



**Multi-Manager Manager Watch™ Survey for  
the month ending February 2019**

# MULTI-MANAGER WATCH™ INVESTMENT PERFORMANCE (BALANCED MANDATES)

GENERAL INFORMATION			
Benchmark Description	Portfolio Size (R m)	Admin - efficiency - Date data submitted	
<b>BALANCED MANDATES</b>			
<b>FIXED ASSET ALLOCATION</b>			
Equity Band: 55% - 34%(Local & International Equity)			
Alexander Forbes Investments Low Equity	STeFI Call Deposit Index 30.80%, FTSE/JSE Capped SWIX ALSI 22.00%, All Bond Index 15.40%, Barclays/ABSA SA Govt ILB Index 15.40%, MSCI World (Net) 4.00%, FTSE/JSE SA Property 4.40%, Citi WGBI 3.00%, MSCI EFM Africa ex SA 2.00%, US Treasury Bill 1.00%, French Treasury Bill 1.00%, MSCI Emerging Markets 0.50%	48	14 March 2019
Momentum Investments Enhanced Factor 3	20.00% FTSE/JSE SWIX, 7.50% FTSE/JSE SA Listed Property Index, 12.50% ALBI, 27.50% SteFI, 15.00% Barclays BEASSA SA Govt ILB Index, 7.50% SteFI, 5.00% MSCI All Countries World Index, 5.00% Citigroup World Government Bond Index	3 657	14 March 2019
Equity Band: 55% - 44%(Local & International Equity)			
27Hour CPI+5% Fund	Strategic Benchmark - SWIX (28%), ALBI (16%), SAGLIB (10%), SAPY (5%), STeFI (26%), MSCI World (10%), Barclays GBI (5%) Target Benchmark - CPI+5% SA Listed Property was introduced to the portfolio in August 2012. The 5% allocation to SA Listed Property was taken from SA Equity, SA Fixed Income and SA Cash, respectively.	672	09 March 2019
Alexander Forbes Investments 37.5% Equity	FTSE/JSE Capped SWIX ALSI 31.13%, STeFI Call Deposit Index 18.68%, Barclays/ABSA SA Govt ILB Index 14.52%, All Bond Index 14.52%, MSCI World (Net) 7.50%, Citi WGBI 4.50%, FTSE/JSE SA Property 4.15%, MSCI EFM Africa ex SA 2.00%, US Treasury Bill 1.13%, French Treasury Bill 1.13%, MSCI Emerging Markets 0.75%	183	14 March 2019
Momentum Investments Enhanced Factor 4	27.50% FTSE/JSE SWIX, 7.50% FTSE/JSE SA Listed Property Index, 17.50% ALBI, 10.00% SteFI, 12.50% Barclays BEASSA SA Government ILB Index, 5.00% SteFI, 10.00% MSCI All Countries World Index, 5.00% Citigroup World Government Bond Index	412	14 March 2019
Old Mutual Multi-Managers Inflation Plus 1.3%	Headline CPI + 3%	448	13 March 2019
Sygnia Signature 40 Fund	24% SWIX   12.5% SA Listed Property   20% ALBI   5% SA Govt ILB Index   6% STeFI + 2%   11.5% STeFI   10% CPI   15% MSCI All Country Index   6% Barclays Global Bond Index   1% FTSE All Africa ex SA 30	1 916	15 March 2019
27Hour CPI+5% Fund	Equity Band: 45% - 37%(Local & International Equity)	1 326	09 March 2019
Alexander Forbes Investments Medium Equity	SWIX 40%, ALBI 13.5%, SAGLIB 8%, SAPY 5%, STeFI 16%, MSCI World 11.5%, Barclays GBI 5%, MSCI EFM ex SA 1% FTSE/JSE Capped SWIX ALSI 38.50%, All Bond Index 13.48%, Barclays/ABSA SA Govt ILB Index 13.48%, MSCI World (Net) 10.80%, STeFI Call Deposit Index 7.70%, Citi WGBI 6.00%, FTSE/JSE SA Property 3.85%, MSCI EFM Africa ex SA 3.00%, MSCI Emerging Markets 1.20%, US Treasury Bill 1.00%, French Treasury Bill 1.00%	78	14 March 2019
Momentum Investments Classic Factor 5	37.5% FTSE/JSE Capped SWIX, 12.5% JSE ASSA ALBI, 7.5% SteFI, 10% FTSE/JSE Listed Property Index, 10% JSE ASSA IGCV, 15% MSCI All Countries World Index, 5% Citigroup World Government Bond Index	332	14 March 2019
Momentum Investments Enhanced Factor 5	37.50% FTSE/JSE SWIX, 10.00% FTSE/JSE SA Listed Property Index, 12.50% ALBI, 7.50% SteFI, 10.00% Barclays BEASSA SA Government ILB Index, 2.50% SteFI, 15.00% MSCI All Countries World Index, 5.00% Citigroup World Government Bond Index	1 716	14 March 2019
Old Mutual Multi-Managers Inflation Plus 3-5%	Headline CPI + 5%	4 507	13 March 2019
SMM 50		434	06 March 2019
Sygnia Signature 50 Fund	34% SWIX   2.0% SA Listed Property   15.5% ALBI   2.5% SA Govt ILB Index   5% STeFI + 2%   19.5% STeFI   10% CPI   15% MSCI All Country Index   1% Barclays Global Bond Index   1% FTSE All Africa ex SA 30	1 610	15 March 2019
27Hour CPI + 7% Fund	Equity Band: 55% - 49%(Local & International Equity)	1 103	09 March 2019
Alexander Forbes Investments 62.5% Equity	SWIX (50%), ALBI (10%), SAGLIB (4.5%), SAPY (5%), STeFI (10%), MSCI World (14.5%), Barclays GBI (5%), MSCI EFM ex SA (1%) FTSE/JSE Capped SWIX ALSI 44.38%, MSCI World (Net) 14.75%, All Bond Index 9.76%, Barclays/ABSA SA Govt ILB Index 9.76%, Citi WGBI 7.50%, MSCI EFM Africa ex SA 4.00%, FTSE/JSE SA Property 3.55%, STeFI Call Deposit Index 3.55%, MSCI Emerging Markets 1.50%, US Treasury Bill 0.63%, French Treasury Bill 0.63%	55	14 March 2019
Momentum Investments Classic Factor 6	47.50% SWIX, 10.00% FTSE/JSE SA Listed Property Index, 5.00% ALBI, 5.00% SteFI, 5.00% Barclays BEASSA SA Government ILB Index, 2.50% SteFI, 20.00% MSCI All Countries World Index, 5.00% Citigroup World Government Bond Index	593	14 March 2019
Momentum Investments Enhanced Factor 6	47.50% SWIX, 10.00% FTSE/JSE SA Listed Property Index, 5.00% ALBI, 5.00% SteFI, 5.00% Barclays BEASSA SA Government ILB Index, 2.50% SteFI, 20.00% MSCI All Countries World Index, 5.00% Citigroup World Government Bond Index	5 020	14 March 2019
Old Mutual Multi-Managers Inflation Plus 5-7%	Headline CPI + 8%	11 019	13 March 2019
SMM 60		460	06 March 2019
Sygnia Signature 60 Fund	41% SWIX   2.5% SA Listed Property   11% ALBI   2.5% SA Govt ILB Index   4% STeFI + 2%   4% STeFI   10% CPI   18% MSCI All Country Index   6% Barclays Global	2 547	15 March 2019
Alexander Forbes Investments High Equity	Equity Band: 70% - 75%(Local & International Equity)	415	14 March 2019
Momentum Investments Classic Factor 7	FTSE/JSE Capped SWIX ALSI 53.25%, MSCI World (Net) 15.75%, Citi WGBI 7.50%, All Bond Index 7.10%, Barclays/ABSA SA Govt ILB Index 7.10%, MSCI EFM Africa ex SA 4.00%, FTSE/JSE SA Property 3.55%, MSCI Emerging Markets 1.25%	3 181	14 March 2019
Momentum Investments Enhanced Factor 7	55.00% FTSE/JSE SWIX, 10.00% FTSE/JSE SA Listed Property Index, 5.00% ALBI, 5.00% Barclays BEASSA SA Government ILB Index, 20.00% MSCI All Countries World Index, 5.00% Citigroup World Government Bond Index	18 388	14 March 2019
Momentum Investments Target Factor 7	55.00% FTSE/JSE SWIX, 10.00% FTSE/JSE SA Listed Property Index, 5.00% ALBI, 5.00% Barclays BEASSA SA Government ILB Index, 20.00% MSCI All Countries World Index, 5.00% Citigroup World Government Bond Index	449	14 March 2019
SMM 70		778	06 March 2019
Sygnia Signature 70 Fund	51% SWIX   2.5% SA Listed Property   7.75% ALBI   2.5% STeFI + 2%   1.25% STeFI   10% CPI   19% MSCI All Country Index   6% Barclays Global Bond Index	12 550	15 March 2019
<b>STRATEGIC ASSET ALLOCATION</b>			
Low Volatility			
Alexander Forbes Investments (Conservet)	FTSE/JSE Capped SWIX ALSI 32.00%, All Bond Index 24.00%, STeFI Call Deposit Index 24.00%, MSCI AC World 7.90%, Citi WGBI 6.00%, French Treasury Bill 3.00%, US Treasury Bill 3.00%	3 981	14 March 2019
Nedgroup Investments XS Guarded Fund of Funds	CPI + 3%	1 182	13 March 2019
STANLIB Multi-Manager Defensive Balanced Fund	CPI + 3%	2 339	14 March 2019
Best Investment View			
Alexander Forbes Investments (Perform)	Alexander Forbes Investable Global Large Manager Watch Median™	119 881	14 March 2019
Alexander Forbes Investments (Spectrum)	Alexander Forbes Investable Global Large Manager Watch Average™	1 069	14 March 2019
Momentum Investments Flexible Factor 6	47.50% FTSE/JSE SWIX, 10.00% FTSE/JSE SA Listed Property Index, 5.00% ALBI, 5.00% SteFI, 5.00% Barclays BEASSA SA Government ILB Index, 2.50% SteFI, 20.00% MSCI All Countries World Index, 5.00% Citigroup World Government Bond Index	650	14 March 2019
Momentum Investments Flexible Factor 7	55.00% FTSE/JSE SWIX, 10.00% FTSE/JSE SA Listed Property Index, 5.00% ALBI, 5.00% Barclays BEASSA SA Government ILB Index, 20.00% MSCI All Countries World Index, 5.00% Citigroup World Government Bond Index	1 924	14 March 2019
Nedgroup Investments XS Diversified Fund of Funds	Headline CPI + 5%	3 628	13 March 2019
Old Mutual Multi Managers Managed	Global LMW (Median/Non Investable)	2 685	13 March 2019
STANLIB Multi Manager Balanced Fund	Global BIV (Median/Non Investable)	6 212	14 March 2019

\* Reasonable use of the survey may be made for purposes of comment and study provided that full acknowledgement is made to 'Alexander Forbes'.  
 \* While all possible care is taken in the compilation of the Survey, reliance is placed on information received from Investment Managers.  
 \* 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.

