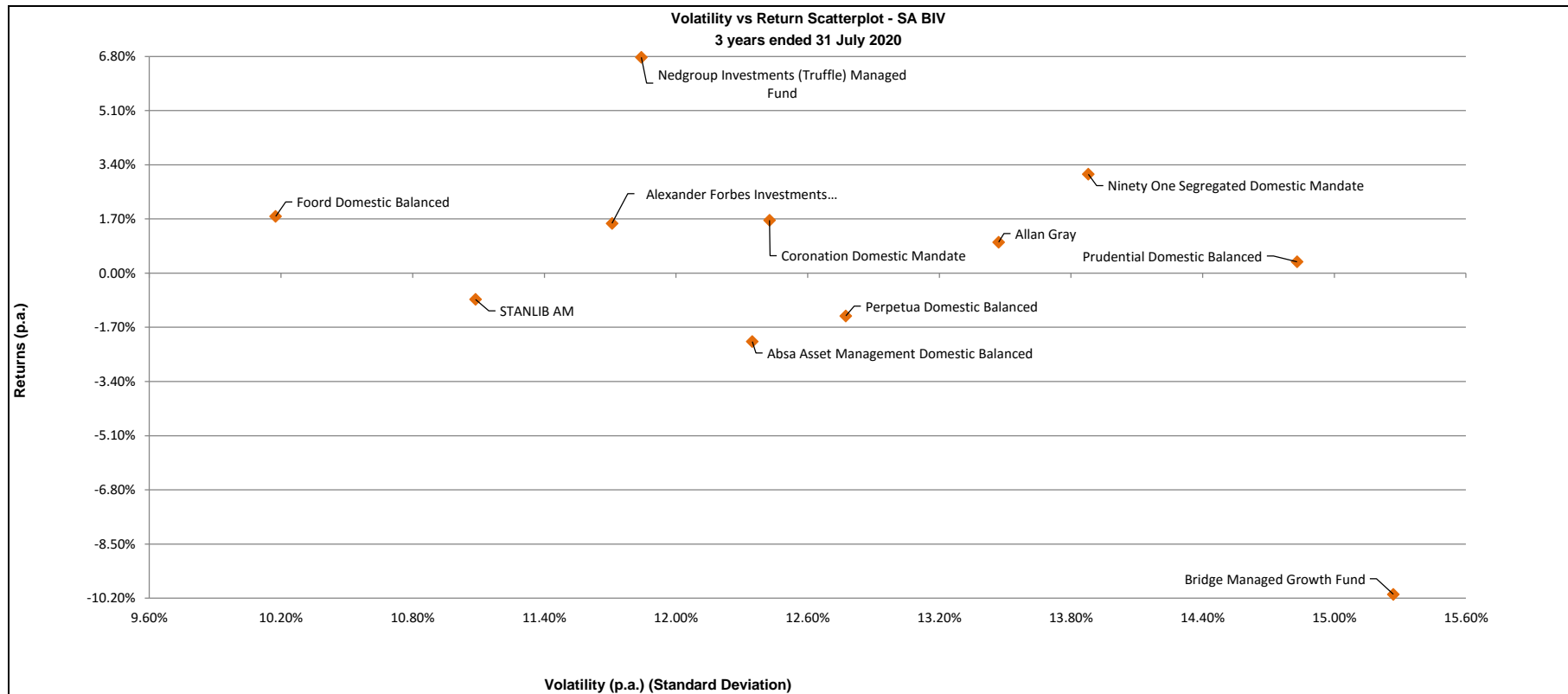
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# S.A. MANAGER WATCH™ SURVEY - CONSERVATIVE

Objective - The portfolios are balanced (i.e. multiple asset class) portfolios, subject to the restrictions imposed by Regulation 28 of the Pension Funds Act and aim to minimise the probability of short-term (i.e. less than one year) capital loss

	GIPS™ (Verified/ Compliant)	Portfolio Type	Regulation 28 Compliant Certification (Y/N)	Benchmark Description	Admin - efficiency : Date data submitted	No.of funds in composite	Portfolio Size (R m)
Alexander Forbes Investments Conserver Local	n/a	Pooled	Y	40% Capped SWIX, 30% STeFI Call, 30% ALBI	14 August 2020	n/a	6 647
Allan Gray Life Domestic Stable Portfolio	V	Pooled	Y	STeFI + 2 %	06 August 2020	n/a	1 207
Bridge Stable Growth Fund		Pooled	Y	CPI + 4% p.a. over rolling 60-month periods	13 August 2020	3	562
Prudential Domestic Conservative Balanced	V	Segregated	Y	The total fund is benchmarked against the Bespoke Benchmark	04 August 2020	1	1 628
				<b>Total</b>			10 044

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INVESTMENT DATA TO THE END OF JULY 2020																								
PERFORMANCE DATA																								
	Month			Quarter			Year to Date			1 Year			3 Years (p.a.)			5 Years (p.a.)			7 Years (p.a.)			10 Years (p.a.)		
	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark			
Alexander Forbes Investments Conserver Local	1.46%	1	1.48%	6.48%	2	6.20%	0.14%	1	-1.42%	3.66%	1	1.60%	6.06%	1	3.94%	6.28%	2	4.76%	6.99%	3	6.59%	8.21%	2	7.99%
Allan Gray Life Domestic Stable Portfolio	0.21%	3	0.58%	3.87%	3	1.86%	-6.03%	3	4.89%	-2.53%	3	8.46%	3.66%	3	8.88%	6.51%	1	8.95%	7.22%	2	8.60%	7.49%	3	8.28%
Bridge Stable Growth Fund	-0.72%	4	0.87%	2.31%	4	1.36%	-16.66%	4	4.61%	-18.55%	4	7.42%	-6.27%	4	8.32%	-1.23%	4	8.75%	*	*	*	*	*	*
Prudential Domestic Conservative Balanced	1.10%	2	1.53%	6.84%	1	6.37%	-3.54%	2	-1.09%	-1.27%	2	2.05%	4.35%	2	4.23%	5.55%	3	5.00%	7.44%	1	6.81%	9.57%	1	8.19%

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# S.A. LARGE MANAGER WATCH™ SURVEY

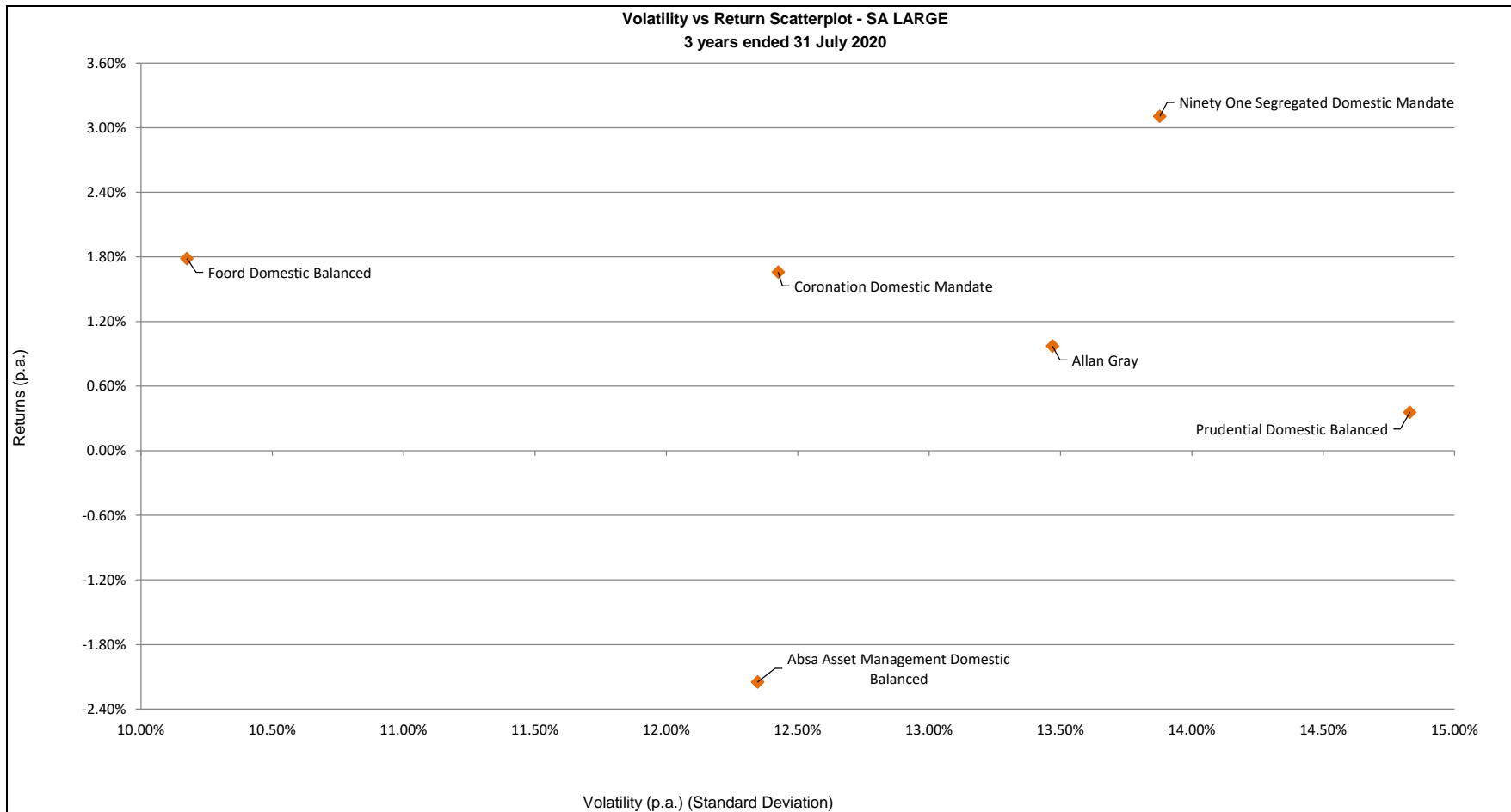
Objective - The portfolios are balanced (i.e. multiple asset class) portfolios, subject to the restrictions imposed by Regulation 28 of the Pension Funds Act and are confined to investing in South Africa only. These portfolios represent the best investment view of the largest managers of discretionary assets in South Africa, as determined under the survey rules imposed by Alexander Forbes.

