



RVK

Quarterly Summary of Investment Performance

City of Austin Employees' Retirement System

Period Ended: March 31, 2020



2019 Greenwich Quality Leader Award

Greenwich Associates recently announced that RVK is 1 of 3 firms among large US consultants to receive the 2019 Greenwich Quality Leader award.

We are proud to announce the 3rd consecutive year of receiving this recognition.



*We are deeply grateful for your continued confidence and support.
From all of us here at RVK, thank you for the opportunity to serve you!*

*Between July and October 2019, Greenwich Associates conducted interviews with 1,100 individuals at 896 of the largest tax-exempt funds in the US—including corporate and union funds, public funds, endowments and foundations—with either pension or investment pool assets greater than \$150 million. Study participants were asked to provide quantitative and qualitative evaluations of their asset managers and investment consultants, including qualitative assessments of those firms soliciting their business and detailed information on important market trends. RVK is one of three firms recognized in the large investment consultant category. The ratings may not be representative of any one client's experience with RVK; rather they are representative of those clients submitted and that chose to participate in the survey. The results are not indicative of RVK's future performance.

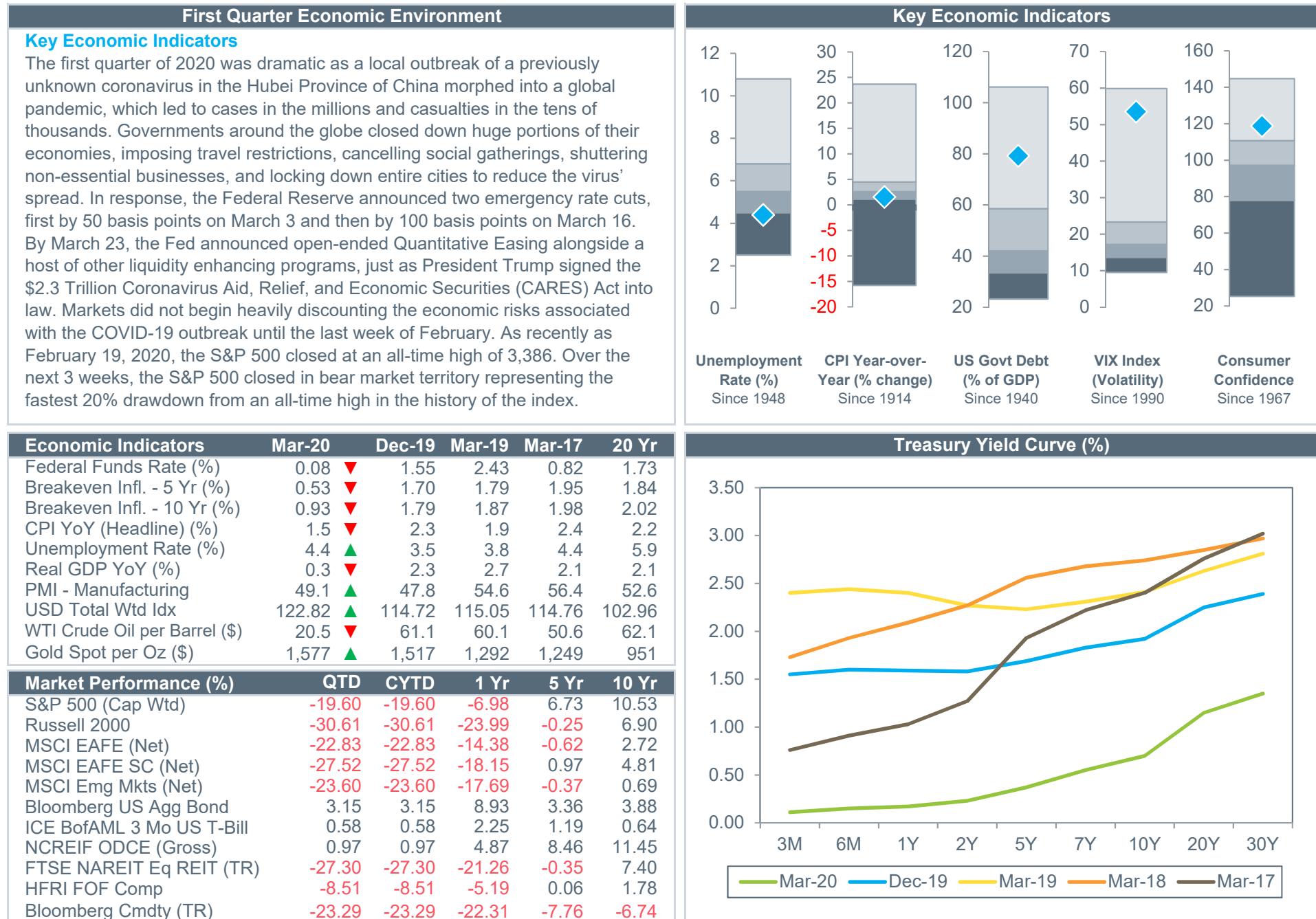
To read the Greenwich article, please refer to the following URL: <https://www.greenwich.com/sites/default/files/files/reports/Five-Factors-Distinguish-Best-in-Class-Consultants-Average-Practitioners.20-4012.pdf>
For more information about RVK, please refer to the following URL: <https://www.rvkinc.com/about/about.php>

**City of Austin Employees' Retirement System
Executive Summary**

As of March 31, 2020

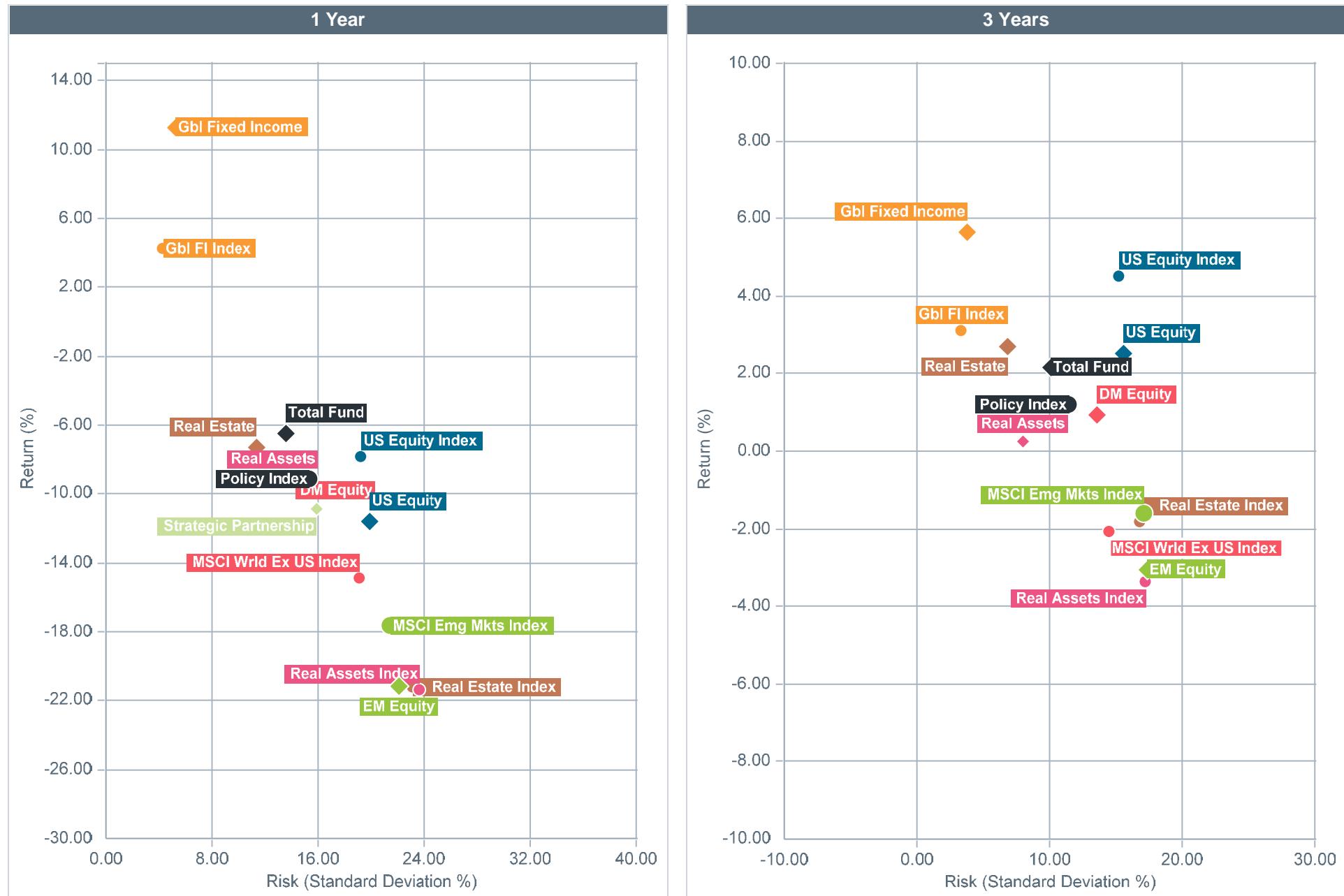
Capital Markets Review						Market Performance					
						QTD	1 Year	3 Years	5 Years	10 Years	
<ul style="list-style-type: none"> The first quarter of 2020 was dramatic as a local outbreak of a previously unknown coronavirus in the Hubei Province of China morphed into a global pandemic. Governments around the globe closed down huge portions of their economies and locked down entire cities to reduce the virus' spread. In response, the Federal Reserve announced two emergency rate cuts in March, as well as open-ended Quantitative Easing. 						S&P 500 (Mkt Cap Wtd)	-19.6	-7.0	5.1	6.7	10.5
						Russell 2000	-30.6	-24.0	-4.6	-0.2	6.9
						MSCI EAFE (Net)	-22.8	-14.4	-1.8	-0.6	2.7
						MSCI Emg Mkts (Net)	-23.6	-17.7	-1.6	-0.4	0.7
						Bbrg US Agg Bond	3.1	8.9	4.8	3.4	3.9
						Bbrg Cmdty (TR)	-23.3	-22.3	-8.6	-7.8	-6.7
						NCREIF ODCE (Net)	0.8	3.9	5.9	7.5	10.4
Total Fund Performance											
QTD	CYTD	1 Year	3 Years	5 Years	7 Years	10 Years	2019	2018	2017	2016	2015
Total Fund	-15.3	-15.3	-6.5	2.2	3.0	4.6	6.0	20.7	-5.9	16.6	8.1
Policy Index	-17.8	-17.8	-9.2	1.2	2.3	4.1	5.4	22.0	-6.8	16.0	7.5
Excess Return	2.5	2.5	2.7	1.0	0.7	0.5	0.6	-1.3	0.9	0.6	0.6
Total Fund Risk Metrics											
	1 Year	3 Years	5 Years	7 Years	10 Years	2019	2018	2017	2016	2015	
Sharpe Ratio	-0.6	0.1	0.2	0.5	0.6	2.3	-0.9	7.8	1.0	-0.2	
Standard Deviation	13.6	10.1	8.5	9.2	9.1	7.3	8.3	1.8	7.5	7.8	
Tracking Error	1.9	1.7	1.8	1.8	1.9	1.0	1.8	1.0	1.7	2.4	
Asset Class Performance						Performance Commentary					
	QTD	CYTD	1 Year	3 Years	Since Incep	Date					
Total Fund	-15.3	-15.3	-6.5	2.2	9.3	06/01/1982	<ul style="list-style-type: none"> The Total Fund returned -15.34% net of fees in the first quarter, outpacing with the Policy Index by 243 basis points. US Treasuries was the best performing asset class on an absolute net of fees basis during the quarter, earning 14.22%. Real Estate also had strong relative returns, outpacing its benchmark by 14.32% in Q1. 				
Policy Index	-17.8	-17.8	-9.2	1.2	N/A						
Excess Return	2.5	2.5	2.7	1.0	N/A						
US Equity	-22.1	-22.1	-11.6	2.5	9.8	06/01/1988					
US Equity Index	-19.8	-19.8	-7.8	4.5	9.8						
Excess Return	-2.3	-2.3	-3.8	-2.0	0.0						
DM Equity	-20.2	-20.2	-9.8	0.9	3.0	01/01/2008					
MSCI Wrld Ex US Index	-23.3	-23.3	-14.9	-2.1	-0.2						
Excess Return	3.1	3.1	5.1	3.0	3.2						
EM Equity	-26.1	-26.1	-21.2	-3.1	-0.8	03/01/2008					
MSCI Emg Mkts Index	-23.6	-23.6	-17.7	-1.6	-0.2						
Excess Return	-2.5	-2.5	-3.5	-1.5	-0.6						
Global Fixed Income	4.4	4.4	11.2	5.6	6.0	02/01/1991					
Global FI Index	-0.3	-0.3	4.2	3.1	5.7						
Excess Return	4.7	4.7	7.0	2.5	0.3						
Real Assets	-14.8	-14.8	-9.0	0.3	5.3	09/01/2004					
Real Assets Index	-28.0	-28.0	-21.4	-3.4	6.5						
Excess Return	13.2	13.2	12.4	3.7	-1.2						
Real Estate	-13.0	-13.0	-7.3	2.7	6.3	09/01/2004					
Real Estate Index	-27.3	-27.3	-21.3	-1.8	6.9						
Excess Return	14.3	14.3	14.0	4.5	-0.6						
Infrastructure & Other	-21.6	-21.6	N/A	N/A	-21.6	01/01/2020					
S&P Gbl Infrastructure Index (Net)	-29.3	-29.3	-21.9	-4.2	-29.3						
Excess Return	7.7	7.7	N/A	N/A	7.7						
Strategic Partnership	-18.8	-18.8	-10.9	N/A	-4.7	07/01/2018					
Policy Index	-17.8	-17.8	-9.2	1.2	-3.5						
Excess Return	-1.0	-1.0	-1.7	N/A	-1.2						
Asset Allocation vs. Target Allocation											
		Market Value (\$000)	Allocation (%)	Target (%)							
US Equity		729,170		29.7							
DM Equity		417,765		17.0							
EM Equity		180,101		7.3							
Global Fixed Income		617,573		25.1							
Real Estate		251,088		10.2							
Infrastructure & Other		119,873		4.9							
Strategic Partnership		120,872		4.9							
Asset Allocation		-		4.0							
Cash & Equivalents		20,355		0.8							
Total Fund		2,456,798		100.0							
Schedule of Investable Assets											
Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return						
CYTD	2,914,826,282	-12,123,635	-445,904,909	2,456,797,738	-15.34						

Performance shown is net of fees. Allocations shown may not sum up to 100% exactly. Tracking Error shown is relative to the Passive Index. Risk statistics shown are less meaningful for periods less than one year. Please see the addendum for custom benchmark definitions. Target allocations shown represent those approved at March 2020 Board Meeting.



