North Carolina Supplemental Retirement Plans

Performance Evaluation Report

First Quarter 2018



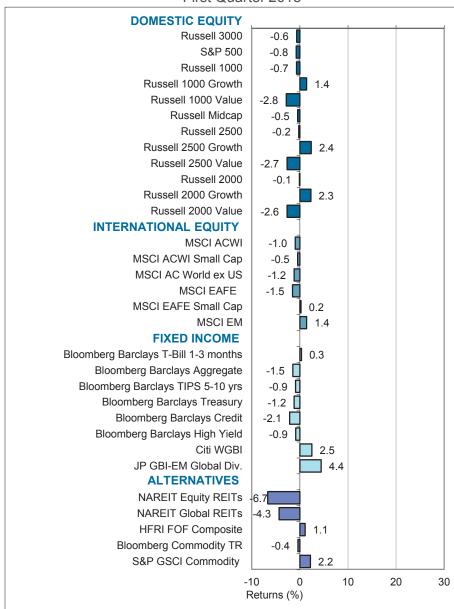


Performance Summary

Quarter in Review

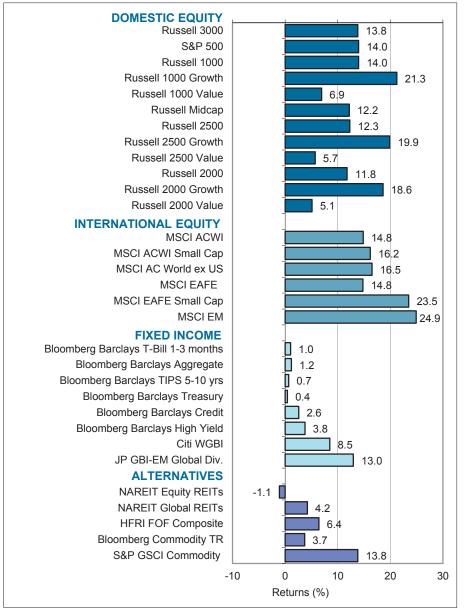
Market Performance

First Quarter 2018



Market Performance

1 Year



NC CURRENT INVESTMENT STRUCTURE

Tier I Target Date Funds	Tier II - A Passive Core Options	Tier II - B Active Core Options	Tier III Specialty Options
		Stable Value Fund Galliard Stable Value	
	Fixed Income BlackRock Debt Index	Fixed Income Fund TCW Core Plus Prudential Core Plus	
		Inflation Responsive Fund PIMCO IRMAF	
	Large Cap Equity BlackRock Equity Index	Large Cap Core Fund Hotchkis & Wiley Large Cap Value Macquarie Large Cap Value Sands Capital Large Cap Growth Loomis Large Cap Growth	
Goal Maker	Small/Mid Cap Equity BlackRock Russell 2500 Index	Small/Mid Cap Core Fund Hotchkis & Wiley SMID Value Earnest Partners SMID Cap Value Wedge SMID Cap Value TimesSquare SMID Growth Brown Advisory SMID Growth	
		Global Equity Fund Wellington Global Opportunities Arrowstreet Global Equity ACWI	
	International Equity BlackRock ACWI ex US Index	International Equity Fund Baillie Gifford ACWI ex US Growth Mondrian ACWI ex US Value	

Fee Review

A	В	C D		E	F	G	Н	I
					C+D+E	B*F		F-H
Funds and Sub-Advisors	Assets	Inv. Mgmt. Fee	Custodial Expenses ¹	NC Budget ²	Total Estimated Expense (%)	Total Estimated Expense (\$) ³	Mercer Median Expense ⁴	Difference
North Carolina Stable Value Fund ⁵ Galliard	\$2,548,303,500 \$2,548,303,500	0.327% 0.327%	0.002% 0.000%	0.025%	0.354%	\$9,010,801 \$8,332,952	0.42% 0.42%	-0.06% -0.09%
North Carolina Fixed Income Passive Fund BlackRock	\$531,339,169 \$531,339,169	0.020% 0.020%	0.014% 0.000%	0.025%	0.059%	\$311,365 \$106,268	0.20% 0.02%	-0.14% 0.00%
North Carolina Fixed Income Fund 50% TCW 50% Prudential	\$748,638,705 \$374,194,068 \$374,444,637	0.170% 0.220% 0.120%	0.018% 0.000% 0.000%	0.025%	0.213%	\$1,593,264 \$823,388 \$449,334	0.46% 0.25% 0.25%	-0.25% -0.03% -0.13%
North Carolina Inflation Sensitive Fund PIMCO	\$505,354,020 \$505,354,020	0.690% 0.690%	0.144% 0.000%	0.025%	0.859%	\$4,339,475 \$3,486,943	0.82% 0.82%	0.04% -0.13%
North Carolina Large Cap Passive Fund BlackRock	\$1,613,475,050 \$1,613,475,050	0.005% 0.005%	0.012% 0.000%	0.025%	0.042%	\$671,206 \$80,674	0.20% 0.01%	-0.16% -0.01%
North Carolina Large Cap Core Fund 25.00% BlackRock Russell 1000 Index 18.75% Hotchkis & Wiley 18.75% Macquarie 18.75% Sands Capital Management 18.75% Loomis Sayles	\$2,135,636,717 \$528,900,789 \$404,560,402 \$410,047,725 \$394,051,717 \$398,076,084	0.281% 0.005% 0.400% 0.267% 0.450% 0.373%	0.004% 0.000% 0.000% 0.000% 0.000% 0.000%	0.025%	0.319%	\$6,821,420 \$26,445 \$1,618,242 \$1,095,095 \$1,773,233 \$1,484,228	0.65% 0.01% 0.42% 0.42% 0.45% 0.45%	-0.33% -0.01% -0.02% -0.15% 0.00% -0.07%
North Carolina SMID Cap Passive Fund BlackRock	\$290,211,500 \$290,211,500	0.005% 0.005%	0.016% 0.000%	0.025%	0.046%	\$132,627 \$14,511	0.27% 0.02%	-0.22% -0.02%
North Carolina SMID Core Fund 5.00% BlackRock Russell 2500 Index 15.83% Hotchkis & Wiley 15.83% EARNEST Partners 15.83% WEDGE Capital Management 23.75% TimesSquare Capital Management 23.75% Brown Advisory	\$1,024,140,621 \$50,795,276 \$162,578,965 \$161,141,800 \$162,815,502 \$244,572,429 \$242,236,649	0.523% 0.005% 0.500% 0.470% 0.584% 0.647% 0.519%	0.002% 0.000% 0.000% 0.000% 0.000% 0.000% 0.000%	0.025%	0.550%	\$5,636,734 \$2,540 \$812,895 \$757,366 \$951,262 \$1,582,478 \$1,257,857	0.94% 0.01% 0.60% 0.72% 0.72% 0.74% 0.77%	-0.39% -0.01% -0.10% -0.25% -0.13% -0.09% -0.25%
North Carolina International Passive Fund BlackRock	\$76,557,394 \$76,557,394	0.025% 0.025%	0.039% 0.000%	0.025%	0.089%	\$67,753 \$18,757	0.35% 0.06%	-0.26% -0.04%
North Carolina International Equity Fund 50% Baillie Gifford 50% Mondrian Investment Partners	\$729,417,210 \$363,239,272 \$366,177,938	0.335% 0.280% 0.389%	0.026% 0.000% 0.000%	0.025%	0.385%	\$2,808,686 \$1,017,746 \$1,424,181	0.90% 0.56% 0.56%	-0.51% -0.27% -0.17%
North Carolina Global Equity Fund 50% Wellington Management Company 50% Arrowstreet	\$1,050,100,693 \$522,119,951 \$527,980,742	0.542% 0.500% 0.583%	0.026% 0.000% 0.000%	0.025%	0.593%	\$6,226,809 \$2,610,600 \$3,078,894	0.90% 0.54% 0.54%	-0.31% -0.04% 0.05%
Total	\$11,253,174,579	0.291%	0.016%	0.025%	0.334%	\$37,620,139	0.560%	

¹Based on annualized monthly fee accruals

²The cost of the budget associated with the management of the Supplemental Retirement Plans, borne by each investment option in proportion to the pro-rate share of the applicable assets in that fund.