INVESTMENT DATA TO THE END OF JULY 2020																								
PERFORMANCE DATA																								
	Month			Quarter			Year to Date			1 Year			3 Years (p.a.)			5 Years (p.a.)			7 Years (p.a.)			10 Years (p.a.)		
	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark
INVESTMENT MANAGERS																								
Absa Asset Management Domestic Balanced	-1.14%	6	0.84%	2.04%	6	3.19%	-12.74%	6	-10.42%	-12.69%	6	-9.50%	-2.15%	6	-0.55%	1.14%	6	2.06%	4.06%	6	5.02%	6.81%	6	7.63%
Allan Gray	1.34%	4	1.20%	5.90%	5	6.44%	-7.18%	4	-5.98%	-2.83%	4	-2.75%	0.97%	4	1.13%	4.68%	1	2.98%	6.97%	2	5.58%	8.95%	5	8.18%
Coronation Domestic Mandate	1.68%	2	1.37%	7.87%	3	6.93%	-3.69%	3	-6.70%	1.70%	2	-3.15%	1.66%	3	1.39%	3.30%	3	3.00%	6.21%	3	5.63%	9.39%	3	8.30%
Foord Domestic Balanced	0.76%	5	1.67%	6.14%	4	9.19%	-0.73%	1	-1.97%	3.24%	1	0.40%	1.78%	2	3.73%	2.41%	5	4.71%	5.95%	4	7.17%	10.05%	1	9.34%
Ninety One Segregated Domestic Mandate	3.16%	1	1.37%	8.11%	2	6.93%	-3.62%	2	-6.70%	1.08%	3	-3.15%	3.11%	1	1.39%	4.22%	2	3.00%	8.12%	1	5.63%	9.61%	2	8.30%
Prudential Domestic Balanced	1.40%	3	1.37%	8.59%	1	6.93%	-7.92%	5	-6.70%	-6.60%	5	-3.15%	0.36%	5	1.39%	2.64%	4	3.00%	5.56%	5	5.63%	9.04%	4	8.30%

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LOCAL INVESTABLE PERFORMANCE DATA ANALYSIS TO THE END OF JULY 2020								
	Return - Month	Return - Quarter	Return - Year to Date	Return - 1 Year	Return - 3 Years (p.a.)	Return - 5 Years (p.a.)	Return - 7 Years (p.a.)	Return - 10 Years (p.a.)
<b>SA BIV</b>								
Highest	4.29%	8.59%	0.72%	10.72%	6.77%	4.68%	8.12%	10.05%
Upper Quartile	1.73%	8.18%	-3.57%	1.24%	1.72%	3.48%	6.62%	9.44%
Median	1.37%	6.96%	-5.03%	-1.69%	1.29%	3.33%	5.74%	8.37%
Average	1.36%	6.38%	-6.66%	-3.72%	0.20%	2.47%	5.00%	7.63%
Asset-weighted Average	1.66%	7.15%	-4.98%	-1.30%	1.48%	3.44%	6.62%	9.38%
Lower Quartile	0.73%	5.68%	-8.65%	-6.39%	-1.08%	1.26%	5.18%	8.51%
Lowest	-1.14%	1.97%	-22.74%	-24.86%	-10.08%	-4.34%	3.19%	6.81%
Range	5.43%	6.61%	23.46%	35.58%	16.85%	9.02%	4.93%	3.24%
Number of Participants	12	12	12	12	11	10	8	8
<b>SA Conservative</b>								
Highest	1.46%	6.84%	0.14%	3.66%	6.06%	6.51%	7.44%	9.57%
Upper Quartile	1.19%	6.57%	-2.62%	-0.04%	4.77%	6.34%	7.33%	8.89%
Median	0.66%	5.17%	-4.78%	-1.90%	4.00%	5.92%	7.22%	8.21%
Average	0.51%	4.87%	-6.52%	-4.67%	1.95%	4.28%	7.22%	8.42%
Asset-weighted Average	1.13%	5.99%	-2.14%	0.87%	4.80%	5.77%	7.09%	8.35%
Lower Quartile	-0.02%	3.48%	-8.69%	-6.53%	1.18%	3.86%	7.10%	7.85%
Lowest	-0.72%	2.31%	-16.66%	-18.55%	-6.27%	-1.23%	6.99%	7.49%
Range	2.18%	4.53%	16.80%	22.21%	12.32%	7.74%	0.45%	2.08%
Number of Participants	4	4	4	4	4	4	3	3
<b>SA LMW</b>								
Highest	3.16%	8.59%	-0.73%	3.24%	3.11%	4.68%	8.12%	10.05%
Upper Quartile	1.61%	8.05%	-3.64%	1.55%	1.75%	3.99%	6.78%	9.55%
Median	1.37%	6.93%	-6.70%	-3.15%	1.39%	3.00%	5.63%	8.30%
Average	1.20%	6.44%	-5.98%	-2.75%	1.13%	2.99%	5.54%	8.13%
Asset-weighted Average	1.66%	7.19%	-4.90%	-1.19%	1.54%	3.51%	6.63%	9.39%
Lower Quartile	0.90%	5.96%	-7.74%	-5.66%	0.51%	2.47%	5.66%	8.97%
Lowest	-1.14%	2.04%	-12.74%	-12.69%	-2.15%	1.14%	4.06%	6.81%
Range	4.30%	6.54%	12.01%	15.94%	5.25%	3.53%	4.06%	3.24%
Number of Participants	6	6	6	6	6	6	6	6

\*\* Median Compounded : The longer term median returns reflected are calculated by compounding the monthly median returns over the various periods.

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\*\* Please see final page for Disclaimers and Glossary \*\*

# S.A. LARGE MANAGER WATCH™ SURVEY

Objective - The portfolios are balanced (i.e. multiple asset class) portfolios, subject to the restrictions imposed by Regulation 28 of the Pension Funds Act and are confined to investing in South Africa only. These statistics represent the various categories that portfolios are represented in, regardless of whether these asset managers are open to new investments or not.

## LOCAL NON INVESTABLE PERFORMANCE ANALYSIS TO THE END OF JULY 2020

	Return - Month	Return - Quarter	Return - Year to Date	Return - 1 Year	Return - 3 Years (p.a.)	Return - 5 Years (p.a.)	Return - 7 Years (p.a.)	Return - 10 Years (p.a.)
<b>SA BIV</b>								
Median	1.37%	6.96%	-5.03%	-1.69%	1.29%	3.40%	5.81%	8.45%
Average	1.36%	6.38%	-6.66%	-3.72%	0.20%	2.46%	5.03%	7.67%
Asset-weighted Average	1.66%	7.15%	-4.98%	-1.30%	1.48%	3.44%	6.62%	9.38%
Number of Participants	12	12	12	12	11	10	8	8

## SA Conservative

Median	0.66%	4.87%	-6.32%	-3.79%	4.00%	5.92%	7.22%	8.21%
Average	0.51%	4.86%	-6.67%	-4.98%	1.95%	4.28%	7.22%	8.42%
Asset-weighted Average	1.13%	5.99%	-2.14%	0.87%	4.80%	5.77%	7.09%	8.35%
Number of Participants	4	4	4	4	4	4	3	3

## SA LMW

Median	1.37%	6.93%	-6.70%	-3.15%	1.39%	3.05%	5.71%	8.40%
Average	1.20%	6.44%	-5.98%	-2.75%	1.13%	2.98%	5.58%	8.18%
Asset-weighted Average	1.66%	7.19%	-4.90%	-1.19%	1.54%	3.51%	6.63%	9.39%
Number of Participants	6	6	6	6	6	6	6	6

\*\* Median Compounded : The longer term median returns reflected are calculated by compounding the monthly median returns over the various periods.

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# GLOBAL MANAGER WATCH™ SURVEY - DYNAMIC

Objective - The portfolios are balanced (i.e. multiple asset class) portfolios, subject to the restrictions imposed by Regulation 28 of the Pension Funds Act and aim to maximize long-term (i.e. more than 5 years) capital growth. This may lead to volatility of returns in the short-term (i.e. less than one year).

	GIPS™ (Verified/ Compliant)	Portfolio Type	Regulation 28 Compliant Certification (Y/N)	Benchmark Description	Admin - efficiency : Date data submitted	No.of funds in composite	Portfolio Size (R m)
Allan Gray Life Global Absolute Portfolio	V	Pooled	Y	Global LMW Average	06 August 2020	n/a	2 739
Coronation (Managed)	V	Pooled	Y	Global LMW Average	13 August 2020	1	9 809
Laurium Flexible Prescient Fund	C	Unit Trust	N	CPI + 5%	17 August 2020	1	1 977
Momentum Investments Flexible Factor 6		Pooled		47.5% SWIX, 10% Property, 7.5% STeFI, 5% BSAGI, 5% ALBI, 20% MSCI AC, 5% CITI WGBI	17 August 2020	n/a	532
Momentum Investments Flexible Factor 7		Pooled		55% SWIX, 10% Property, 5% BSAGI, 5% ALBI, 20% MSCI AC, 5% CITI WGBI	17 August 2020	n/a	1 901
Ninety One Managed	V	Pooled	Y	Global LMW Median	13 August 2020	1	18 806
Ninety One Opportunity Composite	V	Pooled	Y	Headline CPI + 6%	13 August 2020	12	57 507
Truffle SCI Flexible Fund	n/a	Unit trust	N	CPI + 5%	13 August 2020	n/a	4 615
				<b>Total</b>			97 886

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\* Performance figures are shown gross of fees.

\* Performance should not be judged over a short period of time.