**Composite: Total Fund
Risk and Return**

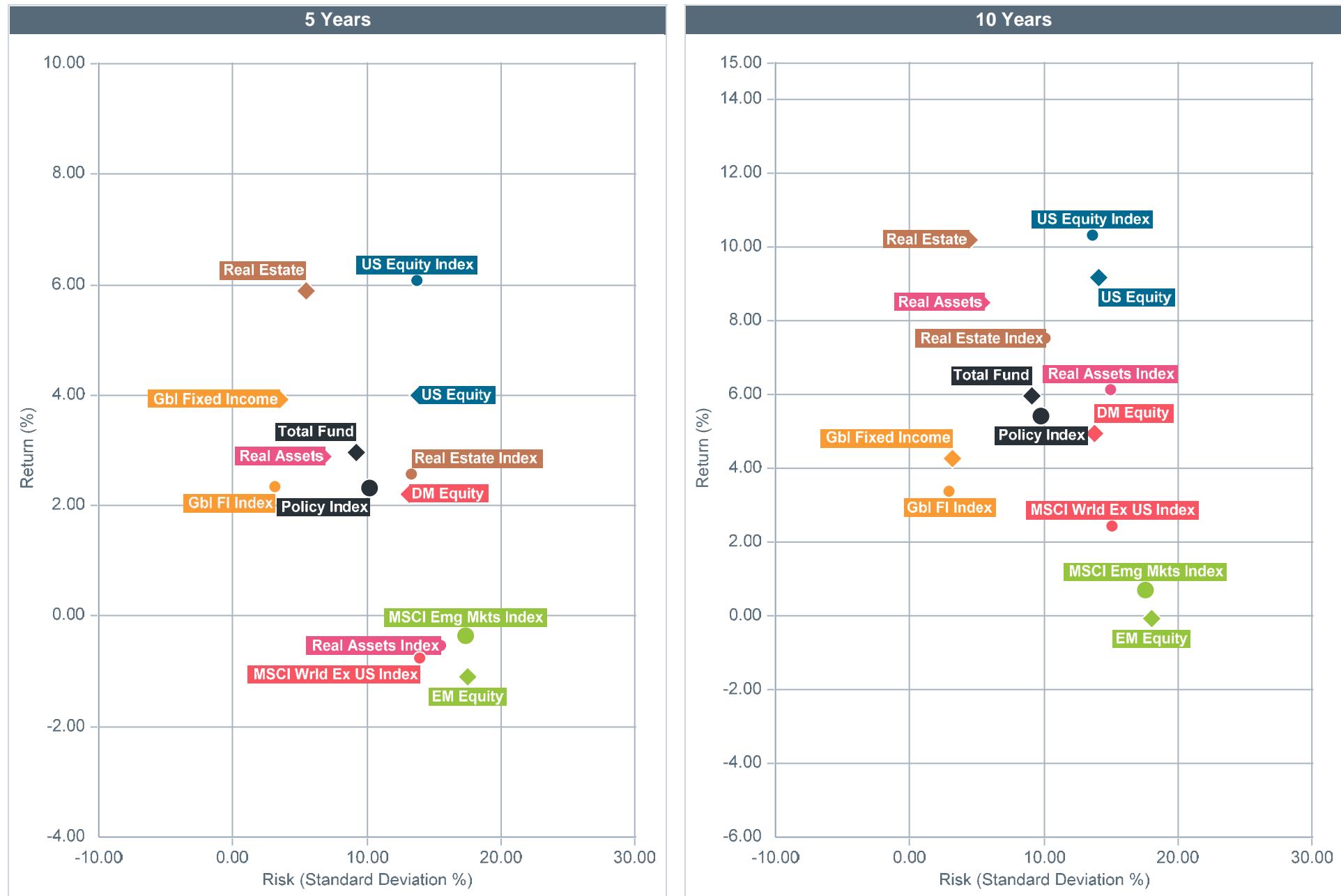
As of March 31, 2020



Performance shown is net of fees. Calculation is based on monthly periodicity. Composites with less history than the specified time period will not appear in the chart. Diamonds symbolize COAERS composites and circles symbolize asset class benchmarks.

**Composite: Total Fund
Risk and Return**

As of March 31, 2020



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City of Austin Employees' Retirement System

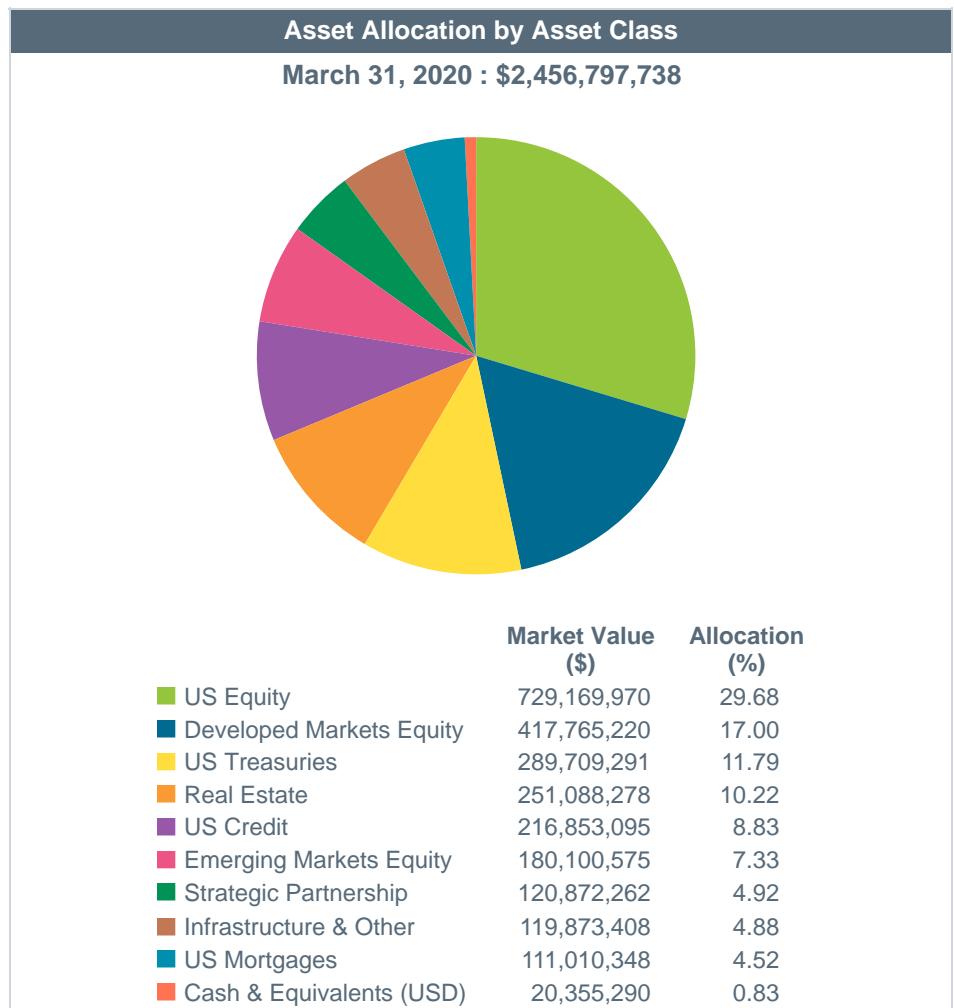
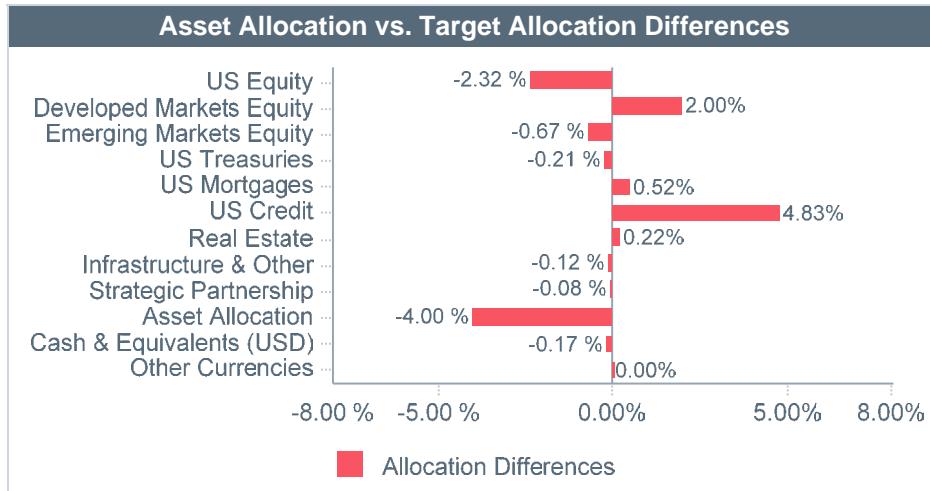
As of March 31, 2020

Composite: Total Fund

Asset Alloc. by Asset Class, Asset Alloc. vs. Target, and Schedule of Investable Assets

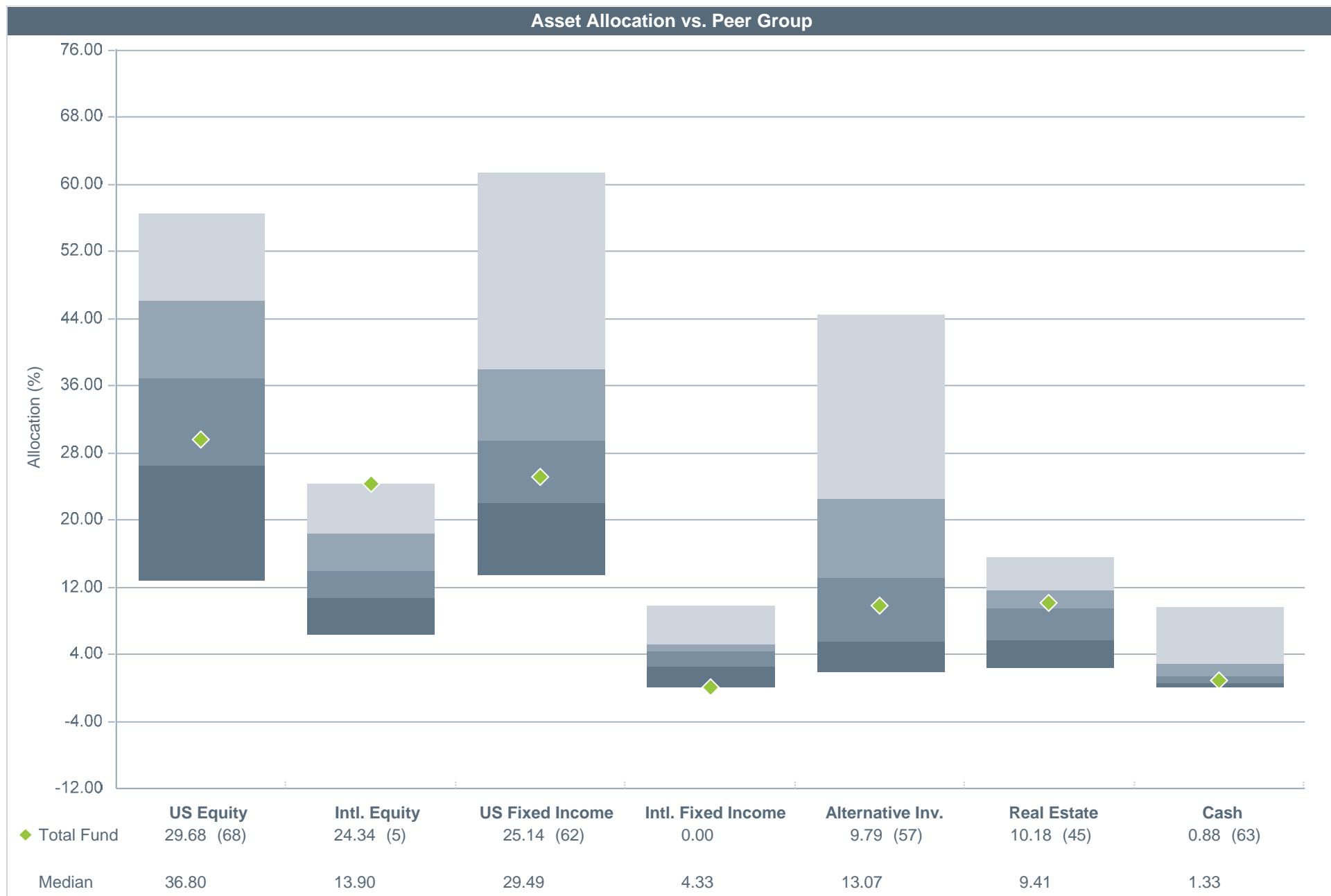
Schedule of Investable Assets					
Periods Ending	Beginning Market Value (\$)	Net Cash Flow (\$)	Gain/Loss (\$)	Ending Market Value (\$)	% Return
CYTD	2,914,826,282	-12,123,635	-445,904,909	2,456,797,738	-15.34
1 Year	2,661,693,292	-35,895,740	-168,999,814	2,456,797,738	-6.48
3 Years	2,392,698,429	-99,675,706	163,775,015	2,456,797,738	2.16

Asset Allocation vs. Target Allocation					
	Market Value (\$)	Allocation (%)	Target (%)	Min. (%)	Max. (%)
Total Fund	2,456,797,738	100.00	100.00	-	-
US Equity	729,169,970	29.68	32.00	27.00	37.00
Developed Markets Equity	417,765,220	17.00	15.00	12.50	17.50
Emerging Markets Equity	180,100,575	7.33	8.00	5.50	12.50
US Treasuries	289,709,291	11.79	12.00	10.00	20.00
US Mortgages	111,010,348	4.52	4.00	3.00	6.00
US Credit	216,853,095	8.83	4.00	2.50	7.00
Real Estate	251,088,278	10.22	10.00	7.00	13.00
Infrastructure & Other	119,873,408	4.88	5.00	1.00	7.00
Strategic Partnership	120,872,262	4.92	5.00	3.50	7.50
Asset Allocation	-	0.00	4.00	3.50	6.50
Cash & Equivalents (USD)	20,355,290	0.83	1.00	0.00	5.00
Other Currencies	-	0.00	0.00	0.00	1.00



Performance shown is net of fees. Allocations shown may not sum up to 100% exactly due to rounding. Performance is annualized for periods greater than one year.