³Manager fee estimates reflect investment management fee only, does not include \$31 per participant record-keeping fee.

⁴Total Fund median expenses are compared against their respective Mercer Mutual Fund Institutional Universe, while the individual managers are compared to peers with the same vehicle and strategy assets.

⁵Mercer Stable Value Median for Funds with over \$500M in assets

Performance Scorecard

			Risk ¹							
	Mercer Rating	Mercer Rating 3 Yea 03/31/		3 Years to 12/31/2017		3 Years to 09/30/2017		3 Years to 06/30/2017		5 Years to 03/31/2018
		ı	U	ı	U	I	U	ı	U	ı
Large Cap Passive Fund (tracked within 20bps)		✓	NA	✓	NA	✓	NA	✓	NA	NA
BlackRock Equity Index Fund	А	✓	NA	✓	NA	✓	NA	✓	NA	NA
Large Cap Core Fund ²		✓	✓	✓	✓	✓	✓	✓	✓	NA
Hotchkis & Wiley Large Cap Value	A (T)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Macquarie Large Cap Value ³	А	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sands Capital Large Cap Growth	A (T)	×	✓	×	×	×	×	×	×	✓
Loomis Large Cap Growth	B+ (T)	✓	✓	✓	✓	✓	✓	✓	✓	✓

¹ A check mark is given if the fund's/manager's standard deviation is within 150% of the benchmark's. For the International Equity Fund, the stated threshold is within 125%.

² Represents the Large Cap Core Composite.

³ Represents the Macquarie Large Cap Value Composite.

^{*} A Mercer rating signifies our opinion of a strategy's prospects for outperforming a suitable benchmark over a timeframe appropriate for that particular strategy. Strategies rated A are those assessed as having "above average" prospects of outperformance. Those rated B+ are those assessed as having "above average" prospects of outperformance, but which are qualified by at least one of the following: (1) There are other strategies that Mercer believes are more likely to achieve outperformance; (2) Mercer requires more evidence to support its assessment. Strategies rated B are those assessed as having "average" prospects of outperformance. Those rated C are those assessed as having "below average" prospects of outperformance. The R rating is applied in three situations: (1) Where Mercer has carried out some research, but has not completed its full investment strategy research process; (2) In product categories where Mercer does not maintain formal ratings, but where there are other strategies in which we have a higher degree of confidence; (3) Mercer has in the past carried out its full investment strategy research process, but we are no longer maintaining full research coverage on the strategy. If the rating shown is N, or if no rating is shown at all, this signifies that the strategy is not currently rated by Mercer. Some strategy ratings may carry a supplemental indicator, such as P (Provisional), Watch (W), or High Tracking Error (T). A Preferred Provider status is assigned to high-conviction strategies within product categories for which the primary goal is not outperformance of a benchmark (for example, passive strategies).

			Risk ¹							
	Mercer Rating	3 Years to 03/31/2018		3 Years to 12/31/2017		3 Years to 09/30/2017		3 Years to 06/30/2017		5 Years to 03/31/2018
		ı	U	ı	U	ı	U	ı	U	ı
Mid/Small Cap Passive Fund (tracked within 30 bps)		✓	NA	✓	NA	✓	NA	✓	NA	NA
BlackRock Russell 2500 Index Fund	А	✓	NA	✓	NA	✓	NA	✓	NA	NA
Mid/Small Cap Core Fund ²		✓	✓	✓	✓	✓	✓	✓	✓	NA
Hotchkis & Wiley SMID Cap Value	B+ (T)	×	×	×	x	×	×	×	×	✓
EARNEST Partners SMID Cap Value	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓
WEDGE SMID Cap Value	B+	×	×	✓	✓	✓	✓	✓	√	✓
TimesSquare SMID Cap Growth	А	×	×	×	×	×	×	×	×	✓
Brown Advisory	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓

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² Represents the gross of fee Mid/Small Cap Core Composite.

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Performance Scorecard

			Risk ¹							
	Mercer Rating	3 Years to 03/31/2018		3 Years to 12/31/2017		3 Years to 09/30/2017		3 Years to 06/30/2017		5 Years to 03/31/2018
		ı	U	I	U	ı	U	I	U	ı
International Passive Fund (tracked within 60 bps)		✓	NA	✓	NA	✓	NA	✓	NA	NA
BlackRock ACWI ex US Fund	А	✓	NA	✓	NA	✓	NA	✓	NA	NA
International Equity Fund		✓	✓	✓	✓	✓	✓	✓	✓	NA
Baillie Gifford ACWI ex US Growth	А	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mondrian ACWI ex US Value	B+	×	×	×	×	×	×	×	×	✓
Global Equity Fund		✓	✓	✓	✓	✓	✓	✓	✓	NA
Wellington Global Opportunities	B+	✓	✓	✓	✓	✓	✓	✓	✓	✓
Arrowstreet Global Equity ACWI	А	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Performance Scorecard

				Risk ¹						
	Mercer Rating		ars to //2018	3 Years to 12/31/2017		3 Years to 09/30/2017		3 Years to 06/30/2017		5 Years to 03/31/2018
		I	U	ı	U	I	U	I	U	ı
Inflation Responsive Fund		✓	✓	✓	✓	✓	✓	✓	✓	NA
PIMCO Inflation Response-Multi Asset	B+	✓	✓	✓	✓	✓	✓	✓	✓	NA
Fixed Income Passive Fund (tracked within 25 bps)		✓	NA	✓	NA	✓	NA	✓	NA	NA
BlackRock Debt Index Fund	А	✓	NA	✓	NA	✓	NA	✓	NA	NA
Fixed Income Fund		✓	✓	✓	✓	✓	✓	✓	✓	NA
TCW Core Plus ²	А	✓	×	✓	×	✓	×	✓	×	✓
Prudential Core Plus	А	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stable Value Fund	А	✓	✓	✓	✓	✓	✓	✓	✓	NA

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² Represents the TCW Core Plus Composite.

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Watch List Criteria

- 1) **Performance**: The underlying manager strategy has trailed the benchmark and peer group universe over four consecutive 3 year periods, as highlighted on the Performance Scorecard. A candidate can also be added to the watch list if performance is not explained by the managers style or investment philosophy
- 2) **Philosophy Change**: Underlying manager strategy has had a material change to the investment process or philosophy, from what was originally established
- 3) **Organizational Instability**: Organizational or team turnover that could materially affect the investment process

Manager	Date Placed on Watch	Mercer Rating*	Recommendation	Comments
Mondrian International Equity Manager	1Q18	B+	Add to Watch List for Performance Reasons	Mondrian is a long-term, value oriented manager that utilizes a dividend discount model to generate a real return forecast for each stock that meets its investment criteria based on a screen for value factors. They construct a concentrated, low turnover portfolio that blends top down and bottom up security selection. The strategy typically displays tilts towards companies with higher dividend yields and lower debt on their balance sheets. This high quality approach has historically protected well on the downside but has lagged during strong growth markets like we have experienced in 2017. Mondrian believes that quantitative easing and low interest rates since the financial crisis have distorted discount rates and this has supported the extended period of outperformance of growth over value. Mondrian has been underweight the strong performing information technology sector and has struggled with security selection. Mondrian believes that the exuberance for information technology securities has become extremely narrow and they feel that this has created opportunities in tech names that could be negatively affected by disruption. Mondrian has also struggled with stock selection in the more growth oriented consumer discretionary sector this past year. Over the first quarter of 2018, Mondrian underperformed the MSCI AC World ex US benchmark by 40 basis points and ranked in the 72nd percentile of the peer group universe. We wouldn't expect Mondrian to outperform during a period where dividend paying value oriented equities were significantly out of favor. Mondrian typically does a good job protecting in down markets, generating excess returns in 15 of the last 20 down quarters. The first quarter was a bit unique, as the market sold off indiscriminately during February but was quickly followed by higher growth names surging back. We still have confidence in the team's ability and think that the strategy compliments Baillie Gifford in a multimanager white labeled structure.