# MULTI-MANAGER WATCH™ INVESTMENT PERFORMANCE (BALANCED MANDATES)

**Objectives**  
 Fixed Asset Allocation: Managers included in the above survey typically make use of fixed asset allocations, which mean that they balance the asset allocation back to the strategic long-term asset allocation target (from time to time, according to predefined strategies) with no intention to enhance returns from an asset allocation point of view. However, while some of these managers adhere rigidly to these fixed asset allocations others may allow these allocations to drift slightly within certain margins.  
 Strategic Asset Allocation: Although managers included in the above survey may have long term strategic asset allocation targets, they actively manage the asset allocation in an attempt to enhance returns. The different categories above (Low Volatility, Best Investment View and Dynamic) represent the different risk profiles of the funds. The Low Volatility category represents the manager's most conservatively managed portfolio of

	INVESTMENT DATA TO THE END OF FEBRUARY 2019																								Equity Allocation Domestic International						
	Performance Data						1 Year		3 Years		5 Years		7 Years		10 Years																
	Month		Quarter		Year to Date												Portfolio	Benchmark	Active Return	Rank	Portfolio	Benchmark	Active Return	Rank			Portfolio	Benchmark	Active Return	Rank	Portfolio
	Portfolio	Benchmark	Active Return	Portfolio	Benchmark	Active Return	Portfolio	Benchmark	Active Return	Rank	Portfolio	Benchmark	Active Return	Rank	Portfolio	Benchmark	Active Return	Rank	Portfolio	Benchmark	Active Return	Rank	Portfolio	Benchmark							
	FIXED ASSET ALLOCATION																														
	Equity Band: 15% - 34% (Local & International Equity)																														
Alexander Forbes Investments Low Equity	1.41%	0.93%	0.48%	3.48%	3.42%	0.06%	2.57%	2.29%	0.28%	3.96%	3.30%	0.66%	2	6.69%	5.79%	0.90%	1	7.19%	6.81%	0.38%	1	8.75%	8.35%	0.40%	1	9.71%	9.10%	0.61%	1		
Momentum Investments Enhanced Factor 3	1.69%	1.17%	0.52%	3.80%	3.42%	0.38%	3.15%	2.98%	0.16%	4.81%	3.45%	1.36%	1	5.62%	6.18%	-0.56%	2	6.90%	7.31%	-0.41%	2	8.07%	8.59%	-0.51%	2	*	*	*	*		0.00%
	Equity Band: 35% - 44% (Local & International Equity)																														
27four CPI+3% Fund	2.02%	1.33%	0.69%	4.14%	3.89%	0.25%	4.28%	3.01%	1.27%	5.00%	3.87%	1.13%	3	5.90%	6.37%	-0.47%	4	7.92%	7.59%	0.33%	3	*	*	*	*	*	*	*	*	31.71%	14.10%
Alexander Forbes Investments 37.5% Equity	1.83%	1.41%	0.42%	3.90%	4.05%	-0.15%	2.91%	2.76%	0.16%	2.90%	2.80%	0.10%	4	6.08%	5.61%	0.47%	2	6.94%	6.98%	-0.04%	4	9.14%	9.20%	-0.06%	1	10.57%	10.36%	0.21%	1		
Momentum Investments Classic Factor 4	2.02%	1.43%	0.59%	4.36%	4.15%	0.22%	3.81%	3.54%	0.27%	4.64%	2.81%	1.82%	1	6.17%	6.46%	-0.29%	3	7.42%	7.65%	-0.23%	5	8.96%	9.26%	-0.30%	2	*	*	*	*		0.00%
Old Mutual Multi-Managers Inflation Plus 1.3%	2.01%	0.68%	2.19%	3.95%	0.48%	3.97%	4.08%	0.13%	4.42%	5.33%	0.92%	-0.40%	5	7.65%	5.72%	2.09%	1	8.30%	5.61%	2.79%	1	*	*	*	*	*	*	*	*	9.37%	18.13%
Sygnia Signature 40 Fund	2.65%	2.15%	0.50%	4.69%	4.41%	0.27%	3.84%	3.28%	0.56%	6.72%	5.41%	1.31%	2	7.04%	7.73%	-0.70%	5	8.76%	8.33%	0.43%	2	*	*	*	*	*	*	*	*		
	Equity Band: 45% - 54% (Local & International Equity)																														
27four CPI+5% Fund	2.56%	1.77%	0.78%	4.70%	4.57%	0.13%	4.51%	3.56%	0.95%	3.28%	2.55%	0.73%	5	5.25%	6.06%	-0.82%	5	7.66%	7.50%	0.16%	3	*	10.25%	-10.25%	5	*	*	*	*	41.52%	15.79%
Alexander Forbes Investments Medium Equity	2.50%	1.97%	0.53%	4.21%	4.63%	-0.42%	3.24%	3.21%	0.03%	2.18%	2.46%	-0.28%	6	5.61%	5.40%	0.21%	3	6.61%	7.09%	-0.49%	6	9.53%	10.03%	-0.50%	4	11.47%	11.78%	-0.31%	2		
Momentum Investments Classic Factor 5	2.35%	1.65%	0.70%	5.29%	4.75%	0.54%	4.77%	4.32%	0.45%	3.77%	2.11%	1.66%	2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0.00%	
Momentum Investments Enhanced Factor 5	2.42%	1.65%	0.77%	5.13%	4.75%	0.38%	4.63%	4.32%	0.31%	3.99%	2.13%	1.86%	1	6.19%	6.30%	-0.11%	4	7.72%	7.91%	-0.19%	4	9.84%	10.04%	-0.20%	3	*	*	*	*	0.00%	
Old Mutual Multi-Managers Inflation Plus 3.5%	3.16%	0.22%	3.34%	5.41%	1.04%	5.59%	5.04%	0.45%	5.40%	2.41%	9.00%	-1.60%	7	7.01%	9.98%	2.03%	1	8.31%	10.12%	3.19%	1	*	*	*	*	*	*	*	35.24%	25.30%	
SMM 50	2.38%	1.67%	0.71%	5.27%	4.82%	0.45%	4.58%	2.98%	1.60%	3.20%	2.00%	1.20%	4	7.05%	6.69%	0.35%	2	7.19%	7.49%	-0.30%	5	9.77%	9.82%	-0.05%	2	11.79%	11.64%	0.15%	1		0.00%
Sygnia Signature 50 Fund	3.07%	2.45%	0.62%	5.27%	4.90%	0.37%	4.27%	3.68%	0.59%	6.08%	4.51%	1.58%	3	6.61%	7.44%	-0.84%	6	8.61%	8.22%	0.40%	2	11.71%	10.44%	1.27%	1						
	Equity Band: 55% - 69% (Local & International Equity)																														
27four CPI +7% Fund	3.02%	2.14%	0.88%	5.32%	5.09%	0.23%	5.21%	4.00%	1.20%	2.55%	1.83%	0.72%	5	4.79%	5.91%	-1.12%	7	7.59%	7.59%	0.00%	3	*	*	*	*	*	*	*	51.21%	18.00%	
Alexander Forbes Investments 62.5% Equity	2.83%	2.60%	0.23%	4.34%	5.10%	-0.76%	3.42%	3.64%	-0.22%	1.56%	2.48%	-0.92%	6	5.16%	5.23%	-0.07%	4	6.42%	7.23%	-0.81%	7	9.88%	10.66%	-0.78%	4	12.16%	12.78%	-0.62%	3		
Momentum Investments Classic Factor 6	3.16%	2.47%	0.68%	5.91%	5.25%	0.66%	5.72%	5.28%	0.44%	3.66%	1.72%	1.93%	2	6.63%	6.24%	0.38%	2	8.02%	8.18%	-0.16%	4	11.56%	11.43%	0.14%	1	*	*	*	*	0.00%	
Momentum Investments Enhanced Factor 6	3.28%	2.47%	0.80%	5.55%	5.25%	0.31%	5.44%	5.28%	0.16%	3.67%	1.72%	1.94%	1	6.37%	6.25%	0.12%	3	7.80%	8.18%	-0.38%	5	11.26%	11.43%	-0.17%	2	13.57%	13.51%	0.06%	1		0.00%
Old Mutual Multi-Managers Inflation Plus 5-7%	3.57%	0.30%	3.75%	5.97%	1.28%	6.15%	5.49%	0.61%	5.86%	0.57%	10.00%	-3.43%	7	6.45%	10.98%	1.47%	1	7.82%	11.12%	2.70%	1	*	*	*	*	*	*	*	47.29%	27.35%	
SMM 60	2.67%	1.92%	0.76%	5.84%	5.35%	0.50%	5.08%	3.60%	1.48%	2.30%	0.96%	1.34%	3	6.82%	6.94%	-0.13%	5	6.88%	7.64%	-0.77%	6	9.60%	10.36%	-0.76%	3	12.27%	12.51%	-0.24%	2		0.00%
Sygnia Signature 60 Fund	3.34%	2.75%	0.59%	5.78%	5.39%	0.39%	4.70%	4.08%	0.62%	5.38%	4.14%	1.24%	4	6.26%	7.14%	-0.88%	6	8.52%	8.27%	0.25%	2	*	*	*	*	*	*	*			
	Equity Band: 70% - 75% (Local & International Equity)																														
Alexander Forbes Investments High Equity	3.28%	3.17%	0.10%	4.51%	5.48%	-0.97%	3.69%	4.17%	-0.48%	1.03%	2.10%	-1.07%	6	5.24%	5.42%	-0.17%	4	6.39%	7.33%	-0.94%	5	10.18%	11.15%	-0.97%	5	12.87%	13.73%	-0.85%	3		
Momentum Investments Classic Factor 7	3.33%	2.57%	0.76%	6.04%	5.35%	0.68%	5.89%	5.51%	0.39%	2.35%	0.38%	1.97%	2	6.73%	6.05%	0.67%	1	8.11%	11.78%	0.36%	2	12.14%	11.78%	0.36%	2	*	*	*	*	0.00%	
Momentum Investments Enhanced Factor 7	3.42%	2.57%	0.84%	5.72%	5.35%	0.37%	5.70%	5.51%	0.19%	2.64%	0.38%	2.26%	1	6.34%	6.06%	0.29%	3	7.82%	8.10%	-0.27%	3	11.84%	11.78%	0.06%	3	14.37%	14.27%	0.10%	1		0.00%
Momentum Investments Target Factor 7	2.99%	2.57%	0.42%	6.00%	5.35%	0.65%	5.69%	5.51%	0.18%	1.50%	0.38%	1.12%	5	6.35%	6.06%	0.30%	2	*	*	*	*	*	*	*	*	*	*	*	*	0.00%	
SMM 70	3.11%	2.22%	0.89%	6.41%	5.69%	0.71%	5.46%	4.04%	1.42%	1.89%	0.15%	1.74%	3	6.61%	6.83%	-0.22%	5	6.74%	7.61%	-0.87%	4	10.26%	10.73%	-0.47%	4	13.03%	13.19%	-0.16%	2		0.00%
Sygnia Signature 70 Fund	3.73%	3.05%	0.67%	6.36%	5.88%	0.47%	5.19%	4.48%	0.71%	4.62%	3.17%	1.45%	4	5.78%	6.85%	-1.07%	6	8.42%	8.13%	0.28%	1	12.30%	11.44%	0.87%	1	*	*	*	*		
	STRATEGIC ASSET ALLOCATION																														
	Low Volatility																														
Alexander Forbes Investments (Conservar)	2.48%	1.78%	0.70%	4.78%	4.19%	0.59%	3.36%	2.63%	0.73%	7.14%	4.21%	2.93%	1	7.48%	6.48%	1.00%	1	7.27%	7.34%	-0.07%	2	9.18%	9.33%	-0.15%	2	10.81%	10.54%	0.26%	1		
Nedgroup Investments XS Guarded Fund of Funds	1.50%	0.04%	1.45%	3.47%	0.55%	2.93%	3.45%	0.11%	3.34%	6.84%	7.12%	-0.28%	2	7.58%	8.13%	-0.55%	2	8.32%	8.27%	0.05%	1	10.20%	8.41%	1.79%	1	*	*	*	*	0.00%	0.00%
STANLIB Multi-Manager Defensive Balanced Fund	2.20%	0.04%	2.15%	3.81%	0.53%	3.28%	3.33%	0.11%	3.21%	5.95%	6.96%	-1.00%	3	6.09%	8.26%	-2.18%	3	*	*	*	*	*	*	*	*	*	*	*	17.16%	14.70%	
	Best Investment View																														
Alexander Forbes Investments (Performer)	3.91%	3.18%	0.73%	5.78%	5.65%	0.12%	4.87%	4.80%	0.07%	4.47%	3.62%	0.86%	4	7.18%	6.29%	0.90%	1	8.25%	7.17%	1.08%	1	11.92%	10.68%	1.24%	1	14.24%	13.50%	0.75%	1		
Alexander Forbes Investments (Spectrum)	3.13%	3.37%	-0.24%	5.58%	5.54%	0.03%	4.74%	4.77%	-0.03%	3.31%	3.66%	-0.35%	5	6.30%	6.08%	0.21%	3	6.88%	6.49%	0.39%	2	10.47%	10.18%	0.29%	2	13.25%	13.01%	0.24%	2		
Momentum Investments Flexible Factor 6	3.28%	2.47%	0.81%	5.65%	5.25%	0.40%	5.04%	5.28%	-0.24%	4.23%	1.72%	2.51%	2	5.64%	6.25%	-0.60%	6	7.71%	8.18%	-0.47%	4	10.56%	11.43%	-0.87%	3	*	*	*	*	0.00%	
Momentum Investments Flexible Factor 7	3.80%	2.57%	1.22%	6.91%	5.35%	1.55%	5.24%	5.51%	-0.27%	3.93%	0.38%	3.55%	1	6.81%	6.06%	0.74%	5	7.56%	8.10%	-0.53%	5	*	*	*	*	*	*	*	0.00%		
Nedgroup Investments XS Diversified Fund of Funds	1.95%	0.19%	1.75%	4.07%	1.02%	3.05%	4.26%	0.24%	3.24%	2.49%	9.20%	-6.70%	7	6.32%	10.22%	-3.90%	7	7.12%	10.37%	-3.25%	6	*	*	*	*	*	*	*	0.00%	0.00%	
Old Mutual Multi Managers Managed	3.50%	3.18%	0.32%	6.06%	5.65%	0.41%	5.21%	4.80%	0.41%	3.01%	3.62%	-0.60%	6	6.59%	6.31%	0.29%	2	7.25%	7.20%	0.05%	3	*	*	*	*	*	*	*	43.55%	24.92%	
STANLIB Multi Manager Balanced Fund	3.45%	3.12%	0.33%	5.77%	5.68%	0.11%	5.14%	5.03%	0.11%	4.53%	3.59%	0.94%	3	6.43%	6.47%	-0.05%	4	*	*	*	*	*	*	*	*	*	*	*	48.65%	21.35%	