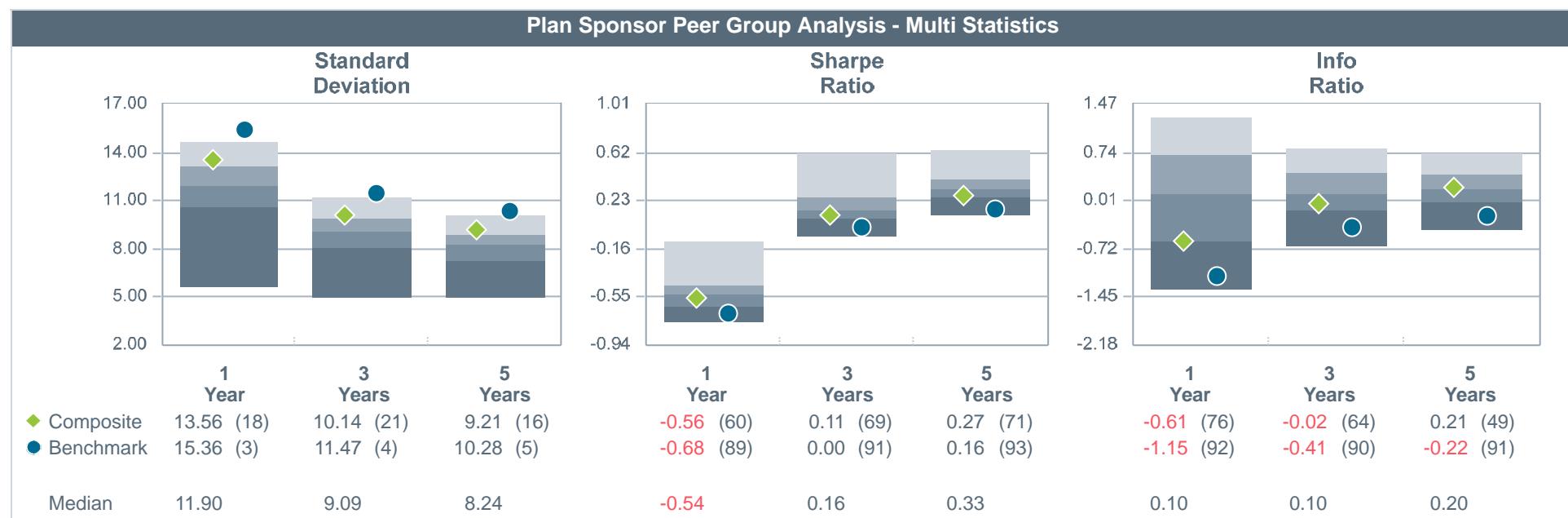
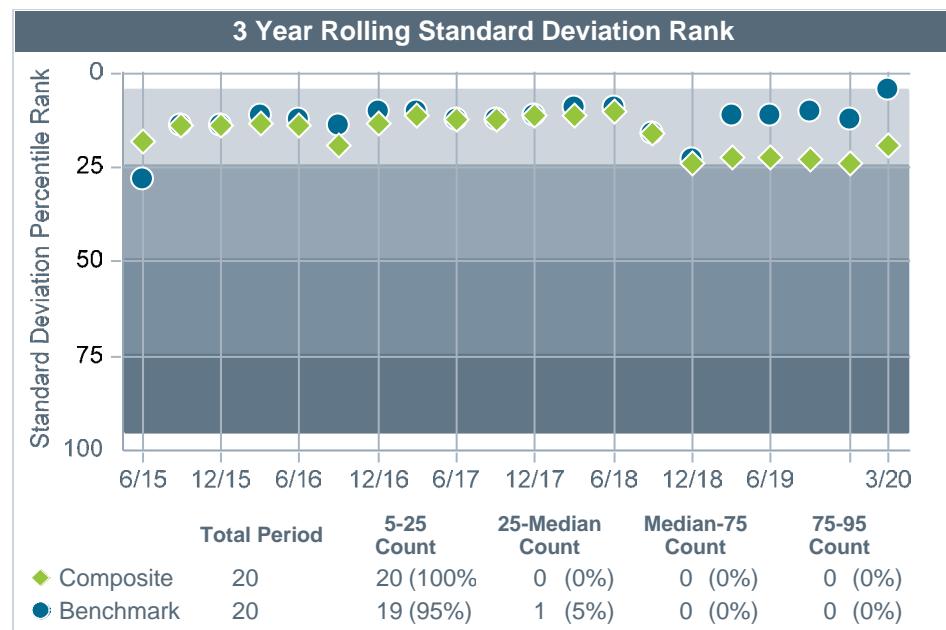
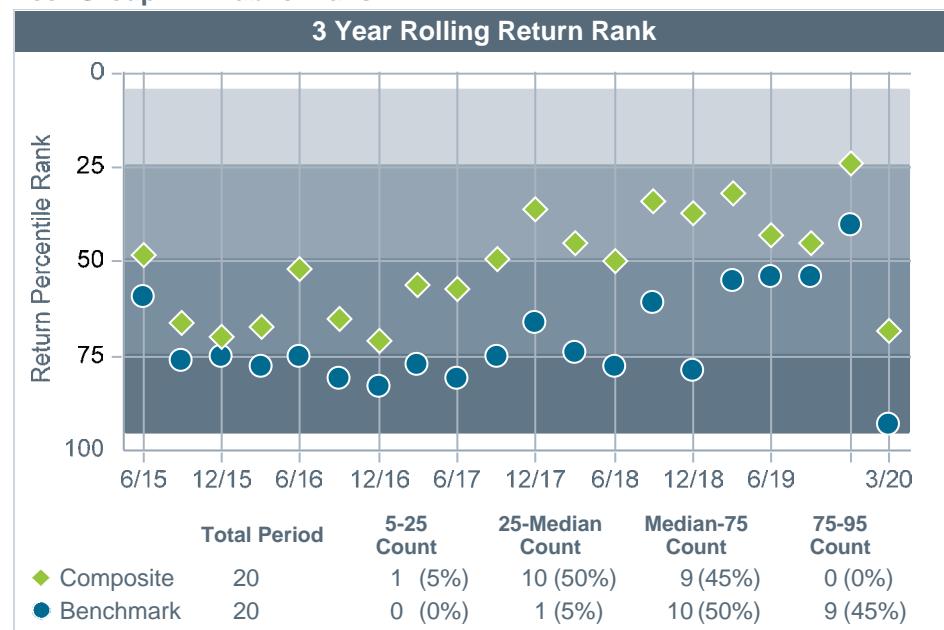
Target allocations shown represent those approved at March 2020 Board Meeting.



Allocations shown may not sum up to 100% exactly due to rounding. Parentheses contain percentile ranks.

Composite: Total Fund
 Benchmark: Policy Index
 Peer Group: All Public Plans

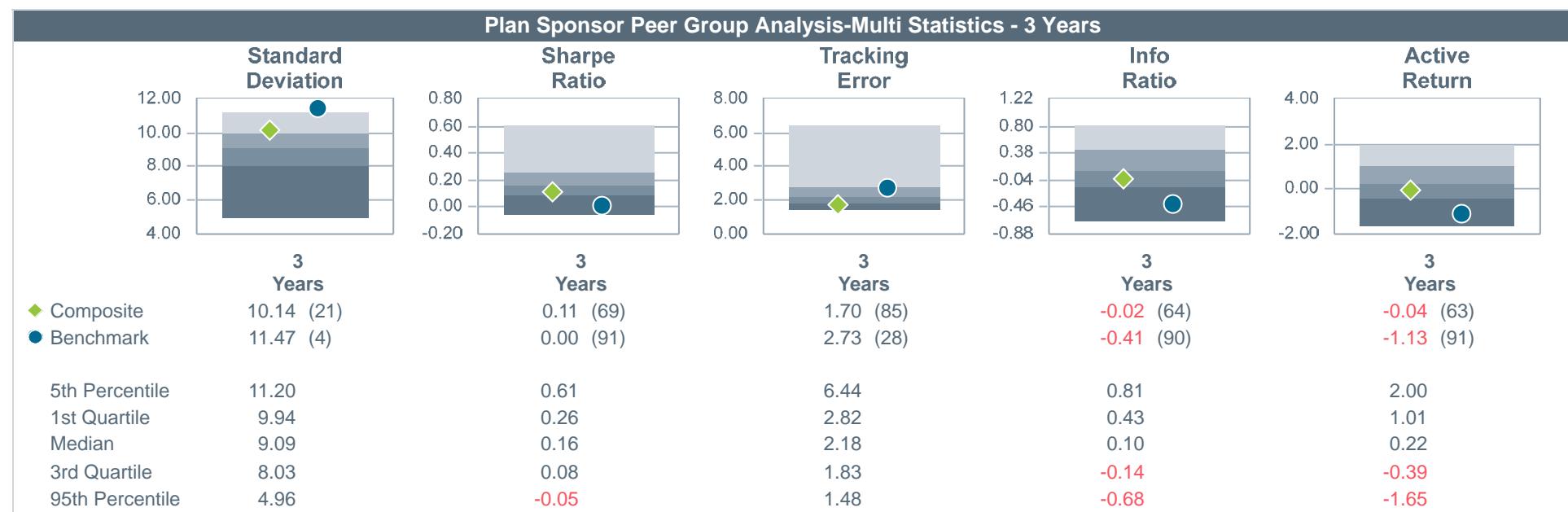
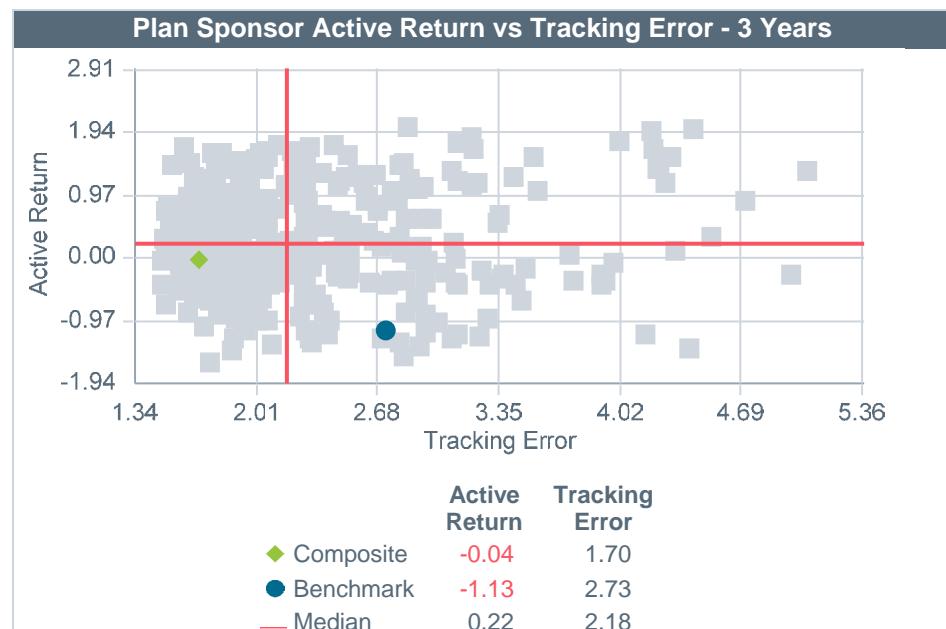
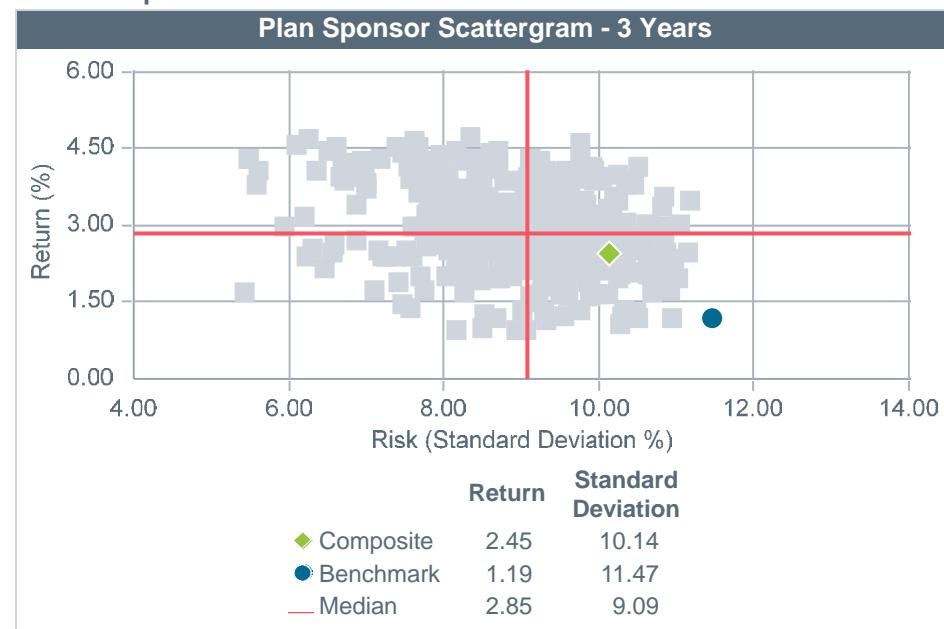
As of March 31, 2020



Performance shown is gross of fees. Calculation is based on monthly periodicity. Information Ratio shown is relative to the Passive Index.