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Manager	Date Placed on Watch	Mercer Rating*	Recommendation	Comments
TimesSquare SMID Growth	3Q16	A	Search for Replacement Options	TSCM's investment process utilizes a fundamental growth equity approach. They place particular emphasis on management quality and how the management teams are aligned with shareholders, along with a detailed understanding of what constitutes a superior business model. The strategy's investable universe spans from \$300M to \$7 Billion. TSCM seeks companies that have experienced, properly motivated management teams with distinct sustainable competitive advantages. The team will focus on securities that have the potential to appreciate 25%-50% over the next 18-month period. The team is constantly reviewing security valuations and will re-examine securities when they near the target price set at purchase. The strategy will have close to 100 names so position sizes are relatively smaller. Mercer believes the key strength of the strategy is the quality of research and experienced portfolio managers, Grant Babyak and Tony Rosenthal. The strategy has struggled more recently, as it underperformed over the last four calendar years. Historically, the higher quality fundamental approach has been beneficial during falling markets and that is where the strategy had added a significant portion of its alpha. TSCM outperformed the benchmark during the last 12 down markets, but struggled at certain points in extreme growth markets. Since 2013, there have only been three negative quarters by the Russell 2500 Growth Index, which has been a bit of a headwind for TSCM. Over 2017, TimesSquare trailed the index by 230 basis points and ranked in the bottom half of the peer group universe. TimeSquare continued to struggle with selection in the healthcare sector, as this was responsible for a majority of the strategy's underperformance. TimesSquare was hurt by its underweight to the more speculative biotechnology industry but the selection within health care services was the largest detractor. Security selection in the health care sector has detracted from performance each of the last four years and continues to be a headwind for the tea

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Manager	Date Placed on Watch	Mercer Rating*	Recommendation	Comments
Sands Large Cap Growth	4Q16	A (T)	Remove from Watch List	Sands constructs a concentrated, aggressive growth portfolio with low turnover and adheres to a strict buy and hold philosophy. Due to the funds loose constraints and concentrated nature, it can be common for the strategy to exhibit significant tracking error relative to the benchmark. The conviction-weighted, concentrated structure of this portfolio places a heavy emphasis on top holdings and these can have a significant impact on the strategy's performance, with the top five holdings representing around 30% of the portfolio. Sands indicated that Tom Trentman joined the Select Growth strategy team as Co-Portfolio Manager in the final quarter of 2017. Trentman, who has 12 years of experience at Sands, most recently served as Co-Portfolio Manager of the firm's Technology Innovators strategy and Co-Sector Head of the Global Technology team. He joins Frank Sands, Mike Sramek, and Wes Johnston as Co-Portfolio Managers of the Select Growth strategy. We view his addition to the team as beneficial. During 2017, Sands outperformed the benchmark by 580 basis points and ranked in the top decile of the peer group universe, as investor sentiment was strong within the more growth oriented information technology sector, which Sands was largely overweight. Over the first quarter of 2018, Sands outperformed the benchmark by 830 basis points and ranked in the first percentile of their peer group universe. Sands continued to benefit from their more aggressive positioning, as growth outperformed value by over 400 basis points during the quarter. Sands top contributor during the quarter was Netflix, which returned over 50% after better than expected earnings results. Sands has the strongest absolute and relative since inception performance results of any active manager within the North Carolina SRP, although there have been periods of extreme volatility. We uphold our conviction in the skilled and experienced research teams managing the strategy and believe the strategy should be removed from the watch list given the strong rebo

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Manager	Date Placed on Watch	Mercer Rating*	Recommendation	Comments
Hotchkis and Wiley Mid Cap	1Q17	B+ (T)	Maintain Watch Status	Hotchkis & Wiley utilizes a fundamental, bottom-up approach to value investing. The firm seeks to exploit mispriced securities by investing in undiscovered or out of favor companies where the intrinsic value of the companies future cash flows exceeds the market price. The team does not consider benchmark characteristics in portfolio construction, as they view permanent loss of capital the primary source of risk. Hotchkis believes that the low valuations and lower leverage provides them a margin of safety. Hotchkis was added to the Watch List in 2017, after a difficult period in 2016 when more defensive, higher dividend paying securities with higher valuations led the market. Hotchkis, like many other value managers, did not hold these names and this negatively impacted relative performance. During 2017, Hotchkis again trailed the benchmark by 140 basis points and ranked in the bottom quartile of the peer group universe. Growth continued to outperform value within mid cap equities during the fourth quarter and the spread was 12% year-to-date. Investors have preferred equities that have exhibited above average growth, mainly coming from the information technology and health care sectors. Hotchkis has remained largely overweight the energy sector (14.0% relative to the index) during this period, and this has been a significant headwind for the strategy. For the first quarter of 2018, Hotchkis outperformed their benchmark by 110 basis points and ranked above the median for their peer group universe. Hotchkis & Wiley benefited from their overweight and security selection in the strong performing information technology sector, particularly with holding Hwlett Packard. Additionally, two other energy related holdings performed extremely well during the quarter and were top overall contributors. We continue to have confidence in Hotchkis and Wiley's deeper value approach and expect them to outperform the benchmark over a full market cycle.

^{*} A Mercer rating signifies our opinion of a strategy's prospects for outperforming a suitable benchmark over a timeframe appropriate for that particular strategy. Strategies rated A are those assessed as having "above average" prospects of outperformance. Those rated B+ are those assessed as having "above average" prospects of outperformance, but which are qualified by at least one of the following: (1) There are other strategies that Mercer believes are more likely to achieve outperformance; (2) Mercer requires more evidence to support its assessment. Strategies rated B are those assessed as having "average" prospects of outperformance. Those rated C are those assessed as having "below average" prospects of outperformance. The R rating is applied in three situations: (1) Where Mercer has carried out some research, but has not completed its full investment strategy research process; (2) In product categories where Mercer does not maintain formal ratings, but where there are other strategies in which we have a higher degree of confidence; (3) Mercer has in the past carried out its full investment strategy research process, but we are no longer maintaining full research coverage on the strategy. If the rating shown is N, or if no rating is shown at all, this signifies that the strategy is not currently rated by Mercer. Some strategy ratings may carry a supplemental indicator, such as P (Provisional), Watch (W), or High Tracking Error (T). A Preferred Provider status is assigned to high-conviction strategies within product categories for which the primary goal is not outperformance of a benchmark (for example, passive strategies).