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

# MULTI-MANAGER WATCH™ INVESTMENT PERFORMANCE (SPECIALIST MANDATES)

GENERAL INFORMATION			
Benchmark Description		Portfolio Size (R.m)	Admin - efficiency : Date data submitted
<b>SPECIALIST MANDATES</b>			
<b>EQUITY MANDATES</b>			
<b>Benchmark Cognisant</b>			
Alexander Forbes Investments Pure Equity Local	FTSE/JSE Capped SWIX ALSI	16 652	14 March 2019
Momentum Investments Classic Equity	FTSE/JSE SWIX All Share Index	13 432	14 March 2019
Momentum Investments Target Equity	FTSE/JSE SWIX All Share Index	463	14 March 2019
STANLIB Multi-Manager SA Equity Fund	FTSE/JSE Capped SWIX ALSI	10 087	14 March 2019
Sygnia Core Equity Fund	FTSE/JSE SWIX All Share Index	4 229	15 March 2019
<b>Non Benchmark Cognisant</b>			
Sygnia Absolute Focus Equity Fund	FTSE/JSE SWIX All Share Index	4 086	15 March 2019
<b>BOND MANDATES</b>			
Alexander Forbes Investments Pure Fixed Interest Local	All Bond Index	3 993	14 March 2019
Momentum Investments Moderate Bond FOF	All Bond Index	115	14 March 2019
STANLIB Multi-Manager Bond	All Bond Index	3 677	14 March 2019
<b>MONEY MARKET MANDATES</b>			
Alexander Forbes Investments Banker	STEFI Call Deposit	17 682	14 March 2019
Momentum Investments Diversified Money Market	STeFI	257	14 March 2019
Old Mutual Multi-Managers Money Market	STeFI	894	13 March 2019
STANLIB MM Enhanced Yield	STEFI	1 810	14 March 2019
Sygnia Money Market Fund	STeFI	2 245	15 March 2019
<b>ABSOLUTE RETURN MANDATES</b>			
Alexander Forbes Investments Real Return Focus Local	CPI + 5%	7 192	14 March 2019
Alexander Forbes Investments Real Return Focus Portfolio	CPI + 5%	4 562	14 March 2019
Alexander Forbes Investments Stable Focus	CPI + 4%	3 630	14 March 2019
Momentum Investments Absolute Strategies	CPI + 4%	1 141	14 March 2019
Momentum Investments Real Return	CPI + 4%	581	14 March 2019
Old Mutual Multi Managers Absolute Balanced Fund	CPI+6% (CPI+7% prior to Sept 13)	255	13 March 2019
Old Mutual Multi Managers Absolute Defensive Fund	CPI+4% (CPI+5% prior to Sept 13)	932	13 March 2019
SMM Moderate Absolute Fund	CPI+5%	576	06 March 2019
STANLIB Multi-Manager Real Return Fund	CPI+5%	1 215	14 March 2019
<b>MEDICAL AID MANDATES</b>			
Alexander Forbes Investments Medical Schemes Real Return Focus	CPI+4%	350	

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\* While all possible care is taken in the compilation of the Survey, reliance is placed on information received from Investment Managers.

\* 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.

# MULTI-MANAGER WATCH™ INVESTMENT PERFORMANCE (SPECIALIST MANDATES)

**Objectives**

Fixed Asset Allocation: Managers included in the above survey typically make use of fixed asset allocations, which mean that they balance the asset allocation back to the strategic long-term asset allocation target (from time to time, according to predefined strategies) with no intention to enhance returns from an asset allocation point of view. However, while some of these managers adhere rigidly to these fixed asset allocations others may allow these allocations to drift slightly within certain margins.

Strategic Asset Allocation: Although managers included in the above survey may have long term strategic asset allocation targets, they actively manage the asset allocation in an attempt to enhance returns. The different categories above (Low Volatility, Best Investment View and Dynamic) represent the different risk profiles of the funds. The Low Volatility category represents the manager's most conservatively managed portfolio while the Dynamic category

