

# Manager Watch™ Series of Surveys for the month ending June 2022



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**Best Investment Survey Provider**  
at the Africa Global Funds Awards for 2019, 2020 and 2021

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# 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.

GENERAL INFORMATION							
	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)
INVESTMENT MANAGERS							
Absa Asset Management Domestic Balanced	V	Segregated	Y	65% FTSE/JSE Capped Swix; 35% I2050	06 July 2022	1	504
Aeon Domestic Balanced Fund	C	Segregated	Y	CPI +5%	13 July 2022	1	1 039
Alexander Forbes Investments Performer Local	N/A	Pooled	Y	SA LMW Median	13 July 2022	N/A	3 678
Allan Gray Domestic Balanced	V	Segregated	Y	SA LMW Average	13 July 2022	10	38 567
Coronation Domestic Mandate	V	Segregated	Y	SA LMW Median	11 July 2022	11	12 549
Counterpoint SCI Managed P&G Fund		Pooled		CPI + 6% p.a. over rolling 60-month periods	13 July 2022	3	1 174
Foord Domestic Balanced	V	Segregated	Y	65% ALSI, 5% PROP, 25% ALBI, 5% STFCAD	06 July 2022	6	4 034
Laurium Domestic Balanced Fund	V	Unit trust	Y	70% Capped SWIX, 20% ALBI, 5% CILI, 5% STeFi	12 July 2022	1	392
M&G Domestic Balanced	V	Segregated	Y	SA LMW Median	07 July 2022	5	37 671
Nedgroup Investments (Truffle) Managed Fund	N/A	Unit Trust	Y	ASISA SA MA High Equity	13 July 2022	N/A	1 366
Ninety One Segregated Domestic Mandate	V	Segregated	Y	SA LMW Median	12 July 2022	20	49 935
Perpetua Domestic Balanced	N/A	Segregated	Y	70% Capped SWIX, 20% ALBI, 5% CILI, 5% STeFi	14 July 2022	1	401
Truffle Domestic Balanced	N/A	Segregated	Y	SA LMW Median	08 July 2022	8	24 786
Vunani FM SA Balanced Fund	V	Segregated	Y	SA LMW Median	11 July 2022	1	354
<b>Total</b>							<b>176 450</b>

BEE AND ESG DETAILS AS AT THE END OF JUNE 2022

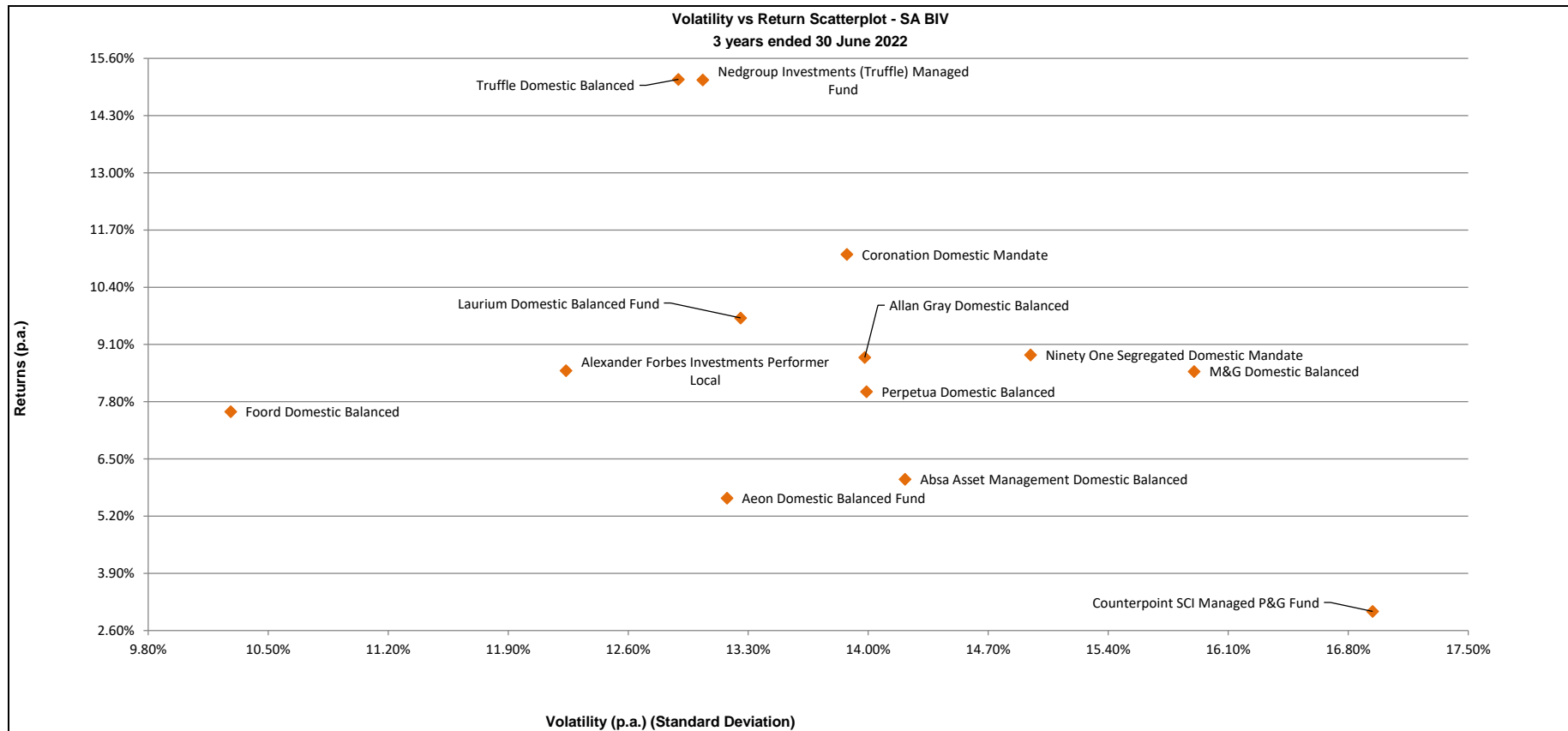
Manager	Empowerment Rating	Total empowerment Shareholding (%)	Empowerment Shareholding		We endorse/are signatories to:	
			Ownership/Partner(s)	Empowerment shareholding composition as a percentage of total empowerment ownership	CRISA (Code for Responsible Investing in South Africa)	PRI (United Nations Principles for Responsible Investing)
Absa Asset Management	Level 1	17.56%	Absa Group Limited	100.00%	Yes	Yes
Aeon Investment Management	Level 1	95.00%	Aeon Investment Management Staff Share Trust	30.00%		
Alexander Forbes Investments	Level 1	57.07%	ZAR Trust	70.00%	Yes	Yes
Allan Gray	Level 1	31.80%	Flow-through from Alexforbes Group Holdings	100.00%	Yes	Yes
Ashburton	Level 1	30.10%	E2 Investments Proprietary Limited	55.97%		
Balondolozzi Investment Services	Level 1	54.07%	Employee Empowerment Share Trust	44.03%	Yes	Yes
Camissa Asset Management	Level 1	64.61%	BEE Partners Shareholding	17.28%		
ClucasGray	Level 4	0.00%	Other	70.76%		
Coronation	Level 1	29.51%	Royal Bafokeng Holdings (Pty) Ltd	11.96%	Yes	Yes
Fairtree Asset Management	Level 4	15.00%	Balondolozzi Employee Trust Fund	49.00%		
Foord	Level 4	22.40%	Pedro Samuel Family Trust	51.00%	Yes	Yes
Laurium Capital	No Rating	3.12%	Camissa Asset Management staff	74.00%		
MandG Investments	Level 1	31.57%	Sinayo Capital	26.00%	Yes	Yes
Matrix Fund Managers	Level 1	27.70%	None	0.00%	No	No
Momentum AM	Level 1	52.05%	Black Staff	33.65%		
Nedgroup Investments	Level 1	28.00%	Black-non-staff	10.71%		
Ninety One	Level 1	26.22%	Imvula	55.64%	Yes	Yes
NorthStar	N/A	0.00%	Family Trust	100.00%	Yes	No
Oasis Group Holdings	Level 1	100.00%	Black senior management	10.71%		
Obsidian Capital	*	*	Imbewu Yethu Empowerment Investments (RF)(Pty) Ltd	89.29%	Yes	Yes
Old Mutual Multi-Managers	Level 1	22.60%	Black Staff	100.00%	Yes	Yes
OMIG	Level 1	28.79%	MandG Staff	30.32%		
Perpetua Investment Managers	Level 2	90.08%	Thesele Group	69.68%	Yes	Yes
Prescient	Level 1	54.99%	Employees	17.36%		
PSG Asset Management	Level 8	8.36%	Sanlam Investment Holdings	82.64%	Yes	Yes
Rezco	Level 2	51.10%	Coronation Asset Management Shareholder	20.90%		
Sanlam Collective Investments	Level 3	48.71%	Government Employees Pension Fund	8.70%		
Sanlam Multi-Managers	Level 2	57.22%	Kagiso Tiso	7.40%		
Sasfin Asset Managers	Level 1	25.20%	Other shareholders	36.70%		
SIM	Level 2	57.22%	Rand Merchant Investment Holdings	26.30%	Yes	Yes
STANLIB	Level 2	23.73%	Nedbank Limited	100.00%	Yes	No
STANLIB Multi Managers	Level 2	22.90%	Ninety One Limited	100.00%	Yes	Yes
Truffle	Level 1	23.50%	*	*	Yes	Yes
Vunani Fund Managers	Level 1	74.80%	Oasis Group Holdings (Pty) Ltd	100.00%	Yes	Yes
Weaver Investment Management	Level 2	53.00%	Flow-through from Old Mutual Life Assurance Company (SA)	100.00%	Yes	Yes
			Flow-through from Old Mutual Limited	100.00%	Yes	Yes
			Perpetua Management and Staff	85.00%		
			RMI Investment Managers	15.00%	Yes	Yes
			Prescient South Africa (Pty) Ltd	100.00%	Yes	Yes
			Empowerment Shareholding	100.00%	Yes	Yes
			The Rezco Foundation NPC	100.00%	Yes	No
			Flow-through from Sanlam Limited	100.00%	Yes	Yes
			ARC Financial Services (Pty) Ltd	25.00%		
			Sanlam Limited	75.00%	Yes	No
			Sasfin Holdings Limited	100.00%	Yes	No
			ARC Financial Services (Pty) Ltd	25.00%		
			Sanlam Limited	75.00%	Yes	Yes
			Liberty Group	100.00%	Yes	Yes
			Liberty Group	100.00%	Yes	Yes
			RMI Investment Managers	88.94%		
			Staff	11.06%	Yes	No
			Lexshell 630 Investments (Pty) Ltd	11.00%		
			Tocosize Pty Ltd	30.00%		
			Vunani Capital	59.00%	Yes	Yes
			Miya Investments (Pty) Ltd	18.87%		
			Owen Khumalo	81.13%	No	No