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# GLOBAL MANAGER WATCH™ SURVEY - DYNAMIC

Objective - The portfolios are balanced (i.e. multiple asset class) portfolios with exposure to both global and local assets, subject to the restrictions imposed by Regulation 28 of the Pension Funds Act and aim to maximize long-term (i.e. more than 5 years) capital returns. This may lead to

INVESTMENT DATA TO THE END OF JULY 2020																								
PERFORMANCE DATA																								
	Month			Quarter			Year to Date			1 Year			3 Years (p.a.)			5 Years (p.a.)			7 Years (p.a.)			10 Years (p.a.)		
	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark
INVESTMENT MANAGERS																								
Allan Gray Life Global Absolute Portfolio	-0.19%	8	1.68%	2.11%	8	5.49%	-2.48%	8	0.44%	1.50%	8	4.64%	1.53%	8	4.46%	5.05%	6	5.05%	6.42%	7	7.41%	7.90%	4	10.01%
Coronation (Managed)	2.65%	3	1.68%	6.59%	1	5.49%	0.03%	4	0.44%	5.31%	4	4.64%	2.83%	7	4.46%	5.41%	4	5.00%	7.87%	6	7.34%	11.38%	3	9.93%
Laurium Flexible Prescient Fund	1.71%	6	0.93%	7.92%	2	0.62%	-0.30%	5	4.12%	2.10%	7	7.22%	3.75%	5	8.75%	4.40%	8	9.52%	*	*	*	*	*	*
Momentum Investments Flexible Factor 6	2.14%	5	2.21%	5.29%	5	7.23%	-2.06%	7	-4.19%	2.37%	6	-1.19%	3.70%	6	2.13%	5.04%	7	4.14%	8.29%	5	7.57%	*	*	*
Momentum Investments Flexible Factor 7	2.16%	4	2.27%	5.29%	4	7.39%	-1.54%	6	-4.94%	3.16%	5	-1.96%	4.18%	4	1.53%	5.29%	5	3.71%	8.54%	4	7.57%	*	*	*
Ninety One Managed	3.10%	2	1.62%	2.94%	6	5.52%	8.72%	2	-0.35%	15.52%	2	4.00%	9.85%	1	4.12%	9.89%	1	5.00%	11.80%	2	7.68%	13.59%	1	10.15%
Ninety One Opportunity Composite	1.16%	7	0.99%	2.92%	7	1.79%	9.59%	1	5.67%	12.67%	3	9.21%	8.88%	2	10.07%	8.54%	2	10.71%	9.94%	3	10.98%	11.83%	2	11.10%
Truffle SCI Flexible Fund	3.32%	1	0.93%	5.42%	3	0.62%	5.60%	3	4.12%	16.36%	1	7.22%	8.59%	3	8.75%	7.32%	3	9.52%	12.21%	1	9.84%	*	*	*

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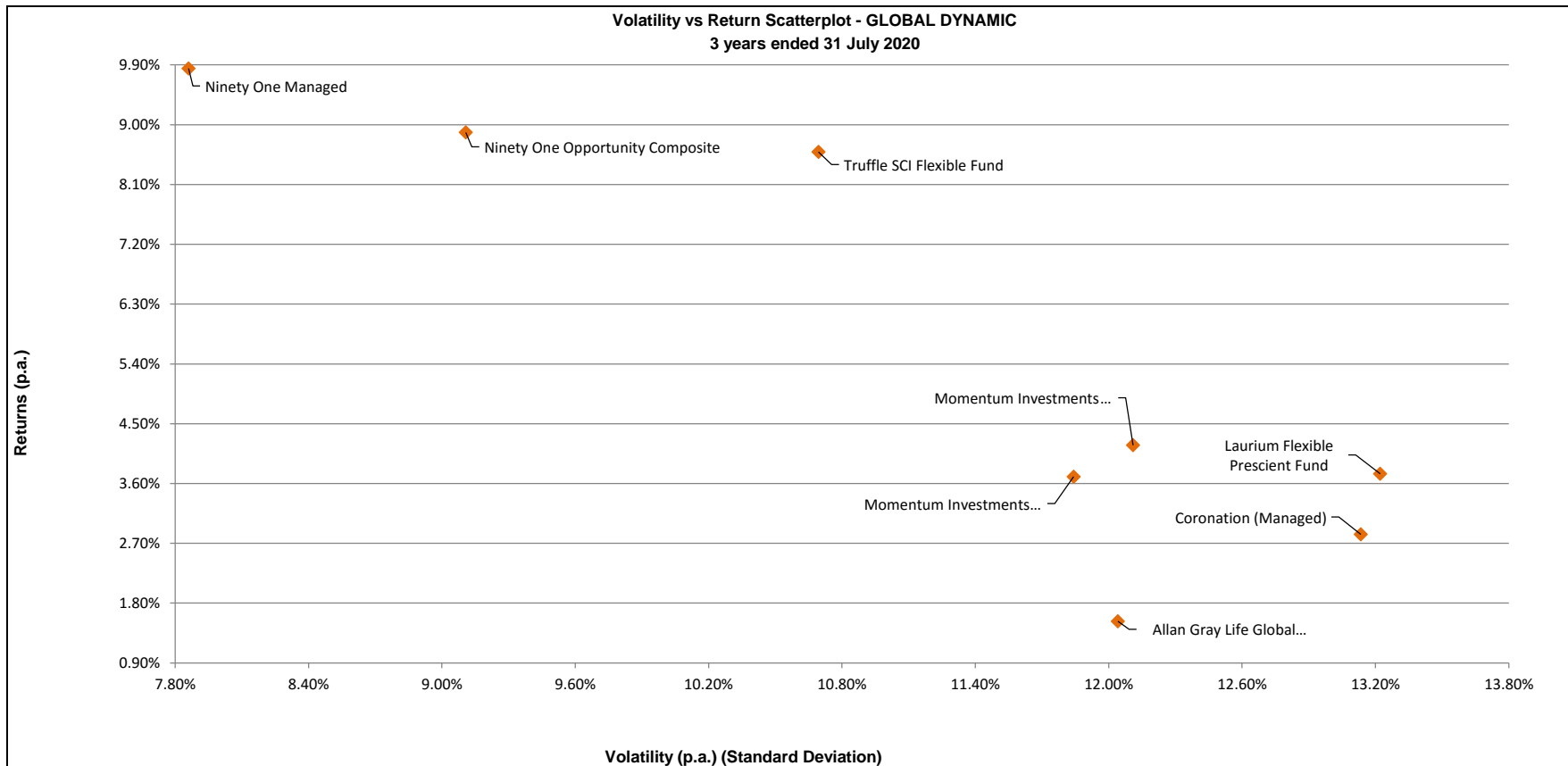
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# GLOBAL MANAGER WATCH™ SURVEY - DYNAMIC



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# GLOBAL MANAGER WATCH™ SURVEY - BEST INVESTMENT VIEW

Objective - The portfolios are balanced (i.e. multiple asset class) portfolios, subject to the restrictions imposed by Regulation 28 of the Pension Funds Act and represent the managers' best investment view.

	GIPS™ (Verified/Compliant)	Portfolio Type	Regulation 28 Compliant Certification (Y/N)	Benchmark Description	Admin - efficiency : Date data submitted	No. of funds in composite	Portfolio Size (R m)
Absa Asset Management Global Balanced	V	Pooled	Y	Global LMW Median	04 August 2020	4	4 748
Alexander Forbes Investments (Performer)		Pooled	Y	Global LMW Median	14 August 2020	n/a	147 306
Alexander Forbes Investments (Spectrum)		Pooled	Y	Global LMW Average	14 August 2020	n/a	761
Allan Gray	V	Segregated	Y	Global LMW Average (Non Investable)	06 August 2020	14	49 802
Ashburton Global Balanced Composite	C	Pooled	Y	Market Value Weighted Average Return of ASISA Multi Asset – High Equity Category excluding the Ashburton Balanced Fund.	17 August 2020	1	436
Balondoloz Active Balanced Fund		Segregated		Headline CPI + 5%	07 August 2020	n/a	377
Cadziz Global Balanced	V	Segregated	Y	Global LMW Median	13 August 2020	1	242
ClucasGray Equilibrium Prescient fund	n/a	Unit trust	Y	Market value-weighted average return of ASISA category - South African Multi-Asset High Equity	06 August 2020	1	784
Coronation	V	Segregated	Y	Global LMW Median	13 August 2020	10	19 807
Foord Global Balanced	C	Segregated	Y	55% ALSI, 9% MSCI, 6% CITI, 5% PROP, 20% ALBI, 5% STFCAD	04 August 2020	5	30 582
Kaiso Global Balanced Fund	V	Segregated	Y	Global LMW Median	17 August 2020	4	1 559
Laurium Balanced Fund	C	Unit trust	Y	ASISA South African MA High Equity	17 August 2020	1	1 664
Momentum Investments Classic Factor 7		Pooled		46.50% SWIX, 15% Property, 1.50% STeFI, 4% ALBI, 3% IGOV, 25% MSCI AC, 1.50% WGBI, 3.50% EPRA/NAREIT	17 August 2020	n/a	7 391
Momentum Investments Enhanced Factor 7	n/a	Pooled	Y	46.50% SWIX, 15% Property, 1.50% STeFI, 4% ALBI, 3% IGOV, 25% MSCI AC, 1.50% WGBI, 3.50% EPRA/NAREIT	17 August 2020	n/a	15 740
Momentum Investments Target Factor 7		Pooled		46.50% SWIX, 15% Property, 1.50% STeFI, 4% ALBI, 3% IGOV, 25% MSCI AC, 1.50% WGBI, 3.50% EPRA/NAREIT	17 August 2020	n/a	603
Nedgroup Investments (Truffe) Balanced Fund		Unit trust	Y	ASISA South African Multi-Asset High Equity sector average	14 August 2020	n/a	2 015
Nedgroup Investments XS Diversified Fund of Funds	n/a	Unit trust	Y	Headline CPI + 5%	14 August 2020	1	4 168
Ninety One Segregated Full Discretion	V	Segregated	Y	Global LMW Median	13 August 2020	28	71 226
Northstar SCI Managed Fund	n/a	Unit trust	Y	ASISA Category Avg: SA – Multi Asset – High Equity	14 August 2020	n/a	933
Oasis	V	Segregated	Y	Global BIV Average	17 August 2020	5	677
Obsidian SCI Balanced fund		Pooled	Y	FTSE/JSE All Share Index	11 August 2020	n/a	655
Old Mutual Multi Managers Managed	V	Pooled	Y	Global LMW Median(Non Investable)	17 August 2020	1	2 916
Old Mutual Multi-Managers Inflation Plus 5-7%	V	Pooled	Y	Headline CPI + 6%	17 August 2020	5	12 347
OMIG MacroSolutions (Edge28)	V	Segregated	Y	The performance target is CPI+6%. No benchmark.	12 August 2020	3	7 701
OMIG MacroSolutions Balanced	V	Segregated	Y	The benchmark for our full discretionary funds is calculated in-house, using FTSE free market indices and estimated peer group weightings.	12 August 2020	2	4 338
Prescient Balanced	V	Pooled	Y	55.25% SWIX40, 2% STeFI, 17% ALBI, 9.75% MSCI World, 5.25% US 1mth TB	11 August 2020	1	1 077
Prudential Balanced	V	Segregated	Y	Global LMW Median	04 August 2020	7	9 610
PSC Balanced Fund	n/a	Unit trust	Y	Headline CPI+3%	11 August 2020	1	7 250
Recco Value Trend	V	Unit trust	Y	FTSE/JSE All Share	11 August 2020	1	6 395
Sanlam Lifestage Accumulation		Pooled	Y	24.5% SWIX, 24.5% Capped SWIX, 2% STeFI, 10% ALBI, 6% BSAGI, 8% Property, 21% MSCI World, 4% Barclays Aggr Bond Index	07 August 2020	n/a	16 060
Sasfin BCI Balanced fund	n/a	Unit trust	Y	Average of SA Multi Asset Medium Equity category	11 August 2020	1	411
Sasfin BCI Prudential fund	n/a	Unit trust	Y	Average of SA Multi Asset High Equity category	11 August 2020	1	2 576
SIM Global Unique	V	Segregated	Y	Global LMW Median	07 August 2020	3	12 794
STANLIB AM	V	Segregated	Y	Global BIV Median	17 August 2020	4	1 261
STANLIB Multi Manager Balanced Fund	n/a	Pooled	Y	Global BIV Median Non Investable	17 August 2020	n/a	6 585
				<b>Total</b>			452 797