INVESTMENT DATA TO THE END OF FEBRUARY 2019																													
Performance Data																													
	Month			Quarter			Year to Date			1 Year				3 Years				5 Years				7 Years				10 Years			
	Portfolio	Benchmark	Active Return	Portfolio	Benchmark	Active Return	Portfolio	Benchmark	Active Return	Portfolio	Benchmark	Active Return	Rank	Portfolio	Benchmark	Active Return	Rank	Portfolio	Benchmark	Active Return	Rank	Portfolio	Benchmark	Active Return	Rank				
<b>EQUITY MANDATES</b>																													
<b>Benchmark Co-Invest</b>																													
Alexander Forbes Investments Pure Equity Local	1.39%	1.23%	0.16%	5.56%	6.73%	-1.15%	3.60%	4.04%	-0.44%	-7.82%	-8.19%	-1.63%	5	3.78%	5.09%	-1.31%	4	3.65%	6.00%	-2.35%	3	8.09%	10.15%	-2.06%	3	13.07%	14.90%	-1.84%	2
Momentum Investments Classic Equity	2.59%	1.23%	1.36%	8.06%	6.73%	1.34%	5.13%	4.04%	1.10%	-3.67%	-6.19%	2.52%	1	6.36%	6.54%	-0.19%	3	6.08%	6.87%	-0.79%	1	10.57%	10.80%	-0.23%	1	14.97%	15.38%	-0.41%	1
Momentum Investments Target Equity	2.18%	1.23%	0.95%	8.21%	6.73%	1.48%	5.30%	4.04%	1.26%	-5.38%	-6.15%	0.77%	3	6.81%	6.55%	0.25%	1	-	-	-	-	-	-	-	-	-	-	-	-
STANLIB Multi-Manager SA Equity Fund	2.00%	1.23%	0.77%	6.96%	6.73%	0.23%	4.80%	4.04%	0.86%	-3.69%	-6.19%	2.49%	2	5.43%	5.43%	0.00%	2	4.55%	6.20%	-1.65%	2	8.69%	10.30%	-1.61%	2	-	-	-	-
Sygnia Core Equity Fund	1.64%	1.57%	0.08%	7.78%	7.74%	0.04%	4.73%	4.70%	0.03%	-6.14%	-5.77%	-0.37%	4	3.93%	6.10%	-2.17%	5	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non Benchmark Co-Invest</b>																													
Sygnia Absolute Focus Equity Fund	3.27%	1.97%	1.70%	10.47%	7.74%	2.74%	6.18%	4.70%	1.47%	-1.31%	-5.77%	4.46%		5.07%	6.10%	-1.03%		7.73%	6.60%	1.12%		-	-	-		-	-	-	
<b>BOND MANDATES</b>																													
Alexander Forbes Investments Pure Fixed Interest Local	-0.45%	-0.44%	-0.01%	3.07%	3.10%	-0.03%	2.45%	2.45%	0.01%	5.46%	4.21%	1.25%	2	11.72%	10.58%	1.14%	2	9.45%	8.43%	1.02%	1	8.90%	7.84%	1.06%	1	9.48%	8.52%	0.96%	1
Momentum Investments Moderate Bond FOF	-0.45%	-0.44%	-0.01%	3.03%	3.10%	-0.07%	2.40%	2.45%	-0.05%	4.48%	4.21%	0.27%	3	11.05%	10.58%	0.47%	3	8.81%	8.43%	0.38%	2	8.36%	7.84%	0.53%	2	9.27%	8.52%	0.74%	2
STANLIB Multi-Manager Bond	-0.25%	-0.44%	0.20%	3.24%	3.10%	0.14%	2.68%	2.45%	0.23%	6.22%	4.21%	2.01%	1	11.82%	10.58%	1.24%	1	-	-	-	-	-	-	-	-	-	-	-	-
<b>MONEY MARKET MANDATES</b>																													
Alexander Forbes Investments Banker	0.66%	0.50%	0.16%	2.13%	1.61%	0.52%	1.41%	1.06%	0.36%	8.75%	6.57%	2.18%	1	9.92%	6.78%	3.13%	2	8.25%	6.36%	1.89%	1	7.72%	5.94%	1.78%	1	7.77%	6.06%	1.71%	1
Momentum Investments Diversified Money Market	0.64%	0.55%	0.10%	2.12%	1.76%	0.36%	1.40%	1.16%	0.24%	8.87%	7.26%	1.61%	2	9.07%	7.42%	1.66%	3	8.24%	6.97%	1.27%	2	7.68%	6.50%	1.17%	2	-	-	-	-
Old Mutual Multi-Managers Money Market	0.62%	0.52%	0.10%	1.97%	1.68%	0.29%	1.28%	1.10%	0.18%	7.95%	6.95%	0.99%	5	8.11%	7.08%	1.02%	5	7.49%	6.68%	0.81%	4	7.08%	6.29%	0.79%	3	7.30%	6.49%	0.81%	2
STANLIB MM Enhanced Yield	0.72%	0.55%	0.17%	2.20%	1.76%	0.44%	1.48%	1.16%	0.32%	8.79%	7.26%	1.54%	3	9.08%	6.14%	2.94%	1	-	-	-	-	-	-	-	-	-	-	-	-
Sygnia Money Market Fund	0.61%	0.55%	0.06%	2.03%	1.76%	0.27%	1.32%	1.16%	0.17%	8.41%	7.26%	1.15%	4	8.64%	7.42%	1.23%	4	7.87%	6.97%	0.90%	3	-	-	-	-	-	-	-	-
<b>ABSOLUTE RETURN MANDATES</b>																													
Alexander Forbes Investments Real Return Focus Local	1.03%	0.13%	0.91%	4.05%	0.79%	3.25%	2.94%	0.28%	2.66%	3.71%	8.03%	-4.32%	8	7.96%	8.99%	-1.03%	4	7.43%	9.47%	-2.04%	6	8.37%	9.82%	-1.45%	6	-	-	-	-
Alexander Forbes Investments Real Return Focus Portfolio	2.23%	0.13%	2.10%	4.31%	0.79%	3.51%	3.06%	0.28%	2.77%	6.47%	8.03%	-1.56%	4	7.12%	8.99%	-1.86%	5	7.80%	9.47%	-1.67%	4	9.39%	9.93%	-0.45%	4	10.03%	10.10%	-0.07%	4
Alexander Forbes Investments Stable Focus	1.09%	0.05%	1.04%	3.27%	0.55%	2.72%	2.46%	0.12%	2.34%	5.67%	7.02%	-1.35%	3	7.19%	7.99%	-0.80%	3	7.02%	8.47%	-1.45%	3	7.79%	8.79%	-1.00%	5	-	-	-	-
Momentum Investments Absolute Strategies	0.90%	0.14%	1.09%	4.45%	0.80%	4.64%	3.10%	0.29%	3.47%	3.29%	8.00%	-0.72%	2	6.81%	8.88%	1.83%	2	6.53%	9.12%	1.41%	2	6.69%	9.25%	1.44%	2	7.56%	9.28%	2.28%	2
Momentum Investments Real Return	0.78%	0.06%	0.97%	3.21%	0.56%	3.39%	2.26%	0.13%	2.62%	8.58%	7.00%	4.58%	1	8.11%	7.98%	3.13%	1	7.49%	8.12%	2.37%	1	8.02%	8.25%	2.78%	1	8.24%	8.28%	2.95%	1
Old Mutual Multi Managers Absolute Balanced Fund	2.99%	0.30%	3.17%	4.85%	0.80%	4.55%	4.79%	0.13%	5.15%	3.23%	9.65%	-5.92%	9	5.60%	10.70%	-4.93%	9	6.99%	10.96%	-3.88%	7	10.00%	11.55%	-1.48%	7	11.94%	11.84%	0.15%	3
Old Mutual Multi Managers Absolute Defensive Fund	3.00%	0.14%	3.18%	3.90%	0.48%	3.75%	4.08%	-0.03%	4.44%	5.48%	7.77%	-1.96%	6	5.51%	8.79%	-3.17%	7	7.32%	9.11%	-1.73%	5	9.65%	9.48%	0.22%	3	10.41%	10.71%	-0.26%	5
SMM Moderate Absolute Fund	2.42%	1.46%	0.95%	5.07%	1.94%	3.13%	4.59%	1.70%	2.89%	8.82%	10.53%	-1.71%	5	6.74%	10.82%	-4.08%	8	-	-	-	-	-	-	-	-	-	-	-	-
STANLIB Multi-Manager Real Return Fund	3.28%	0.19%	3.09%	5.28%	1.00%	4.28%	4.64%	0.43%	4.21%	6.90%	8.95%	-2.05%	7	6.66%	10.34%	-2.65%	6	-	-	-	-	-	-	-	-	-	-	-	-
<b>MEDICAL AID MANDATES</b>																													
Alexander Forbes Investments Medical Schemes Real Return Focus	1.11%	0.05%	1.06%	4.00%	0.55%	3.45%	2.76%	0.12%	2.64%	5.18%	7.02%	-1.84%		7.31%	7.98%	-0.67%		7.01%	8.47%	-1.46%		7.52%	8.79%	-1.27%		9.11%	8.89%	0.22%	
<b>INDICES</b>																													
FTSE / JSE All Share Index (Free Float)	3.41%			10.83%			6.31%			-0.90%				7.35%				6.56%				10.51%				15.00%			
FTSE / JSE SWIX All Share Index	1.57%			7.74%			4.70%			-5.77%				6.10%				6.60%				10.60%				15.23%			
All Bond	-0.44%			3.10%			2.45%			4.21%				10.58%				8.43%				7.84%				8.52%			
Short Term Fixed Interest Rate Index	0.55%			1.76%			1.16%			7.26%				7.42%				6.97%				6.50%				6.63%			
Combination of old CPXI and new CPI*	-0.18%			-0.36%			4.00%			4.98%				5.12%				5.12%				5.25%				5.28%			
Consumer Price Inflation (Old/New combined CPI)*	-0.18%			-0.18%			-0.36%			4.00%				4.98%				5.12%				5.25%				5.28%			
Consumer Price Inflation (Headline CPI) [i-Net code: AECPI]	-0.18%			-0.18%			-0.36%			4.00%				4.98%				5.12%				5.25%				5.28%			

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# MULTI-MANAGER WATCH™ INVESTMENT PERFORMANCE (BALANCED MANDATES)

## Objectives

Fixed Asset Allocation: Managers included in the above survey typically make use of fixed asset allocations, which mean that they balance the asset allocation back to the strategic long-term asset allocation target (from time to time, according to predefined strategies) with no intention to enhance returns from an asset allocation point of view. However, while some of these managers adhere rigidly to these fixed asset allocations others may allow these allocations to drift slightly within certain margins.

Strategic Asset Allocation: Although managers included in the above survey may have long term strategic asset allocation targets, they actively manage the asset allocation in an attempt to enhance returns. The different categories above (Low Volatility, Best Investment View and Dynamic) represent the different risk profiles of the funds. The Low Volatility category represents the manager's most conservatively managed portfolio while the Dynamic category represents the managers most aggressively managed portfolio, according to the manager's discretion.