Composite: Total Fund
Benchmark: Policy Index
Peer Group: All Public Plans - Total Fund

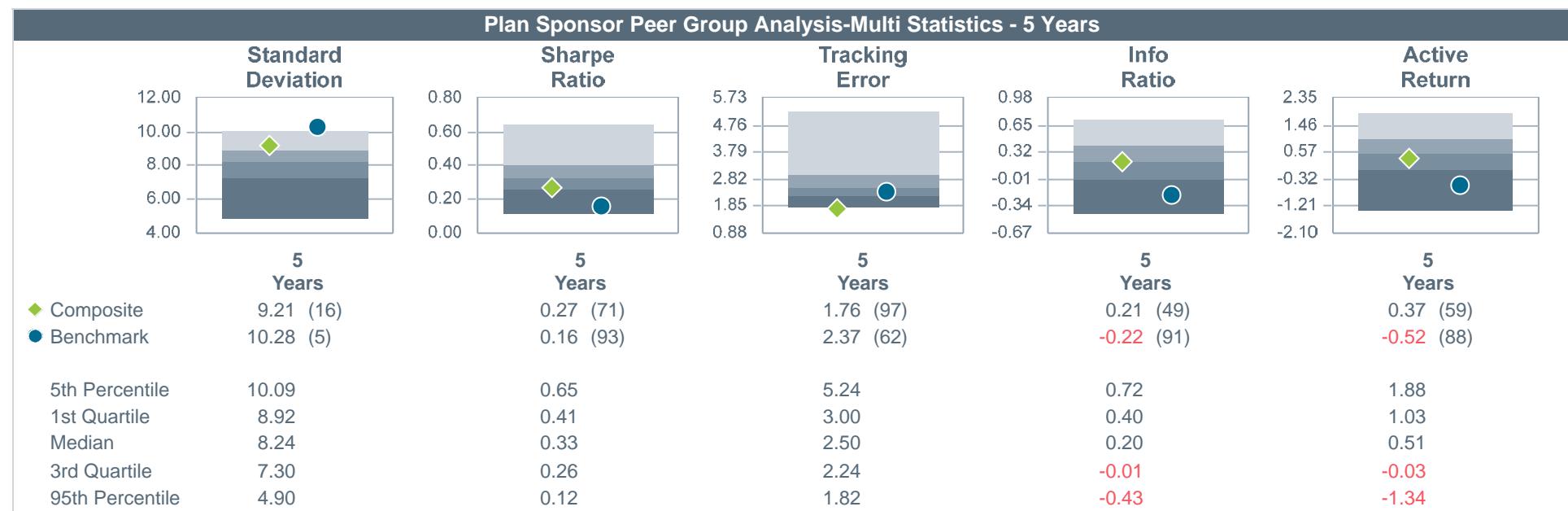
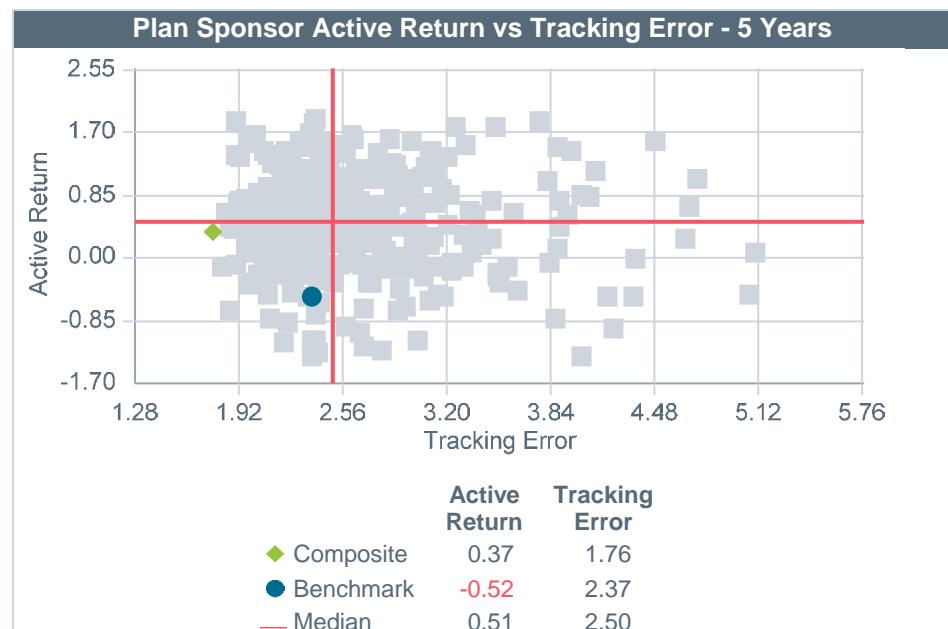
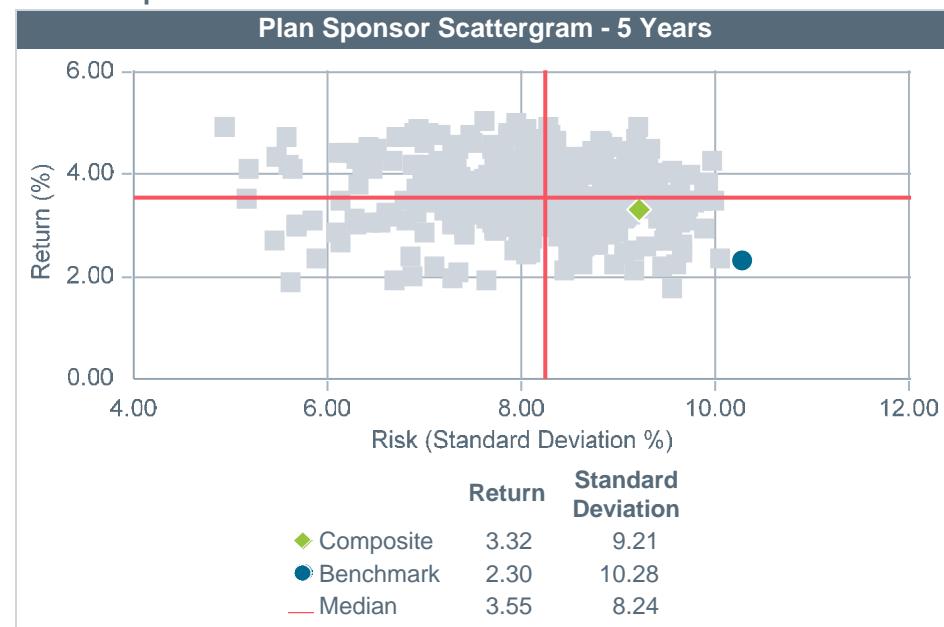
As of March 31, 2020



Performance shown is gross of fees. Calculation is based on monthly periodicity. Parentheses contain percentile ranks. Active Return, Tracking Error, and Information Ratio shown are relative to the Passive Index.

Composite: Total Fund
 Benchmark: Policy Index
 Peer Group: All Public Plans - Total Fund

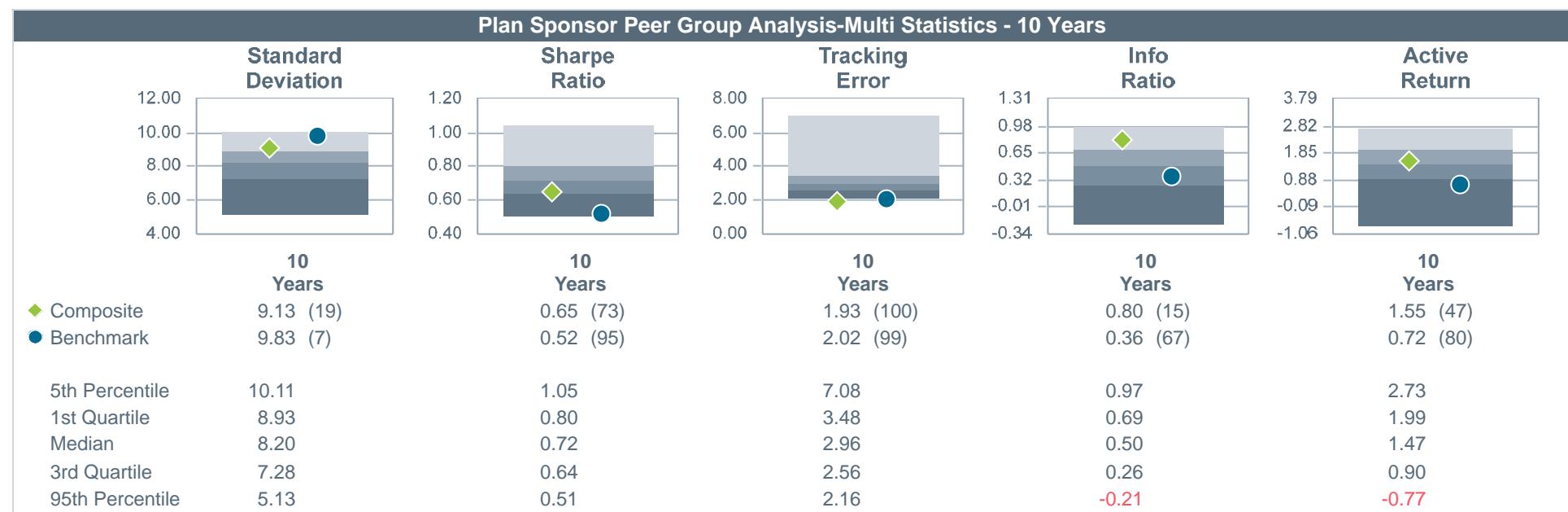
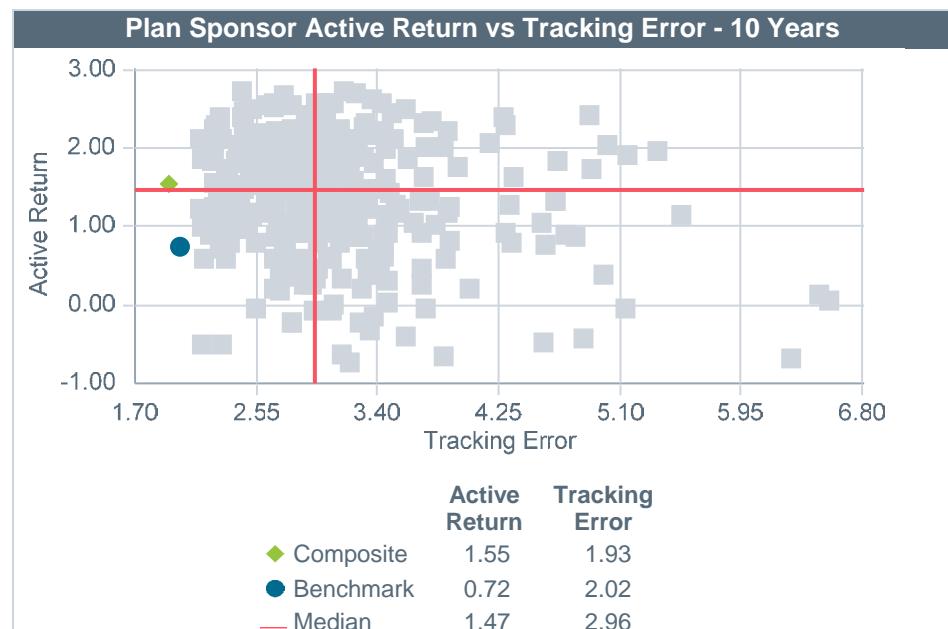
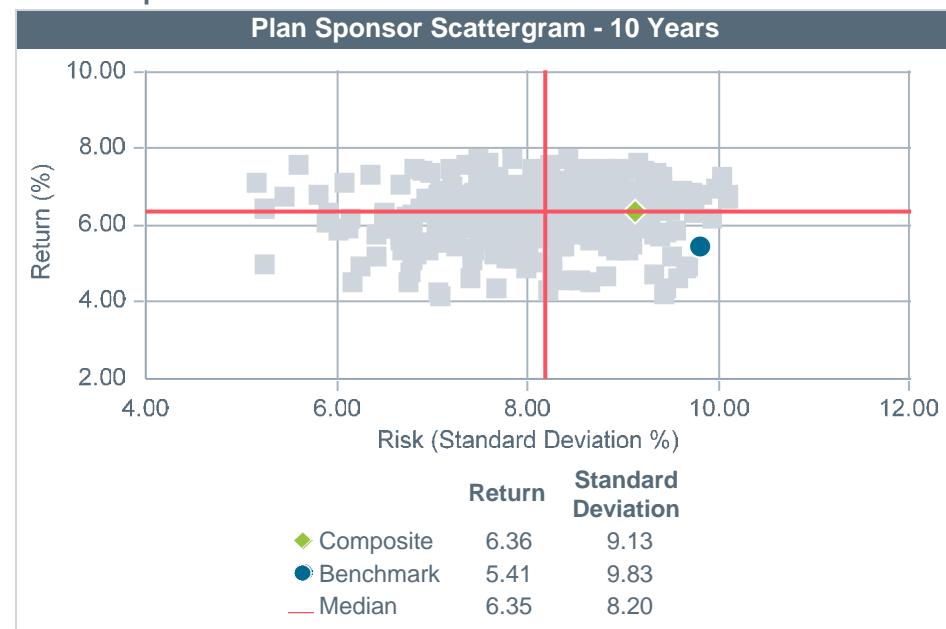
As of March 31, 2020