Total Fund

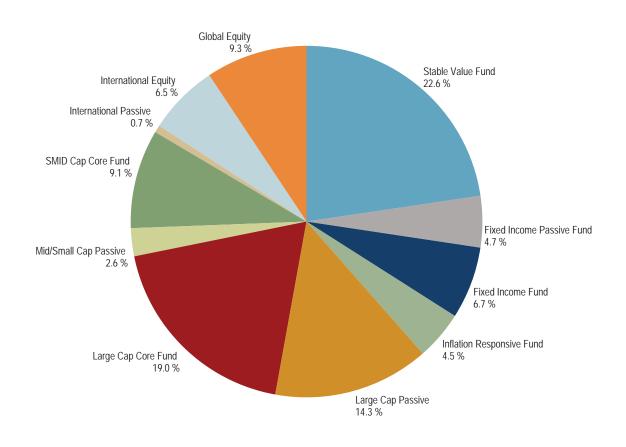


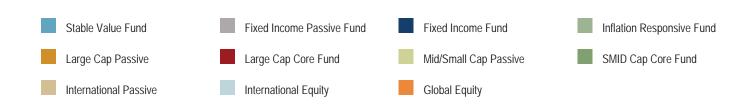




Asset Allocation

As of March 31, 2018







	Market Value	%			Ending Ma	rch 31, 2018		
	(\$)		Since Inception	5 Years	3 Years	1 Year	1 Quarter	Inception Date
Large Cap Passive S&P 500	1,613,475,050	9.9	16.5 (19) <i>16.7 (17)</i>	13.2 (20) 13.3 (15)	10.7 (17) 10.8 (16)	14.0 (41) 14.0 (41)	-0.8 (46) -0.8 (46)	Apr-09
Mercer Mutual Fund US Equity Large Cap Core Median NCSRP BlackRock Equity Index S&P 500 Mercer Instl US Equity Large Cap Index Median	1,613,475,050	9.9	15.3 16.7 (61) <i>16.7 (67)</i> 16.7	12.0 13.3 (40) 13.3 (38) 13.3	9.3 10.8 (34) <i>10.8 (42)</i> 10.8	13.3 14.0 (35) <i>14.0 (45)</i> 14.0	-0.9 -0.7 (41) -0.8 (60) -0.8	Apr-09
Large Cap Core Fund Russell 1000 Index Mercer Mutual Fund US Equity Large Cap Median	2,135,636,717	13.1	7.0 (37) 5.9 (50) 5.7	- <i>13.2 (36)</i> 12.3	- 10.4 (35) 9.5	- <i>14.0 (50)</i> 13.9	1.1 (30) -0.7 (51) -0.7	Oct-17
NCSRP Russell 1000 Index Russell 1000 Index Mercer Instl US Equity Large Cap Median	528,900,789	3.2	5.3 (64) 5.9 (55) 6.1	- <i>13.2 (50)</i> 13.2	- <i>10.4 (42)</i> 10.0	- <i>14.0 (53)</i> 14.4	-0.8 (53) - <i>0.7</i> (51) -0.7	Oct-17
NCSRP Macquarie Large Cap Value Macquarie Large Cap Value Strategy Russell 1000 Value Index Mercer Instl US Equity Large Cap Value Median	410,047,725	2.5	8.2 (58) 8.5 (49) 7.5 (69) 8.4	- 12.5 (33) 10.8 (72) 11.8	- 8.8 (50) 7.9 (70) 8.7	9.5 (67) 9.9 (61) 6.9 (89) 10.5	-0.9 (15) -0.8 (13) -2.8 (77) -2.1	Jun-15
NCSRP Hotchkis & Wiley Large Cap Value Russell 1000 Value Index Mercer InstI US Equity Large Cap Value Median	404,560,402	2.5	18.6 (2) 15.5 (63) 15.9	13.4 (16) 10.8 (72) 11.8	9.6 (28) 7.9 (70) 8.7	11.3 (38) 6.9 (89) 10.5	-3.0 (81) -2.8 (77) -2.1	Apr-09
NCSRP Loomis Large Cap Growth Loomis Large Cap Growth Strategy Russell 1000 Growth Index Mercer Instl US Equity Large Cap Growth Median	398,076,084	2.4	16.8 (5) 16.3 (8) 13.9 (30) 13.0	- 17.3 (11) 15.5 (40) 15.2	16.1 (3) 15.7 (4) 12.9 (28) 11.7	24.4 (25) 24.2 (27) 21.3 (50) 21.2	1.1 (75) 0.8 (79) 1.4 (69) 2.3	Aug-14



	Market Value	%			Ending Ma	rch 31, 2018		
	(\$)		Since Inception	5 Years	3 Years	1 Year	1 Quarter	Inception Date
NCSRP Sands Capital Large Cap Growth Russell 1000 Growth Index Mercer Instl US Equity Large Cap Growth Median	394,051,717	2.4	22.2 (1) <i>18.1 (31)</i> 17.3	16.0 (27) 15.5 (40) 15.2	12.7 (29) 12.9 (28) 11.7	30.8 (4) 21.3 (50) 21.2	9.7 (1) 1.4 (69) 2.3	Apr-09
Mid/Small Cap Passive Russell 2500 Index Mercer Mutual Fund US Equity Small+Mid Median	290,211,500	1.8	17.6 (31) 17.6 (30) 16.6	11.5 (37) 11.5 (36) 10.8	8.2 (42) 8.2 (42) 7.5	12.2 (42) 12.3 (42) 11.0	-0.2 (46) -0.2 (46) -0.6	Apr-09
NCSRP BlackRock Russell 2500 Index Fund Russell 2500 Index Mercer Instl US Equity Small + Mid Cap Median	290,211,500	1.8	17.7 (64) 17.6 (66) 18.4	11.6 (69) 11.5 (70) 12.5	8.2 (64) 8.2 (65) 9.1	12.2 (48) 12.3 (48) 11.9	-0.2 (50) -0.2 (50) -0.3	Apr-09
SMID Cap Core Fund Russell 2500 Index Mercer Mutual Fund US Equity Small+Mid Median	1,024,140,620	6.3	5.0 (40) 5.0 (40) 4.0	- 11.5 (36) 10.8	- <i>8.2 (42)</i> 7.5	- <i>12.3 (42)</i> 11.0	0.4 (38) -0.2 (46) -0.6	Oct-17
NCSRP Russell 2500 Index Russell 2500 Index Mercer InstI US Equity Small + Mid Cap Median	50,795,276	0.3	3.8 (55) 5.0 (43) 4.4	- <i>11.5 (70)</i> 12.5	- <i>8.2 (65)</i> 9.1	- <i>12.3 (48)</i> 11.9	-0.2 (49) -0.2 (50) -0.3	Oct-17
NCSRP Hotchkis & Wiley Hotchkis Custom SMID Value Index Mercer InstI US Equity SMID Value Median	162,578,965	1.0	20.3 (2) 17.1 (57) 17.3	10.0 (73) 9.9 (81) 10.9	4.9 (83) 7.3 (53) 7.4	6.0 (69) 5.7 (73) 8.4	-1.6 (45) -2.7 (73) -1.9	Apr-09
NCSRP EARNEST Partners EARNEST Custom SMID Value Index Mercer InstI US Equity SMID Value Median	161,141,800	1.0	17.9 (38) 16.1 (76) 17.3	13.3 (4) 9.9 (81) 10.9	10.0 (9) 7.3 (53) 7.4	13.3 (12) 5.7 (73) 8.4	-2.1 (60) -2.7 (73) -1.9	Apr-09
NCSRP WEDGE SMID Cap Value Russell 2500 Value Index Mercer InstI US Equity SMID Value Median	162,815,502	1.0	14.9 (22) 13.1 (65) 13.8	11.3 (35) 9.9 (81) 10.9	7.2 (55) 7.3 (53) 7.4	5.4 (77) 5.7 (73) 8.4	-3.1 (90) -2.7 (73) -1.9	Jan-12