	INVESTMENT DATA TO THE END OF FEBRUARY 2019																			
	PERFORMANCE DATA																			
	2018				2017				2016				2015				2014			
	Portfolio	Benchmark	Active Return	Rank	Portfolio	Benchmark	Active Return	Rank	Portfolio	Benchmark	Active Return	Rank	Portfolio	Benchmark	Active Return	Rank	Portfolio	Benchmark	Active Return	Rank
<b>STRATEGIC ASSET ALLOCATION</b>																				
<b>Equity Band: 15% - 24% (Local &amp; International Equity)</b>																				
Alexander Forbes Investments Low Equity	1.49%	0.65%	0.84%	2	9.99%	9.37%	0.62%	1	6.55%	5.71%	0.84%	1	6.03%	5.98%	0.05%	2	10.09%	10.80%	-0.71%	1
Momentum Investments Enhanced Factor 3	0.32%	-0.60%	0.92%	1	8.70%	10.60%	-1.89%	2	6.07%	6.43%	-0.36%	2	8.38%	6.63%	1.75%	1	9.92%	11.46%	-1.55%	2
<b>Equity Band: 35% - 44% (Local &amp; International Equity)</b>																				
27four CPI+3% Fund	-0.40%	-0.07%	-0.33%	4	9.21%	10.57%	-1.36%	4	2.72%	6.02%	-3.30%	4	12.25%	7.64%	4.60%	2	12.87%	12.23%	0.64%	2
Alexander Forbes Investments 37.5% Equity	-0.51%	-0.67%	0.17%	3	10.80%	10.30%	0.30%	2	5.37%	4.75%	0.62%	1	6.71%	7.01%	-0.29%	5	10.70%	11.92%	-1.21%	4
Momentum Investments Enhanced Factor 4	-0.53%	-1.83%	1.29%	1	10.31%	12.21%	-1.91%	5	5.79%	6.00%	-0.21%	2	8.90%	7.12%	1.78%	4	10.79%	12.49%	-1.70%	5
Old Mutual Multi-Managers Inflation Plus 1-3%	0.95%	7.28%	-6.33%	5	11.34%	5.27%	6.07%	1	5.31%	6.76%	-1.45%	3	8.57%	5.23%	3.34%	3	12.40%	5.31%	7.09%	1
Sygnia Signature 40 Fund	2.54%	2.27%	0.27%	2	10.98%	11.92%	-0.95%	3	2.26%	6.09%	-3.84%	5	14.55%	7.95%	6.60%	1	12.18%	11.70%	0.47%	3
<b>Equity Band: 45% - 54% (Local &amp; International Equity)</b>																				
27four CPI+5% Fund	-2.42%	-2.20%	-0.22%	5	9.86%	11.78%	-1.91%	6	1.43%	5.01%	-3.57%	5	12.64%	8.03%	4.61%	3	14.18%	13.31%	0.88%	2
Alexander Forbes Investments Medium Equity	-1.76%	-1.77%	0.01%	4	11.12%	11.14%	-0.02%	2	3.97%	3.56%	0.40%	2	7.01%	8.10%	-1.09%	5	10.96%	12.80%	-1.85%	5
Momentum Investments Classic Factor 5	-3.10%	-4.35%	1.25%	2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Momentum Investments Enhanced Factor 5	-2.94%	-4.31%	1.37%	1	12.25%	14.16%	-1.90%	5	5.19%	4.76%	0.43%	1	9.69%	8.65%	1.04%	4	11.93%	13.84%	-1.91%	6
Old Mutual Multi-Managers Inflation Plus 3-5%	-4.05%	5.18%	-9.24%	7	14.85%	4.62%	10.23%	1	3.86%	6.61%	-2.75%	4	10.86%	4.77%	6.09%	2	12.91%	5.80%	7.11%	1
SMM 50	-1.59%	-1.03%	-0.57%	6	12.63%	13.39%	-0.76%	3	5.70%	5.35%	0.36%	3	5.41%	6.62%	-1.21%	6	10.88%	12.08%	-1.20%	4
Sygnia Signature 50 Fund	0.71%	0.35%	0.36%	3	11.62%	13.06%	-1.44%	4	1.44%	5.19%	-3.75%	6	14.96%	8.42%	6.54%	1	12.75%	12.32%	0.43%	3
<b>Equity Band: 55% - 69% (Local &amp; International Equity)</b>																				
27four CPI +7% Fund	-4.12%	-3.76%	-0.36%	4	10.02%	12.89%	-2.88%	7	0.14%	4.12%	-3.98%	7	14.35%	9.00%	5.34%	3	14.57%	14.28%	0.30%	3
Alexander Forbes Investments 62.5% Equity	-2.97%	-2.52%	-0.45%	6	11.91%	11.87%	0.04%	2	2.38%	2.24%	0.15%	3	8.33%	9.70%	-1.36%	6	11.03%	13.36%	-2.33%	7
Momentum Investments Classic Factor 6	-4.54%	-6.22%	1.67%	2	14.43%	15.89%	-1.46%	3	4.49%	3.25%	1.24%	1	9.89%	10.48%	-0.60%	5	12.89%	14.91%	-2.01%	5
Momentum Investments Enhanced Factor 6	-4.15%	-6.21%	2.05%	1	13.66%	15.89%	-2.23%	6	4.15%	3.25%	0.90%	2	10.07%	10.48%	-0.41%	4	12.65%	14.91%	-2.26%	6
Old Mutual Multi-Managers Inflation Plus 5-7%	-6.50%	5.18%	-11.69%	7	15.31%	4.62%	10.69%	1	2.77%	6.61%	-3.84%	6	11.28%	4.77%	6.52%	1	13.54%	5.80%	7.73%	1
SMM 60	-3.13%	-2.71%	-0.42%	5	13.15%	14.87%	-1.71%	4	5.51%	5.44%	0.07%	4	4.65%	6.18%	-1.53%	7	11.22%	12.97%	-1.75%	4
Sygnia Signature 60 Fund	-0.82%	-1.03%	0.21%	3	11.98%	13.90%	-1.92%	5	0.89%	4.07%	-3.19%	5	15.22%	9.64%	5.58%	2	13.80%	13.13%	0.67%	2
<b>Equity Band: 70% - 75% (Local &amp; International Equity)</b>																				
Alexander Forbes Investments High Equity	-4.00%	-3.65%	-0.35%	6	12.70%	13.04%	-0.34%	2	2.29%	1.89%	0.40%	3	8.56%	9.81%	-1.25%	4	11.08%	13.92%	-2.84%	5
Momentum Investments Classic Factor 7	-6.05%	-7.82%	1.77%	2	15.75%	17.02%	-1.27%	3	4.76%	3.00%	1.76%	1	9.31%	10.24%	-0.94%	3	13.87%	15.82%	-1.95%	3
Momentum Investments Enhanced Factor 7	-5.73%	-7.81%	2.08%	1	14.99%	17.02%	-2.03%	5	3.96%	3.00%	0.96%	2	9.72%	10.24%	-0.53%	2	13.55%	15.82%	-2.27%	4
Momentum Investments Target Factor 7	-7.06%	-7.81%	0.75%	3	17.11%	17.02%	0.09%	1	3.14%	3.00%	0.14%	4	*	*	*	*	*	*	*	*
SMM 70	-4.58%	-4.44%	-0.14%	5	14.12%	16.04%	-1.92%	4	4.58%	4.73%	-0.16%	5	4.81%	6.82%	-2.01%	5	11.75%	13.43%	-1.69%	2
Sygnia Signature 70 Fund	-2.68%	-2.91%	0.23%	4	12.59%	15.06%	-2.47%	6	-0.27%	3.25%	-3.52%	6	16.19%	9.94%	6.25%	1	14.78%	13.80%	0.98%	1
<b>FIXED ASSET ALLOCATION</b>																				
<b>Low Volatility</b>																				
Alexander Forbes Investments (Conservar)	4.45%	2.22%	2.23%	1	10.26%	10.29%	-0.02%	3	5.31%	5.06%	0.25%	1	6.65%	7.17%	-0.52%	2	7.93%	10.73%	-2.80%	2
Nedgroup Investments XS Guarded Fund of Funds	4.25%	8.34%	-4.09%	2	8.13%	7.76%	0.38%	2	6.43%	9.81%	-3.38%	2	9.55%	7.91%	1.65%	1	11.34%	8.98%	2.36%	1
STANLIB Multi-Manager Defensive Balanced Fund	1.86%	8.16%	-6.30%	3	9.41%	7.62%	1.79%	1	3.77%	9.79%	-6.02%	3	*	*	*	*	*	*	*	*
<b>Best Investment View</b>																				
Alexander Forbes Investments (Performer)	-0.71%	-1.96%	1.25%	3	11.93%	11.30%	0.63%	2	5.05%	3.58%	1.47%	1	10.64%	8.58%	2.06%	2	11.50%	11.68%	-0.18%	3
Alexander Forbes Investments (Spectrum)	-2.15%	-2.08%	-0.07%	5	11.81%	11.22%	0.58%	3	4.48%	3.74%	0.74%	3	7.21%	6.76%	0.45%	5	10.27%	10.15%	0.11%	2
Momentum Investments Flexible Factor 6	-3.27%	-6.21%	2.93%	2	11.47%	15.89%	-4.42%	6	3.22%	3.25%	-0.03%	4	11.19%	10.48%	0.70%	3	13.19%	14.91%	-1.72%	5
Momentum Investments Flexible Factor 7	-2.75%	-7.81%	5.06%	1	11.41%	17.02%	-5.61%	7	2.86%	3.00%	-0.14%	5	10.72%	10.24%	0.48%	4	12.73%	15.82%	-3.09%	6
Nedgroup Investments XS Diversified Fund of Funds	-1.20%	10.44%	-11.64%	7	9.67%	9.85%	-0.18%	4	4.87%	11.95%	-7.08%	7	8.57%	10.00%	-1.43%	7	11.29%	11.09%	0.20%	1
Old Mutual Multi Managers Managed	-3.01%	-1.96%	-1.04%	6	12.56%	11.53%	1.03%	1	4.03%	3.23%	0.80%	2	8.02%	9.03%	-1.01%	6	11.36%	11.61%	-0.25%	4
STANLIB Multi Manager Balanced Fund	-1.21%	-2.32%	1.11%	4	11.70%	11.99%	-0.29%	5	3.24%	3.46%	-0.23%	6	10.55%	8.12%	2.42%	1	*	*	*	*

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# MULTI-MANAGER WATCH™ INVESTMENT PERFORMANCE (SPECIALIST MANDATES)

	INVESTMENT DATA TO THE END OF FEBRUARY 2019																			
	2018				2017				2016				2015				2014			
	Portfolio	Benchmark	Active Return	Rank	Portfolio	Benchmark	Active Return	Rank	Portfolio	Benchmark	Active Return	Rank	Portfolio	Benchmark	Active Return	Rank	Portfolio	Benchmark	Active Return	Rank
<b>EQUITY MANDATES</b>																				
<b>Benchmark Cognisant</b>																				
Alexander Forbes Investments Pure Equity Local	-12.28%	-10.93%	-1.34%	5	15.21%	17.57%	-2.36%	2	4.20%	4.13%	0.07%	3	1.11%	3.62%	-2.51%	3	10.52%	15.42%	-4.90%	3
Momentum Investments Classic Equity	-9.55%	-10.93%	1.38%	2	18.06%	22.51%	-4.45%	2	5.89%	4.13%	1.76%	1	2.58%	3.62%	-1.04%	2	12.34%	15.42%	-3.08%	1
Momentum Investments Target Equity	-11.50%	-10.90%	-0.60%	4	22.67%	22.51%	0.16%	1	4.63%	4.13%	0.50%	2	*	*	*	*	*	*	*	*
STANLIB Multi-Manager SA Equity Fund	-8.53%	-10.94%	2.40%	1	14.14%	18.71%	-4.57%	4	3.85%	4.13%	-0.28%	4	0.40%	3.62%	-3.22%	4	11.70%	15.42%	-3.72%	2
Sygnia Core Equity Fund	-12.06%	-11.67%	-0.40%	3	16.51%	21.21%	-4.70%	5	1.82%	4.13%	-2.31%	5	3.42%	3.62%	-0.20%	1	*	*	*	*
<b>Non Benchmark Cognisant</b>																				
Sygnia Absolute Focus Equity Fund	-8.70%	-11.67%	2.97%		12.80%	21.21%	-8.42%		2.34%	4.13%	-1.79%		11.68%	3.62%	8.06%		17.35%	15.42%	1.92%	
<b>BONDS MANDATES</b>																				
Alexander Forbes Investments Pure Fixed Interest Local	8.73%	7.74%	0.99%	2	11.35%	10.19%	1.16%	1	16.53%	15.42%	1.11%	1	-2.56%	-3.93%	1.37%	1	11.08%	10.15%	0.93%	1
Momentum Investments Moderate Bond FOF	8.12%	7.69%	0.44%	3	10.68%	10.22%	0.46%	3	16.02%	15.45%	0.57%	3	-3.48%	-3.93%	0.45%	2	10.22%	10.15%	0.08%	2
STANLIB Multi-Manager Bond	9.15%	7.69%	1.46%	1	11.36%	10.22%	1.15%	2	16.24%	15.45%	0.78%	2	*	*	*	*	*	*	*	*
<b>MONEY MARKET MANDATES</b>																				
Alexander Forbes Investments Banker	8.80%	6.61%	2.19%	1	8.81%	6.86%	1.95%	1	8.97%	6.82%	2.15%	2	7.38%	5.79%	1.58%	1	6.74%	5.42%	1.32%	1
Momentum Investments Diversified Money Market	9.10%	7.25%	1.85%	2	9.24%	7.54%	1.71%	3	8.74%	7.39%	1.34%	3	7.38%	6.47%	0.92%	2	6.33%	5.91%	0.42%	2
Old Mutual Multi-Managers Money Market	8.00%	6.99%	1.00%	5	8.21%	7.16%	1.05%	5	8.01%	7.02%	0.98%	5	6.73%	6.06%	0.66%	4	6.22%	5.91%	0.31%	3
STANLIB MM Enhanced Yield	8.90%	7.25%	1.65%	3	9.28%	7.51%	1.77%	2	8.96%	3.64%	5.32%	1	6.99%	6.43%	0.57%	5	*	*	*	*
Sygnia Money Market Fund	8.52%	7.25%	1.27%	4	8.85%	7.54%	1.31%	4	8.40%	7.39%	1.01%	4	7.21%	6.46%	0.75%	3	6.01%	5.90%	0.10%	4
<b>ABSOLUTE RETURN MANDATES</b>																				
Alexander Forbes Investments Real Return Focus Local	1.28%	9.21%	-7.93%	6	11.85%	8.62%	3.23%	3	7.07%	10.61%	-2.91%	3	3.28%	9.69%	-6.41%	7	10.33%	10.81%	-0.48%	4
Alexander Forbes Investments Real Return Focus Portfolio	3.29%	9.21%	-5.92%	4	10.05%	8.62%	1.43%	5	5.16%	10.61%	-5.45%	5	8.06%	9.69%	-1.63%	5	10.01%	10.81%	-0.80%	5
Alexander Forbes Investments Stable Focus	4.07%	8.21%	-4.14%	2	9.19%	7.62%	1.57%	4	6.38%	9.61%	-3.23%	4	4.53%	8.69%	-4.16%	6	8.98%	9.81%	-0.83%	6
Momentum Investments Absolute Strategies	0.47%	5.18%	-4.71%	3	9.84%	4.62%	5.22%	1	7.56%	6.61%	0.95%	1	4.91%	4.77%	0.14%	3	8.41%	5.80%	2.60%	2
Momentum Investments Real Return	6.37%	5.18%	1.19%	1	9.25%	4.62%	4.63%	2	6.97%	6.61%	0.36%	2	5.34%	4.77%	0.57%	2	8.51%	5.80%	2.71%	1
Old Mutual Multi Managers Absolute Balanced Fund	-3.61%	11.46%	-15.08%	9	11.16%	10.34%	0.82%	6	4.37%	12.43%	-8.06%	8	11.62%	11.91%	-0.29%	4	9.03%	11.63%	-2.60%	7
Old Mutual Multi Managers Absolute Defensive Fund	0.27%	9.37%	-9.10%	7	9.25%	8.42%	-0.17%	8	3.96%	10.49%	-6.53%	7	12.15%	8.93%	3.22%	1	10.14%	9.82%	0.32%	3
SMM Moderate Absolute Fund	3.94%	10.79%	-6.85%	5	7.89%	10.98%	-2.59%	9	2.15%	11.57%	-9.41%	9	*	*	*	*	*	*	*	*
STANLIB Multi-Manager Real Return Fund	1.04%	10.18%	-9.14%	8	10.35%	9.61%	0.75%	7	3.18%	9.40%	-6.22%	6	*	*	*	*	*	*	*	*
<b>MEDICAL AID MANDATES</b>																				
Alexander Forbes Investments Medical Schemes Real Return Focus	2.42%	8.21%	-5.79%		9.26%	7.62%	1.64%		7.73%	9.61%	-1.88%		4.12%	8.69%	-4.57%		9.26%	9.81%	-0.54%	
<b>MARKET DATA</b>																				
FTSE / JSE All Share Index (Free Float)	-8.53%				20.95%				2.63%				5.13%				10.88%			
FTSE / JSE SWIX All Share Index	-11.67%				21.21%				4.13%				3.62%				15.42%			
All Bond	7.69%				10.22%				15.45%				-3.93%				10.15%			
Short Term Fixed Interest Rate Index	7.25%				7.54%				7.39%				6.47%				5.91%			
Combination of old CPIX and new CPI*	5.18%				4.62%				6.61%				4.77%				5.80%			
Consumer Price Inflation (Old/New combined CPI)*	5.18%				4.62%				6.61%				4.77%				5.80%			
Consumer Price Inflation (Headline CPI) [I-Net code: AECPI]	5.18%				4.62%				6.61%				4.77%				5.80%			