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# GLOBAL MANAGER WATCH™ SURVEY - BEST INVESTMENT VIEW

Objective - The portfolios are balanced (i.e. multiple asset class) portfolios with exposure to global and local assets, subject to the restrictions imposed by Regulation 28 of the Pension Funds Act and represent the managers' best investment view.

	INVESTMENT DATA TO THE END OF JULY 2020																										
	PERFORMANCE DATA																										
	Month			Quarter			Year to Date			1 Year			3 Years (p.a.)			5 Years (p.a.)			7 Years (p.a.)			10 Years (p.a.)					
Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	
INVESTMENT MANAGERS																											
Absa Asset Management Global Balanced	0.71%	31	1.62%	6.39%	16	5.52%	-2.28%	22	-0.35%	0.21%	26	4.00%	3.48%	21	4.12%	4.37%	21	5.00%	6.80%	22	7.68%	9.43%	15	10.15%			
Alexander Forbes Investments (Performer)	2.23%	12	1.62%	5.19%	29	5.52%	3.57%	5	-0.35%	7.30%	7	4.00%	5.86%	8	4.12%	6.73%	3	5.00%	9.04%	3	7.68%	11.58%	1	10.29%			
Alexander Forbes Investments (Spectrum)	1.50%	25	1.68%	5.81%	21	5.49%	0.51%	15	0.44%	4.68%	14	4.64%	4.52%	12	4.46%	5.32%	16	5.00%	7.59%	17	7.34%	10.17%	9	10.03%			
Allan Gray	0.51%	33	1.68%	3.49%	33	5.49%	-0.40%	19	0.44%	4.35%	16	4.64%	3.09%	24	4.46%	6.17%	7	5.05%	8.06%	7	7.41%	10.43%	8	10.01%			
Ashburton Global Balanced Composite	1.16%	28	2.21%	5.32%	27	5.83%	-0.29%	16	0.34%	2.13%	20	3.61%	3.24%	23	3.21%	-	-	-	-	-	-	-	-	-	-	-	-
Balondolzi Active Balanced Fund	2.51%	8	0.93%	7.17%	6	0.62%	1.14%	10	4.12%	1.63%	23	7.22%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadiz Global Balanced	0.53%	32	1.62%	2.18%	34	5.52%	-5.61%	31	-0.35%	-2.88%	33	4.00%	1.97%	31	4.12%	4.06%	26	5.00%	5.35%	24	7.68%	8.11%	16	10.15%			
ClucasGray Equilibrium Prescient fund	0.86%	30	2.14%	5.49%	25	5.71%	-7.40%	33	-0.16%	-3.70%	34	2.97%	2.61%	26	2.94%	-	-	-	-	-	-	-	-	-	-	-	-
Coronation	2.39%	10	1.62%	8.02%	1	5.52%	0.98%	13	-0.35%	6.22%	8	4.00%	4.58%	11	4.12%	5.79%	10	5.00%	8.35%	5	7.68%	11.43%	4	10.15%			
Foord Global Balanced	1.36%	26	1.79%	4.53%	31	7.89%	6.98%	2	1.75%	12.90%	3	4.31%	5.53%	9	5.60%	5.38%	14	6.05%	8.00%	9	8.44%	11.44%	3	10.58%			
Kagiso Global Balanced Fund	0.38%	34	1.62%	6.68%	12	5.52%	-9.45%	34	-0.35%	-0.51%	29	4.00%	3.93%	17	4.12%	6.69%	4	5.00%	7.50%	19	7.68%	-	-	-	-	-	
Laurium Balanced Fund	1.35%	27	2.15%	6.84%	8	5.73%	-0.37%	18	-1.03%	2.29%	19	2.01%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Momentum Investments Classic Factor 7	2.84%	6	2.27%	6.65%	13	7.85%	-5.89%	32	-5.03%	-1.96%	32	-2.05%	2.08%	30	1.49%	4.05%	27	3.69%	7.75%	12	7.55%	-	-	-	-	-	
Momentum Investments Enhanced Factor 7	2.92%	5	2.27%	6.26%	17	7.85%	-5.45%	30	-5.03%	-1.51%	31	-2.05%	2.42%	29	1.50%	4.30%	22	3.70%	8.05%	8	7.55%	11.07%	5	10.47%			
Momentum Investments Target Factor 7	2.40%	9	2.27%	6.26%	18	7.39%	-4.15%	28	-4.94%	-0.49%	28	-1.96%	2.69%	25	1.53%	4.23%	23	3.71%	7.99%	10	7.57%	-	-	-	-	-	
Nedoroup Investments (Truffle) Balanced Fund	3.04%	4	2.14%	5.68%	22	5.71%	5.65%	3	-0.07%	15.86%	2	2.77%	8.99%	2	5.85%	7.63%	2	5.33%	-	-	-	-	-	-	-	-	
Nedoroup Investments XS Diversified Fund of Funds	1.89%	19	0.94%	5.65%	24	2.68%	-2.85%	26	6.29%	0.21%	27	9.55%	2.51%	27	9.67%	4.17%	24	10.19%	7.18%	20	10.40%	9.48%	14	10.40%			
Ninety One Segregated Full Discretion	3.37%	2	1.62%	6.02%	20	5.52%	2.59%	8	-0.35%	7.51%	6	4.00%	6.01%	7	4.12%	6.30%	6	5.00%	9.80%	2	7.68%	11.52%	2	10.15%			
Northstar SCI Manaaged Fund	1.82%	22	2.21%	3.53%	32	5.83%	3.07%	7	0.34%	6.05%	9	3.61%	6.26%	6	3.25%	6.35%	5	3.77%	7.65%	16	6.19%	-	-	-	-	-	
Oasis	1.15%	29	1.93%	1.62%	35	5.88%	-0.85%	21	-0.67%	3.61%	17	3.65%	3.94%	16	4.35%	4.09%	25	5.14%	6.87%	21	7.45%	9.58%	13	9.89%			
Obsidian SCI Balanced fund	2.12%	15	2.56%	7.28%	4	10.83%	-2.97%	27	-0.68%	0.76%	24	1.58%	3.63%	19	3.63%	5.28%	17	4.58%	-	-	-	-	-	-	-	-	
Old Mutual Multi-Managers Managed	2.18%	13	1.62%	6.76%	11	5.52%	-0.32%	17	-0.35%	4.39%	15	4.00%	4.32%	13	4.12%	5.34%	15	5.03%	-	-	-	-	-	-	-	-	
Old Mutual Multi-Managers Inflation Plus 5-7%	2.56%	7	1.01%	7.70%	2	0.86%	1.05%	11	4.69%	4.81%	13	8.22%	3.95%	15	9.75%	5.52%	11	10.52%	8.56%	4	10.84%	-	-	-	-	-	
OMIG MacroSolutions (Eco28)	3.36%	3	-	6.86%	7	-	-5.40%	29	-	-0.54%	30	-	2.49%	28	-	3.95%	28	-	7.75%	13	-	10.14%	10	-	-	-	
OMIG MacroSolutions Balanced	2.15%	14	2.32%	6.22%	19	6.63%	-2.39%	23	3.80%	1.82%	22	7.81%	3.62%	20	5.95%	4.53%	20	6.12%	7.52%	18	8.90%	9.85%	12	10.92%			
Prascent Balanced	2.02%	17	1.64%	7.22%	5	6.56%	0.96%	14	1.75%	5.27%	12	5.25%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Prudential Balanced	1.59%	24	1.62%	6.84%	9	5.52%	-2.65%	25	-0.35%	0.28%	25	4.00%	3.91%	18	4.12%	5.47%	12	5.00%	8.16%	6	7.68%	10.99%	6	10.15%			
PSG Balanced Fund	-0.15%	35	0.91%	4.85%	30	0.64%	-12.67%	35	5.03%	-10.97%	35	8.19%	-2.99%	32	9.23%	1.74%	29	9.81%	5.94%	23	10.06%	-	-	-	-	-	
Recco Value Trend	5.03%	1	2.56%	6.84%	10	10.83%	14.24%	1	-0.68%	23.72%	1	1.58%	10.92%	1	3.63%	8.02%	1	4.58%	10.24%	1	8.18%	-	-	-	-	-	
Sanlam Lifestaq Accumulation	2.11%	16	1.67%	7.59%	3	6.97%	-0.59%	20	-1.09%	3.25%	18	1.96%	3.95%	14	3.52%	4.73%	19	4.75%	7.78%	11	8.28%	-	-	-	-	-	
Sasfin BCI Balanced fund	1.85%	21	1.74%	5.31%	28	4.98%	3.11%	6	1.35%	7.56%	5	4.39%	7.22%	3	4.06%	-	-	-	-	-	-	-	-	-	-	-	
Sasfin BCI Prudential fund	1.93%	18	2.21%	5.65%	23	5.83%	2.01%	9	0.34%	5.98%	10	3.61%	6.45%	5	3.20%	5.90%	8	6.15%	-	-	-	-	-	-	-		
SIM Global Unique	1.64%	23	1.62%	5.39%	26	5.52%	-2.47%	24	-0.35%	1.93%	21	4.00%	3.46%	22	4.12%	5.12%	18	5.00%	7.69%	14	7.68%	10.06%	11	10.15%			
STANLIB AM	1.89%	20	1.93%	6.45%	15	5.91%	4.82%	4	-1.23%	7.66%	4	2.89%	6.92%	4	4.13%	5.39%	13	4.99%	7.68%	15	7.63%	10.80%	7	10.06%			
STANLIB Multi Manager Balanced Fund	2.33%	11	1.93%	6.51%	14	5.91%	0.99%	12	-1.23%	5.38%	11	2.89%	5.13%	10	4.13%	5.86%	9	4.97%	-	-	-	-	-	-	-	-	