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Composite: Total Fund
Benchmark: Policy Index
Peer Group: All Public Plans - Total Fund

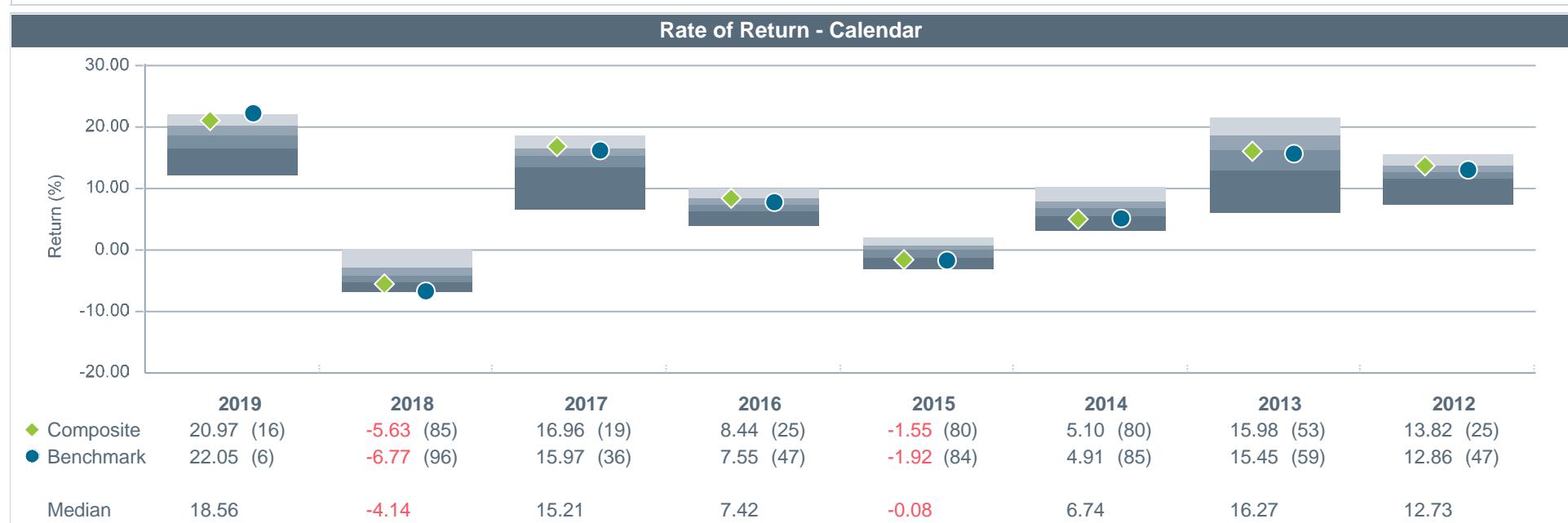
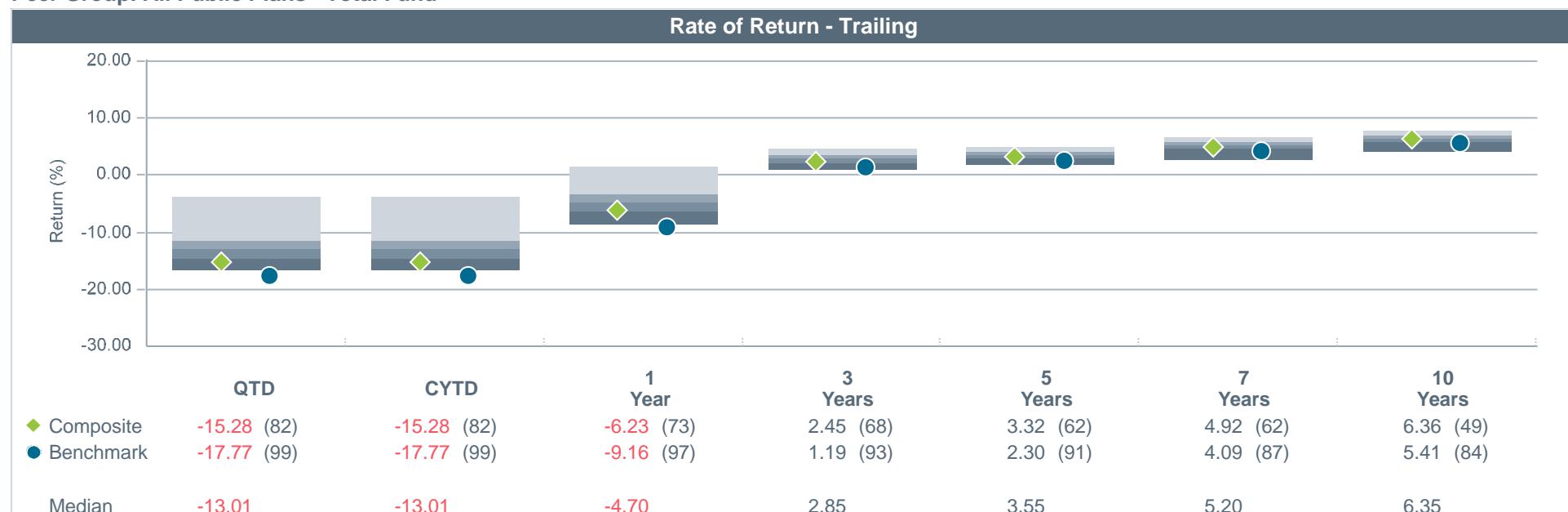
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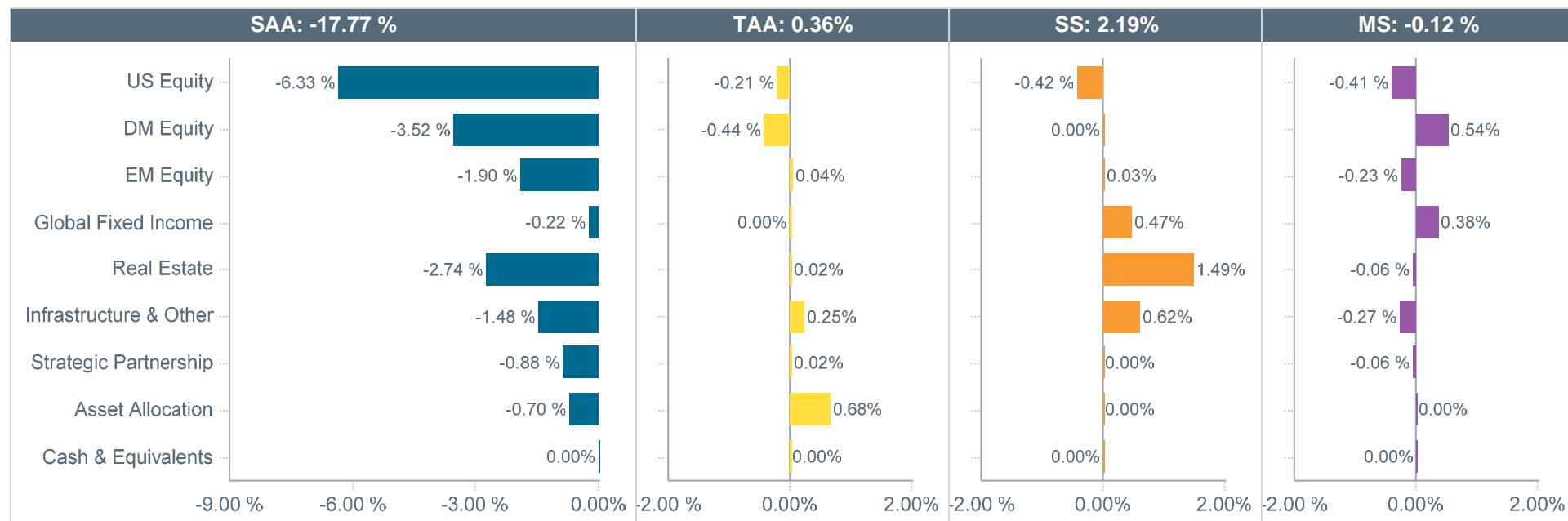
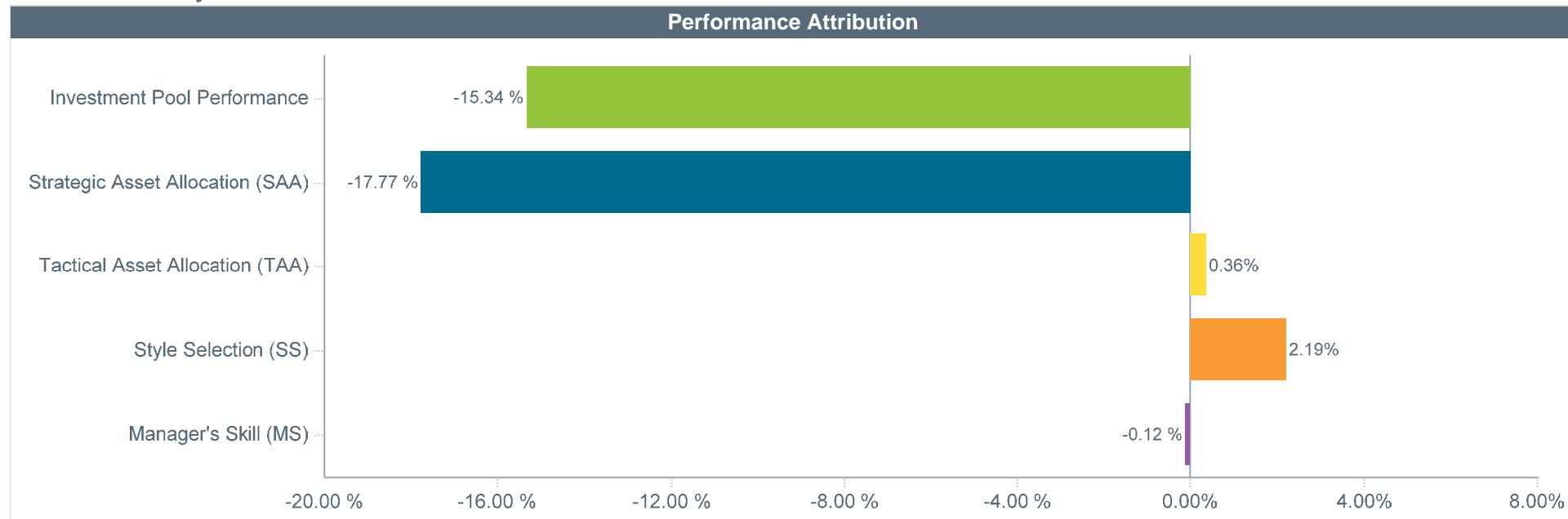
Composite: Total Fund
Benchmark: Policy Index
Peer Group: All Public Plans - Total Fund