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# MULTI-MANAGER WATCH™ INVESTMENT PERFORMANCE (BALANCED)

## Objectives

Fixed Asset Allocation: Managers included in the above survey typically make use of fixed asset allocations, which mean that they balance the asset allocation back to the strategic long-term asset allocation target (from time to time, according to predefined strategies) with no intention to enhance returns from an asset allocation point of view. However, while some of these managers adhere rigidly to these fixed asset allocations others may allow these allocations to drift slightly within certain margins.

Strategic Asset Allocation: Although managers included in the above survey may have long term strategic asset allocation targets, they actively manage the asset allocation in an attempt to enhance returns. The different categories above (Low Volatility, Best Investment View and Dynamic) represent the different risk profiles of the funds. The Low Volatility category represents the manager's most conservatively managed portfolio while the Dynamic category represents the managers most aggressively managed portfolio, according to the manager's discretion.

INVESTMENT DATA TO THE END OF FEBRUARY 2019									
RISK VS RETURN (Calculated on 3 year performance returns)									
	3 Year Return (p.a.)	Rank	Risk (Volatility)	Rank	Active Return	Rank	Tracking Error	Information Ratio	Rank
<b>FIXED ASSET ALLOCATION</b>									
Equity Band: 15% - 24% (Local & International Equity)									
Alexander Forbes Investments Low Equity	6.69%	1	3.19%	1	0.90%	1	0.84%	1.08	1
Momentum Investments Enhanced Factor 3	5.62%	2	3.91%	2	-0.56%	2	1.73%	-0.33	2
Equity Band: 35% - 44% (Local & International Equity)									
27four CPI+3% Fund	5.90%	5	4.76%	3	-0.47%	4	1.83%	-0.26	4
Alexander Forbes Investments 37.5% Equity	6.08%	4	4.37%	2	0.47%	2	0.96%	0.49	2
Momentum Investments Enhanced Factor 4	6.17%	3	4.99%	4	-0.29%	3	1.66%	-0.17	3
Old Mutual Multi-Managers Inflation Plus 1-3%	7.65%	1	3.52%	1	2.09%	1	3.78%	0.54	1
Sygnia Signature 40 Fund	7.04%	2	5.26%	5	-0.70%	5	2.04%	-0.34	5
Equity Band: 45% - 54% (Local & International Equity)									
27four CPI+5% Fund	5.25%	6	5.97%	3	-0.82%	5	1.89%	-0.43	6
Alexander Forbes Investments Medium Equity	5.61%	5	5.74%	1	0.21%	3	1.24%	0.17	3
Momentum Investments Enhanced Factor 5	6.19%	4	6.74%	6	-0.11%	4	1.68%	-0.06	4
Old Mutual Multi-Managers Inflation Plus 3-5%	7.01%	2	6.55%	5	2.03%	1	6.42%	0.32	1
SMM 50	7.05%	1	5.87%	2	0.35%	2	1.59%	0.22	2
Sygnia Signature 50 Fund	6.61%	3	6.52%	4	-0.84%	6	2.15%	-0.39	5
Equity Band: 55% - 69% (Local & International Equity)									
27Four CPI +7% Fund	4.79%	7	7.17%	3	-1.12%	7	2.05%	-0.54	7
Alexander Forbes Investments 62.5% Equity	5.16%	6	7.15%	2	-0.07%	4	1.35%	-0.05	4
Momentum Investments Classic Factor 6	6.63%	2	8.12%	6	0.38%	2	1.39%	0.28	1
Momentum Investments Enhanced Factor 6	6.37%	4	8.30%	7	0.12%	3	1.69%	0.07	3
Old Mutual Multi-Managers Inflation Plus 5-7%	6.45%	3	8.03%	5	1.47%	1	7.84%	0.19	2
SMM 60	6.82%	1	6.76%	1	-0.13%	5	1.69%	-0.07	5
Sygnia Signature 60 Fund	6.26%	5	7.39%	4	-0.88%	6	1.75%	-0.50	6
Equity Band: 70% - 75% (Local & International Equity)									
Alexander Forbes Investments High Equity	5.24%	6	8.08%	2	-0.17%	4	1.50%	-0.12	4
Momentum Investments Classic Factor 7	6.73%	1	8.89%	5	0.67%	1	1.54%	0.44	1
Momentum Investments Enhanced Factor 7	6.34%	4	9.11%	6	0.29%	3	1.83%	0.16	3
Momentum Investments Target Factor 7	6.35%	3	8.74%	4	0.30%	2	1.15%	0.26	2
SMM 70	6.61%	2	7.76%	1	-0.22%	5	1.65%	-0.13	5
Sygnia Signature 70 Fund	5.78%	5	8.32%	3	-1.07%	6	1.77%	-0.60	6
<b>STRATEGIC ASSET ALLOCATION</b>									
Low Volatility									
Alexander Forbes Investments (Conservar)	7.48%	2	4.36%	2	1.00%	1	1.29%	0.77	1
Nedgroup Investments XS Guarded Fund of Funds	7.58%	1	4.53%	3	-0.55%	2	4.35%	-0.13	2
STANLIB Multi-Manager Defensive Balanced Fund	6.09%	3	4.31%	1	-2.18%	3	4.38%	-0.50	3
Best Investment View									
Alexander Forbes Investments (Performer)	7.18%	1	7.94%	5	0.90%	1	1.28%	0.70	1
Alexander Forbes Investments (Spectrum)	6.30%	5	7.19%	2	0.21%	3	0.38%	0.56	2
Momentum Investments Flexible Factor 6	5.64%	7	7.86%	3	-0.60%	6	2.26%	-0.27	6
Momentum Investments Flexible Factor 7	5.81%	6	8.31%	7	-0.24%	5	3.00%	-0.08	5
Nedgroup Investments XS Diversified Fund of Funds	6.32%	4	7.17%	1	-3.90%	7	6.91%	-0.56	7
Old Mutual Multi Managers Managed	6.59%	2	8.20%	6	0.29%	2	1.26%	0.23	3
STANLIB Multi Manager Balanced Fund	6.43%	3	7.91%	4	-0.05%	4	1.19%	-0.04	4