\*data not submitted





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



# 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.

GENERAL INFORMATION							
	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)
INVESTMENT MANAGERS							
Alexander Forbes Investments Conserver Local	N/A	Pooled	Y	40% Capped SWIX, 30% STeFI Call, 30% ALBI	13 July 2022	N/A	9 191
Allan Gray Life Domestic Stable Portfolio	V	Pooled	Y	STeFI + 2 %	13 July 2022	N/A	1 425
Counterpoint SCI Stable P&G Fund		Pooled	Y	CPI + 4% p.a. over rolling 60-month periods	13 July 2022	3	502
M&G Domestic Conservative Balanced	V	Segregated	Y	The total fund is benchmarked against the Bespoke Benchmark	07 July 2022	1	2 657
				<b>Total</b>			<b>13 775</b>

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INVESTMENT DATA TO THE END OF JUNE 2022																								
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																								
Alexander Forbes Investments Conserver Local	-2.88%	1	-3.90%	-2.52%	1	-5.33%	0.39%	2	-2.54%	7.61%	4	4.01%	8.86%	1	6.02%	8.90%	1	6.51%	8.02%	2	6.01%	8.53%	2	7.69%
Allan Gray Life Domestic Stable Portfolio	-3.46%	2	0.56%	-3.33%	2	1.65%	1.34%	1	3.19%	8.92%	2	6.18%	7.59%	3	6.93%	7.89%	3	7.78%	8.58%	1	8.13%	8.45%	3	7.94%
Counterpoint SCJ Stable P&G Fund	-4.49%	4	1.02%	-5.54%	4	3.31%	-2.47%	4	5.76%	12.78%	1	10.88%	4.17%	4	9.18%	3.30%	4	8.98%	4.05%	4	9.24%	*		*
M&G Domestic Conservative Balanced	-4.10%	3	-3.90%	-4.41%	3	-5.24%	-1.01%	3	-2.31%	7.75%	3	4.40%	7.92%	2	6.35%	8.62%	2	6.80%	7.91%	3	6.27%	9.68%	1	7.92%

# S.A. MANAGER WATCH™ SURVEY - CONSERVATIVE

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INVESTMENT DATA TO THE END OF JUNE 2022														
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 Local	8.86%	1	7.47%	1	2.85%	2.55%	0.52	8.90%	1	6.30%	1	2.39%	2.21%	0.47
Allan Gray Life Domestic Stable Portfolio	7.59%	3	9.22%	2	0.66%	9.33%	0.28	7.89%	3	7.59%	2	0.11%	7.67%	0.26
Counterpoint SCI Stable P&G Fund	4.17%	4	12.85%	4	-5.01%	13.10%	-0.07	3.30%	4	10.82%	4	-5.68%	11.02%	-0.24
M&G Domestic Conservative Balanced	7.92%	2	10.60%	3	1.57%	2.16%	0.27	8.62%	2	8.88%	3	1.83%	1.93%	0.30
<i>Lower volatility = higher ranking</i>							<i>Lower volatility = higher ranking</i>							
STATISTICS														
Range	4.69%							5.60%						
Highest	8.86%		12.85%		2.85%	13.10%	0.52	8.90%		10.82%		2.39%	11.02%	0.47
Upper Quartile	8.15%		11.16%		1.89%	10.27%	0.34	8.69%		9.36%		1.97%	8.51%	0.35
Median	7.75%		9.91%		1.11%	5.94%	0.28	8.26%		8.23%		0.97%	4.94%	0.28
Average	7.13%		10.03%		0.02%	6.79%	0.25	7.18%		8.40%		-0.34%	5.71%	0.20
Lower Quartile	6.73%		8.78%		-0.76%	2.45%	0.19	6.75%		7.26%		-1.33%	2.14%	0.13
Lowest	4.17%		7.47%		-5.01%	2.16%	-0.07	3.30%		6.30%		-5.68%	1.93%	-0.24
Number of participants	4		4		4	4	4	4		4		4	4	4

# 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 Abexforbes.

INVESTMENT DATA TO THE END OF JUNE 2022																								
	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	-4.57%	3	-6.40%	-3.45%	1	-6.38%	-1.20%	3	-3.86%	9.98%	3	7.51%	6.04%	6	5.12%	5.89%	5	6.19%	5.50%	5	5.59%	7.79%	6	8.22%
Allan Gray Domestic Balanced	-4.50%	2	-5.00%	-4.60%	2	-5.69%	0.85%	1	-2.02%	10.34%	2	8.45%	8.80%	3	8.54%	7.40%	4	7.47%	7.97%	1	6.53%	9.62%	4	8.71%
Coronation Domestic Mandate	-5.44%	4	-5.01%	-6.55%	5	-5.83%	-4.40%	6	-2.44%	7.68%	4	7.35%	11.15%	1	7.89%	8.39%	1	7.29%	7.03%	4	6.31%	10.09%	1	8.70%
Foord Domestic Balanced	-3.66%	1	-6.47%	-4.94%	3	-9.10%	-3.12%	4	-6.41%	4.68%	6	3.73%	7.58%	5	6.83%	5.79%	6	7.73%	4.87%	6	6.67%	8.80%	5	9.20%
M&G Domestic Balanced	-5.59%	5	-5.01%	-6.16%	4	-5.83%	-1.04%	2	-2.44%	10.95%	1	7.35%	8.49%	4	7.89%	8.21%	3	7.29%	7.04%	3	6.31%	9.68%	3	8.70%
Ninety One Segregated Domestic Mandate	-6.23%	6	-5.01%	-8.44%	6	-5.83%	-3.24%	5	-2.44%	6.88%	5	7.35%	8.86%	2	7.89%	8.37%	2	7.29%	7.12%	2	6.31%	10.08%	2	8.70%

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INVESTMENT DATA TO THE END OF JUNE 2022														
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	6.04%	6	14.21%	4	0.92%	5.07%	0.07	5.89%	5	11.66%	2	-0.30%	4.53%	0.00
Allan Gray Domestic Balanced	8.80%	3	13.98%	3	0.26%	2.44%	0.27	7.40%	4	11.94%	3	-0.06%	2.31%	0.12
Coronation Domestic Mandate	11.15%	1	13.88%	2	3.26%	3.43%	0.44	8.39%	1	12.09%	4	1.11%	3.04%	0.20
Foord Domestic Balanced	7.58%	5	10.28%	1	0.75%	5.78%	0.25	5.79%	6	9.29%	1	-1.95%	5.24%	-0.02
M&G Domestic Balanced	8.49%	4	15.90%	6	0.60%	2.86%	0.22	8.21%	3	13.48%	6	0.93%	2.50%	0.17
Ninety One Segregated Domestic Mandate	8.86%	2	14.95%	5	0.97%	3.11%	0.26	8.37%	2	12.82%	5	1.08%	2.77%	0.19
			<i>Lower volatility = higher ranking</i>								<i>Lower volatility = higher ranking</i>			
STATISTICS														
Range	5.11%							2.61%						
Highest	11.15%		15.90%		3.26%	5.78%	0.44	8.39%		13.48%		1.11%	5.24%	0.20
Upper Quartile	8.85%		14.76%		0.96%	4.66%	0.27	8.33%		12.64%		1.04%	4.15%	0.18
Median	7.89%		14.10%		0.83%	3.27%	0.25	7.29%		12.02%		0.43%	2.90%	0.15
Average	8.54%		13.87%		1.13%	3.78%	0.25	7.47%		11.88%		0.14%	3.40%	0.11
Lower Quartile	7.80%		13.90%		0.64%	2.92%	0.23	6.27%		11.73%		-0.24%	2.57%	0.03
Lowest	6.04%		10.28%		0.26%	2.44%	0.07	5.79%		9.29%		-1.95%	2.31%	-0.02
Number of participants	6		6		6	6	6	6		6		6	6	6

# S.A. LARGE MANAGER WATCH™ SURVEY







# 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).

GENERAL INFORMATION								
	GIPS™ (Verified/ Compliant)	Portfolio Type	Offshore - Gross/Net/Partial Net of fees	Regulation 28 Compliant Certification (Y/N)	Benchmark Description	Admin - efficiency : Date data submitted	No.of funds in composite	Portfolio Size (R m)
INVESTMENT MANAGERS								
Allan Gray Life Global Absolute Portfolio	V	Pooled	Partial	Y	Global LMW Average	13 July 2022	N/A	2 206
Coronation (Managed)	V	Pooled	Partial	Y	Global LMW Average	11 July 2022	1	13 058
Laurium Flexible Prescient Fund	V	Unit Trust	Gross	N	CPI + 5%	12 July 2022	1	3 194
Momentum Investments Flexible Factor 6		Pooled	Partial		42.5% FTSE/JSE Capped SWIX , 15% ALBI, 13% STeFI, 4% FTSE/JSE SA Listed Property , 20% MSCI WRLD (SEI), 3.5% WGBI, 2% D-FTSE EPRA/NAREIT Dev_Mstar GBP	14 July 2022	N/A	653
Momentum Investments Flexible Factor 7		Pooled	Partial		50% FTSE/JSE Capped SWIX , 10% ALBI, 7.5% STeFI, 5% FTSE/JSE SA Listed Property , 22.5% MSCI WRLD (SEI), 2.5% WGBI, 2.5% D-FTSE EPRA/NAREIT Dev_Mstar GBP	14 July 2022	N/A	2 367
Ninety One Managed	V	Pooled	Net	Y	Global LMW Median	12 July 2022	1	28 539
Ninety One Opportunity Composite	V	Pooled	Net	Y	Headline CPI + 6%	12 July 2022	11	67 042
Old Mutual Multi-Manager Max 28	V	Pooled	Net	Y	CPI + 6.5%	11 July 2022	1	868
Truffle SCI Flexible Fund	N/A	Unit trust	Gross	N	CPI + 5%	08 July 2022	1	8 468
					<b>Total</b>			<b>126 395</b>

# 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 volatility of returns in the short-term (i.e. less than one year).

