

# MEETING MATERIALS

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**CalSavers**  
Quarterly Review  
As of September 30, 2019



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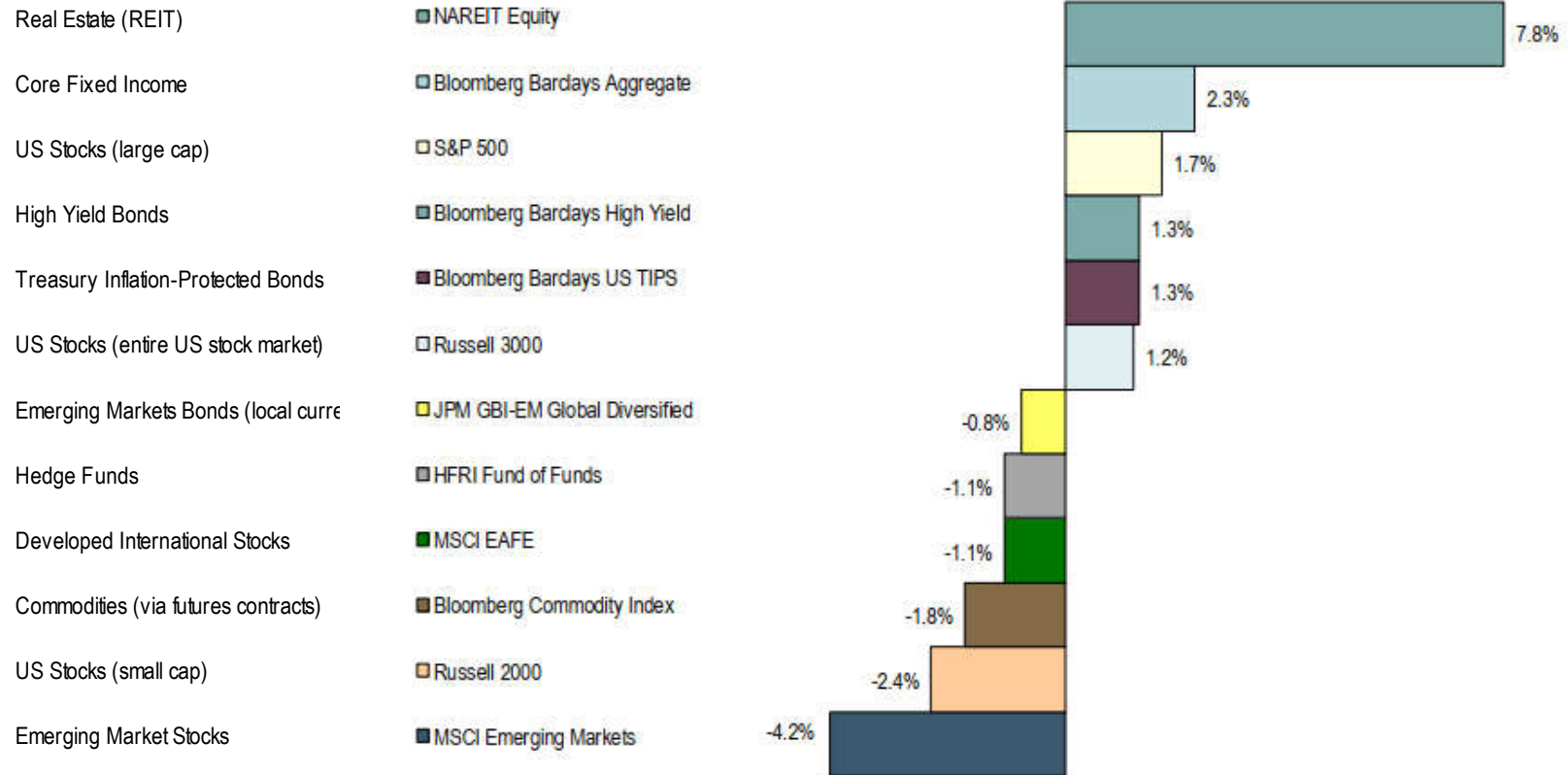
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- 1. Executive Summary**
- 2. Appendix**
- 3. Disclaimer, Glossary, and Notes**

### **CalSavers Program Overview - September 2019**

- As of September 30, 2019, total participant assets in the program stood at \$723,687 excluding seed money. With seed money included, total assets were at \$809,173.
- The third quarter ended with mixed results for risk assets. US large cap equities, REITs, and most fixed income markets reported positive returns. In general, international equities (especially emerging markets equity), US small cap equities, hedge funds, and commodities registered negative returns.
- The CalSavers program continued to grow significantly – details provided on following pages.
- Results for all program options performed in line with expectations.

## The World Markets<sup>1</sup> Third Quarter of 2019



<sup>1</sup> Source: Investorforce

## Capital Markets Outlook

- September was a relatively normal “risk-on” month as most Global Equity markets produced positive returns whereas most sovereign-oriented Fixed Income markets produced negative returns.
- On a year-to-date basis, most indices across Global Equity and Fixed Income markets produced unusually high returns.
- Recent interest rate movements are historically consistent with oncoming recessions.
- Economic data remains mixed, with shifting political rhetoric regarding global trade adding to short-term uncertainty.
- US Equity remains expensive, while Non-US Equity remains reasonably valued relative to their history.
- Implied equity market volatility<sup>1</sup> remained lower than historical averages ( $\approx 19$ ) in September, but this metric steadily rose from mid-month to the end of the month.