As of March 31, 2020

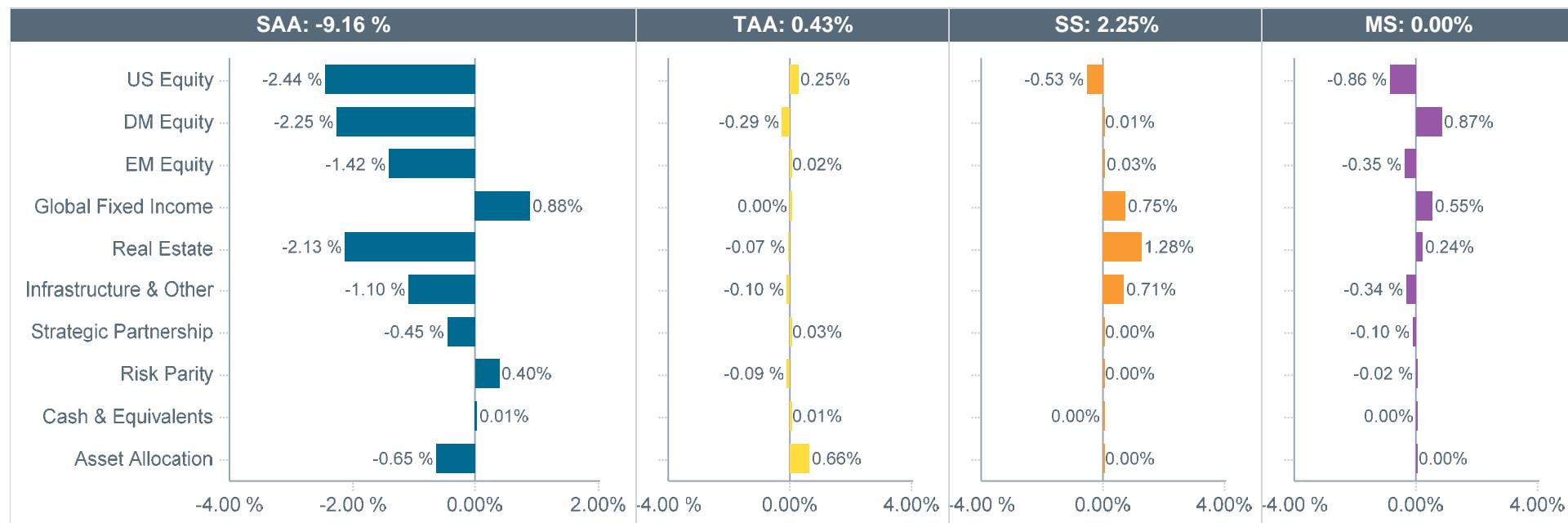
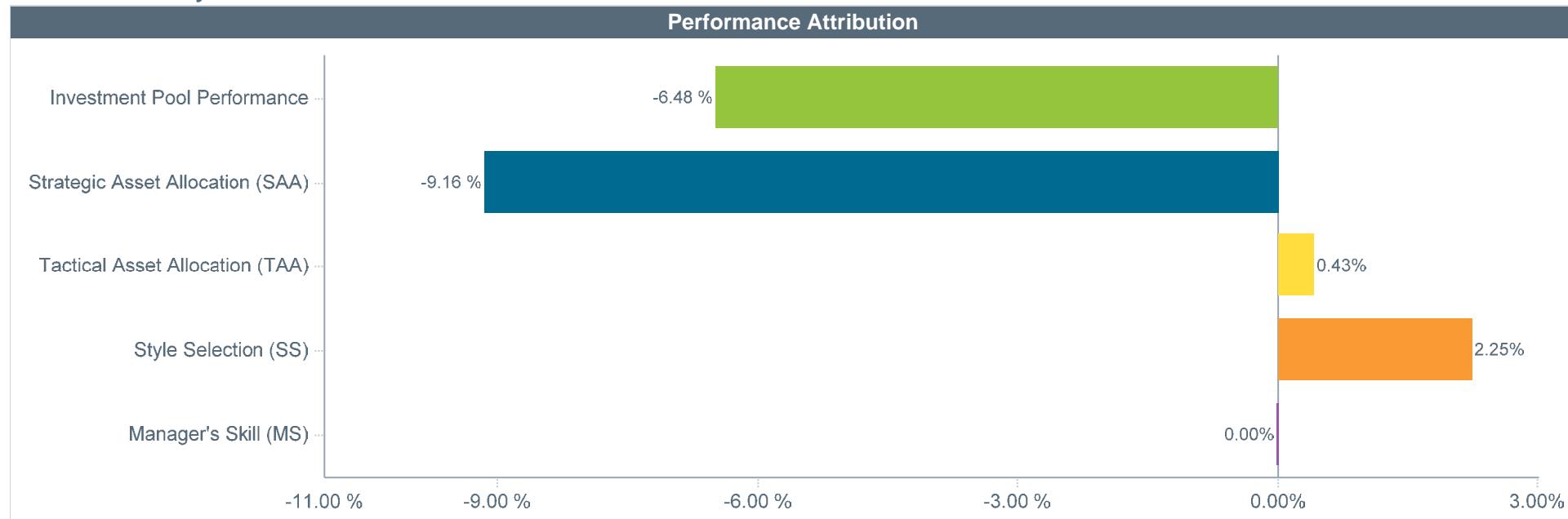


Performance shown is gross of fees and is annualized for periods greater than one year. Calculation is based on monthly periodicity. Parentheses contain percentile ranks.

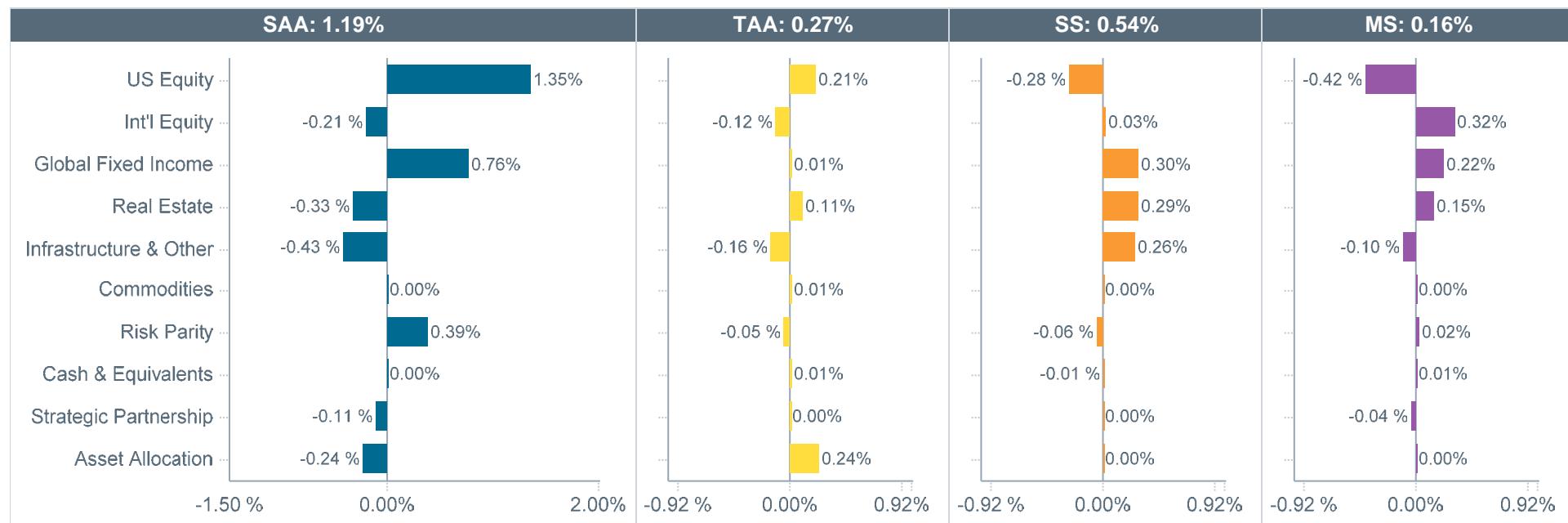
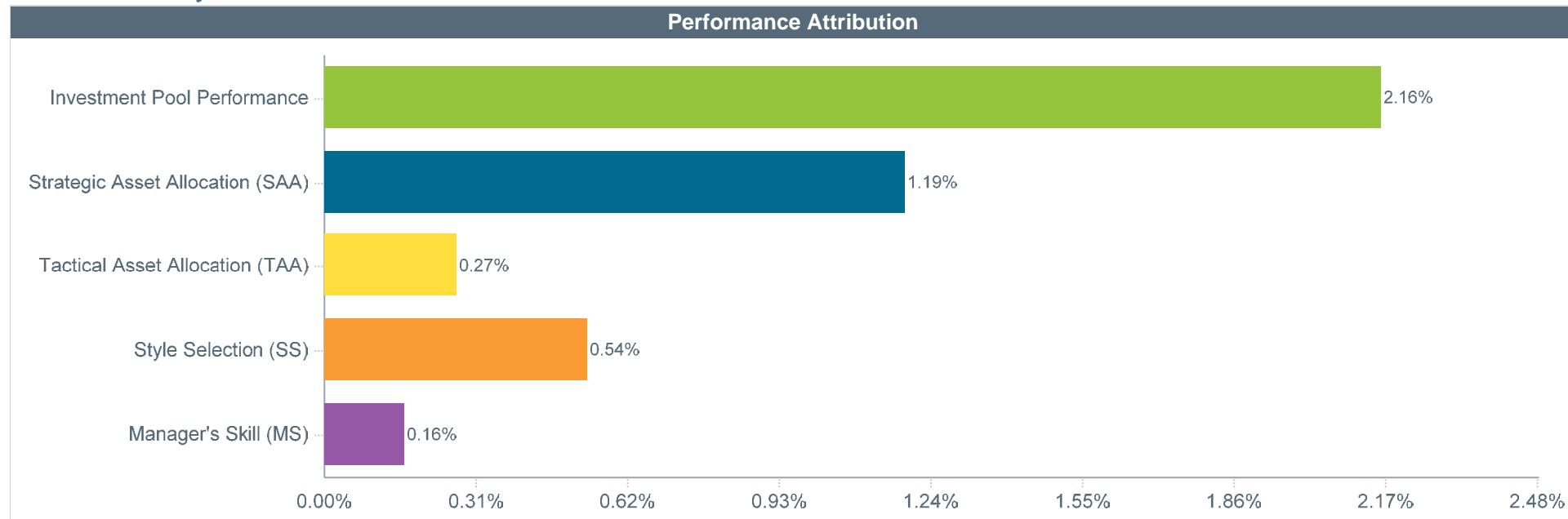




Performance shown is net of fees. Calculation is based on monthly periodicity. See Glossary for additional information regarding the Total Fund Attribution - IDP calculation.



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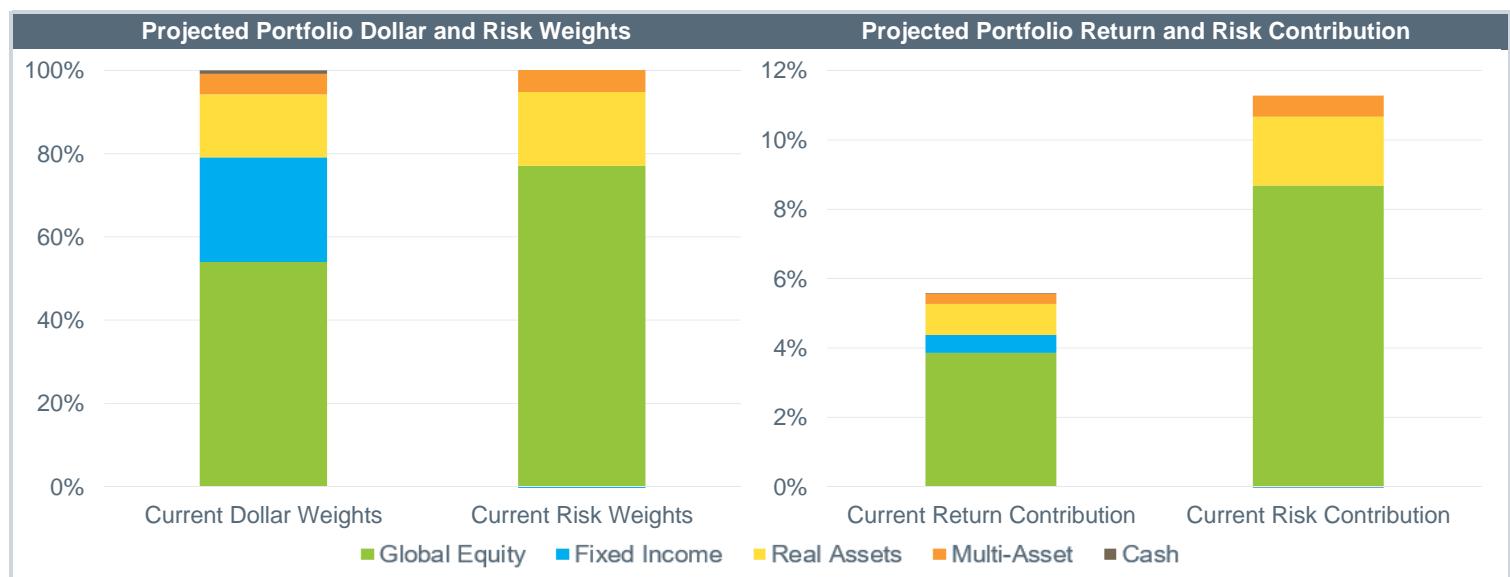
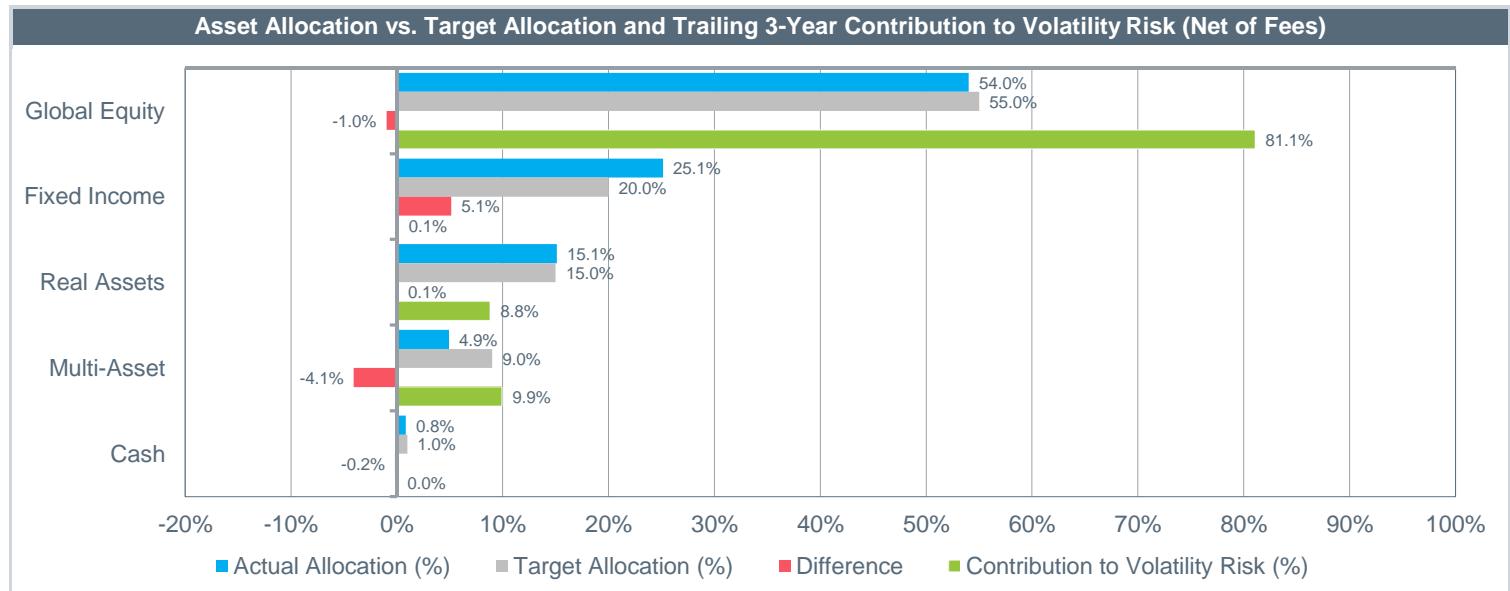