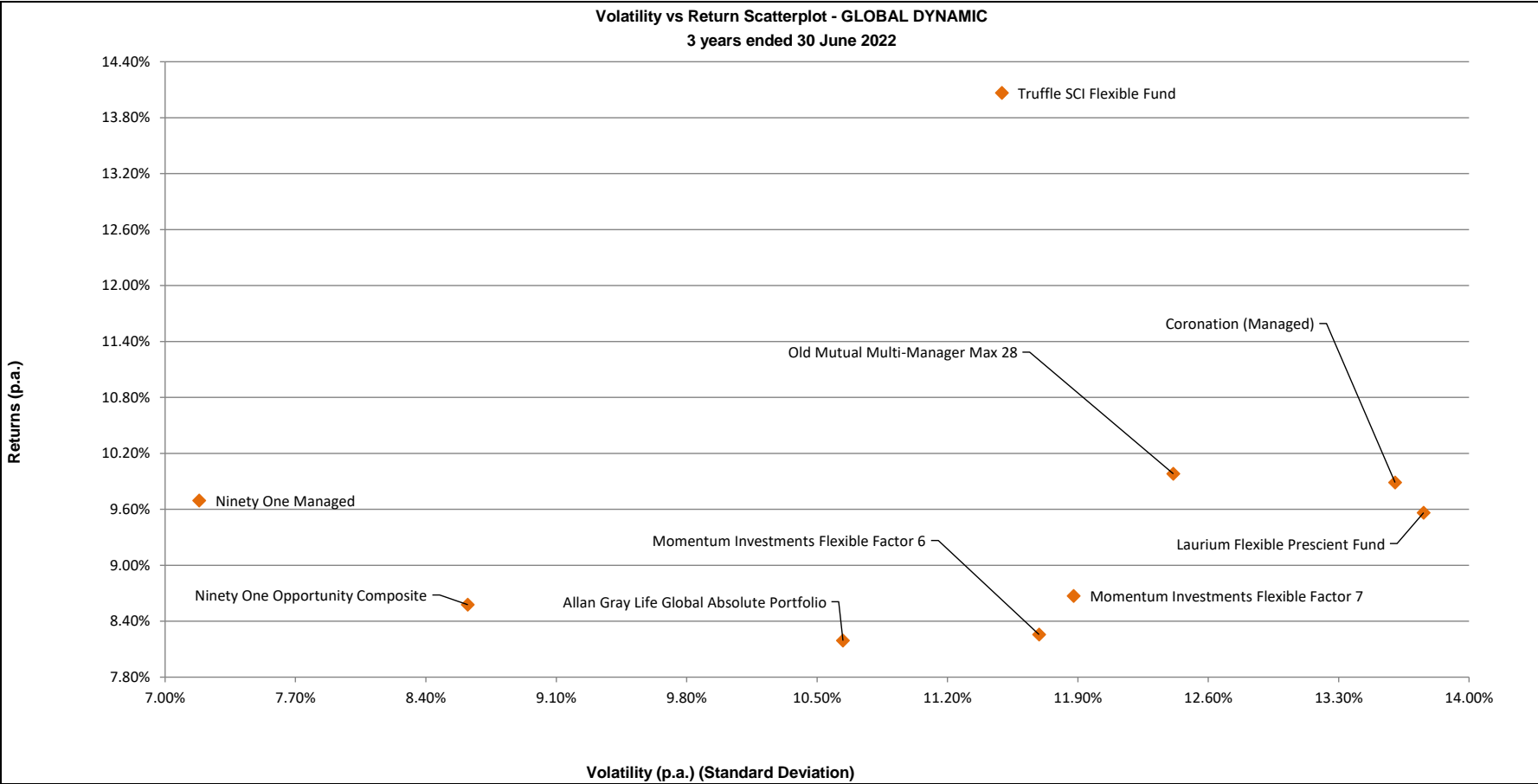
INVESTMENT DATA TO THE END OF JUNE 2022																								
PERFORMANCE DATA																								
	Month			Quarter			Year to Date			1 Year			3 Years (p.a.)			5 Years (p.a.)			7 Years (p.a.)			10 Years (p.a.)		
	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark	Portfolio	Rank	Benchmark
INVESTMENT MANAGERS																								
Allan Gray Life Global Absolute Portfolio	-2.76%	3	-4.36%	-0.83%	2	-5.36%	1.60%	1	-5.83%	10.49%	1	4.30%	8.19%	9	8.00%	6.31%	8	7.43%	7.22%	7	6.66%	8.39%	6	9.59%
Coronation (Managed)	-5.36%	8	-4.36%	-6.41%	9	-5.36%	-6.75%	8	-5.83%	3.05%	8	4.30%	9.89%	3	8.00%	7.59%	6	7.43%	7.46%	5	6.62%	11.21%	2	9.51%
Laurium Flexible Precsient Fund	-4.79%	7	1.09%	-4.19%	5	3.51%	-1.95%	3	6.15%	9.04%	2	11.53%	9.56%	5	9.57%	9.00%	3	9.51%	8.00%	4	9.88%	-	-	-
Momentum Investments Flexible Factor 6	-3.67%	4	-4.60%	-4.94%	7	-6.68%	-5.88%	6	-6.81%	6.61%	5	3.25%	8.26%	8	4.29%	7.54%	7	5.30%	7.14%	8	5.43%	10.40%	4	9.24%
Momentum Investments Flexible Factor 7	-3.78%	5	-5.22%	-5.15%	8	-7.66%	-6.07%	7	-7.69%	6.51%	6	3.47%	8.67%	6	4.69%	7.94%	5	5.34%	7.34%	6	5.34%	10.79%	3	9.59%
Ninety One Managed	-2.48%	2	-4.37%	-2.45%	4	-5.06%	-3.31%	4	-5.47%	3.93%	7	4.69%	9.69%	4	7.92%	9.57%	2	7.32%	9.57%	1	6.78%	11.98%	1	9.83%
Ninety One Opportunity Composite	-2.29%	1	1.14%	-1.67%	3	3.70%	-7.27%	9	6.64%	2.30%	9	12.56%	8.58%	7	10.92%	8.19%	4	10.72%	8.46%	3	11.03%	10.23%	5	11.20%
Old Mutual Multi-Manager Max 28	-4.23%	6	1.21%	-4.88%	6	3.87%	-5.82%	5	6.88%	6.79%	4	13.03%	9.98%	2	11.07%	-	-	-	-	-	-	-	-	-
Truffle SCI Flexible Fund	-5.38%	9	1.09%	-0.45%	1	3.51%	0.98%	2	6.15%	8.70%	3	11.53%	14.07%	1	9.57%	11.12%	1	9.51%	9.41%	2	9.88%	-	-	-

# 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 volatility of returns in the short-term (i.e. less than one year).

INVESTMENT DATA TO THE END OF JUNE 2022														
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
Allan Gray Life Global Absolute Portfolio	8.19%	9	10.64%	3	0.19%	3.52%	0.30	6.31%	8	10.27%	3	-1.12%	3.60%	0.04
Coronation (Managed)	9.89%	3	13.60%	8	1.89%	3.34%	0.36	7.59%	6	11.98%	7	0.17%	3.25%	0.14
Laurium Flexible Prescient Fund	9.56%	5	13.76%	9	0.00%	14.15%	0.33	9.00%	3	12.02%	8	-0.51%	12.31%	0.26
Momentum Investments Flexible Factor 6	8.26%	8	11.69%	5	3.96%	3.23%	0.28	7.54%	7	10.48%	4	2.24%	3.06%	0.15
Momentum Investments Flexible Factor 7	8.67%	6	11.88%	6	3.98%	3.84%	0.31	7.94%	5	10.73%	6	2.60%	3.67%	0.19
Ninety One Managed	9.69%	4	7.18%	1	1.77%	7.82%	0.65	9.57%	2	7.65%	1	2.25%	6.34%	0.48
Ninety One Opportunity Composite	8.58%	7	8.63%	2	-2.35%	8.77%	0.41	8.19%	4	8.48%	2	-2.52%	8.67%	0.27
Old Mutual Multi-Manager Max 28	9.98%	2	12.41%	7	-1.08%	12.82%	0.40	*		*		*	*	*
Truffle SCI Flexible Fund	14.07%	1	11.49%	4	4.50%	11.78%	0.79	11.12%	1	10.49%	5	1.61%	10.71%	0.49
<i>Lower volatility = higher ranking</i>							<i>Lower volatility = higher ranking</i>							
STATISTICS														
Range	5.87%							4.81%						
Highest	14.07%		13.76%		4.50%	14.15%	0.79	11.12%		12.02%		2.60%	12.31%	0.49
Upper Quartile	9.89%		12.41%		3.96%	11.78%	0.41	9.14%		11.04%		2.24%	9.18%	0.32
Median	9.64%		11.69%		1.77%	7.82%	0.36	9.10%		10.48%		0.89%	5.01%	0.22
Average	9.97%		11.25%		1.43%	7.70%	0.43	8.81%		10.26%		0.59%	6.45%	0.25
Lower Quartile	8.58%		10.64%		0.00%	3.52%	0.31	7.58%		9.82%		-0.66%	3.51%	0.15
Lowest	8.19%		7.18%		-2.35%	3.23%	0.28	6.31%		7.65%		-2.52%	3.06%	0.04
Number of participants	9		9		9	9	9	8		8		8	8	8