	Market Value	%			Ending Ma	arch 31, 2018		
	(\$)		Since Inception	5 Years	3 Years	1 Year	1 Quarter	Inception Date
NCSRP Brown Advisory	242,236,649	1.5	18.9 (33)	14.1 (33)	11.8 (32)	17.4 (72)	3.9 (44)	Apr-09
Brown Custom SMID Growth Index			<i>18.3 (57)</i>	13.4 (46)	<i>9.1 (56)</i>	19.9 <i>(53)</i>	2.4 (71)	
Mercer Instl US Equity SMID Growth Median			18.5	13.1	9.4	20.1	3.4	
NCSRP TimesSquare SMID Growth	244,572,429	1.5	12.7 (38)	11.2 (79)	<mark>7.4</mark> (74)	19.1 (60)	3.1 (61)	Jul-11
TimesSquare Custom SMID Growth Index			12.2 (59)	13.4 (46)	9.1 (56)	19.9 (53)	2.4 (71)	
Mercer Instl US Equity SMID Growth Median			12.5	13.1	9.4	20.1	3.4	
International Passive	76,557,394	0.5	10.5 (47)	6.1 (66)	6.5 (32)	17.2 (23)	-0.7 (27)	Apr-09
MSCI AC World ex USA			10.9 (20)	6.4 (52)	6.7 (29)	17.0 (26)	<i>-1.1 (51)</i>	
Mercer Mutual Fund World ex US/EAFE Equity Index Median			10.4	6.4	6.0	15.3	-1.1	
NCSRP BlackRock ACWI ex US Fund	76,557,394	0.5	10.7 (89)	6.2 (98)	6.5 (23)	17.3 (18)	-0.8 (24)	Apr-09
MSCI AC World ex USA			10.9 (14)	6.4 (86)	6.7 (18)	17.0 (21)	-1.1 (39)	·
Mercer Instl World ex US/EAFE Equity Passive Median			10.8	6.7	6.0	15.4	-1.3	
International Equity	729,417,210	4.5	11.3 (48)	7.1 (48)	7.6 (34)	17.3 (49)	-1.2 (72)	Apr-09
MSCI AC World ex USA			10.9 (54)	6.4 (66)	6.7 (49)	<i>17.0 (52)</i>	-1.1 (67)	
Mercer Mutual Fund World ex US/EAFE Equity Median			11.1	7.0	6.6	17.2	-0.6	
NCSRP Baillie Gifford ACWI ex US Growth	363,239,272	2.2	14.3 (10)	9.3 (25)	10.9 (7)	23.0 (15)	-0.8 (51)	Apr-09
MSCI AC World ex USA			10.9 <i>(82)</i>	6.4 (89)	<i>6.7 (63)</i>	<i>17.0 (54)</i>	-1.1 (61)	
MSCI AC World ex USA Growth			11.3 (73)	7.2 (74)	7.7 (44)	20.3 (24)	<i>-0.8 (51)</i>	
Mercer Instl World ex US/EAFE Equity Median			12.2	8.1	7.3	17.5	-0.7	
NCSRP Mondrian ACWI ex US Value	366,177,938	2.2	<mark>9.9</mark> (97)	6.2 (91)	5.4 (89)	12.7 (90)	- 1.5 (72)	Apr-09
MSCI AC World ex USA			<i>10.9 (82)</i>	6.4 (89)	<i>6.7 (63)</i>	<i>17.0 (54)</i>	-1.1 (61)	
MSCI AC World ex USA Value			10.4 (90)	5.5 <i>(98)</i>	5.6 <i>(83)</i>	13.9 (83)	-1.4 (66)	
Mercer Instl World ex US/EAFE Equity Median			12.2	8.1	7.3	17.5	-0.7	



	Market Value	%		Ending March 31, 2018						
	(\$)		Since Inception	5 Years	3 Years	1 Year	1 Quarter	Inception Date		
Global Equity MSCI AC World Index Mercer Mutual Fund Global Equity Median	1,050,100,694	6.4	14.1 (38) 13.7 (43) 13.2	11.6 (19) 9.8 (49) 9.7	9.1 (31) 8.7 (35) 7.9	17.7 (33) 15.4 (45) 14.7	1.2 (23) -0.8 (56) -0.6	Apr-09		
NCSRP Wellington Global Opportunities MSCI AC World Index Mercer Instl Global Equity Median	522,119,951	3.2	12.9 (19) 10.4 (71) 11.3	12.4 (16) 9.8 (69) 10.7	9.1 (46) <i>8.7 (54)</i> 8.9	17.3 (40) 15.4 (57) 16.1	1.2 (21) -0.8 (57) -0.6	Aug-10		
NCSRP Arrowstreet Global Equity ACWI MSCI AC World Index Mercer Instl Global Equity Median	527,980,742	3.2	12.3 (20) 10.0 (71) 10.9	12.3 (16) 9.8 (69) 10.7	10.5 (22) <i>8.7 (54)</i> 8.9	19.5 (24) 15.4 (57) 16.1	1.6 (15) -0.8 (57) -0.6	Apr-12		
Inflation Responsive Fund PIMCO Inflation Response Index Mercer Mutual Fund Diversified Inflation Hedge Median	505,354,020	3.1	2.2 (26) 0.1 (80) 1.0	-1.3 (90) 0.2	3.5 (14) 1.1 (64) 2.0	6.0 (30) 2.6 (79) 5.1	-0.1 (15) -0.7 (26) -1.2	Oct-13		
NCSRP PIMCO Inflation Response Multi-Asset PIMCO Inflation Response Multi-Asset Strategy PIMCO Inflation Response Index CPI - All Urban Consumers (Unadjusted) Mercer Mutual Fund Diversified Inflation Hedge Median	505,354,020	3.1	3.1 (8) 2.4 (19) 0.1 (80) 1.4 (36) 1.0	- 0.5 (39) -1.3 (90) 1.4 (14) 0.2	4.3 (7) 3.1 (24) 1.1 (64) 1.9 (54) 2.0	6.8 (24) 6.0 (29) 2.6 (79) 2.4 (82) 5.1	0.1 (7) -0.1 (15) -0.7 (26) 1.2 (5) -1.2	Oct-13		
Fixed Income Passive Fund Blmbg. Barc. U.S. Aggregate Mercer Mutual Fund US Fixed Core Median	531,339,169	3.2	2.5 (62) 2.6 (60) 2.8	1.7 (54) 1.8 (48) 1.8	1.1 (64) 1.2 (62) 1.4	1.2 (58) 1.2 (58) 1.4	-1.5 (72) -1.5 (70) -1.2	Oct-10		
NCSRP BlackRock Debt Index Fund Blmbg. Barc. U.S. Aggregate Mercer Mutual Fund US Fixed Core Median	531,339,169	3.2	2.7 (58) 2.6 (60) 2.8	1.9 (46) 1.8 (48) 1.8	1.3 (59) 1.2 (62) 1.4	1.3 (57) 1.2 (58) 1.4	-1.5 (70) -1.5 (70) -1.2	Oct-10		



	Market Value	%		Ending March 31, 2018				
	(\$)		Since Inception	5 Years	3 Years	1 Year	1 Quarter	Inception Date
Fixed Income Fund Blmbg. Barc. U.S. Aggregate Mercer Mutual Fund US Fixed Core Median	748,638,706	4.6	4.6 (47) 3.7 (67) 4.5	2.3 (28) 1.8 (48) 1.8	2.1 (20) 1.2 (62) 1.4	2.4 (19) 1.2 (58) 1.4	-1.3 (55) -1.5 (70) -1.2	Apr-09
NCSRP TCW Core Plus TCW Core Plus Bond Strategy Blmbg. Barc. U.S. Aggregate Mercer Instl US Fixed Core Median	374,194,068	2.3	1.9 (83) 2.1 (66) 1.6 (90) 2.4	- 2.4 (48) 1.8 (88) 2.3	- 1.6 (64) 1.2 (91) 1.9	1.6 (70) 1.6 (69) 1.2 (88) 1.9	-1.2 (36) -1.2 (37) -1.5 (73) -1.3	Jan-17
NCSRP Prudential Core Plus Prudential Core Plus Strategy Blmbg. Barc. U.S. Aggregate Mercer Instl US Fixed Core Median	374,444,637	2.3	3.6 (7) 3.6 (8) 1.6 (91) 2.3	3.6 (8) 1.8 (88) 2.3	3.2 (8) 3.1 (9) 1.2 (91) 1.9	3.7 (7) 3.7 (7) 1.2 (88) 1.9	-1.2 (36) -1.3 (44) -1.5 (73) -1.3	Jan-15
Stable Value Fund 3-Year Constant Maturity Yield T-BILLS + 1.5% Mercer Instl Stable Value Median	2,548,303,500	15.6	2.5 (19) 1.0 (100) 1.7 (76) 1.9	1.9 (25) 1.1 (100) 1.8 (32) 1.7	2.0 (21) 1.3 (100) 2.0 (16) 1.8	2.1 (21) 1.8 (91) 2.6 (1) 1.9	0.5 (21) 0.6 (1) 0.7 (1) 0.5	Jul-09
GoalMaker Funds	5,110,037,862	31.2						
Conservative 0-5 Yrs CO1 Benchmark Mercer Mutual Fund Target Date 2015 Median	511,651,658	3.1	6.0 (99) 4.9 (100) 8.6	4.1 (92) 3.8 (97) 5.9	3.6 (89) 3.2 (93) 4.7	5.1 (88) 4.8 (93) 7.1	-0.2 (1) -0.3 (8) -0.8	Jul-09
Conservative 6-10 Yrs CO2 Benchmark Mercer Mutual Fund Target Date 2020 Median	130,080,191	0.8	7.1 (93) 5.9 (100) 9.2	5.0 (74) 4.6 (80) 6.2	4.3 (75) 4.0 (82) 5.0	6.5 (81) 6.1 (85) 8.0	-0.1 (5) - <i>0.3</i> (11) -0.8	Jul-09
Conservative 11-15 Yrs CO3 Benchmark Mercer Mutual Fund Target Date 2025 Median	90,879,607	0.6	8.7 (94) <i>8.0 (100)</i> 10.1	6.6 (72) 6.3 (76) 7.1	5.6 (69) 5.3 (72) 5.7	8.8 (73) 8.2 (77) 9.6	-0.2 (10) -0.5 (40) -0.7	Jul-09