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City of Austin Employees' Retirement System

Risk Analysis

As of March 31, 2020



Risk and Return Sources by Asset Class										
Asset Class	Current \$ Weight (%)	Target \$ Weight (%)	Current Proj Return (%)	Current Proj Risk (%)	Current Risk Weight (%)	Target Risk Weight (%)	Current Proj Return Contrib (%)	Current Proj Risk Contrib (%)	Current Proj Ret/Risk Contrib	
Global Equity	54.01	55.00	7.14	16.35	77.14	74.47	3.86	8.68	0.44	
Fixed Income	25.14	20.00	2.05	6.43	-0.24	-0.52	0.52	-0.03	-18.73	
Real Assets	15.10	15.00	5.97	14.97	17.66	16.64	0.90	1.99	0.45	
Multi-Asset	4.92	9.00	6.02	12.50	5.45	9.42	0.30	0.61	0.48	
Cash	0.83	1.00	1.48	2.00	0.00	0.00	0.01	0.00	N/A	
Total Fund	100.00	100.00	5.89	11.25	100.00	100.00	5.58	11.25	0.50	

Projected asset class risk and return figures shown are based on RVK 2020Q1 Capital Markets Assumptions.
Projected returns are shown on a compound basis.

**Composite: Total Fund
Asset Allocation & Performance - Net of Fees**

As of March 31, 2020

	Allocation		Rate of Return (%)								
	Market Value (\$)	%	QTD	CYTD	1 Year	3 Years	5 Years	10 Years	Since Incep.	Inception Date	
Total Fund	2,456,797,738	100.00	-15.34	-15.34	-6.48	2.16	2.97	5.98	9.34	06/01/1982	
Policy Index			-17.77	-17.77	-9.16	1.19	2.30	5.41	N/A		
Excess Return			2.43	2.43	2.68	0.97	0.67	0.57	N/A		
Passive Index			-13.29	-13.29	-4.94	2.58	2.99	4.72	N/A		
Excess Return			-2.05	-2.05	-1.54	-0.42	-0.02	1.26	N/A		
Global Equity	1,327,035,765	54.01	-22.09	-22.09	-12.44	1.20	2.68	6.51	8.28	06/01/1988	
MSCI ACW IM Index (USD) (Net)			-22.44	-22.44	-12.73	0.76	2.45	5.80	N/A		
Excess Return			0.35	0.35	0.29	0.44	0.23	0.71	N/A		
US Equity	729,169,970	29.68	-22.13	-22.13	-11.61	2.51	3.99	9.19	9.84	06/01/1988	
US Equity Index			-19.77	-19.77	-7.83	4.49	6.07	10.31	9.82		
Excess Return			-2.36	-2.36	-3.78	-1.98	-2.08	-1.12	0.02		
US Large Cap Equity	664,167,943	27.03	-21.31	-21.31	-10.13	3.49	4.64	9.76	5.81	12/01/1997	
S&P 500 Index (Cap Wtd)			-19.60	-19.60	-6.98	5.10	6.73	10.53	6.55		
Excess Return			-1.71	-1.71	-3.15	-1.61	-2.09	-0.77	-0.74		
US Small Cap Equity	65,002,028	2.65	-29.62	-29.62	-22.84	-3.94	0.29	6.50	7.14	12/01/1997	
Non-Large Cap Equity Index			-30.61	-30.61	-23.99	-4.64	-0.04	7.44	7.06		
Excess Return			0.99	0.99	1.15	0.70	0.33	-0.94	0.08		
International Equity	597,865,795	24.34	-22.05	-22.05	-13.54	-0.45	1.09	3.60	7.05	10/01/1992	
International Equity Index			-23.36	-23.36	-15.57	-1.96	-0.64	2.05	4.67		
Excess Return			1.31	1.31	2.03	1.51	1.73	1.55	2.38		
Developed Markets Equity	417,765,220	17.00	-20.20	-20.20	-9.80	0.94	2.21	4.96	3.05	01/01/2008	
MSCI Wrld Ex US Index (USD) (Net)			-23.26	-23.26	-14.89	-2.07	-0.76	2.43	-0.23		
Excess Return			3.06	3.06	5.09	3.01	2.97	2.53	3.28		
Emerging Markets Equity	180,100,575	7.33	-26.06	-26.06	-21.17	-3.06	-1.10	-0.08	-0.83	03/01/2008	
MSCI Emerging Markets Index (USD) (Net)			-23.60	-23.60	-17.69	-1.62	-0.37	0.69	-0.24		
Excess Return			-2.46	-2.46	-3.48	-1.44	-0.73	-0.77	-0.59		

Performance shown is net of fees and is annualized for periods greater than one year. Indices show N/A for since inception returns when the fund contains more history than the corresponding benchmark.

**Composite: Total Fund
Asset Allocation & Performance - Net of Fees**

As of March 31, 2020

	Allocation			Rate of Return (%)						
	Market Value (\$)	%	QTD	CYTD	1 Year	3 Years	5 Years	10 Years	Since Incep.	Inception Date
Global Fixed Income	617,572,734	25.14	4.44	4.44	11.23	5.63	3.92	4.26	6.02	02/01/1991
Global Fixed Income Index			-0.33	-0.33	4.20	3.10	2.33	3.37	5.66	
Excess Return			4.77	4.77	7.03	2.53	1.59	0.89	0.36	
US Treasuries	289,709,291	11.79	14.22	14.22	N/A	N/A	N/A	N/A	24.06	05/01/2019
Bloomberg US Trsy Index			8.20	8.20	13.23	5.82	3.64	3.83	13.55	
Excess Return			6.02	6.02	N/A	N/A	N/A	N/A	10.51	
US Mortgages	111,010,348	4.52	2.83	2.83	N/A	N/A	N/A	N/A	4.26	08/01/2019
Bloomberg US MBS Index (Unhgd)			2.82	2.82	7.03	4.04	2.94	3.28	4.55	
Excess Return			0.01	0.01	N/A	N/A	N/A	N/A	-0.29	
US Credit	216,853,095	8.83	-5.60	-5.60	N/A	N/A	N/A	N/A	-1.47	08/01/2019
Bloomberg US Crdt Index			-3.14	-3.14	5.10	4.19	3.28	4.75	0.27	
Excess Return			-2.46	-2.46	N/A	N/A	N/A	N/A	-1.74	
Real Assets	370,961,686	15.10	-14.84	-14.84	-8.99	0.26	2.89	8.50	5.28	09/01/2004
Real Assets Index			-27.99	-27.99	-21.42	-3.39	-0.53	6.12	6.47	
Excess Return			13.15	13.15	12.43	3.65	3.42	2.38	-1.19	
Real Estate	251,088,278	10.22	-12.98	-12.98	-7.34	2.72	5.90	10.20	6.34	09/01/2004
Real Estate Index			-27.30	-27.30	-21.26	-1.84	2.56	7.53	6.94	
Excess Return			14.32	14.32	13.92	4.56	3.34	2.67	-0.60	
Infrastructure & Other	119,873,408	4.88	-21.57	-21.57	N/A	N/A	N/A	N/A	-21.57	01/01/2020
S&P Gbl Infrastructure Index (Net)			-29.31	-29.31	-21.91	-4.16	-1.29	3.28	-29.31	
Excess Return			7.74	7.74	N/A	N/A	N/A	N/A	7.74	
Multi-Asset	120,872,262	4.92	-18.83	-18.83	-9.53	0.60	0.42	N/A	1.62	02/01/2014
Policy Index			-17.77	-17.77	-9.16	1.19	2.30	5.41	3.36	
Excess Return			-1.06	-1.06	-0.37	-0.59	-1.88	N/A	-1.74	
Strategic Partnership	120,872,262	4.92	-18.83	-18.83	-10.90	N/A	N/A	N/A	-4.68	07/01/2018
Policy Index			-17.77	-17.77	-9.16	1.19	2.30	5.41	-3.55	
Excess Return			-1.06	-1.06	-1.74	N/A	N/A	N/A	-1.13	
Cash & Equivalents	20,355,290	0.83	0.41	0.41	2.06	6.37	N/A	N/A	3.69	07/01/2017
Bloomberg US T-Bills 1-3 Mo Index			0.47	0.47	2.08	1.74	1.12	0.59	1.82	
Excess Return			-0.06	-0.06	-0.02	4.63	N/A	N/A	1.87	

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**Composite: Total Fund
Asset Allocation & Performance - Net of Fees**

As of March 31, 2020

	Allocation			Rate of Return (%)						
	Market Value (\$)	%	QTD	CYTD	1 Year	3 Years	5 Years	10 Years	Since Incep.	Inception Date
US Equity										
BNYM Dynamic US Equity NL (CF)	141,684,104	5.77	-17.26	-17.26	-1.69	N/A	N/A	N/A	3.98	05/01/2018
S&P 500 Index (Cap Wtd)			-19.60	-19.60	-6.98	5.10	6.73	10.53	0.76	
Excess Return			2.34	2.34	5.29	N/A	N/A	N/A	3.22	
IM U.S. Large Cap Core Equity (MF) Median			-19.85	-19.85	-8.37	3.80	5.23	9.19	-0.83	
Rank			15	15	7	N/A	N/A	N/A	7	
L&G S&P 500 Index NL (CIT)	111,901,203	4.55	-19.60	-19.60	N/A	N/A	N/A	N/A	-10.69	09/01/2019
S&P 500 Index (Cap Wtd)			-19.60	-19.60	-6.98	5.10	6.73	10.53	-10.66	
Excess Return			0.00	0.00	N/A	N/A	N/A	N/A	-0.03	
IM U.S. Large Cap Core Equity (MF) Median			-19.85	-19.85	-8.37	3.80	5.23	9.19	-11.58	
Rank			44	44	N/A	N/A	N/A	N/A	36	
NISA S&P 500 Futures (SA)	157,073,651	6.39	N/A	N/A	N/A	N/A	N/A	N/A	-19.75	02/01/2020
S&P 500 Index (Cap Wtd)			-19.60	-19.60	-6.98	5.10	6.73	10.53	-19.57	
Excess Return			N/A	N/A	N/A	N/A	N/A	N/A	-0.18	
IM U.S. Large Cap Core Equity (MF) Median			-19.85	-19.85	-8.37	3.80	5.23	9.19	-19.75	
Rank			N/A	N/A	N/A	N/A	N/A	N/A	50	
SciBeta US 4F EW MBMS Index (SA)	124,514,829	5.07	-23.96	-23.96	-13.99	1.23	N/A	N/A	5.53	10/01/2015
Russell 1000 Index			-20.22	-20.22	-8.03	4.64	6.22	10.39	8.60	
Excess Return			-3.74	-3.74	-5.96	-3.41	N/A	N/A	-3.07	
IM U.S. Large Cap Core Equity (MF) Median			-19.85	-19.85	-8.37	3.80	5.23	9.19	7.58	
Rank			88	88	93	87	N/A	N/A	85	
SciBeta US 6F EW MBMS HFI Index (SA)	128,994,142	5.25	-23.27	-23.27	-13.31	N/A	N/A	N/A	-4.82	07/01/2018
Russell 1000 Index			-20.22	-20.22	-8.03	4.64	6.22	10.39	-1.69	
Excess Return			-3.05	-3.05	-5.28	N/A	N/A	N/A	-3.13	
IM U.S. Large Cap Core Equity (MF) Median			-19.85	-19.85	-8.37	3.80	5.23	9.19	-2.37	
Rank			86	86	90	N/A	N/A	N/A	80	
L&G Russell 2000 Index (CIT)	47,677,555	1.94	-30.61	-30.61	-23.92	-4.56	N/A	N/A	-3.70	02/01/2017
Russell 2000 Index			-30.61	-30.61	-23.99	-4.64	-0.25	6.90	-3.78	
Excess Return			0.00	0.00	0.07	0.08	N/A	N/A	0.08	
IM U.S. Small Cap Core Equity (MF) Median			-32.66	-32.66	-26.14	-6.85	-1.80	5.81	-6.04	
Rank			28	28	30	20	N/A	N/A	19	

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**Composite: Total Fund
Asset Allocation & Performance - Net of Fees**