# GLOBAL MANAGER WATCH™ SURVEY - DYNAMIC



# 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.

GENERAL INFORMATION								
	GIPS™ (Verified/ Compliant)	Portfolio Type	Offshore - Gross/Net/Partial Net of fees	Regulation 28 Compliant Certification (Y/N)	Benchmark Description	Admin - efficiency : Date data submitted	No. of funds in composite	Portfolio Size (R. m)
INVESTMENT MANAGERS								
Absa Asset Management Global Balanced	V	Pooled	Net	Y	Global LMW Median	06 July 2022	4	4 795
Aeon Balanced Fund (CPI + 5%)	C	Pooled	Gross	Y	CPI + 5% (STeFI + 3% prior Jan 18)	13 July 2022	2	390
Alexander Forbes Investments (Performer)	N/A	Pooled	Gross	Y	Global LMW Median	13 July 2022	N/A	176 789
Alexander Forbes Investments (Spectrum)	N/A	Pooled	Gross	Y	Global LMW Average	13 July 2022	N/A	775
Allan Gray Global Balanced	V	Segregated	Net	Y	Global LMW Average (Non Investable)	13 July 2022	14	39 527
Ashburton Global Balanced Composite	C	Pooled	Gross	Y	Market Value Weighted Average Return of ASISA Multi Asset – High Equity Category excluding the Ashburton Balanced Fund.	11 July 2022	1	355
Balondolzi Active Balanced Fund	C	Segregated	Gross	Y	Headline CPI + 5%	14 July 2022	2	402
Camissa Global Balanced Fund	V	Segregated	Net	Y	Global LMW Median	14 July 2022	3	481
ClucasGray Equilibrium Prescient fund	N/A	Unit trust	Gross	Y	Market value-weighted average return of ASISA category - South African Multi-Asset High Equity	07 July 2022	1	1 098
Coronation Segregated Full Discretion	V	Segregated	Partial	Y	Global LMW Median	11 July 2022	12	23 029
Fairtree Balanced Prescient Fund	N/A	Unit trust	Gross	Y	South African - Multi Asset - High Equity Category Average	07 July 2022	N/A	2 264
Foord Global Balanced	V	Segregated	Net	Y	55% ALSI, 9% MSCI, 6% CITI, 5% PROP, 20% ALBI, 5% STFCAD	06 July 2022	5	27 162
Laurium Global Balanced Fund	V	Unit trust	Gross	Y	ASISA South African MA High Equity	12 July 2022	1	3 405
M&G Balanced	V	Segregated	Gross	Y	Global LMW Median	07 July 2022	7	11 007
Momentum Investments Classic Factor 6		Pooled	Partial		42.5% FTSE/JSE Capped SWIX, 15% ALBI, 13% STeFI, 4% FTSE/JSE SA Listed Property, 20% MSCI WRLD (SEI), 3.5% WGBI, 2% D-FTSE EPRA/NAREIT Dev. Mstar GBP	14 July 2022	N/A	2 470
Momentum Investments Enhanced Factor 6		Pooled	Partial		42.5% FTSE/JSE Capped SWIX, 15% ALBI, 13% STeFI, 4% FTSE/JSE SA Listed Property, 20% MSCI WRLD (SEI), 3.5% WGBI, 2% D-FTSE EPRA/NAREIT Dev. Mstar GBP	14 July 2022	N/A	3 401
Momentum Investments Target Factor 6	N/A	Pooled	Gross		42.5% FTSE/JSE Capped SWIX, 15% ALBI, 13% STeFI, 4% FTSE/JSE SA Listed Property, 20% MSCI WRLD (SEI), 3.5% WGBI, 2% D-FTSE EPRA/NAREIT Dev. Mstar GBP	14 July 2022	N/A	259
Nedaroup Investments (Truffle) Balanced Fund		Unit trust	Net	Y	ASISA South African Multi-Asset High Equity sector average	13 July 2022	N/A	4 508
Nedaroup Investments Core Diversified Fund	C	Unit trust	Net		(ASISA) Multi-asset High Equity Category average	13 July 2022	N/A	17 164
Nedaroup Investments XS Diversified Fund of Funds	N/A	Unit trust	Net	Y	Headline CPI + 5%	13 July 2022	1	3 242
Ninety One Segregated Full Discretion	V	Segregated	Net	Y	Global LMW Median	12 July 2022	28	82 245
Northstar SCI Managed Fund	N/A	Unit trust	Gross	Y	ASISA Category Ava: SA – Multi Asset – High Equity	14 July 2022	N/A	984
Oasis	V	Segregated	Net	Y	Global BIV Average	12 July 2022	4	702
Obsidian SCI Balanced fund		Pooled	Net	Y	FTSE/JSE All Share Index	07 July 2022	N/A	935
Old Mutual Multi Managers Managed	V	Pooled	Net	Y	Global LMW Median(Non Investable)	11 July 2022	1	3 528
Old Mutual Multi-Managers Inflation Plus 5-7%	V	Pooled	Net	Y	Headline CPI + 6%	11 July 2022	1	14 596
OMIG Balanced Portfolio	V	Segregated	Net	Y	The benchmark for our full discretionary funds is calculated in-house, using FTSE free market indices and estimated peer group weightings.	13 July 2022	2	5 012
OMIG Edge28 Portfolio	V	Pooled	Net	Y	The performance target is CPI+6%. No benchmark.	13 July 2022	3	10 150
Prescient Balanced	V	Segregated	Gross	Y	55.25% SWIX40, 2% STeFI, 17% ALBI, 9.75% MSCI World, 5.25% US 1mth TB	13 July 2022	1	2 895
PSG Balanced Fund	N/A	Unit trust	Net	Y	Headline CPI+5%	12 July 2022	1	9 586
Recco Value Trend	V	Unit trust	Net	Y	FTSE/JSE All Share	08 July 2022	1	5 922
Sanlam Lifestage Accumulation		Pooled	Partial	Y	24.5% SWIX, 24.5% Capped SWIX, 2% STeFI, 10% ALBI, 6% BSAGI, 8% Property, 21% MSCI World, 4% Barclays Aggr Bond Index	06 July 2022	N/A	18 599
Sasfin BCI Balanced fund	N/A	Unit trust	Net	Y	Average of SA Multi Asset Medium Equity category	08 July 2022	1	490
Sasfin BCI Prudential fund	N/A	Unit trust	Net	Y	Average of SA Multi Asset High Equity category	08 July 2022	1	3 354
SIM Global Unique	V	Segregated	Net	Y	Global LMW Median	06 July 2022	3	12 120
SMM Select Balanced Fund	N/A	Pooled	Partial		Global LMW median	06 July 2022	N/A	1 680
STANLIB AM	V	Unit trust	Gross	Y	Global BIV Median	14 July 2022	1	1 780
STANLIB Multi Manager Balanced Fund	N/A	Pooled	Partial	Y	Global BIV Median Non Investable	14 July 2022	N/A	7 625
<b>Total</b>								<b>504 726</b>

# 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 JUNE 2022																								
	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 Global Balanced	-3.88%	12	-4.37%	-4.28%	10	-5.06%	-4.82%	14	-5.47%	4.97%	17	4.69%	7.02%	26	7.92%	6.94%	25	7.32%	6.31%	23	6.78%	8.94%	17	9.83%
Aeon Balanced Fund (CPI + 5%)	-2.71%	3	1.09%	-3.63%	6	3.51%	-6.18%	25	6.15%	3.35%	29	11.53%	*	*	*	*	*	*	*	*	*	*	*	*
Alexander Forbes Investments (Performer)	-4.16%	16	-4.37%	-4.93%	18	-5.06%	-5.08%	18	-5.47%	5.16%	15	4.69%	9.53%	8	7.92%	8.66%	6	7.32%	8.18%	4	6.78%	11.22%	3	9.83%
Alexander Forbes Investments (Spectrum)	-4.19%	17	-4.36%	-4.94%	19	-5.36%	-5.34%	22	-5.83%	4.83%	19	4.30%	8.30%	17	8.00%	7.61%	20	7.43%	6.99%	16	6.62%	9.82%	12	9.51%
Allan Gray Global Balanced	-3.37%	6	-4.36%	-1.82%	3	-5.36%	0.48%	3	-5.83%	9.97%	2	4.30%	9.69%	6	8.00%	7.74%	18	7.43%	8.31%	3	6.66%	10.60%	8	9.59%
Ashburton Global Balanced Composite	-3.76%	9	0.85%	-4.62%	13	-0.67%	-4.15%	12	-2.01%	4.92%	18	7.74%	6.20%	31	8.28%	6.31%	29	7.02%	*	*	*	*	*	*
Balondolozzi Active Balanced Fund	-5.43%	31	1.09%	-8.47%	38	3.51%	-7.10%	32	6.15%	-1.30%	37	11.53%	4.48%	34	9.57%	*	*	*	*	*	*	*	*	*
Carissima Global Balanced Fund	-4.51%	23	-4.37%	-6.11%	27	-5.06%	-7.68%	34	-5.47%	1.92%	33	4.69%	9.00%	11	7.92%	8.91%	2	7.32%	8.59%	2	6.78%	*	*	*
ClucasGray Equilibrium Prescient fund	-4.47%	22	-4.44%	-5.03%	20	-5.57%	-3.83%	10	-6.56%	9.01%	4	2.40%	8.98%	12	6.32%	8.77%	3	5.69%	*	*	*	*	*	*
Cornation Segregated Full Discretion	-5.05%	29	-4.37%	-7.40%	34	-5.06%	-8.82%	37	-5.47%	1.59%	34	4.69%	10.04%	5	7.92%	8.46%	9	7.32%	7.69%	9	6.78%	11.35%	2	9.83%
Fairtree Balanced Prescient Fund	-3.66%	8	-4.25%	-4.25%	9	-5.88%	-2.95%	5	-7.87%	3.88%	28	1.20%	*	*	*	*	*	*	*	*	*	*	*	*
Foord Global Balanced	-2.23%	2	-5.91%	-2.92%	4	-8.19%	-3.56%	6	-7.90%	4.19%	24	2.80%	9.14%	10	7.12%	7.02%	23	8.03%	6.29%	24	7.18%	9.78%	13	9.93%
Laurium Global Balanced Fund	-3.60%	7	-4.30%	-3.63%	7	-5.80%	-3.80%	9	-8.16%	6.58%	9	0.92%	8.16%	20	6.26%	*	*	*	*	*	*	*	*	*
M&G Balanced	-4.32%	19	-4.37%	-4.28%	11	-5.06%	-3.90%	11	-5.47%	8.38%	5	4.69%	8.74%	13	7.92%	8.70%	5	7.32%	8.07%	5	6.78%	11.14%	5	9.83%
Momentum Investments Classic Factor 6	-4.54%	24	-4.72%	-5.80%	25	-6.69%	-6.01%	24	-6.80%	4.35%	23	3.30%	6.49%	30	4.32%	6.81%	26	5.31%	6.46%	20	5.44%	10.06%	10	9.25%
Momentum Investments Enhanced Factor 6	-3.84%	11	-4.72%	-5.10%	22	-6.69%	-5.21%	20	-6.80%	5.57%	13	3.30%	6.63%	29	4.32%	6.95%	24	5.31%	6.64%	19	5.44%	10.28%	9	9.25%
Momentum Investments Target Factor 6	-5.41%	30	-4.60%	-7.51%	36	-6.68%	-7.03%	30	6.81%	3.96%	27	3.24%	*	*	*	*	*	*	*	*	*	*	*	*
Nedgroup Investments (Truffle) Balanced Fund	-4.88%	28	-4.25%	-0.41%	2	-5.68%	1.16%	2	-6.99%	9.26%	3	2.27%	13.96%	1	6.43%	10.82%	1	5.94%	9.22%	1	5.17%	*	*	*
Nedgroup Investments Core Diversified Fund	-4.14%	15	1.09%	-5.77%	24	-0.43%	-6.27%	26	-1.80%	5.25%	14	8.00%	8.38%	16	8.38%	7.81%	17	7.10%	6.89%	18	6.02%	*	*	*
Nedgroup Investments XS Diversified Fund of Funds	-3.89%	14	1.09%	-4.85%	17	3.53%	-5.04%	17	6.22%	5.75%	12	11.85%	6.63%	28	10.85%	6.14%	30	10.36%	6.13%	26	10.57%	9.09%	16	10.65%
Ninety One Segregated Full Discretion	-4.76%	26	-4.37%	-6.46%	29	-5.06%	-6.65%	28	-5.47%	3.29%	30	4.69%	8.47%	15	7.92%	8.31%	11	7.32%	7.56%	11	6.78%	11.19%	4	9.83%
Northstar SCI Managed Fund	-3.88%	13	-4.46%	-4.74%	15	-5.71%	-3.62%	7	-7.01%	6.78%	8	2.25%	8.55%	14	6.42%	7.84%	16	5.94%	7.44%	13	5.19%	*	*	*
Oasis	-4.42%	21	-4.32%	-6.94%	31	-4.99%	-7.89%	35	-5.05%	5.09%	16	4.77%	6.88%	27	8.22%	6.70%	27	7.84%	5.77%	27	6.91%	9.09%	15	9.68%
Obsidian SCI Balanced fund	-6.61%	37	-8.01%	-6.13%	28	-11.69%	-7.10%	31	-8.30%	1.55%	35	4.69%	8.29%	19	8.18%	8.19%	14	8.74%	7.56%	12	7.00%	*	*	*
Old Mutual Multi Managers Managed	-2.91%	5	-4.37%	-3.79%	8	-5.06%	-3.67%	8	-5.47%	6.92%	7	4.69%	10.09%	4	7.92%	8.57%	7	7.32%	7.64%	10	6.79%	*	*	*
Old Mutual Multi-Managers Inflation Plus 5-7%	-4.34%	20	1.17%	-5.04%	21	3.75%	-6.35%	27	6.64%	4.75%	21	12.53%	10.22%	3	10.57%	8.42%	10	10.51%	7.82%	8	10.88%	11.84%	1	11.09%
OMIG Balanced Portfolio	-5.75%	35	-4.88%	-6.63%	30	-6.84%	-6.69%	29	-7.05%	3.97%	26	3.76%	8.02%	22	8.23%	7.62%	19	7.98%	6.92%	17	7.17%	9.91%	11	10.22%
OMIG Edge28 Portfolio	-5.99%	36	*	-5.92%	26	*	-4.99%	16	*	6.95%	6	*	9.35%	9	*	8.28%	12	*	7.42%	14	*	11.01%	6	*
Prescient Balanced	-5.46%	33	-4.84%	-7.98%	37	-5.66%	-8.52%	36	-7.05%	1.28%	36	4.08%	7.53%	23	6.98%	*	*	*	*	*	*	*	*	*
PSG Balanced Fund	-7.91%	38	1.06%	-7.02%	32	3.82%	-2.33%	4	8.12%	12.80%	1	13.68%	11.24%	2	10.59%	8.19%	13	10.22%	8.06%	6	10.39%	*	*	*
Rezzo Value Trend	1.39%	1	-8.01%	4.41%	1	-11.69%	4.11%	1	-8.30%	2.82%	32	4.69%	8.12%	21	8.18%	7.22%	21	8.74%	6.32%	21	7.00%	10.68%	7	10.83%
Sanlam Lifestage Accumulation	-5.46%	32	-5.46%	-7.20%	33	-7.34%	-7.61%	33	-8.14%	3.00%	31	2.95%	7.27%	25	6.68%	7.21%	22	6.93%	6.32%	22	6.41%	*	*	*
Sasfin BCI Balanced fund	-2.74%	4	-3.62%	-3.31%	5	-4.56%	-4.84%	15	-5.67%	4.93%	22	2.73%	8.30%	18	6.14%	8.48%	8	5.93%	*	*	*	*	*	*
Sasfin BCI Prudential fund	-3.79%	10	-4.46%	-4.89%	16	-5.70%	-5.26%	21	-6.81%	4.79%	20	2.46%	7.38%	24	6.56%	7.84%	15	5.99%	6.99%	15	6.95%	*	*	*
SIM Global Unique	-4.26%	18	-4.37%	-5.33%	23	-5.06%	-5.75%	23	-5.47%	4.07%	25	4.69%	5.75%	33	7.92%	6.01%	31	7.32%	6.23%	25	6.78%	9.24%	14	9.83%
SMM Select Balanced Fund	-4.85%	27	-4.37%	-4.51%	12	-5.06%	-4.69%	13	-5.47%	5.77%	11	4.69%	*	*	*	*	*	*	*	*	*	*	*	*
STANLIB AM	-5.49%	34	-4.33%	-7.50%	35	-5.02%	-10.46%	38	-5.15%	-2.43%	38	5.19%	5.90%	32	8.01%	6.57%	28	7.58%	5.69%	28	6.91%	8.85%	18	9.90%
STANLIB Multi Manager Balanced Fund	-4.65%	25	-4.33%	-4.67%	14	-5.02%	-5.08%	19	-5.15%	5.78%	10	5.19%	9.65%	7	8.01%	8.70%	4	7.58%	7.85%	7	6.89%	*	*	*