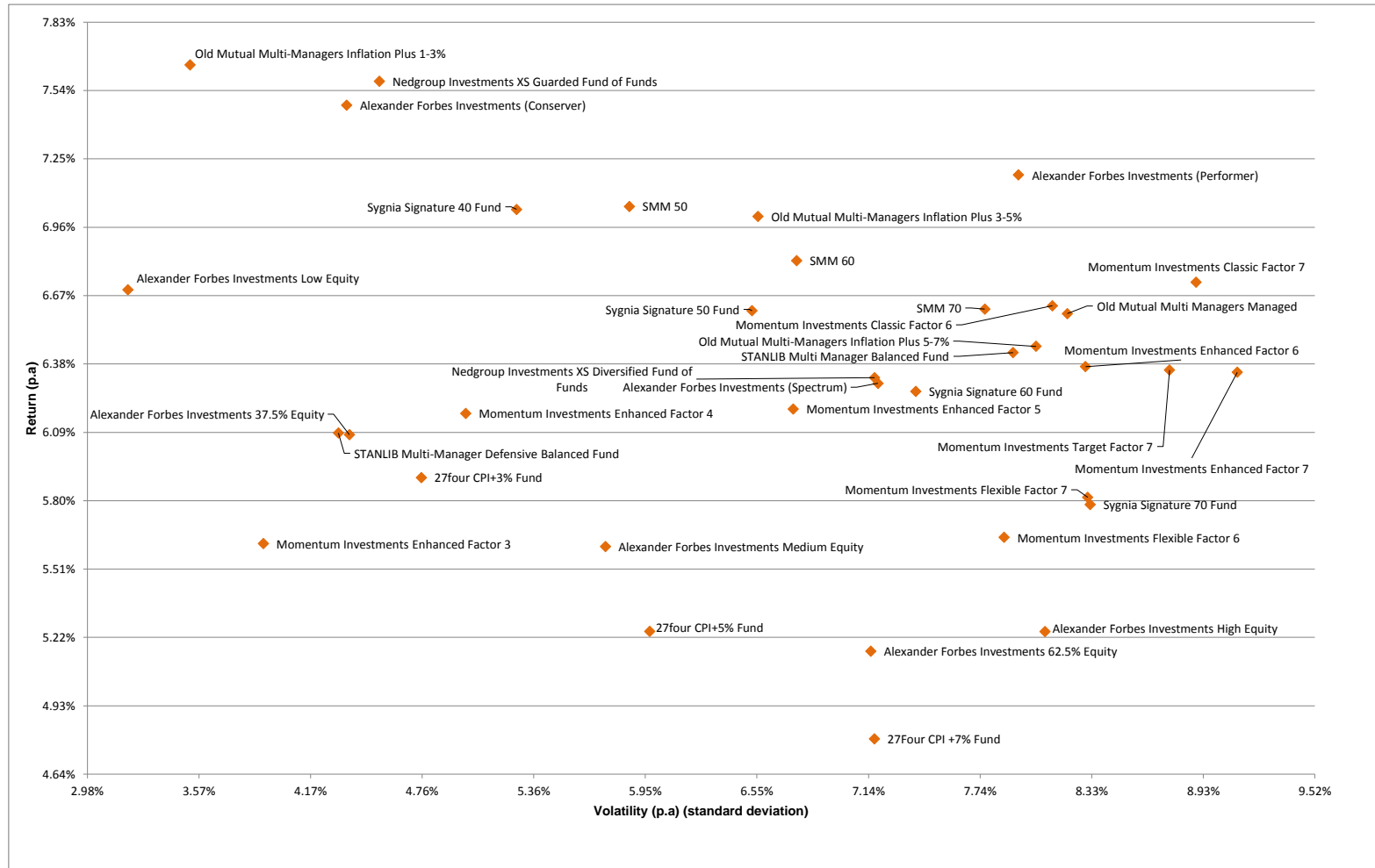
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# MULTI-MANAGER WATCH™ INVESTMENT PERFORMANCE

## (BALANCED MANDATES)

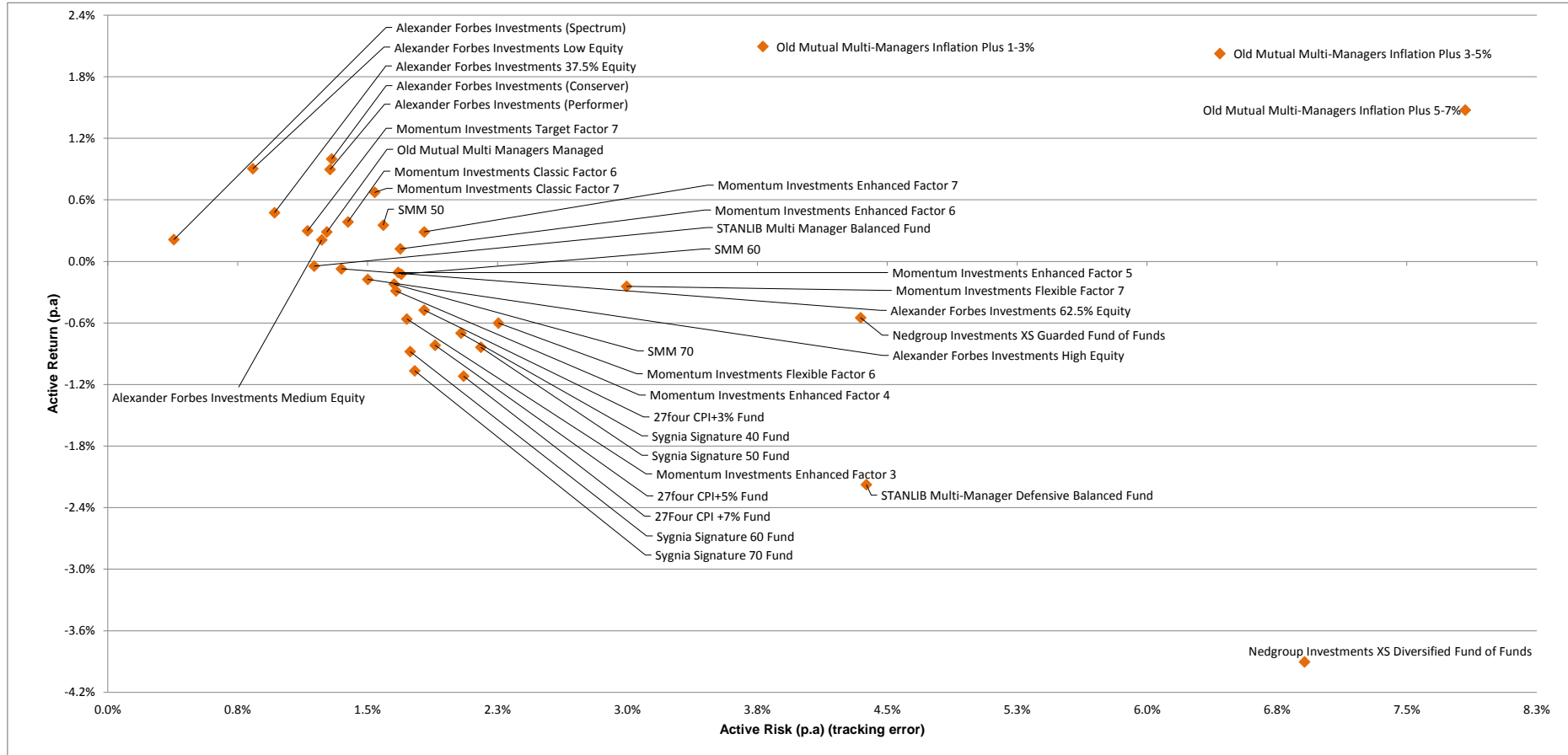
Volatility vs Return Scatterplot - Multi Managers  
Fixed & Strategic Asset Allocation 3 Years ended 28 February 2019



# MULTI-MANAGER WATCH™ INVESTMENT PERFORMANCE

## (BALANCED MANDATES)

Excess Return vs Tracking Error Scatterplot - Multi Managers  
Fixed & Strategic Asset Allocation 3 Years ended 28 February 2019



# MULTI-MANAGER WATCH™ INVESTMENT PERFORMANCE (SPECIALIST MANDATES)

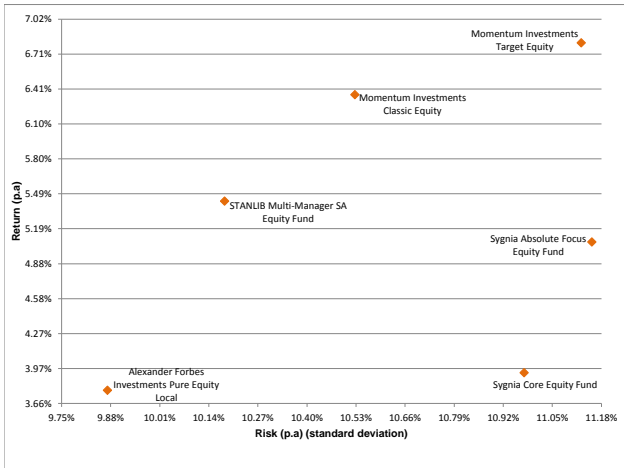
INVESTMENT DATA TO THE END OF FEBRUARY 2019									
RISK VS RETURN (Calculated on 3 year performance returns)									
	3 Year Return (p.a.)	Rank	Risk (Volatility)	Rank	Active Return	Rank	Tracking Error	Information Ratio	Rank
<b>EQUITY MANDATES</b>									
Benchmark Cognisant									
Alexander Forbes Investments Pure Equity Local	3.78%	5	9.87%	1	-1.31%	4	1.97%	-0.67	4
Momentum Investments Classic Equity	6.36%	2	10.53%	3	-0.19%	3	2.20%	-0.08	3
Momentum Investments Target Equity	6.81%	1	11.13%	5	0.25%	1	1.87%	0.14	1
STANLIB Multi-Manager SA Equity Fund	5.43%	3	10.18%	2	0.00%	2	3.02%	0.00	2
Sygnia Core Equity Fund	3.93%	4	10.98%	4	-2.17%	5	1.16%	-1.86	5
Non Benchmark Cognisant									
Sygnia Absolute Focus Equity Fund	5.07%		11.15%		-1.03%		3.35%	-0.31	
<b>BOND MANDATES</b>									
Alexander Forbes Investments Pure Fixed Interest Local	11.72%	2	6.27%	1	1.14%	2	0.80%	1.43	2
Momentum Investments Moderate Bond FOF	11.05%	3	6.80%	3	0.47%	3	0.56%	0.84	3
STANLIB Multi-Manager Bond	11.82%	1	6.56%	2	1.24%	1	0.85%	1.45	1
<b>MONEY MARKET MANDATES</b>									
Alexander Forbes Investments Banker	8.92%	3	0.19%	3	2.13%	2	0.13%	16.43	1
Momentum Investments Diversified Money Market	9.07%	2	0.19%	4	1.66%	3	0.17%	9.86	3
Old Mutual Multi-Managers Money Market	8.11%	5	0.14%	1	1.02%	5	0.11%	9.45	4
STANLIB MM Enhanced Yield	9.08%	1	0.22%	5	2.94%	1	1.98%	1.48	5
Sygnia Money Market Fund	8.64%	4	0.15%	2	1.23%	4	0.12%	10.52	2
<b>ABSOLUTE RETURN MANDATES</b>									
Alexander Forbes Investments Real Return Focus Local	7.96%	2	3.73%	3	-1.03%	4	3.77%	-0.27	3
Alexander Forbes Investments Real Return Focus Portfolio	7.12%	4	4.23%	5	-1.86%	5	4.07%	-0.46	6
Alexander Forbes Investments Stable Focus	7.19%	3	2.39%	1	-0.80%	3	2.58%	-0.31	4
Momentum Investments Absolute Strategies	6.81%	5	4.20%	4	1.83%	2	4.32%	0.42	2
Momentum Investments Real Return	8.11%	1	2.40%	2	3.13%	1	2.69%	1.17	1
Old Mutual Multi Managers Absolute Balanced Fund	5.60%	8	6.87%	9	-4.93%	9	6.74%	-0.72	8
Old Mutual Multi Managers Absolute Defensive Fund	5.51%	9	5.74%	7	-3.17%	7	5.69%	-0.56	7
SMM Moderate Absolute Fund	6.74%	6	5.16%	6	-4.08%	8	5.40%	-0.76	9
STANLIB Multi-Manager Real Return Fund	6.66%	7	6.59%	8	-2.85%	6	6.50%	-0.44	5
<b>MEDICAL AID MANDATES</b>									
Alexander Forbes Investments Medical Schemes Real Return Focus	7.31%		2.89%		-0.67%		3.03%	-0.22	
<b>MARKET DATA</b>									
FTSE / JSE All Share Index (Free Float)	7.35%		11.49%						
FTSE / JSE SWIX All Share Index	6.10%		11.52%						
All Bond	10.58%		6.93%						
Short Term Fixed Interest Rate Index	7.42%		0.08%						
Consumer Price Inflation (Ex. Mortgage Interest)	4.98%		1.20%						
Consumer Price Inflation (Headline)	4.98%		1.20%						