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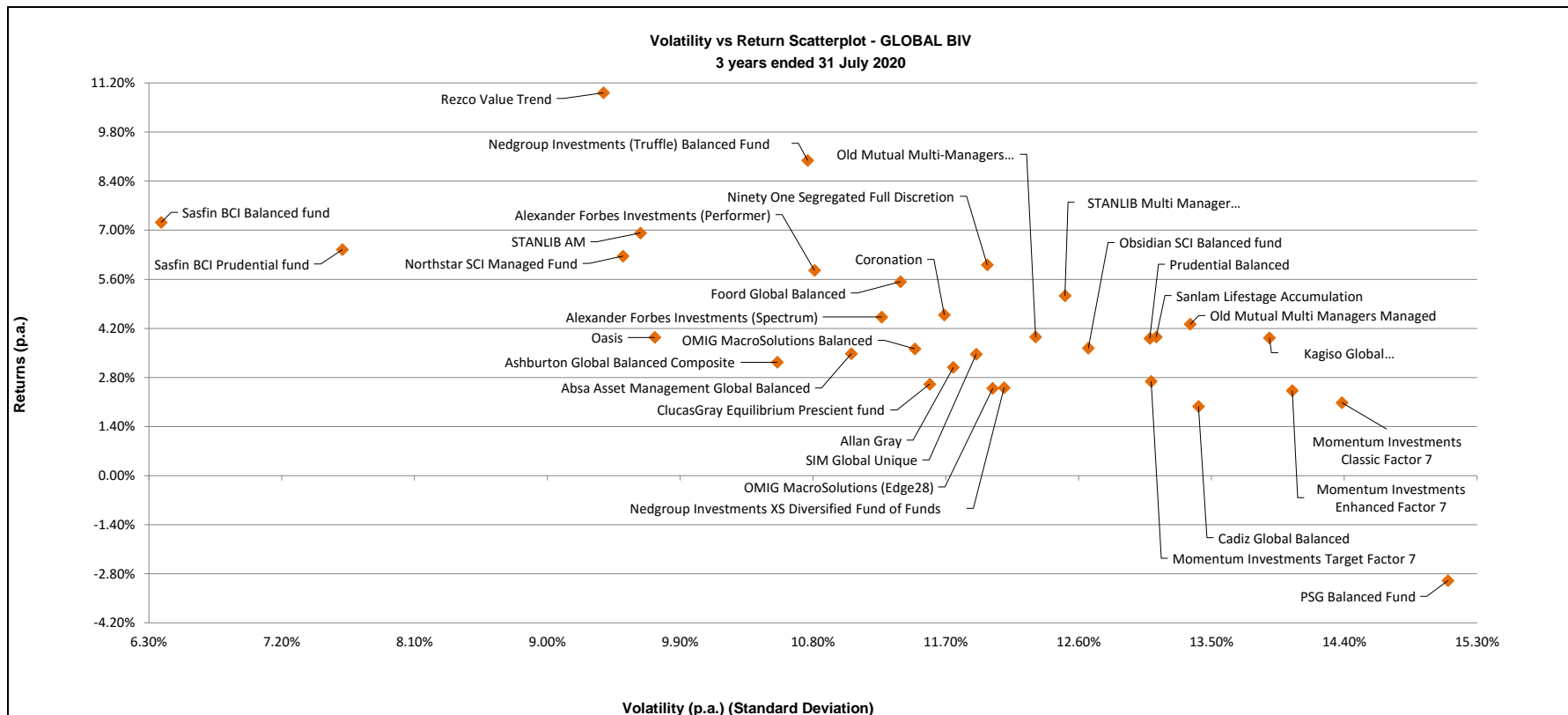
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# GLOBAL MANAGER WATCH™ SURVEY - BEST INVESTMENT VIEW



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# GLOBAL MANAGER WATCH™ SURVEY - CONSERVATIVE

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	GIPS™ (Verified/ Compliant)	Portfolio Type	Regulation 28 Compliant Certification (Y/N)	Benchmark Description	Admin - efficiency : Date data submitted	No. of funds in composite	Portfolio Size (R m)
Alexander Forbes Investments (Conserver)		Pooled	Y	32% Capped SWIX, 24% ALBI, 24% STeFI Call, 7.9% MSCI AC World, 6% FTSE WGBI, 3.05% French TB, 3.05% US TB	14 August 2020	n/a	5 622
Allan Gray Life Global Stable Portfolio	V	Pooled	Y	STeFI + 2%	06 August 2020	n/a	5 706
Coronation Inflation Plus Fund	V	Pooled	Y	Headline CPI + 3.5%	13 August 2020	1	3 688
Foord Conservative Balanced	C	Pooled	Y	Headline CPI+4%	04 August 2020	1	514
Momentum Investments Classic Factor 5		Pooled	Y	37.5% Capped SWIX, 12.5% ALBI, 10% STeFI, 10% Property, 10% IGOV, 15% MSCI AC World, 5% FTSE WGBI	17 August 2020	n/a	720
Momentum Investments Enhanced Factor 4		Pooled		27.5% Capped SWIX, 17.5% ALBI, 20% STeFI, 7.5% Property, 12.5% BSAGI, 10% MSCI AC World, 5% FTSE WGBI	17 August 2020	n/a	1 184
Momentum Investments Enhanced Factor 5		Pooled		37.5% Capped SWIX, 12.5% ALBI, 10% STeFI, 10% Property, 10% BSAGI, 7.9% MSCI AC World, 5% FTSE WGBI	17 August 2020	n/a	1 447
Nedgroup Investments XS Guarded Fund of Funds	n/a	Pooled	Y	CPI + 3%	14 August 2020	n/a	1 041
Ninety One Cautious Managed Fund	V	Pooled	Y	(ASISA) SA MA Low Equity	13 August 2020	1	15 807
Old Mutual Multi-Managers Inflation Plus 1-3%		Pooled	Y	Headline CPI + 3%	17 August 2020	n/a	733
Old Mutual Multi-Managers Inflation Plus 3-5%		Pooled	Y	Headline CPI + 5%	17 August 2020	n/a	4 272
OMIG MacroSolutions (Profile Capital)	V	Pooled	Y	The performance target is CPI + 3%. Benchmark is 20% Capped SWIX, 10% MSCI ACWI Net Index, 30% BEASSA Index, 22.5% Stefi 3 Months, 10% Barclays Capital Global Bond Aggregate Index, 5% SAPY, 2.5% Gold Trust EFT Index	12 August 2020	n/a	361
OMIG MacroSolutions Moderate portfolio	V	Segregated	Y	Headline CPI + 4%	12 August 2020	2	790
PSG Stable Fund	n/a	Unit trust	Y	Headline CPI + 3%	11 August 2020	1	2 522
STANLIB Multi-Manager Defensive Balanced Fund	n/a	Pooled	Y	Headline CPI + 3% (1 month lag)	17 August 2020	n/a	2 451
Truffle Low Equity Fund	n/a	Unit trust	Y	Headline CPI + 3%	13 August 2020	n/a	1 095
				<b>Total</b>			47 953