# 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.

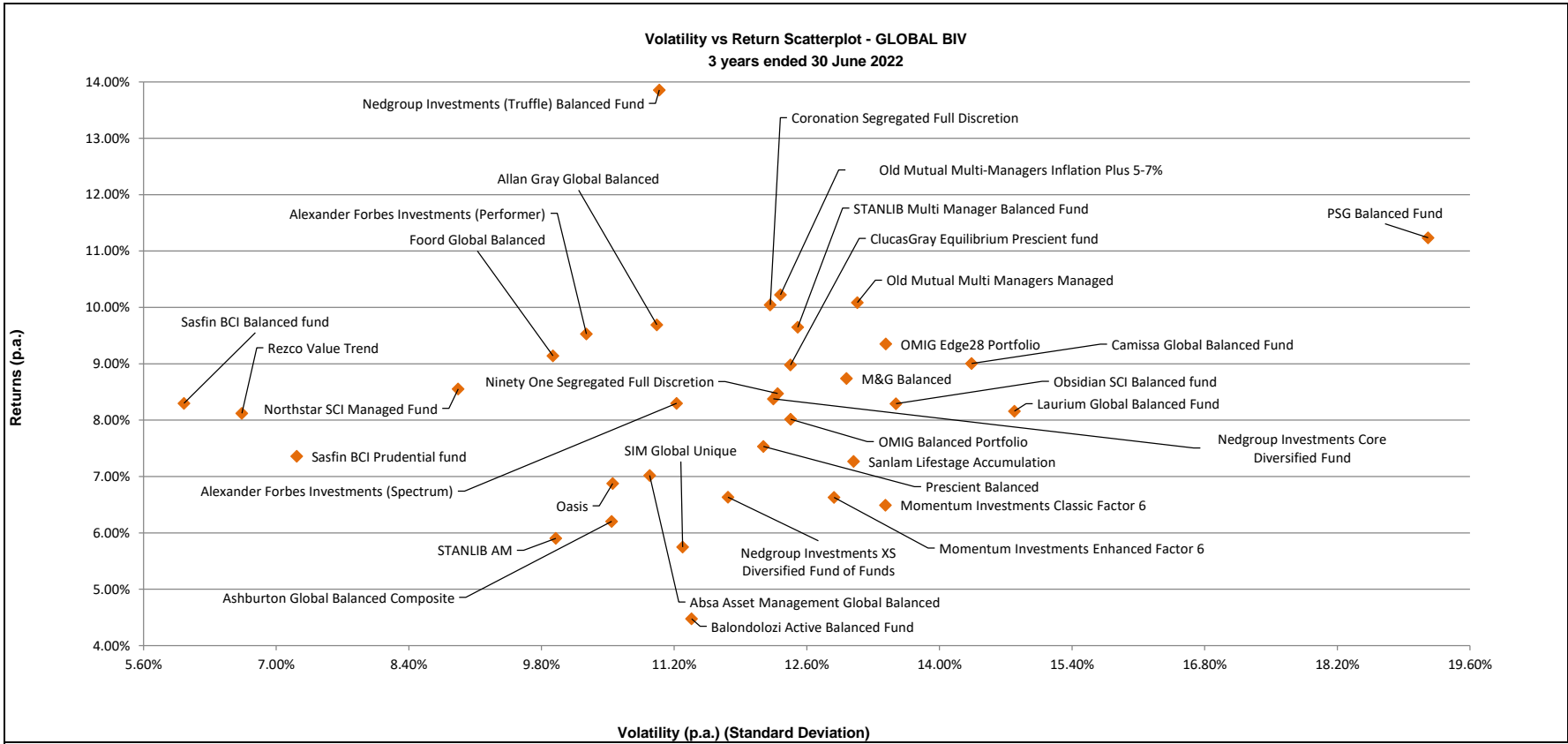
INVESTMENT DATA TO THE END OF JUNE 2022														
RISK VS RETURN														
	Calculated on 3 year performance returns							Calculated on 5 year performance returns						
	3 Year Return (p.a.)	Rank	Volatility (Risk)	Rank	Active Return	Tracking Error	Sharpe Ratio	5 Year Return (p.a.)	Rank	Volatility (Risk)	Rank	Active Return	Tracking Error	Sharpe Ratio
Absa Asset Management Global Balanced	7.02%	26	10.94%	10	-0.90%	2.38%	0.18	6.94%	25	9.80%	9	-0.38%	2.85%	0.10
Alexander Forbes Investments (Performer)	9.53%	8	10.27%	7	1.61%	1.94%	0.44	8.66%	6	9.63%	7	1.34%	1.69%	0.28
Alexander Forbes Investments (Spectrum)	8.30%	17	11.23%	13	0.30%	0.68%	0.29	7.61%	20	10.05%	11	0.19%	0.59%	0.17
Allan Gray Global Balanced	9.69%	6	11.02%	11	1.69%	3.13%	0.43	7.74%	18	10.33%	14	0.31%	3.07%	0.18
Ashburton Global Balanced Composite	6.20%	31	10.54%	8	-2.08%	3.42%	0.11	6.31%	29	9.70%	8	-0.71%	2.87%	0.04
Balondoloz Active Balanced Fund	4.48%	34	11.38%	15	-5.09%	11.84%	-0.05	*		*		*	*	*
Camissa Global Balanced Fund	9.00%	11	14.34%	32	1.08%	5.73%	0.28	8.91%	2	12.49%	30	1.59%	5.37%	0.24
ClucasGray Equilibrium Prescient fund	8.98%	12	12.43%	22	2.66%	4.53%	0.32	8.77%	3	10.49%	16	3.07%	4.07%	0.27
Coronation Segregated Full Discretion	10.04%	5	12.21%	18	2.12%	2.98%	0.41	8.46%	9	11.05%	20	1.14%	2.71%	0.23
Foord Global Balanced	9.14%	10	9.92%	5	2.02%	5.49%	0.42	7.02%	23	9.98%	10	-1.01%	5.29%	0.11
Laurium Global Balanced Fund	8.16%	20	14.79%	33	1.90%	4.68%	0.21	*		*		*	*	*
M&G Balanced	8.74%	13	13.02%	26	0.82%	2.46%	0.29	8.70%	5	11.50%	25	1.38%	2.21%	0.24
Momentum Investments Classic Factor 6	6.49%	30	13.43%	29	2.17%	1.83%	0.11	6.81%	26	11.87%	29	1.50%	1.76%	0.07
Momentum Investments Enhanced Factor 6	6.63%	29	12.89%	25	2.31%	2.24%	0.13	6.95%	24	11.46%	23	1.64%	2.15%	0.09
Nedgroup Investments (Truffle) Balanced Fund	13.86%	1	11.04%	12	7.43%	5.47%	0.80	10.82%	1	10.29%	13	4.88%	4.74%	0.47
Nedgroup Investments Core Diversified Fund	8.38%	16	12.25%	19	0.00%	3.79%	0.28	7.81%	17	10.72%	18	0.71%	3.07%	0.18
Nedgroup Investments XS Diversified Fund of Funds	6.63%	28	11.77%	16	-4.21%	12.10%	0.14	6.14%	30	10.42%	15	-4.22%	10.65%	0.02
Ninety One Segregated Full Discretion	8.47%	15	12.29%	20	0.55%	2.61%	0.28	8.31%	11	10.99%	19	0.99%	2.35%	0.22
Northstar SCI Managed Fund	8.55%	14	8.92%	4	2.13%	3.11%	0.40	7.84%	16	8.29%	4	1.90%	2.91%	0.23
Oasis	6.88%	27	10.55%	9	-1.34%	3.38%	0.18	6.70%	27	9.30%	6	-0.94%	3.08%	0.08
Obsidian SCI Balanced fund	8.29%	19	13.54%	31	0.11%	8.78%	0.24	8.19%	14	11.61%	27	-0.55%	8.23%	0.19
Old Mutual Multi Managers Managed	10.09%	4	13.13%	28	2.16%	3.51%	0.39	8.57%	7	11.60%	26	1.26%	2.89%	0.23
Old Mutual Multi-Managers Inflation Plus 5-7%	10.22%	3	12.32%	21	-0.34%	12.76%	0.42	8.42%	10	11.12%	22	-2.09%	11.45%	0.22
OMIG Balanced Portfolio	8.02%	22	12.43%	23	-0.22%	3.10%	0.24	7.62%	19	10.68%	17	-0.36%	2.64%	0.16
OMIG Edge28 Portfolio	9.35%	9	13.44%	30	*	*	0.32	8.28%	12	11.47%	24	*	*	0.20
Prescient Balanced	7.53%	23	12.14%	17	0.55%	2.14%	0.21	*		*		*	*	*
PSG Balanced Fund	11.24%	2	19.16%	34	0.64%	19.42%	0.33	8.19%	13	15.38%	31	-2.03%	15.61%	0.15
Rezco Value Trend	8.12%	21	6.64%	2	-0.06%	17.08%	0.47	7.22%	21	7.96%	3	-1.52%	14.37%	0.16
Sanlam Lifestage Accumulation	7.27%	25	13.09%	27	0.59%	1.26%	0.17	7.21%	22	11.70%	28	0.28%	1.27%	0.11
Sasfin BCI Balanced fund	8.30%	18	6.03%	1	2.16%	4.08%	0.55	8.49%	8	6.14%	1	2.56%	3.24%	0.42
Sasfin BCI Prudential fund	7.36%	24	7.22%	3	0.80%	5.18%	0.33	7.84%	15	7.28%	2	1.86%	4.15%	0.26
SIM Global Unique	5.75%	33	11.29%	14	-2.18%	1.53%	0.07	6.01%	31	10.27%	12	-1.31%	1.81%	0.01
STANLIB AM	5.90%	32	9.95%	6	-2.11%	3.80%	0.09	6.57%	28	9.04%	5	-1.01%	3.41%	0.07
STANLIB Multi Manager Balanced Fund	9.65%	7	12.50%	24	1.64%	1.39%	0.37	8.70%	4	11.12%	21	1.12%	1.36%	0.25