	Market Value	%	Ending March 31, 2018						
	(\$)		Since Inception	5 Years	3 Years	1 Year	1 Quarter	Inception Date	
Conservative 16+ Yrs CO4 Benchmark Mercer Mutual Fund Target Date 2030 Median	218,409,896	1.3	10.4 (61) <i>9.9 (67)</i> 10.7	8.2 (38) 7.9 (46) 7.6	6.9 (23) 6.6 (34) 6.3	11.4 (31) 10.7 (58) 10.8	-0.2 (16) -0.6 (44) -0.7	Jul-09	
Moderate 0-5 Yrs M01 Benchmark Mercer Mutual Fund Target Date 2015 Median	651,261,715	4.0	7.5 (92) 6.6 (96) 8.6	5.5 (66) 5.2 (82) 5.9	4.8 (43) 4.4 (72) 4.7	7.3 (48) 6.8 (62) 7.1	-0.2 (1) -0.4 (13) -0.8	Jul-09	
Moderate 6-10 Yrs Mo2 Benchmark Mercer Mutual Fund Target Date 2020 Median	456,789,570	2.8	8.5 (69) 8.0 (74) 9.2	6.6 (40) 6.3 (48) 6.2	5.6 (19) 5.3 (37) 5.0	8.8 (22) 8.2 (44) 8.0	-0.2 (7) -0.5 (30) -0.8	Jul-09	
Moderate 11-15 Yrs Mo3 Benchmark Mercer Mutual Fund Target Date 2025 Median	406,449,655	2.5	9.9 (65) 9.4 (81) 10.1	7.8 (24) 7.4 (38) 7.1	6.6 (12) 6.3 (20) 5.7	10.8 (10) 10.1 (32) 9.6	-0.2 (9) -0.6 (44) -0.7	Jul-09	
Moderate 16+ Yrs Mo4 Benchmark Mercer Mutual Fund Target Date 2030 Median	833,633,665	5.1	11.6 (10) 11.3 (19) 10.7	9.4 (5) 9.1 (6) 7.6	7.9 (1) 7.6 (6) 6.3	13.6 (1) 12.8 (5) 10.8	-0.1 (15) - <i>0.7</i> (45) -0.7	Jul-09	
Aggressive 0-5 Yrs R01 Benchmark Mercer Mutual Fund Target Date 2015 Median	287,528,439	1.8	9.1 (28) 8.3 (77) 8.6	6.9 (1) 6.5 (19) 5.9	5.8 (2) 5.5 (12) 4.7	9.3 (1) <i>8.6 (12)</i> 7.1	-0.2 (1) -0.6 (36) -0.8	Jul-09	
Aggressive 6-10 Yrs R02 Benchmark Mercer Mutual Fund Target Date 2020 Median	316,841,072	1.9	10.1 (5) 9.4 (35) 9.2	7.8 (2) 7.4 (5) 6.2	6.6 (1) 6.3 (4) 5.0	10.8 (1) 10.1 (3) 8.0	-0.2 (7) -0.6 (35) -0.8	Jul-09	
Aggressive 11-15 Yrs R03 Benchmark Mercer Mutual Fund Target Date 2025 Median	324,272,276	2.0	11.2 (4) <i>10.9 (10)</i> 10.1	9.0 (1) <i>8.7 (4)</i> 7.1	7.5 (1) 7.3 (1) 5.7	12.8 (1) 12.0 (1) 9.6	-0.1 (8) -0.6 (46) -0.7	Jul-09	



Mercer Mutual Fund Target Date 2030 Median

Total Fund Performance Measurement Run Date: April 20, 2018 As of March 31, 2018 Ending March 31, 2018 Market Value % (\$) Since 5 3 1 Inception Date Inception Years Years Year Quarter Aggressive 16+ Yrs 882,240,118 12.9 (1) 10.6 (1) 8.8 (1) 15.6 (1) -0.1 (15) Jul-09 R04 Benchmark 12.9 (1) 10.4 (1) 8.7 (1) 14.7 (1) -0.7 (46)

10.7

7.6

6.3

10.8

-0.7



Total Fund Performance Measurement - Net of Fees

	Market Value	%			Ending Mai	rch 31, 2018		
	(\$)		Since Inception	5 Years	3 Years	1 Year	1 Quarter	Inception Date
Large Cap Passive	1,613,475,050	9.9	16.5	13.2	10.7	14.0	-0.8	Apr-09
S&P 500			16.7	13.3	10.8	14.0	-0.8	
NCSRP BlackRock Equity Index	1,613,475,050	9.9	16.7	13.3	10.8	14.0	-0.7	Apr-09
S&P 500			16.7	13.3	10.8	14.0	-0.8	
Large Cap Core Fund	2,135,636,717	13.1	7.0	-	-	-	1.1	Oct-17
Russell 1000 Index			5.9	13.2	10.4	14.0	-0.7	
NCSRP Russell 1000 Index	528,900,789	3.2	5.3	-	-	-	-0.8	Oct-17
Russell 1000 Index			5.9	13.2	10.4	14.0	-0.7	Apr-09 Apr-09 Oct-17
NCSRP Macquarie Large Cap Value	410,047,725	2.5	7.9	_	_	9.2	-1.0	Jun-15
Russell 1000 Value Index			7.5	10.8	7.9	6.9	-2.8	
NCSRP Hotchkis & Wiley Large Cap Value	404,560,402	2.5	18.1	12.8	9.0	10.8	-3.1	Apr-09
Russell 1000 Value Index			15.5	10.8	7.9	6.9	-2.8	
NCSRP Loomis Large Cap Growth	398,076,084	2.4	16.3	-	15.6	23.9	1.0	Aug-14
Russell 1000 Growth Index			13.9	15.5	12.9	21.3	1.4	J
NCSRP Sands Capital Large Cap Growth	394,051,717	2.4	21.6	15.5	12.2	30.1	9.6	Apr-09
Russell 1000 Growth Index			18.1	15.5	12.9	21.3	1.4	·
Mid/Small Cap Passive	290,211,500	1.8	17.6	11.5	8.2	12.2	-0.2	Apr-09
Russell 2500 Index			17.6	11.5	8.2	12.3	-0.2	
NCSRP BlackRock Russell 2500 Index Fund	290,211,500	1.8	17.7	11.6	8.2	12.2	-0.3	Apr-09
Russell 2500 Index			17.6	11.5	8.2	12.3	-0.2	•
SMID Cap Core Fund	1,024,140,620	6.3	5.0	-	-	-	0.4	Oct-17
Russell 2500 Index			5.0	11.5	8.2	12.3	-0.2	