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INVESTMENT DATA TO THE END OF JULY 2020																								
PERFORMANCE DATA																								
	Month			Quarter			Year to Date			1 Year			3 Years (p.a.)			5 Years (p.a.)			7 Years (p.a.)			10 Years (p.a.)		
	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark
<b>INVESTMENT MANAGERS</b>																								
Alexander Forbes Investments (Conserver)	1.61%	5	1.62%	4.74%	6	4.76%	4.68%	4	3.83%	8.08%	4	6.89%	7.74%	4	6.18%	7.51%	3	6.32%	8.15%	5	7.88%	9.34%	4	9.23%
Allan Gray Life Global Stable Portfolio	0.12%	15	0.58%	2.70%	15	1.86%	0.00%	10	4.69%	4.17%	10	8.45%	5.14%	9	8.88%	7.64%	2	8.95%	8.04%	6	8.60%	9.01%	6	8.28%
Coronation Inflation Plus Fund	1.15%	9	0.52%	4.57%	8	0.22%	2.19%	7	2.08%	4.89%	7	3.08%	6.02%	6	4.24%	6.54%	7	6.28%	7.84%	7	7.16%	9.29%	5	7.74%
Foord Conservative Balanced	1.00%	12	0.75%	4.13%	10	-1.56%	6.95%	2	1.15%	14.29%	1	3.61%	8.04%	3	6.76%	7.12%	5	7.66%	*	*	*	*	*	
Momentum Investments Classic Factor 5	2.27%	2	1.65%	6.07%	2	6.62%	-4.18%	14	-4.48%	-0.68%	14	-2.00%	2.96%	15	1.92%	*	*	*	*	*	*	*	*	
Momentum Investments Enhanced Factor 4	1.78%	4	1.19%	4.76%	5	5.02%	-1.98%	11	-1.81%	0.97%	11	0.37%	4.17%	12	3.30%	5.28%	11	4.70%	7.30%	10	6.84%	8.74%	7	8.55%
Momentum Investments Enhanced Factor 5	2.37%	1	1.65%	5.73%	3	6.62%	-4.55%	15	-4.48%	-1.07%	15	-2.00%	2.98%	14	2.01%	4.63%	14	3.97%	7.32%	9	6.78%	9.36%	3	9.03%
Nedgroup Investments XS Guarded Fund of Funds	1.33%	8	0.78%	4.58%	7	2.19%	1.19%	9	5.10%	4.40%	9	7.45%	5.77%	7	7.58%	6.64%	6	8.09%	8.44%	4	8.30%	*	*	
Ninety One Cautious Managed Fund	1.13%	10	1.10%	2.91%	14	3.75%	8.10%	1	1.54%	11.82%	3	4.52%	9.52%	2	4.88%	8.78%	1	5.18%	9.73%	1	6.43%	10.32%	1	7.53%
Old Mutual Multi-Managers Inflation Plus 1-3%	1.39%	7	0.77%	5.25%	4	0.14%	3.20%	5	2.97%	7.04%	5	5.22%	6.85%	5	6.30%	7.25%	4	5.87%	8.81%	2	5.81%	*	*	
Old Mutual Multi-Managers Inflation Plus 3-5%	2.16%	3	0.93%	6.98%	1	0.62%	1.61%	8	4.12%	5.43%	6	7.22%	4.90%	10	8.75%	6.35%	8	9.52%	8.65%	3	9.84%	*	*	
OMIG MacroSolutions (Profile Capital)	0.45%	14	1.19%	2.20%	16	3.57%	-2.17%	12	6.05%	0.57%	12	9.38%	4.43%	11	7.94%	5.48%	10	7.75%	7.09%	11	8.51%	8.73%	8	9.31%
OMIG MacroSolutions Moderate portfolio	1.04%	11	1.70%	4.19%	9	4.95%	-3.19%	13	4.94%	0.02%	13	8.64%	4.08%	13	9.40%	5.05%	12	9.36%	7.41%	8	9.44%	9.43%	2	9.46%
PSG Stable Fund	0.03%	16	0.76%	3.80%	12	0.15%	-6.73%	16	3.55%	-4.37%	16	5.83%	1.91%	16	7.11%	4.75%	13	7.73%	6.56%	12	8.00%	*	*	
STANLIB Multi-Manager Defensive Balanced Fund	0.76%	13	0.76%	3.94%	11	1.07%	2.28%	6	3.92%	4.89%	8	6.19%	5.58%	8	7.06%	6.13%	9	7.81%	*	*	*	*	*	
Truffle Low Equity Fund	1.41%	6	0.77%	2.98%	13	0.14%	6.20%	3	2.97%	13.03%	2	5.22%	9.85%	1	6.75%	*	*	*	*	*	*	*	*	

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INVESTMENT DATA TO THE END OF JULY 2020														
RISK VS RETURN														
	Calculated on 3 year performance returns							Calculated on 5 year performance returns						
	3 Year Return (p.a.)	Rank	Volatility (Risk)	Rank	Active Return	Tracking Error	Sharpe Ratio	5 Year Return (p.a.)	Rank	Volatility (Risk)	Rank	Active Return	Tracking Error	Sharpe Ratio
Alexander Forbes Investments (Conserver)	7.74%	4	6.05%	3	1.56%	1.81%	0.11	7.51%	3	5.34%	2	1.19%	1.59%	0.06
Allan Gray Life Global Stable Portfolio	5.14%	9	8.67%	9	-3.73%	8.67%	-0.23	7.64%	2	7.38%	8	-1.31%	7.39%	0.06
Coronation Inflation Plus Fund	6.02%	6	6.99%	7	1.79%	7.28%	-0.15	6.54%	7	6.02%	6	0.26%	6.16%	-0.11
Foord Conservative Balanced	8.04%	3	9.19%	13	1.28%	9.62%	0.10	7.12%	5	7.96%	12	-0.54%	8.25%	-0.01
Momentum Investments Classic Factor 5	2.96%	15	11.62%	16	1.04%	1.79%	-0.36	*	*	*	*	*	*	*
Momentum Investments Enhanced Factor 4	4.17%	12	8.96%	11	0.87%	1.82%	-0.33	5.28%	11	7.51%	11	0.58%	1.69%	-0.25
Momentum Investments Enhanced Factor 5	2.98%	14	11.52%	15	0.97%	2.17%	-0.36	4.63%	14	9.72%	14	0.66%	1.90%	-0.26
Nedgroup Investments XS Guarded Fund of Funds	5.77%	7	7.86%	8	-1.82%	8.10%	-0.17	6.64%	6	6.47%	7	-1.45%	6.59%	-0.08
Ninety One Cautious Managed Fund	9.52%	2	5.74%	1	4.63%	3.47%	0.42	8.78%	1	5.16%	1	3.60%	2.96%	0.31
Old Mutual Multi-Managers Inflation Plus 1-3%	6.85%	5	6.44%	4	0.55%	6.91%	-0.04	7.25%	4	5.47%	3	1.38%	5.90%	0.01
Old Mutual Multi-Managers Inflation Plus 3-5%	4.90%	10	10.80%	14	-3.85%	11.21%	-0.20	6.35%	8	9.07%	13	-3.16%	9.29%	-0.09
OMIG MacroSolutions (Profile Capital)	4.43%	11	6.60%	5	-3.50%	2.86%	-0.40	5.48%	10	5.61%	4	-2.27%	2.67%	-0.30
OMIG MacroSolutions Moderate portfolio	4.08%	13	8.72%	10	-5.32%	4.34%	-0.35	5.05%	12	7.47%	9	-4.31%	4.78%	-0.29
PSG Stable Fund	1.91%	16	9.15%	12	-5.19%	9.66%	-0.57	4.75%	13	7.50%	10	-2.99%	7.81%	-0.32
STANLIB Multi-Manager Defensive Balanced Fund	5.58%	8	6.87%	6	-1.48%	7.16%	-0.22	6.13%	9	5.84%	5	-1.68%	6.08%	-0.18
Truffle Low Equity Fund	9.85%	1	5.88%	2	3.10%	6.05%	0.47	*	*	*	*	*	*	*
			<i>Lower volatility = higher ranking</i>							<i>Lower volatility = higher ranking</i>				
			STATISTICS											
Range	7.93%							4.15%						
Highest	9.85%		11.62%		4.63%	11.21%	0.47	8.78%		9.72%		3.60%	9.29%	0.31
Upper Quartile	7.07%		9.16%		1.35%	8.25%	0.00	7.22%		7.51%		0.64%	7.19%	0.01
Median	5.68%		8.27%		0.71%	6.48%	-0.21	6.44%		6.93%		-0.93%	5.99%	-0.10
Average	5.29%		8.19%		-0.57%	5.81%	-0.14	6.27%		6.89%		-0.72%	5.22%	-0.10
Lower Quartile	4.15%		6.56%		-3.56%	2.69%	-0.35	5.33%		5.66%		-2.12%	2.74%	-0.26
Lowest	1.91%		5.74%		-5.32%	1.79%	-0.57	4.63%		5.16%		-4.31%	1.59%	-0.32
Number of participants	16		16		16	16	16	14		14		14	14	14

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# GLOBAL LARGE MANAGER WATCH™ SURVEY

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INVESTMENT DATA TO THE END OF JULY 2020																									
PERFORMANCE DATA																									
	Offshore - Gross/Net/Partial Net of fees	Month			Quarter			Year to Date			1 Year			3 Years (p.a.)			5 Years (p.a.)			7 Years (p.a.)			10 Years (p.a.)		
		Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark
INVESTMENT MANAGERS																									
Absa Asset Management Global Balanced	Net	0.71%	9	1.62%	6.39%	4	5.52%	-2.28%	7	-0.35%	0.21%	10	4.00%	3.48%	8	4.12%	4.37%	9	5.00%	6.80%	10	7.68%	9.43%	10	10.15%
Allan Gray	Net	0.51%	10	1.68%	3.49%	9	5.49%	-0.40%	5	0.44%	4.35%	5	4.64%	3.09%	10	4.46%	6.17%	2	5.05%	8.06%	4	7.41%	10.43%	6	10.01%
Coronation	Partial	2.39%	2	1.62%	8.02%	1	5.52%	0.98%	4	-0.35%	6.22%	4	4.00%	4.58%	4	4.12%	5.79%	3	5.00%	8.35%	2	7.68%	11.43%	3	10.15%
Foord Global Balanced	Net	1.36%	7	1.79%	4.53%	8	7.89%	6.98%	1	1.75%	12.90%	1	4.31%	5.53%	3	5.60%	5.38%	6	6.05%	8.00%	5	8.44%	11.44%	2	10.58%
Ninety One Segregated Full Discretion	Net	3.37%	1	1.62%	6.02%	6	5.52%	2.59%	3	-0.35%	7.51%	3	4.00%	6.01%	2	4.12%	6.30%	1	5.00%	9.80%	1	7.68%	11.52%	1	10.15%
Oasis	Net	1.15%	8	1.93%	1.62%	10	5.88%	-0.85%	6	-0.67%	3.61%	6	3.65%	3.94%	5	4.35%	4.09%	10	5.14%	6.87%	9	7.45%	9.58%	9	9.89%
OMIG MacroSolutions Balanced	Net	2.15%	3	2.32%	6.22%	5	6.63%	-2.39%	8	3.80%	1.82%	8	7.81%	3.62%	7	5.95%	4.53%	8	6.12%	7.52%	8	9.90%	9.85%	8	10.92%
Prudential Balanced	Gross	1.59%	6	1.62%	6.84%	2	5.52%	-2.65%	10	-0.35%	0.26%	9	4.00%	3.91%	6	4.12%	5.47%	4	5.00%	8.16%	3	7.68%	10.99%	4	10.15%
SIM Global Unique	Net	1.64%	5	1.62%	5.39%	7	5.52%	-2.47%	9	-0.35%	1.93%	7	4.00%	3.46%	9	4.12%	5.12%	7	5.00%	7.69%	6	7.68%	10.06%	7	10.15%
STANLIB AM	Gross	1.89%	4	1.93%	6.45%	3	5.91%	4.82%	2	-1.23%	7.66%	2	2.89%	6.92%	1	4.13%	5.99%	5	4.99%	7.68%	7	7.63%	10.80%	5	10.06%