As of March 31, 2020

	Allocation			Rate of Return (%)						
	Market Value (\$)	%	QTD	CYTD	1 Year	3 Years	5 Years	10 Years	Since Incep.	Inception Date
NISA Russell 2000 Futures (SA)	17,324,473	0.71	N/A	N/A	N/A	N/A	N/A	N/A	-28.59	02/01/2020
Russell 2000 Index			-30.61	-30.61	-23.99	-4.64	-0.25	6.90	-28.32	
Excess Return			N/A	N/A	N/A	N/A	N/A	N/A	-0.27	
IM U.S. Small Cap Core Equity (MF) Median			-32.66	-32.66	-26.14	-6.85	-1.80	5.81	-29.95	
Rank			N/A	N/A	N/A	N/A	N/A	N/A	30	
Developed Markets Equity										
Walter Scott Dev Mkts Int'l Equity (SA)	174,780,380	7.11	-13.11	-13.11	-0.23	7.05	6.29	6.42	8.02	10/01/1992
MSCI EAFE Index (USD) (Net)			-22.83	-22.83	-14.38	-1.82	-0.62	2.72	4.90	
Excess Return			9.72	9.72	14.15	8.87	6.91	3.70	3.12	
IM All EAFE (MF) Median			-23.02	-23.02	-15.06	-2.67	-1.28	2.31	5.49	
Rank			1	1	1	1	1	5	1	
1607 Capital Partners Int'l Equity EAFE (SA)	106,429,553	4.33	-25.09	-25.09	-15.30	-1.29	0.39	N/A	4.95	08/01/2010
90% MSCI EAFE/10% MSCI EM Index			-22.89	-22.89	-14.69	-1.78	-0.55	2.55	3.22	
Excess Return			-2.20	-2.20	-0.61	0.49	0.94	N/A	1.73	
IM International Core Equity (MF) Median			-24.18	-24.18	-16.70	-3.39	-1.57	2.09	2.74	
Rank			66	66	35	13	9	N/A	7	
SciBeta DM ex US 4F EW MBMS Index (SA)	44,616,889	1.82	-24.62	-24.62	-17.34	N/A	N/A	N/A	-13.55	08/01/2018
MSCI EAFE Index (USD) (Net)			-22.83	-22.83	-14.38	-1.82	-0.62	2.72	-11.57	
Excess Return			-1.79	-1.79	-2.96	N/A	N/A	N/A	-1.98	
IM All EAFE (MF) Median			-23.02	-23.02	-15.06	-2.67	-1.28	2.31	-12.28	
Rank			67	67	67	N/A	N/A	N/A	57	
BNYM DB Dynamic Global Ex US Eq (CF)	43,691,333	1.78	-21.91	-21.91	N/A	N/A	N/A	N/A	-12.73	09/01/2019
MSCI ACW Ex US Index (USD) (Net)			-23.36	-23.36	-15.57	-1.96	-0.64	2.05	-14.37	
Excess Return			1.45	1.45	N/A	N/A	N/A	N/A	1.64	
IM ACWI Ex US Core (MF) Median			-23.64	-23.64	-15.14	-2.40	-0.99	2.34	-14.63	
Rank			21	21	N/A	N/A	N/A	N/A	29	
NISA EAFE Futures (SA)	19,235,206	0.78	N/A	N/A	N/A	N/A	N/A	N/A	-20.48	02/01/2020
MSCI EAFE Index (USD) (Net)			-22.83	-22.83	-14.38	-1.82	-0.62	2.72	-21.18	
Excess Return			N/A	N/A	N/A	N/A	N/A	N/A	0.70	
IM All EAFE (MF) Median			-23.02	-23.02	-15.06	-2.67	-1.28	2.31	-21.10	
Rank			N/A	N/A	N/A	N/A	N/A	N/A	41	

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**Composite: Total Fund
Asset Allocation & Performance - Net of Fees**

As of March 31, 2020

	Allocation			Rate of Return (%)						
	Market Value (\$)	%	QTD	CYTD	1 Year	3 Years	5 Years	10 Years	Since Incep.	Inception Date
NT MSCI World Ex US Small Cap Index (CF)	29,011,859	1.18	-27.85	-27.85	-18.25	N/A	N/A	N/A	-15.82	08/01/2018
MSCI Wrld Ex US Sm Cap Index (USD) (Net)			-28.39	-28.39	-19.04	-3.60	0.39	3.95	-16.37	
Excess Return			0.54	0.54	0.79	N/A	N/A	N/A	0.55	
IM International SMID Cap Equity (MF) Median			-27.64	-27.64	-18.58	-3.44	-0.38	4.52	-17.82	
Rank			54	54	50	N/A	N/A	N/A	41	
Emerging Markets Equity										
Baillie Gifford EM Equity Class 3 (MF)	95,879,491	3.90	-26.50	-26.50	-17.93	1.76	N/A	N/A	3.72	10/01/2016
MSCI Emerging Markets Index (USD) (Net)			-23.60	-23.60	-17.69	-1.62	-0.37	0.69	0.48	
Excess Return			-2.90	-2.90	-0.24	3.38	N/A	N/A	3.24	
IM Emerging Markets Equity (MF) Median			-24.82	-24.82	-18.26	-3.02	-1.13	0.37	-0.94	
Rank			68	68	48	8	N/A	N/A	6	
L&G SciBeta Emerging Mkts 4F EW MBMS CN Index (CIT)	65,164,635	2.65	-26.26	-26.26	-25.30	-6.94	N/A	N/A	-4.85	02/01/2017
MSCI Emerging Markets Index (USD) (Net)			-23.60	-23.60	-17.69	-1.62	-0.37	0.69	0.19	
Excess Return			-2.66	-2.66	-7.61	-5.32	N/A	N/A	-5.04	
IM Emerging Markets Equity (MF) Median			-24.82	-24.82	-18.26	-3.02	-1.13	0.37	-1.17	
Rank			66	66	88	87	N/A	N/A	86	
NISA EM Futures (SA)	19,056,448	0.78	N/A	N/A	N/A	N/A	N/A	N/A	-18.96	02/01/2020
MSCI Emerging Markets Index (USD) (Net)			-23.60	-23.60	-17.69	-1.62	-0.37	0.69	-19.86	
Excess Return			N/A	N/A	N/A	N/A	N/A	N/A	0.90	
IM Emerging Markets Equity (MF) Median			-24.82	-24.82	-18.26	-3.02	-1.13	0.37	-21.04	
Rank			N/A	N/A	N/A	N/A	N/A	N/A	17	
Fixed Income										
Agincourt 1-3 Year Treasury (SA)	64,740,860	2.64	2.87	2.87	N/A	N/A	N/A	N/A	5.33	05/01/2019
Bloomberg US Trsy 1-3 Yr Index			2.76	2.76	5.41	2.69	1.84	1.44	5.19	
Excess Return			0.11	0.11	N/A	N/A	N/A	N/A	0.14	
IM U.S. Short Term Treasury/Govt Bonds (MF) Median			1.93	1.93	4.04	2.13	1.46	1.26	3.82	
Rank			11	11	N/A	N/A	N/A	N/A	10	
Agincourt 1-5 Yr US TIPS (SA)	29,976,769	1.22	-0.24	-0.24	N/A	N/A	N/A	N/A	-0.24	01/01/2020
Bloomberg US TIPS 1-5 Yr Index			-0.73	-0.73	2.51	1.56	1.60	1.56	-0.73	
Excess Return			0.49	0.49	N/A	N/A	N/A	N/A	0.49	
IM U.S. TIPS (MF) Median			-0.10	-0.10	4.28	2.18	1.66	2.53	-0.10	
Rank			51	51	N/A	N/A	N/A	N/A	51	

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**Composite: Total Fund
Asset Allocation & Performance - Net of Fees**

As of March 31, 2020

	Allocation			Rate of Return (%)						
	Market Value (\$)	%	QTD	CYTD	1 Year	3 Years	5 Years	10 Years	Since Incep.	Inception Date
Agincourt 10 Year Treasury (SA)	59,645,010	2.43	12.09	12.09	N/A	N/A	N/A	N/A	19.29	05/01/2019
Bloomberg US Trsy Bellwethers 10 Yr Index			11.93	11.93	18.26	7.30	4.10	5.27	18.95	
Excess Return			0.16	0.16	N/A	N/A	N/A	N/A	0.34	
IM U.S. Intermediate Government (MF) Median			4.80	4.80	8.66	3.71	2.56	2.78	8.82	
Rank			1	1	N/A	N/A	N/A	N/A	1	
Hoisington Macroeconomic US Treasuries (SA)	135,346,652	5.51	25.97	25.97	N/A	N/A	N/A	N/A	44.05	05/01/2019
Bloomberg US Trsy Index			8.20	8.20	13.23	5.82	3.64	3.83	13.55	
Excess Return			17.77	17.77	N/A	N/A	N/A	N/A	30.50	
IM U.S. Long Term Treasury/Govt Bond (MF) Median			7.08	7.08	11.12	4.78	3.03	3.28	11.16	
Rank			4	4	N/A	N/A	N/A	N/A	4	
DoubleLine MBS (SA)	111,010,348	4.52	2.83	2.83	N/A	N/A	N/A	N/A	4.26	08/01/2019
Bloomberg US MBS Index (Unhgd)			2.82	2.82	7.03	4.04	2.94	3.28	4.55	
Excess Return			0.01	0.01	N/A	N/A	N/A	N/A	-0.29	
IM U.S. Mortgage Backed Bonds (MF) Median			1.54	1.54	5.40	3.03	2.27	3.02	3.08	
Rank			12	12	N/A	N/A	N/A	N/A	12	
PGIM US IG Corporate Bond (CIT)	107,982,563	4.40	-6.41	-6.41	N/A	N/A	N/A	N/A	-1.83	08/01/2019
Bloomberg US Crdt Index			-3.14	-3.14	5.10	4.19	3.28	4.75	0.27	
Excess Return			-3.27	-3.27	N/A	N/A	N/A	N/A	-2.10	
IM U.S. Corporate Bonds (MF) Median			-3.52	-3.52	3.78	3.43	2.77	4.12	-0.58	
Rank			89	89	N/A	N/A	N/A	N/A	69	
Loomis Sayles IG Corporate Bond Trust (NHIT)	108,870,531	4.43	-4.79	-4.79	N/A	N/A	N/A	N/A	-1.11	08/01/2019
Bloomberg US Crdt Index			-3.14	-3.14	5.10	4.19	3.28	4.75	0.27	
Excess Return			-1.65	-1.65	N/A	N/A	N/A	N/A	-1.38	
IM U.S. Corporate Bonds (MF) Median			-3.52	-3.52	3.78	3.43	2.77	4.12	-0.58	
Rank			65	65	N/A	N/A	N/A	N/A	61	
Real Estate										
Principal US Property Account (CF)	143,491,672	5.84	0.42	0.42	4.83	7.03	8.54	11.57	7.19	09/01/2004
NCREF ODCE Index (AWA) (Net)			0.75	0.75	3.93	5.85	7.48	10.42	6.95	
Excess Return			-0.33	-0.33	0.90	1.18	1.06	1.15	0.24	
Fidelity US REITs Completion Index (SA)	107,596,607	4.38	-26.12	-26.12	N/A	N/A	N/A	N/A	-26.12	01/01/2020
Fidelity REITs Completion Index			-26.17	-26.17	N/A	N/A	N/A	N/A	-26.17	
Excess Return			0.05	0.05	N/A	N/A	N/A	N/A	0.05	

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Asset Allocation & Performance - Net of Fees**

As of March 31, 2020

	Allocation		Rate of Return (%)							
	Market Value (\$)	%	QTD	CYTD	1 Year	3 Years	5 Years	10 Years	Since Incep.	Inception Date
Infrastructure & Other										
IFM Global Infrastructure A (CF)	65,000,000	2.65	N/A	N/A	N/A	N/A	N/A	N/A	N/A	04/01/2020
S&P Gbl Infrastructure Index (Net)			-29.31	-29.31	-21.91	-4.16	-1.29	3.28	N/A	
Excess Return			N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Fidelity DJ Brookfield Infrastructure Index (SA)	54,873,408	2.23	-24.27	-24.27	N/A	N/A	N/A	N/A	-24.27	01/01/2020
DJ Brookfield Gbl Infrastructure Comp Idx			-24.45	-24.45	-17.10	-2.60	-0.77	6.73	-24.45	
Excess Return			0.18	0.18	N/A	N/A	N/A	N/A	0.18	
Strategic Partnership										
BlackRock Strategic Partnership (SA)	120,872,262	4.92	-18.83	-18.83	-10.90	N/A	N/A	N/A	-4.68	07/01/2018
BlackRock Strategic Partnership Custom Index			-17.57	-17.57	-8.99	N/A	N/A	N/A	-3.44	
Excess Return			-1.26	-1.26	-1.91	N/A	N/A	N/A	-1.24	
Cash & Equivalents										
Agincourt 1-3 Month Treasury (SA)	15,782,040	0.64	0.45	0.45	N/A	N/A	N/A	N/A	1.86	05/01/2019
Bloomberg US T-Bills 1-3 Mo Index			0.47	0.47	2.08	1.74	1.12	0.59	1.88	
Excess Return			-0.02	-0.02	N/A	N/A	N/A	N/A	-0.02	
Northern Trust Government STIF (CF)	4,573,251	0.19	0.33	0.33	1.93	1.61	1.04	0.53	3.74	06/01/1988
Bloomberg US T-Bills 1-3 Mo Index			0.47	0.47	2.08	1.74	1.12	0.59	N/A	
Excess Return			-0.14	-0.14	-0.15	-0.13	-0.08	-0.06	N/A	

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