Total Fund Performance Measurement - Net of Fees

	Market Value	%		Ending March 31, 2018				
	(\$)		Since Inception	5 Years	3 Years	1 Year	1 Quarter	Inception Date
NCSRP Russell 2500 Index Russell 2500 Index	50,795,276	0.3	3.8 5.0	- 11.5	- 8.2	- 12.3	-0.2 -0.2	Oct-17
NCSRP Hotchkis & Wiley Hotchkis Custom SMID Value Index	162,578,965	1.0	19.6 <i>17.1</i>	9.4 9.9	4.3 7.3	5.5 5.7	-1.7 <i>-2.7</i>	Apr-09
NCSRP EARNEST Partners EARNEST Custom SMID Value Index	161,141,800	1.0	17.2 <i>16.1</i>	12.7 <i>9.9</i>	9.4 7.3	12.7 <i>5.7</i>	-2.2 <i>-2.7</i>	Apr-09
NCSRP WEDGE SMID Cap Value Russell 2500 Value Index	162,815,502	1.0	14.1 <i>13.1</i>	10.5 <i>9.9</i>	6.5 7.3	4.7 <i>5.7</i>	-3.3 -2.7	Jan-12
NCSRP Brown Advisory Brown Custom SMID Growth Index	242,236,649	1.5	18.2 18.3	13.5 <i>13.4</i>	11.1 <i>9.1</i>	16.8 19.9	3.7 2.4	Apr-09
NCSRP TimesSquare SMID Growth TimesSquare Custom SMID Growth Index	244,572,429	1.5	11.8 12.2	10.4 13.4	6.6 9.1	18.3 19.9	3.0 <i>2.4</i>	Jul-11
International Passive MSCI AC World ex USA	76,557,394	0.5	10.5 <i>10.9</i>	6.1 <i>6.4</i>	6.5 <i>6.7</i>	17.2 <i>17.0</i>	-0.7 -1.1	Apr-09
NCSRP BlackRock ACWI ex US Fund MSCI AC World ex USA	76,557,394	0.5	10.6 <i>10.9</i>	6.1 <i>6.4</i>	6.5 <i>6.7</i>	17.2 <i>17.0</i>	-0.8 -1.1	Apr-09
International Equity MSCI AC World ex USA	729,417,210	4.5	11.3 <i>10.9</i>	7.1 <i>6.4</i>	7.6 6.7	17.3 <i>17.0</i>	-1.2 -1.1	Apr-09
NCSRP Baillie Gifford ACWI ex US Growth MSCI AC World ex USA MSCI AC World ex USA Growth	363,239,272	2.2	13.8 <i>10.9</i> <i>11.3</i>	8.9 6.4 7.2	10.4 6.7 7.7	22.6 17.0 20.3	-0.8 -1.1 -0.8	Apr-09
NCSRP Mondrian ACWI ex US Value MSCI AC World ex USA MSCI AC World ex USA Value	366,177,938	2.2	9.4 10.9 10.4	5.8 6.4 5.5	4.9 6.7 5.6	12.3 17.0 13.9	-1.6 -1.1 -1.4	Apr-09



Total Fund Performance Measurement - Net of Fees

	Market Value	%		Ending March 31, 2018				
	(\$)	70	Since Inception	5 Years	3 Years	1 Year	1 Quarter	Inception Date
Global Equity	1,050,100,694	6.4	14.1	11.6	9.1	17.7	1.2	Apr-09
MSCI AC World Index			13.7	9.8	8.7	15.4	-0.8	
NCSRP Wellington Global Opportunities	522,119,951	3.2	12.4	11.8	8.5	16.8	1.0	Aug-10
MSCI AC World Index			10.4	9.8	8.7	15.4	-0.8	
NCSRP Arrowstreet Global Equity ACWI	527,980,742	3.2	11.6	11.6	9.8	18.9	1.4	Apr-12
MSCI AC World Index			10.0	9.8	8.7	15.4	-0.8	
Inflation Responsive Fund	505,354,020	3.1	2.2	-	3.5	6.0	-0.1	Oct-13
PIMCO Inflation Response Index			0.1	-1.3	1.1	2.6	-0.7	
NCSRP PIMCO Inflation Response Multi-Asset	505,354,020	3.1	2.4	-	3.6	6.1	-0.1	Oct-13
PIMCO Inflation Response Index			0.1	-1.3	1.1	2.6	-0.7	
CPI - All Urban Consumers (Unadjusted)			1.4	1.4	1.9	2.4	1.2	
Fixed Income Passive Fund	531,339,169	3.2	2.5	1.7	1.1	1.2	-1.5	Oct-10
Blmbg. Barc. U.S. Aggregate			2.6	1.8	1.2	1.2	-1.5	
NCSRP BlackRock Debt Index Fund	531,339,169	3.2	2.6	1.8	1.2	1.2	-1.5	Oct-10
Blmbg. Barc. U.S. Aggregate			2.6	1.8	1.2	1.2	-1.5	
Fixed Income Fund	748,638,706	4.6	4.6	2.3	2.1	2.4	-1.3	Apr-09
Blmbg. Barc. U.S. Aggregate			3.7	1.8	1.2	1.2	-1.5	
NCSRP TCW Core Plus	374,194,068	2.3	1.7	-	-	1.4	-1.2	Jan-17
Blmbg. Barc. U.S. Aggregate			1.6	1.8	1.2	1.2	-1.5	
NCSRP Prudential Core Plus	374,444,637	2.3	3.4	-	3.0	3.4	-1.2	Jan-15
Blmbg. Barc. U.S. Aggregate			1.6	1.8	1.2	1.2	-1.5	
Stable Value Fund	2,548,303,500	15.6	2.5	1.9	2.0	2.1	0.5	Jul-09
3-Year Constant Maturity Yield			1.0	1.1	1.3	1.8	0.6	
T-BILLS + 1.5%			1.7	1.8	2.0	2.6	0.7	

Manager & Strategy	Mercer Rating	Philosophy	Key Strategy Observations
Macquarie Large Cap Value Focus	А	concentrated, bottom-up, fundamental approach to manage the strategy, seeking companies that are trading at a discount to their estimated intrinsic values (in the form	The team utilizes the S&P 500 Index for portfolio construction purposes, so while the strategy is concentrated, it tends to be diversified across all sectors. The strategy should outperform its peers and the benchmark when investors focus on company fundamentals and lag in speculative markets that favor lower quality names. In addition, it is suitable for assignments requiring a best-ideas approach and a traditional to relative value orientation.
Earnest SMID Cap Value	В+	stock price returns follow identifiable patterns. Its approach seeks to identify what factors drive each stock's returns by focusing on industry clusters. Given the typical	The strategy will tend to fall between value and core over time (relative value). The portfolio is likely to benefit when growth investing is in favor compared to a value oriented benchmark. Given that the process seeks companies with relatively strong profitability measures and higher quality characteristics, the strategy may lag in market environments that reward lower quality companies.
Galliard Stable Value	А	Galliard seeks income generation with the goal of actively managing risk while emphasizing downside risk protection and low tracking error. Galliard believes the role of fixed income is to control risk and deliver a competitive total return over a longer time horizon. Value added is primarily derived from sector emphasis and individual security selection utilizing a fundamental valuation process. Galliard focuses on an above average yield, not positioning the portfolio based on anticipated interest rate movements. Galliard also avoids sector rotation, leverage, non-dollar positions, derivatives, convexity risk and excessive credit risks. Galliard avoids both market timing and being the prognosticator of interest rate direction because of the inherent risk; as such, the firm will make only modest variations from the benchmark in duration segments across the curve. The investment philosophy seeks to add value through strategic diversification of spread sectors, bottom-up value driven fundamental research, broad issuer/issue diversification and client customization to meet unique liquidity needs.	
Hotchkis and Wiley Large Cap Fundamental Value	A (T)	firm focuses on stocks where its estimate of the intrinsic value of future cash flows exceeds the market price.	The Large Cap Fundamental Value strategy has a deep value bias and should be expected to trail relative and traditional value managers when markets pull back or in "risk off" environments when investors are particularly risk averse. In addition, because of this bias, returns may not track the relevant index closely and may exhibit stretches of volatility.