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INVESTMENT DATA TO THE END OF JULY 2020															
RISK VS RETURN															
	Calculated on 3 year performance returns							Calculated on 5 year performance returns							
	3 Year Return (p.a.)	Rank	Volatility (Risk)	Rank	Active Return	Tracking Error	Sharpe Ratio	5 Year Return (p.a.)	Rank	Volatility (Risk)	Rank	Active Return	Tracking Error	Sharpe Ratio	
Absa Asset Management Global Balanced	3.48%	8	11.06%	3	-0.64%	3.31%	-0.33	4.37%	9	9.28%	3	-0.63%	2.81%	-0.30	
Allan Gray	3.09%	10	11.75%	7	-1.37%	2.75%	-0.34	6.17%	2	10.14%	7	1.12%	2.81%	-0.10	
Coronation	4.58%	4	11.69%	6	0.46%	2.19%	-0.22	5.79%	3	10.71%	9	0.79%	2.73%	-0.13	
Foord Global Balanced	5.53%	3	11.39%	4	-0.06%	5.31%	-0.14	5.38%	6	10.01%	5	-0.67%	4.83%	-0.18	
Ninety One Segregated Full Discretion	6.01%	2	11.98%	9	1.89%	2.31%	-0.09	6.30%	1	10.25%	8	1.30%	2.09%	-0.09	
Oasis	3.94%	5	9.73%	2	-0.41%	3.28%	-0.32	4.09%	10	8.83%	2	-1.05%	3.10%	-0.35	
OMIG MacroSolutions Balanced	3.62%	7	11.49%	5	-2.34%	2.70%	-0.30	4.53%	8	9.89%	4	-1.59%	2.39%	-0.27	
Prudential Balanced	3.91%	6	13.08%	10	-0.21%	2.60%	-0.24	5.47%	4	11.04%	10	0.47%	2.18%	-0.15	
SIM Global Unique	3.46%	9	11.91%	8	-0.66%	1.91%	-0.31	5.12%	7	10.13%	6	0.12%	2.01%	-0.20	
STANLIB AM	6.92%	1	9.63%	1	2.79%	3.48%	-0.02	5.39%	5	8.23%	1	0.40%	3.21%	-0.22	
			<i>higher ranking</i>						<i>higher ranking</i>						
			STATISTICS												
Range	3.83%							2.20%							
Highest	6.92%		13.08%		2.79%	5.31%	-0.02	6.30%		11.04%		1.30%	4.83%	-0.09	
Upper Quartile	5.30%		11.87%		0.33%	3.31%	-0.16	5.71%		10.22%		0.71%	3.03%	-0.14	
Median	4.12%		11.59%		-0.31%	2.73%	-0.27	5.03%		10.07%		0.26%	2.77%	-0.19	
Average	4.46%		11.37%		-0.06%	2.98%	-0.23	5.05%		9.85%		0.03%	2.82%	-0.20	
Lower Quartile	3.51%		11.14%		-0.65%	2.38%	-0.32	4.68%		9.43%		-0.66%	2.23%	-0.25	
Lowest	3.09%		9.63%		-2.34%	1.91%	-0.34	4.09%		8.23%		-1.59%	2.01%	-0.35	
Number of participants	10		10		10	10		10		10		10	10	10	

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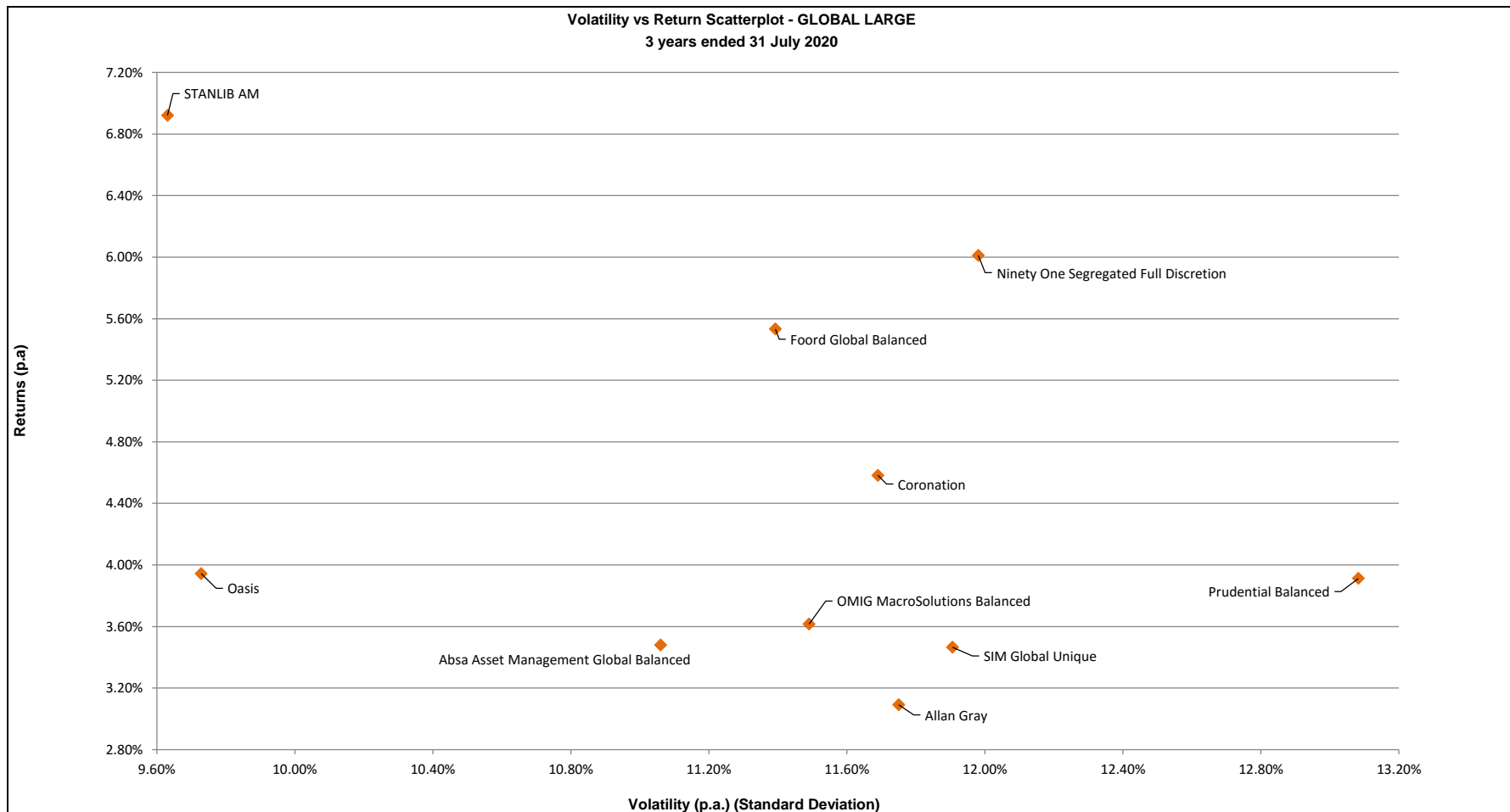
\* Performance figures are shown gross of fees.

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# GLOBAL LARGE MANAGER WATCH™ SURVEY



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# GLOBAL LARGE MANAGER WATCH™ SURVEY

Objective - The portfolios are balanced (i.e. multiple asset class) portfolios, subject to the restrictions imposed by Regulation 28 of the Pension Funds Act and are have exposure to both global and local assets. These statistics represent the various categories that portfolios are represented in but only for those managers that are open to new investments.

## GLOBAL INVESTABLE PERFORMANCE DATA ANALYSIS TO THE END OF JULY 2020

	Return - Month	Return - Quarter	Return - Year to Date	Return - 1 Year	Return - 3 Years (p.a.)	Return - 5 Years (p.a.)	Return - 7 Years (p.a.)	Return - 10 Years (p.a.)
<b>GLOBAL DYNAMIC</b>								
Highest	3.32%	8.59%	9.59%	16.36%	9.85%	9.89%	12.21%	13.59%
Upper Quartile	2.76%	6.05%	6.38%	13.38%	8.66%	7.63%	10.87%	12.27%
Median	2.15%	5.20%	-0.71%	4.60%	5.57%	6.36%	9.14%	11.36%
Average	2.01%	5.06%	2.27%	7.42%	5.78%	6.57%	9.08%	11.19%
Asset-weighted Average	1.78%	3.75%	7.46%	11.89%	8.02%	8.16%	10.07%	12.03%
Lower Quartile	1.57%	2.93%	-1.67%	2.30%	3.48%	5.05%	8.08%	10.51%
Lowest	-0.19%	2.11%	-2.48%	1.50%	1.53%	4.40%	6.42%	7.90%
Range	3.51%	6.48%	12.08%	14.86%	8.32%	5.49%	5.80%	5.69%
Number of Participants	8	8	8	8	8	8	7	4

<b>GLOBAL BIV</b>								
Highest	5.03%	8.02%	14.24%	23.72%	10.92%	8.02%	10.24%	11.58%
Upper Quartile	2.40%	6.84%	1.57%	6.02%	5.61%	5.90%	8.09%	11.16%
Median	1.93%	5.91%	-1.23%	2.89%	4.13%	4.99%	7.63%	10.06%
Average	1.93%	5.88%	-0.67%	3.65%	4.35%	5.14%	7.45%	9.89%
Asset-weighted Average	2.16%	5.59%	1.48%	5.85%	4.85%	5.94%	8.63%	11.20%
Lower Quartile	1.36%	5.35%	-2.91%	0.21%	2.99%	4.30%	7.52%	9.78%
Lowest	-0.15%	1.62%	-12.67%	-10.97%	-2.99%	1.74%	5.35%	8.11%
Range	5.18%	6.41%	26.91%	34.69%	13.91%	6.28%	4.89%	3.47%
Number of Participants	35	35	35	35	32	29	24	16