Lower volatility = higher ranking

Lower volatility = higher ranking

STATISTICS														
Range	9.38%							4.80%						
Highest	13.86%		19.16%		7.43%	19.42%	0.80	10.82%		15.38%		4.88%	15.61%	0.47
Upper Quartile	9.30%		12.99%		2.02%	5.47%	0.39	8.47%		11.46%		1.47%	4.59%	0.23
Median	8.01%		12.18%		0.64%	3.42%	0.28	7.55%		10.49%		0.51%	2.99%	0.18
Average	8.22%		11.71%		0.57%	5.08%	0.29	7.64%		10.44%		0.39%	4.39%	0.18
Lower Quartile	7.08%		10.65%		-0.22%	2.38%	0.18	6.98%		9.75%		-0.88%	2.24%	0.11
Lowest	4.48%		6.03%		-5.09%	0.68%	-0.05	6.01%		6.14%		-4.22%	0.59%	0.01
Number of participants	34		34		33	33	34	31		31		30	30	31

# GLOBAL MANAGER WATCH™ SURVEY - BEST INVESTMENT VIEW



# GLOBAL MANAGER WATCH™ SURVEY - CONSERVATIVE

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 minimise the probability of short-term (i.e. less than one year) capital loss while targeting long-term (i.e. more than five years) capital return.

GENERAL INFORMATION								
	GIPS™ (Verified/ Compliant)	Portfolio Type	Offshore - Gross/Net/Partial Net of fees	Regulation 28 Compliant Certification (Y/N)	Benchmark Description	Admin - efficiency : Date data submitted	No.of funds in composite	Portfolio Size (R m)
INVESTMENT MANAGERS								
Alexander Forbes Investments (Conserver)	N/A	Pooled	Gross	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	13 July 2022	N/A	8 921
Allan Gray Life Global Stable Portfolio	V	Pooled	Partial	Y	STeFI + 2%	13 July 2022	N/A	4 655
Coronation Inflation Plus Fund	V	Pooled	Partial	Y	Headline CPI + 3.5%	11 July 2022	1	4 312
Foord Conservative Balanced	V	Pooled	Net	Y	Headline CPI+4%	06 July 2022	1	832
Matrix Global Absolute CPI + 3%	N/A	Unit trust	Partial	Y	Headline CPI + 3%	11 July 2022	1	4 175
Momentum Investments Classic Factor 5		Pooled	Partial	Y	32% FTSE/JSE Capped SWIX , 23.5% ALBI, 18% STeFI, 3% FTSE/JSE SA Listed Property , 18% MSCI WRLD (SEI), 3.5% WGBI, 2% D-FTSE EPRA/NAREIT Dev_Mstar GBP	14 July 2022	N/A	1 045
Momentum Investments Enhanced Factor 4		Pooled	Partial		20% FTSE/JSE Capped SWIX , 28% ALBI, 26% STeFI, 2.5% FTSE/JSE SA Listed Property , 17% MSCI WRLD (SEI), 5% WGBI, 1.5% D-FTSE EPRA/NAREIT Dev_Mstar GBP	14 July 2022	N/A	3 820
Momentum Investments Enhanced Factor 5		Pooled	Partial		32% FTSE/JSE Capped SWIX , 23.5% ALBI, 18% STeFI, 3% FTSE/JSE SA Listed Property , 18% MSCI WRLD (SEI), 3.5% WGBI, 2% D-FTSE EPRA/NAREIT Dev_Mstar GBP	14 July 2022	N/A	1 447
Nedgroup Investments XS Guarded Fund of Funds	N/A	Pooled	Net	Y	CPI + 3%	13 July 2022	N/A	923
Ninety One Cautious Managed Fund	V	Pooled	Net	Y	(ASISA) SA MA Low Equity	12 July 2022	1	19 925
Old Mutual Multi-Managers Defensive Balanced Fund	V	Pooled	Net	Y	CPI+4% (CPI+5% prior to Sept 13)	11 July 2022	1	661
Old Mutual Multi-Managers Inflation Plus 1-3%		Pooled	Net	Y	Headline CPI + 3%	11 July 2022	N/A	742
Old Mutual Multi-Managers Inflation Plus 3-5%		Pooled	Net	Y	Headline CPI + 5%	11 July 2022	N/A	5 330
OMIG Moderate Portfolio	V	Pooled	Net	Y	30% Capped SWIX, 15% MSCI ACWI, 25% ALBI, 17.5% Stefi 3 Mths, 5% Barclays Capital Global Bond Agg, 5% SAPY, 2.5% Gold EFT	13 July 2022	2	1 377
OMIG Profile Capital	V	Pooled	Net	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	13 July 2022	1	276
PSG Stable Fund	N/A	Unit trust	Net	Y	Headline CPI + 3%	12 July 2022	1	2 588
STANLIB Multi-Manager Defensive Balanced Fund	N/A	Pooled	Partial	Y	Headline CPI + 3% (1 month lag)	14 July 2022	N/A	2 036
Truffie Low Equity Fund	N/A	Unit trust	Gross	Y	Headline CPI + 3%	08 July 2022	1	2 680
Weaver BCI Moderate FoF	C	Pooled	Net	Y	CPI + 4%	11 July 2022	N/A	497
					<b>Total</b>			<b>66 242</b>