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

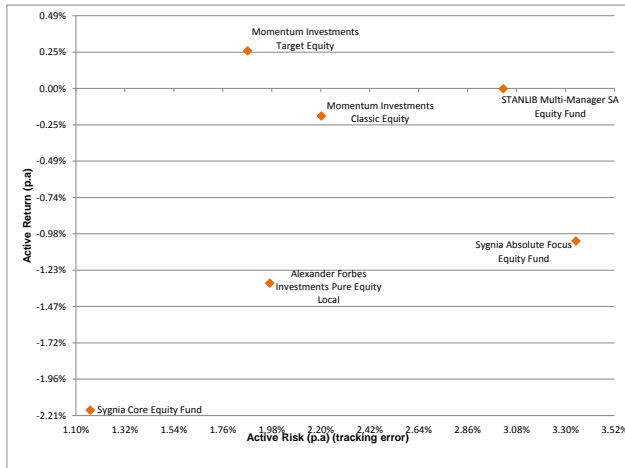
# MULTI-MANAGER WATCH™ INVESTMENT PERFORMANCE

(Specialist Mandates)

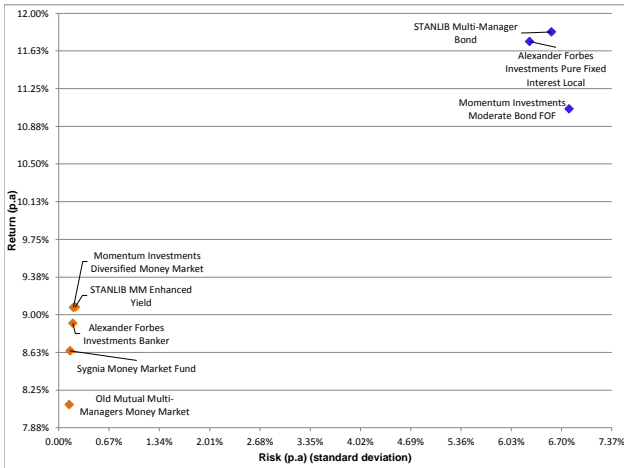
Volatility vs Return Scatterplot - Multi Managers Equity  
3 Years ended 28 February 2019



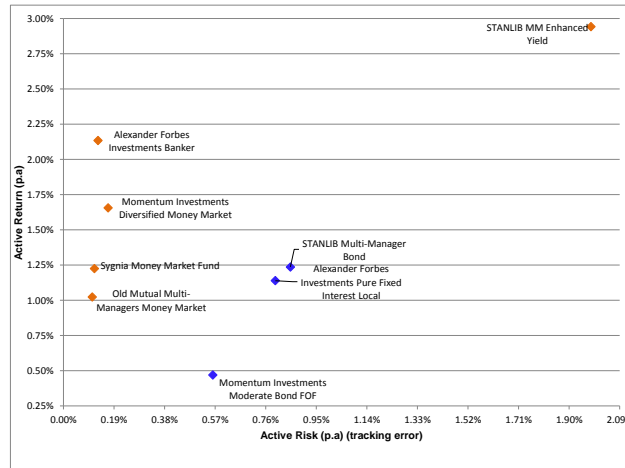
Excess Return vs Tracking Error Scatterplot - Multi Managers  
Equity 3 Years ended 28 February 2019



Volatility vs Return Scatterplot - Multi Managers Bonds and Money Market -  
3 Years ended 28 February 2019



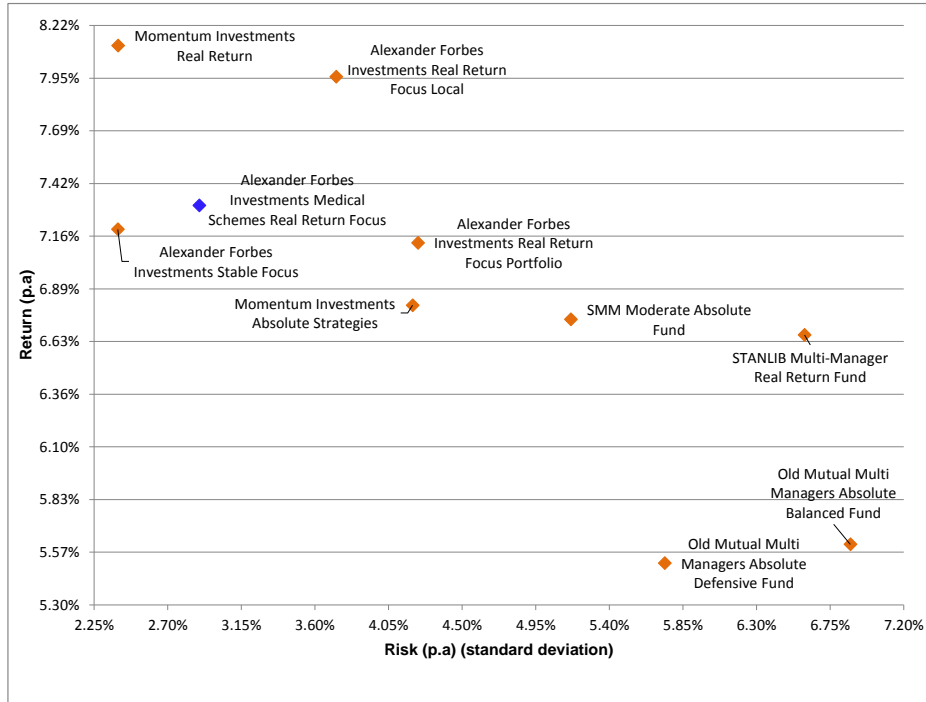
Volatility vs Return Scatterplot - Multi Managers Bonds and Money Market -  
3 Years ended 28 February 2019



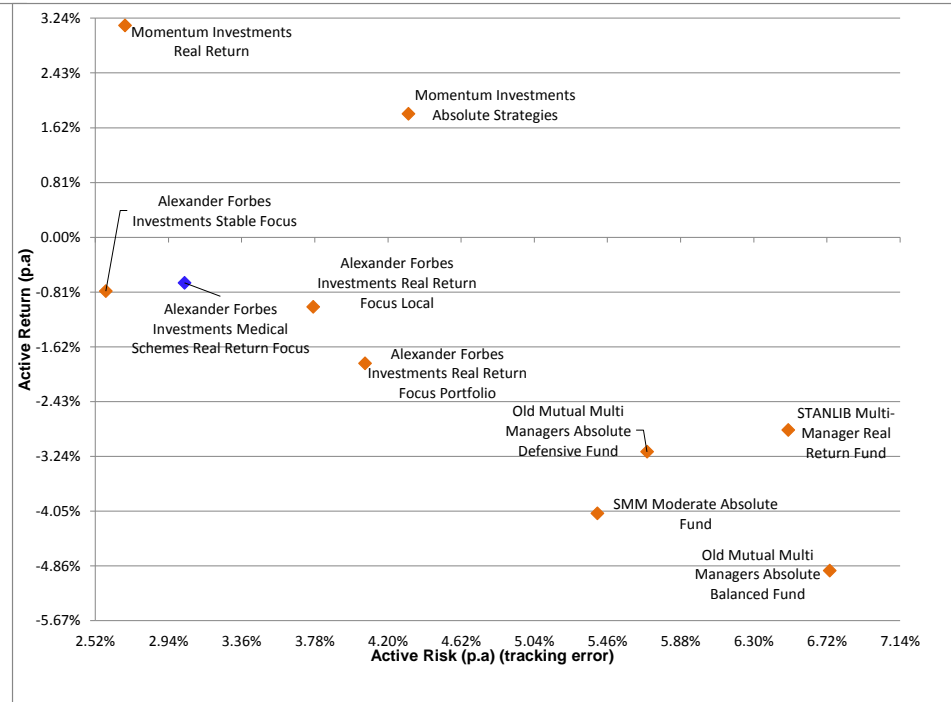
# MULTI-MANAGER WATCH™ INVESTMENT PERFORMANCE

(Specialist Mandates)

**Volatility vs Return Scatterplot - Multi Managers Absolute Return and Medical Aid funds  
3 Years ended 28 February 2019**



**Excess Return vs Tracking Error Scatterplot - Multi Managers  
Absolute Return and Medical Aid funds 3 Years ended 28 February 2019**



# MARKET DATA

MARKET DATA TO THE END OF FEBRUARY 2019								
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)	3.41%	10.83%	6.31%	-0.90%	7.35%	6.56%	10.51%	15.00%
FTSE / JSE Capped All Share Index	3.38%	10.50%	6.05%	-0.65%	7.05%	6.52%	10.49%	15.11%
FTSE / JSE SWIX All Share Index	1.57%	7.74%	4.70%	-5.77%	6.10%	6.60%	10.60%	15.23%
All Bond	-0.44%	3.10%	2.45%	4.21%	10.58%	8.43%	7.84%	8.52%
Alexander Forbes Money Market	0.60%	1.79%	1.20%	7.27%	7.43%	6.99%	6.53%	6.63%
Short Term Fixed Interest Rate Index	0.55%	1.76%	1.16%	7.26%	7.42%	6.97%	6.50%	6.63%
Combination of old CPIX and new CPI	-0.18%	-0.18%	-0.36%	4.00%	4.98%	5.12%	5.25%	5.28%
Consumer Price Inflation (Old/New combined CPI)	-0.18%	-0.18%	-0.36%	4.00%	4.98%	5.12%	5.25%	5.28%
Consumer Price Inflation (Headline CPI) [I-Net code: AECPI]	-0.18%	-0.18%	-0.36%	4.00%	4.98%	5.12%	5.25%	5.28%
JP Morgan Global Bond Index	5.02%	4.35%	-1.84%	18.10%	-2.62%	6.18%	9.88%	6.03%
MSCI World Index (Rands)	9.19%	4.14%	8.60%	20.31%	8.99%	13.05%	20.21%	17.58%
Citi WGBI ( was Salomon Brothers Bond Index) (Rands)	4.98%	4.31%	-1.80%	17.56%	-2.42%	5.87%	9.71%	5.83%

QUANTITATIVE ANALYSIS (Calculated on rolling 3 year performance returns)	
Volatility	
FTSE / JSE All Share Index (Free Float)	11.49%
FTSE / JSE Capped All Share Index	10.87%
FTSE / JSE SWIX All Share Index	11.52%
All Bond	6.93%
Alexander Forbes Money Market	0.05%
Short Term Fixed Interest Rate Index	0.08%
JP Morgan Global Bond Index	16.73%
MSCI World Index (Rands)	17.99%
Citi WGBI ( was Salomon Brothers Bond Index) (Rands)	16.47%

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

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

# MULTI-MANAGER WATCH™ SURVEY

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## EXPLANATORY NOTES

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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.

"Information Ratio" is the "Active Return" divided by the "Tracking Error".  
"Information Ratio" is a measure of the value added per unit of risk taken relative to the benchmark.

### GIPS - Global Investment Performance Standards

Ethical principles to achieve full disclosure and fair presentation of investment performance.