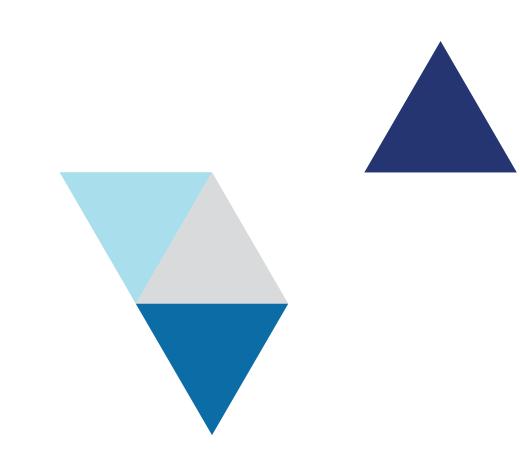
Manager & Strategy	Mercer Rating	Philosophy	Key Strategy Observations
Hotchkis and Wiley Mid-Cap Value	B+ (T)		HWCM's strategies have a deeper value bias and should be expected to trail more traditional value managers when markets pull back or when investors are particularly risk averse. In addition, because of this bias, returns may not track the relevant index closely and may exhibit stretches of volatility.
TCW Core Plus Fixed Income	А		The firm fuses macro themes, bottom-up fundamental research, and robust quantitative analysis into a single well-integrated investment process. TCW has consistently improved its proprietary risk management systems and trading analytic tools to meet the demands of the market.
Loomis Large Cap Growth	B+ (T)	identifying a limited number of high quality companies capable of sustaining above average, long-term cash flow growth and purchasing them at discounted prices to their intrinsic value. The result is a concentrated, low-turnover portfolio of the team's highest conviction ideas.	Due to the strategy's loose portfolio construction guidelines, name concentration, and long-term investment horizon, clients should expect short-term performance fluctuations in both absolute terms and relative to the Russell 1000 Growth Index. Given the team's focus on financially strong companies and emphasis on valuation and downside risk, the strategy usually performs better in flat to down markets, and may lag when investor appetite for risk is high. Although the inception date of the strategy under Hamzaogullari's team and process at Loomis is July 1, 2010, he was able to take with him the composite track record which dates back to mid-2006 from Evergreen. However, the track record for the mutual fund (the Natixis Loomis Sayles Growth Fund) includes performance of a different team and process prior to July 1, 2010.

Manager & Strategy	Mercer Rating	Philosophy	Key Strategy Observations
Mondrian Focused All Countries World Ex-US Equity	B+	long term, the manager expects stock selection to account for most of the excess return relative to the index. Mondrian favours countries, and securities within countries,	The strategy is expected to display persistent factor bias to value and low volatility. A bias towards high dividend yielding stocks is expected to be a persistent feature of this strategy. The strategy will tend to outperform during periods of falling markets, although performance during rising markets is generally mixed. Absolute volatility is expected to be lower than that of the market.
PIMCO Inflation Response Multi- Asset	B+	opportunities that inflation dynamics may present. The fund provides diversified exposure to a broad opportunity set of inflation factors or assets that will likely respond to different types of inflation including Treasury Inflation-Protected Securities (TIPS), commodities, emerging market (EM) currencies, real estate investment trusts (REITs), gold and tactical use of floating rate securities. Tail-risk hedging strategies are also utilized to limit the impact of periodic market stresses that may affect inflation-related	While the strategy seeks a return in excess of inflation, investors should be aware that CPI is not an investable benchmark and PIMCO does not seek to track it. As such, the shorter-term performance of the strategy will likely be driven by factors other than realized inflation or changes in market inflation expectations. Still, the objective of the strategy is to formulate macroeconomic views regarding potential inflation and then seek exposure to asset classes and investments that should benefit from/protect against inflation and that perform relatively well during periods of rising inflation. While the portfolio is diversified, volatility and downside risk could be higher than expected as many of the underlying asset classes have exposure to common risk factors.
Prudential Core Plus Fixed Income	А	Prudential's Core Plus fixed income strategy is designed to generate excess return from fairly equal increments of both sector allocation and subsector/security selection, and from duration and yield curve on a secondary basis. The active philosophy blends top down and bottom up research to drive sector allocation and issue selection. Duration and yield curve positioning is generally de-emphasized but will be considered when market opportunities dictate. The Core Plus strategy will allocate to non-benchmark sectors, including non-agency mortgage, high yield, and emerging markets.	
Sands Select Growth Equity	А (Т)	Sands follows a buy and hold philosophy with low turnover. The long-term investment horizon allows the companies in the portfolio to realize long-term business	The strategy is expected to have a persistent factor bias to size. Given the strategy's loose constraints and concentrated nature, tracking error can be high at times. Short-term deviations relative to the benchmark can be quite significant and clients invested with Sands should be willing to take a long-term perspective. The strategy is best classified as aggressive growth.

Manager & Strategy	Mercer Rating	Philosophy	Key Strategy Observations
TimesSquare SMID Cap Growth	А	quality (and alignment with shareholders) and a comprehensive understanding of superior business models, enable their team to build a diversified portfolio that will generate superior risk adjusted returns over the long run.	TSCM Mid Cap Growth and SMID Cap Growth each display a persistent bias to profitability relative to a core benchmark and are thus best classified as traditional growth sub-style exposures. Although the portfolios are sufficiently diversified on a holdings-count basis, relative sector exposures at times can be meaningful (however, not meaningful enough to warrant tracking error designations as there are upper relative limits for the strategies versus the larger index sector weights). Given the team's traditional growth sub-style and their valuation discipline, strategy performance may lag in more speculative, momentum driven markets.
WEDGE Small/Mid Cap Value	B+		Given the strategy's focus on higher quality companies and tendency to overweight lower beta names; it may struggle in market environments that reward lower quality and higher beta stocks. Nonetheless, WEDGE has experienced few periods of significant underperformance and generally helps protect capital in difficult market environments.
Wellington Global Opportunities (Choumenkovitch)	B+	market underestimates improvements in returns or underestimates the sustainability of returns. To that end, the team applies a bottom-up, fundamental process to find	Over the long term, the portfolio should be close to neutral relative to the benchmark in terms of country allocation, industry and capitalization range. The approach performs best in broadly-trending markets, but suffers at market extremes such as a flight-to-quality or strong momentum markets. It will also underperform when mega cap stocks are leading the markets.

Manager & Strategy	Mercer Rating	Philosophy	Key Strategy Observations
Arrowstreet Global Equity - ACWI	А	Informational opportunities stem from investors not fully exploiting information that is	This benchmark-sensitive, quantitative approach typically exhibits a value tilt. It is not labeled "value" since returns do not behave in line with value indices. The strategy is expected to do well in trending markets (including growth markets) but to have greater difficulty managing through rapid inflection points. Several of the firm's strategies are available as Dublin-based pooled funds. The strategy does not follow a model portfolio, which may lead to some dispersion between similar client mandates.
Baillie Gifford	А	The investment approach is bottom-up, based on fundamental research, with a focus on identifying quality, growth stocks that have an identifiable competitive advantage. Portfolios will consist of stocks that can sustain above average growth in earnings and cash flow. The time horizon is genuinely long-term with low turnover.	The strategy is expected to display persistent factor bias to profitability. The bias towards growth and quality stocks may make it more difficult for this strategy to outperform during periods when these market characteristics are out of favour.
BlackRock Indices	Α	Through its predecessor firm BGI, BlackRock utilizes a three-pronged philosophy across all of its index strategies. The investment philosophy of passive products at BlackRock is to replicate the index returns while minimizing transaction costs and tracking error of the product.	
Brown Small-Cap Growth Equity	B+	invest in companies with durable growth, sound governance, and a scalable go-to-market strategy.	The strategy is not expected to display a persistent factor bias relative to a core benchmark. It is managed in a GARP fashion and will consistently skew larger than its Russell 2000 Growth benchmark in terms of weighted average market cap; as such, it may underperform when the smallest cap stocks are in favor. Similarly, it has tended to perform better in up-market environments owing to its growth orientation and focus on the strength and durability of a business's long-term cash flow potential. An important attribute toward the strategy's long-term relative success has been its stock selection decisions within the Technology sector.

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