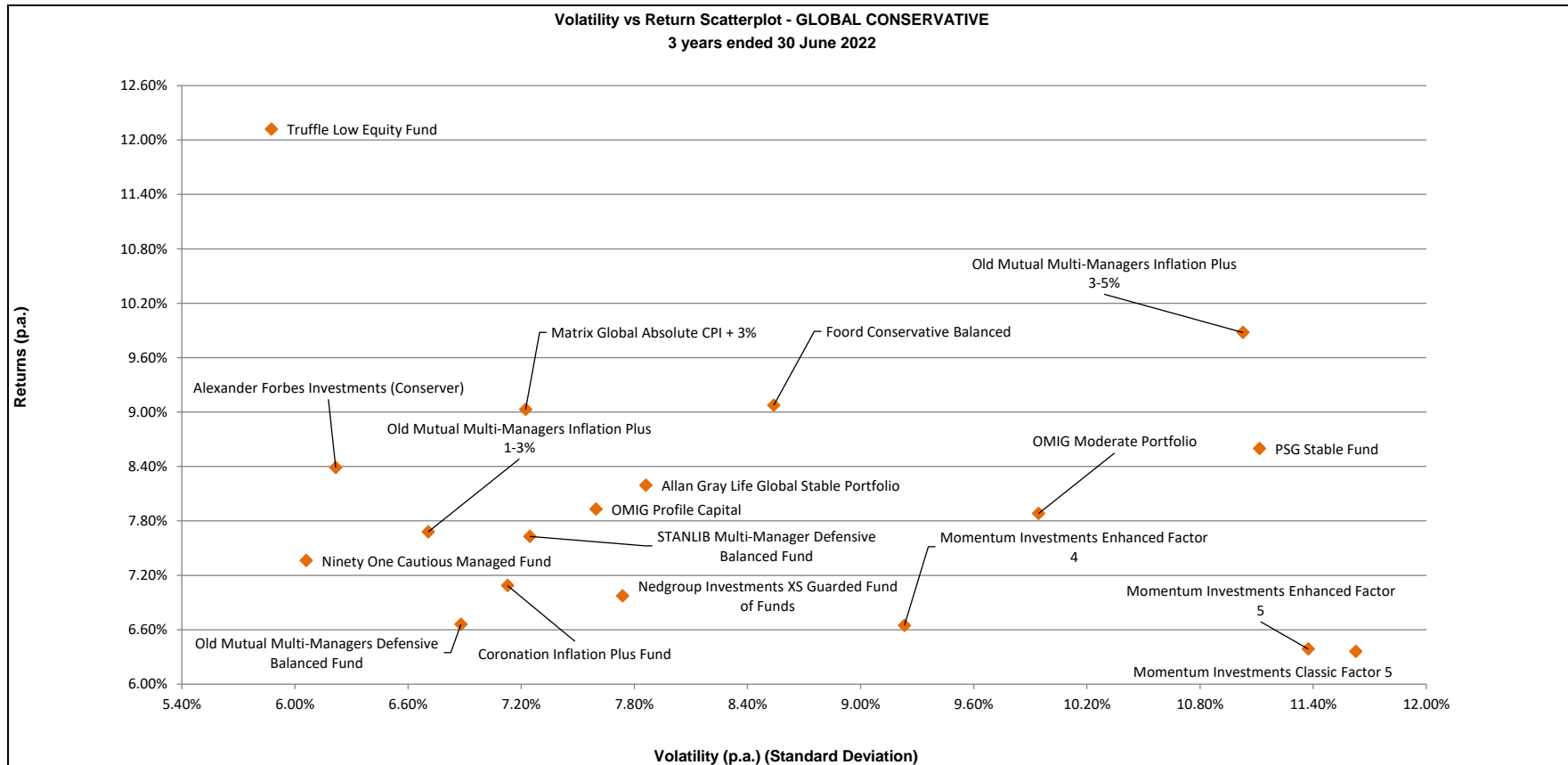


# GLOBAL MANAGER WATCH™ SURVEY - CONSERVATIVE

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 while targeting long-term (i.e. more than five years) capital growth.

INVESTMENT DATA TO THE END OF JUNE 2022															
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)	8.39%	6	6.22%	3	2.12%	1.82%	0.54	8.69%	3	5.63%	2	1.83%	1.61%	0.49	
Allan Gray Life Global Stable Portfolio	8.19%	7	7.86%	11	1.27%	7.93%	0.41	7.76%	10	7.43%	11	-0.02%	7.49%	0.25	
Coronation Inflation Plus Fund	7.09%	13	7.13%	6	2.23%	7.55%	0.29	7.33%	13	6.37%	8	2.46%	6.66%	0.22	
Foord Conservative Balanced	9.07%	3	8.54%	12	2.25%	8.91%	0.48	7.96%	6	8.10%	13	0.54%	8.39%	0.25	
Matrix Global Absolute CPI + 3%	9.03%	4	7.22%	7	1.46%	7.63%	0.56	9.21%	2	6.09%	5	1.69%	6.44%	0.54	
Momentum Investments Classic Factor 5	6.36%	18	11.63%	18	2.91%	1.66%	0.12	6.61%	18	10.11%	18	1.94%	1.65%	0.07	
Momentum Investments Enhanced Factor 4	6.65%	16	9.23%	13	2.88%	1.47%	0.18	6.96%	15	7.92%	12	1.99%	1.63%	0.13	
Momentum Investments Enhanced Factor 5	6.39%	17	11.37%	17	2.94%	2.00%	0.12	6.71%	17	9.94%	17	1.98%	1.98%	0.08	
Nedgroup Investments XS Guarded Fund of Funds	6.97%	14	7.74%	10	-1.76%	8.07%	0.25	7.06%	14	6.75%	10	-1.20%	6.99%	0.17	
Ninety One Cautious Managed Fund	7.36%	12	6.06%	2	1.64%	5.27%	0.39	7.95%	7	5.55%	1	1.15%	5.06%	0.36	
Old Mutual Multi-Managers Defensive Balanced Fund	6.66%	15	6.88%	5	-1.91%	7.35%	0.24	6.76%	16	6.60%	9	-1.75%	6.92%	0.13	
Old Mutual Multi-Managers Inflation Plus 1-3%	7.68%	10	6.71%	4	0.11%	7.24%	0.40	7.61%	11	5.75%	3	0.41%	6.18%	0.29	
Old Mutual Multi-Managers Inflation Plus 3-5%	9.88%	2	11.03%	15	0.31%	11.48%	0.44	8.41%	4	9.80%	16	-1.10%	10.14%	0.25	
OMIG Moderate Portfolio	7.88%	9	9.94%	14	0.53%	3.88%	0.29	7.98%	5	8.35%	14	-0.66%	4.30%	0.25	
OMIG Profile Capital	7.93%	8	7.60%	9	1.16%	3.45%	0.38	7.91%	8	6.31%	7	0.29%	2.99%	0.31	
PSG Stable Fund	8.60%	5	11.11%	16	0.25%	11.43%	0.32	7.88%	9	8.87%	15	-0.19%	9.17%	0.22	
STANLIB Multi-Manager Defensive Balanced Fund	7.63%	11	7.25%	8	-0.26%	7.57%	0.36	7.37%	12	6.31%	6	-0.32%	6.56%	0.23	
Truffle Low Equity Fund	12.12%	1	5.88%	1	4.55%	6.10%	1.21	10.78%	1	5.82%	4	3.27%	5.96%	0.83	
			<i>Lower volatility = higher ranking</i>								<i>Lower volatility = higher ranking</i>				
STATISTICS															
Range	5.76%							4.17%							
Highest	12.12%		11.63%		4.55%	11.48%	1.21	10.78%		10.11%		3.27%	10.14%	0.83	
Upper Quartile	8.55%		9.77%		2.25%	7.85%	0.43	7.98%		8.29%		1.91%	6.97%	0.31	
Median	7.20%		7.67%		1.37%	7.30%	0.37	7.48%		6.67%		0.48%	6.31%	0.25	
Average	7.57%		8.30%		1.26%	6.16%	0.39	7.53%		7.32%		0.68%	5.56%	0.28	
Lower Quartile	7.00%		6.94%		0.27%	3.56%	0.26	7.13%		6.14%		-0.29%	3.32%	0.18	
Lowest	6.36%		5.88%		-1.91%	1.47%	0.12	6.61%		5.55%		-1.75%	1.61%	0.07	
Number of participants	18		18		18	18	18	18		18		18	18	18	

# GLOBAL MANAGER WATCH™ SURVEY - CONSERVATIVE



# GLOBAL LARGE MANAGER WATCH™ SURVEY

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 represent the best investment view of the largest managers of discretionary assets in South Africa, as determined under the survey rules imposed by Alexforbes.

INVESTMENT DATA TO THE END OF JUNE 2022																									
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	-3.88%	3	-4.37%	-4.28%	3	-5.06%	-4.82%	4	-5.47%	4.97%	4	4.68%	7.02%	7	7.92%	6.94%	7	7.32%	6.31%	6	6.78%	8.94%	9	9.83%
Allen Gray Global Balanced	Net	-3.37%	2	-4.36%	-1.82%	1	-5.36%	0.48%	1	-5.83%	9.97%	1	4.30%	9.69%	2	8.00%	7.74%	4	7.43%	8.31%	1	6.66%	10.60%	4	9.59%
Coronation Segregated Full Discretion	Partial	-5.05%	8	-4.37%	-7.40%	9	-5.06%	-8.82%	9	-5.47%	1.55%	9	4.69%	10.04%	1	7.92%	8.46%	2	7.32%	7.69%	3	6.78%	11.35%	1	9.83%
Foord Global Balanced	Net	-2.23%	1	-5.91%	-2.92%	2	-8.19%	-3.56%	2	-7.90%	4.19%	5	2.80%	9.14%	3	7.12%	7.02%	6	8.03%	6.29%	7	7.18%	9.78%	6	9.93%
M&G Balanced	Gross	-4.32%	5	-4.37%	-4.28%	4	-5.06%	-3.90%	3	-5.47%	8.38%	2	4.69%	8.74%	4	7.92%	8.70%	1	7.32%	8.07%	2	6.78%	11.14%	3	9.83%
Ninety One Segregated Full Discretion	Net	-4.76%	7	-4.37%	-6.46%	6	-5.06%	-6.65%	6	-5.47%	3.29%	8	4.69%	8.47%	5	7.92%	8.31%	3	7.32%	7.56%	4	6.78%	11.19%	2	9.83%
Oasis	Net	-4.42%	6	-4.32%	-6.94%	8	-4.99%	-7.89%	8	-5.05%	5.09%	3	4.77%	6.88%	8	8.22%	6.70%	8	7.64%	5.77%	9	6.91%	9.09%	8	9.68%
OMIG Balanced Portfolio	Net	-5.79%	10	-4.88%	-6.63%	7	-6.84%	-6.69%	7	-7.05%	3.97%	7	3.76%	8.02%	6	8.23%	7.62%	5	7.98%	6.92%	5	7.17%	9.91%	5	10.22%
SIM Global Unique	Net	-4.26%	4	-4.37%	-5.33%	5	-5.06%	-5.75%	5	-5.47%	4.07%	6	4.69%	5.75%	10	7.92%	6.01%	10	7.32%	6.23%	8	6.78%	9.24%	7	9.83%
STANLIB AM	Gross	-5.49%	9	-4.33%	-7.50%	10	-5.02%	-10.46%	10	-5.15%	-2.43%	10	5.19%	5.90%	9	8.01%	6.57%	9	7.58%	5.69%	10	6.91%	8.85%	10	9.90%

# GLOBAL LARGE MANAGER WATCH™ SURVEY

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 represent the best investment view of the largest managers of discretionary assets in South Africa, as determined under the survey rules imposed by Alexforbes.