<b>GLOBAL CONSERVATIVE</b>								
Highest	2.37%	6.98%	8.10%	14.29%	9.85%	8.78%	9.73%	10.32%
Upper Quartile	1.65%	4.88%	3.57%	7.30%	7.07%	7.22%	8.49%	9.38%
Median	1.24%	4.50%	1.01%	4.07%	5.68%	6.44%	7.96%	9.18%
Average	1.25%	4.35%	0.26%	3.72%	5.29%	6.27%	7.69%	9.07%
Asset-weighted Average	1.16%	3.97%	3.27%	6.86%	6.82%	7.32%	8.59%	9.70%
Lower Quartile	0.94%	3.59%	-2.42%	0.43%	4.15%	5.33%	7.32%	8.95%
Lowest	0.03%	2.20%	-6.73%	-4.37%	1.91%	4.63%	6.56%	8.73%
Range	2.34%	4.78%	14.83%	18.65%	7.93%	4.15%	3.17%	1.59%
Number of Participants	16	16	16	16	16	14	12	8

<b>GLOBAL LMW</b>								
Highest	3.37%	8.02%	6.98%	12.90%	6.92%	6.30%	9.80%	11.52%
Upper Quartile	2.08%	6.44%	2.19%	7.19%	5.30%	5.71%	8.14%	11.32%
Median	1.62%	5.52%	-0.35%	4.00%	4.12%	5.00%	7.68%	10.15%
Average	1.68%	5.49%	0.44%	4.64%	4.46%	5.00%	7.34%	9.93%
Asset-weighted Average	1.98%	5.38%	1.58%	6.43%	4.72%	5.87%	8.62%	11.02%
Lower Quartile	1.20%	4.74%	-2.36%	1.84%	3.51%	4.68%	7.56%	9.90%
Lowest	0.51%	1.62%	-2.65%	0.21%	3.09%	4.09%	6.80%	9.43%
Range	2.86%	6.41%	9.63%	12.69%	3.83%	2.20%	2.99%	2.09%
Number of Participants	10	10	10	10	10	10	10	10

\*\* Median Compounded : The longer term median returns reflected are calculated by compounding the monthly median returns over the various periods.

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# GLOBAL LARGE MANAGER WATCH™ SURVEY

Objective - The portfolios are balanced (i.e. multiple asset class) portfolios, subject to the restrictions imposed by Regulation 28 of the Pension Funds Act and are have exposure to both global and local assets. These statistics represent the various categories that portfolios are represented in, regardless of whether these asset managers are open to new investments or not.

GLOBAL NON INVESTABLE PERFORMANCE DATA ANALYSIS TO THE END OF JULY 2020								
	Return - Month	Return - Quarter	Return - Year to Date	Return - 1 Year	Return - 3 Years (p.a.)	Return - 5 Years (p.a.)	Return - 7 Years (p.a.)	Return - 10 Years (p.a.)
<b>GLOBAL DYNAMIC</b>								
Median	2.15%	5.20%	-0.71%	4.60%	5.57%	6.72%	9.36%	11.53%
Average	2.01%	5.06%	2.27%	7.42%	5.78%	6.69%	9.12%	11.14%
Asset-weighted Average	1.78%	3.75%	7.46%	11.89%	8.02%	8.16%	10.07%	12.03%
Number of Participants	8	8	8	8	8	8	7	4
<b>GLOBAL CONSERVATIVE</b>								
Median	1.24%	4.50%	1.01%	4.07%	5.68%	6.44%	7.96%	9.21%
Average	1.25%	4.35%	0.26%	3.72%	5.29%	6.27%	7.69%	9.02%
Asset-weighted Average	1.16%	3.97%	3.27%	6.86%	6.82%	7.32%	8.59%	9.70%
Number of Participants	16	16	16	16	16	14	12	8
<b>GLOBAL BIV</b>								
Median	1.93%	5.91%	-1.23%	2.89%	4.13%	4.97%	7.63%	10.08%
Average	1.93%	5.88%	-0.67%	3.65%	4.35%	5.16%	7.49%	9.93%
Asset-weighted Average	2.16%	5.59%	1.48%	5.85%	4.85%	5.94%	8.63%	11.20%
Number of Participants	35	35	35	35	32	29	24	16
<b>GLOBAL LMW</b>								
Median	1.62%	5.52%	-0.35%	4.00%	4.12%	5.03%	7.70%	10.16%
Average	1.68%	5.49%	0.44%	4.64%	4.46%	5.05%	7.41%	10.01%
Asset-weighted Average	1.98%	5.38%	1.58%	6.43%	4.72%	5.87%	8.62%	11.02%
Number of Participants	10	10	10	10	10	10	10	10

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# MARKET DATA

MARKET DATA TO THE END OF JULY 2020								
PERFORMANCE DATA								
	Month	Quarter	Year to Date	1 Year	3 Years (p.a.)	5 Years (p.a.)	7 Years (p.a.)	10 Years (p.a.)
<b>INDEX RETURNS INCLUDING INCOME &amp; INFLATION</b>								
FTSE / JSE All Share Index (Free Float)	2.56%	10.83%	-0.68%	1.58%	3.63%	4.58%	7.65%	10.31%
FTSE / JSE Capped All Share Index	2.89%	10.94%	-2.41%	0.02%	2.60%	3.89%	7.17%	10.02%
FTSE / JSE SWIX All Share Index	2.37%	9.57%	-4.10%	-1.69%	0.72%	2.59%	6.91%	9.99%
FTSE/JSE Mid Cap Index	1.71%	8.11%	-24.40%	-14.49%	-4.43%	0.08%	3.94%	7.44%
FTSE/JSE Small Cap Index	1.29%	9.15%	-19.93%	-22.34%	-11.44%	-5.49%	0.90%	6.37%
FTSE/JSE SA Listed Property Index	-3.19%	8.97%	-39.55%	-41.19%	-20.18%	-10.55%	-2.36%	3.67%
All Bond	0.61%	6.44%	0.97%	4.25%	7.79%	7.40%	7.49%	7.93%
JSE ASSA SA Gov ILB Index	-1.67%	-0.61%	-3.71%	-5.01%	0.23%	1.38%	3.38%	5.82%
OTHI Index	0.99%	6.68%	1.67%	5.35%	9.02%	7.79%	8.18%	8.63%
GOVI Index	0.54%	6.40%	0.85%	4.03%	7.42%	7.30%	7.32%	7.77%
Alexander Forbes Money Market	0.34%	1.16%	3.37%	6.35%	7.00%	7.12%	6.78%	6.46%
Short Term Fixed Interest Rate Index	0.42%	1.36%	3.62%	6.66%	7.10%	7.18%	6.81%	6.47%
Consumer Price Inflation (Headline CPI) [I-Net code: AECPI]	0.52%	-0.61%	1.23%	2.22%	3.75%	4.51%	4.84%	5.00%
Barclays Capital Global Aggregate	-1.17%	-6.35%	25.39%	23.30%	10.44%	6.93%	9.22%	9.95%
MSCI World Index (Rands)	2.73%	4.69%	20.65%	29.53%	17.72%	14.81%	17.67%	19.96%
FTSE WGBI (was CITI WGBI) (Rands)	1.57%	-3.10%	31.35%	30.85%	13.87%	10.79%	10.79%	11.41%

QUANTITATIVE ANALYSIS	Calculated on rolling performance returns	
	Volatility (3 years)	Volatility (5 years)
FTSE / JSE All Share Index (Free Float)	16.68%	14.83%
FTSE / JSE Capped All Share Index	16.61%	14.70%
FTSE / JSE SWIX All Share Index	17.36%	15.23%
FTSE/JSE Mid Cap Index	20.15%	18.25%
FTSE/JSE Small Cap Index	18.65%	16.82%
FTSE/JSE SA Listed Property Index	27.82%	22.84%
All Bond	9.56%	8.89%
JSE ASSA SA Gov ILB Index	15.43%	12.17%
OTHI Index	9.04%	9.02%
GOVI Index	9.69%	8.82%
Alexander Forbes Money Market	0.21%	0.18%
Short Term Fixed Interest Rate Index	0.15%	0.15%
Barclays Capital Global Aggregate	18.34%	17.21%
MSCI World Index (Rands)	17.55%	16.63%
FTSE WGBI (was Citi WGBI) (Rands)	18.02%	16.68%

\* The risk-free rate used in the quantitative calculations is the South African 3 month Treasury Bill

International Indices sourced from Morningstar

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\* Past performance is not necessarily a guide to future performance.

# MANAGER WATCH™ SURVEY

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### General :

Managers are ranked from highest to lowest active return. In some cases rankings may be different due to return differences disguised by the rounding. Rankings are purely for illustrative purposes.

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### Statistical Definitions :

The Median is the value above or below which half the managers fall.

The Upper Quartile is the value above which one quarter of the managers fall.

The Lower Quartile is the value below which one quarter of the managers fall.

### Risk Analysis Definitions :

"Volatility" is the annualised standard deviation of the manager's monthly returns.

"Volatility" is a measure of the variability of the manager's returns.

"Return to Risk" is the return divided by the "Volatility".

"Return to Risk" is a measure of the return earned per unit of risk taken.

"Active return" is the return earned by the manager less the return on the benchmark.

"Active Return" is a measure of the value that the manager has added or detracted over the benchmark return.

"Tracking Error" is the annualised standard deviation of the monthly "Active Returns".

"Tracking Error" is a measure of the variability of the manager's returns relative to the benchmark returns.

"Sharpe Ratio" is the return earned by the portfolio less a risk-free rate divided by the "Volatility" of the portfolio.

"Sharpe Ratio" is a measure of what amount of the performance is due to smart investment decisions versus excessive risk.

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