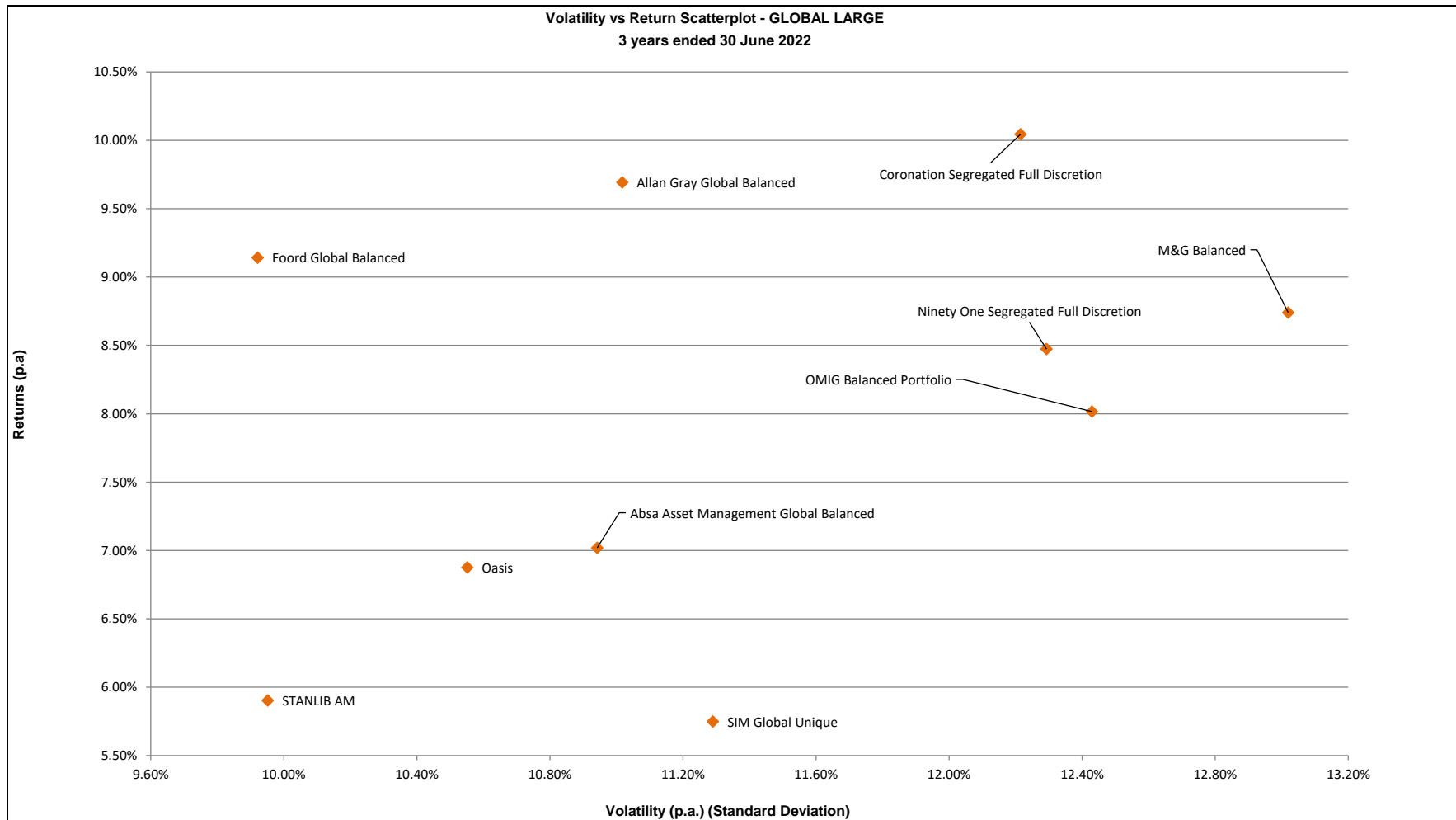
INVESTMENT DATA TO THE END OF JUNE 2022														
RISK VS RETURN														
	Calculated on 3 year performance returns							Calculated on 5 year performance returns						
	3 Year Return (p.a.)	Rank	Volatility (Risk)	Rank	Active Return	Tracking Error	Sharpe Ratio	5 Year Return (p.a.)	Rank	Volatility (Risk)	Rank	Active Return	Tracking Error	Sharpe Ratio
Absa Asset Management Global Balanced	7.02%	7	10.94%	4	-0.90%	2.38%	0.18	6.94%	7	9.80%	3	-0.38%	2.85%	0.10
Allan Gray Global Balanced	9.69%	2	11.02%	5	1.69%	3.13%	0.43	7.74%	4	10.33%	6	0.31%	3.07%	0.18
Coronation Segregated Full Discretion	10.04%	1	12.21%	7	2.12%	2.98%	0.41	8.46%	2	11.05%	9	1.14%	2.71%	0.23
Foord Global Balanced	9.14%	3	9.92%	1	2.02%	5.49%	0.42	7.02%	6	9.98%	4	-1.01%	5.29%	0.11
M&G Balanced	8.74%	4	13.02%	10	0.82%	2.46%	0.29	8.70%	1	11.50%	10	1.38%	2.21%	0.24
Ninety One Segregated Full Discretion	8.47%	5	12.29%	8	0.55%	2.61%	0.28	8.31%	3	10.99%	8	0.99%	2.35%	0.22
Oasis	6.88%	8	10.55%	3	-1.34%	3.38%	0.18	6.70%	8	9.30%	2	-0.94%	3.08%	0.08
OMIG Balanced Portfolio	8.02%	6	12.43%	9	-0.22%	3.10%	0.24	7.62%	5	10.68%	7	-0.36%	2.64%	0.16
SIM Global Unique	5.75%	10	11.29%	6	-2.18%	1.53%	0.07	6.01%	10	10.27%	5	-1.31%	1.81%	0.01
STANLIB AM	5.90%	9	9.95%	2	-2.11%	3.80%	0.09	6.57%	9	9.04%	1	-1.01%	3.41%	0.07

Lower volatility = higher ranking

Lower volatility = higher ranking

STATISTICS														
Range	4.30%							2.68%						
Highest	10.04%		13.02%		2.12%	5.49%	0.43	8.70%		11.50%		1.38%	5.29%	0.24
Upper Quartile	9.04%		12.27%		1.47%	3.32%	0.38	8.17%		10.91%		0.82%	3.07%	0.21
Median	7.92%		11.15%		0.17%	3.04%	0.26	7.32%		10.30%		-0.37%	2.78%	0.13
Average	8.00%		11.36%		0.05%	3.09%	0.26	7.43%		10.29%		-0.12%	2.94%	0.14
Lower Quartile	6.91%		10.65%		-1.23%	2.50%	0.18	6.76%		9.84%		-0.99%	2.42%	0.09
Lowest	5.75%		9.92%		-2.18%	1.53%	0.07	6.01%		9.04%		-1.31%	1.81%	0.01
Number of participants	10		10		10	10	10	10		10		10	10	10

# GLOBAL LARGE MANAGER WATCH™ SURVEY







# MARKET DATA

MARKET DATA TO THE END OF JUNE 2022								
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.)
INDEX RETURNS INCLUDING INCOME & INFLATION								
FTSE / JSE All Share Index (Free Float)	-8.01%	-11.69%	-8.30%	4.69%	8.18%	8.74%	7.00%	10.45%
FTSE / JSE Capped All Share Index	-7.77%	-11.44%	-7.10%	6.78%	9.02%	8.94%	7.17%	10.60%
FTSE / JSE SWIX All Share Index	-7.45%	-10.60%	-5.52%	2.85%	5.57%	5.87%	4.80%	9.32%
FTSE/JSE Mid Cap Index	-9.36%	-12.66%	-6.60%	3.92%	4.55%	4.50%	4.32%	7.59%
FTSE/JSE Small Cap Index	-7.29%	-5.46%	-1.66%	19.48%	15.00%	6.40%	5.56%	10.32%
FTSE/JSE SA Listed Property Index	-10.33%	-11.56%	-12.68%	0.22%	-9.03%	-7.33%	-3.48%	2.68%
All Bond	-3.06%	-3.71%	-1.93%	1.25%	5.78%	7.78%	7.43%	7.19%
JSE ASSA SA Gov ILB Index	-0.82%	2.99%	3.35%	10.56%	7.02%	5.29%	4.96%	6.24%
OTHI Index	-2.76%	-3.56%	-1.26%	2.53%	6.76%	8.82%	7.98%	8.02%
GOVI Index	-3.08%	-3.73%	-1.99%	1.12%	5.64%	7.53%	7.32%	7.02%
Alexforbes Money Market	0.39%	1.12%	2.14%	4.07%	4.80%	5.81%	6.22%	6.06%
Short Term Fixed Interest Rate Index	0.40%	1.15%	2.19%	4.18%	5.01%	5.93%	6.30%	6.11%
Consumer Price Inflation (Headline CPI) [I-Net code: AECPI]	0.68%	2.28%	3.68%	6.53%	4.57%	4.51%	4.88%	5.09%
Barclays Capital Global Aggregate	3.19%	6.25%	-8.01%	1.60%	0.61%	2.13%	2.62%	6.21%
MSCI World Index (Rands)	-3.94%	-5.88%	-18.18%	-1.26%	13.03%	13.17%	12.84%	18.02%
FTSE WGBI (was CITI WGBI) (Rands)	1.81%	2.13%	-12.53%	-4.51%	0.63%	3.35%	4.46%	6.46%

QUANTITATIVE ANALYSIS	Calculated on rolling performance returns	
	Volatility (3 years)	Volatility (5 years)
FTSE / JSE All Share Index (Free Float)	17.76%	15.90%
FTSE / JSE Capped All Share Index	18.41%	16.03%
FTSE / JSE SWIX All Share Index	17.10%	15.47%
FTSE/JSE Mid Cap Index	21.37%	18.09%
FTSE/JSE Small Cap Index	22.90%	18.64%
FTSE/JSE SA Listed Property Index	32.18%	26.73%
All Bond	8.96%	8.23%
JSE ASSA SA Gov ILB Index	15.03%	12.50%
OTHI Index	8.74%	7.94%
GOVI Index	9.01%	8.31%
Alexforbes Money Market	0.39%	0.45%
Short Term Fixed Interest Rate Index	0.39%	0.44%
Barclays Capital Global Aggregate	15.53%	16.33%
MSCI World Index (Rands)	15.18%	16.38%
FTSE WGBI (was Citi WGBI) (Rands)	15.56%	15.98%

# MANAGER WATCH™ SURVEY

## EXPLANATORY NOTES

### General Disclaimers :

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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.

### Performance Statistics:

Reasonable use of the survey may be made for purposes of comment and study provided that full acknowledgement is made to "Alexforbes".

The rankings and statistical information have been supplied for illustrative purposes only.

Performance figures are shown gross of fees.

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

Past performance is not necessarily a guide to future performance.

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

While all possible care is taken in the compilation of the survey, reliance is placed on information received from investment managers.

### Market Data Statistics:

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

International Indices sourced from Morningstar.

All rights in the FTSE/JSE Africa Index Series vest in the JSE Securities Exchange South Africa (JSE) and in FTSE International Limited (FTSE) jointly.

All copyright subsisting in the FTSE/JSE Africa Index values and constituent list vests in FTSE and the JSE jointly. All their rights are reserved.

### 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.

GIPS™ - Status:

C - Indication that manager is compliant but not verified

V - Indication that manager is verified

More information can be obtained from <http://www.gipsstandards.org/>