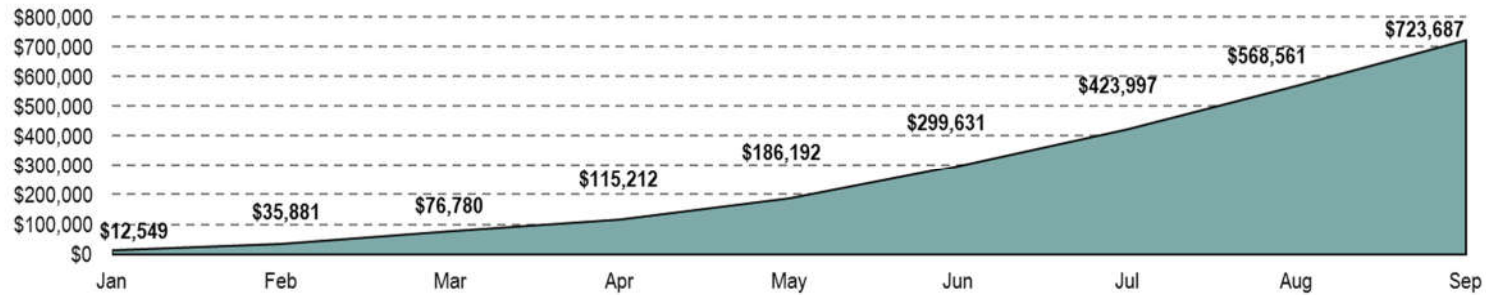
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<sup>1</sup> As measured by VIX index.

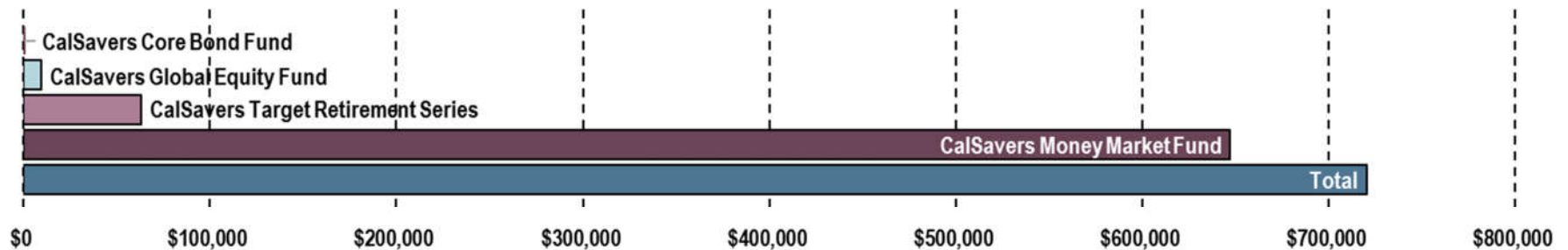


## Assets and Cash Flow Review

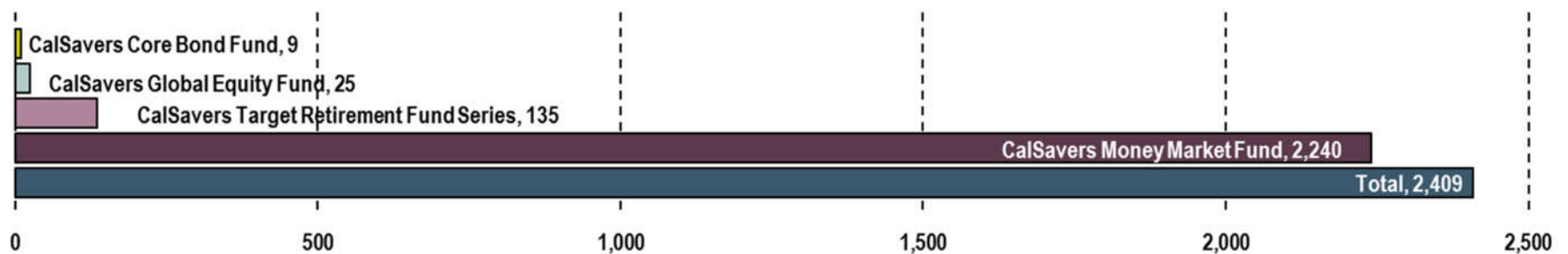
### TOTAL ASSETS



### Cumulative Net Cash Flows for YTD through September 30, 2019

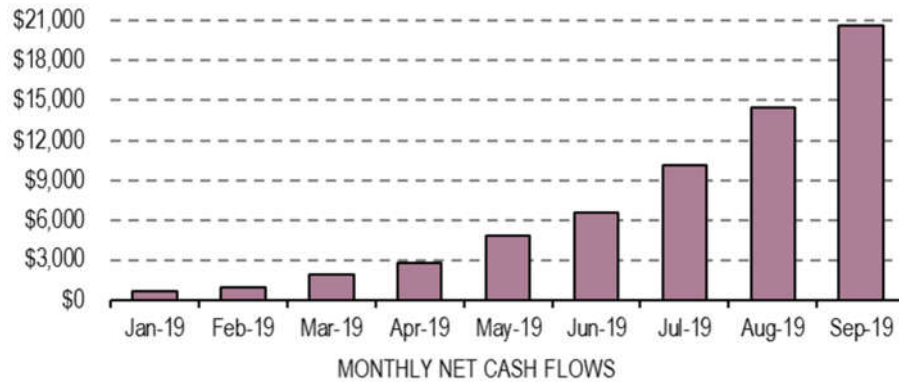


### Number of Accounts (Participants) Breakdown as of September 30, 2019

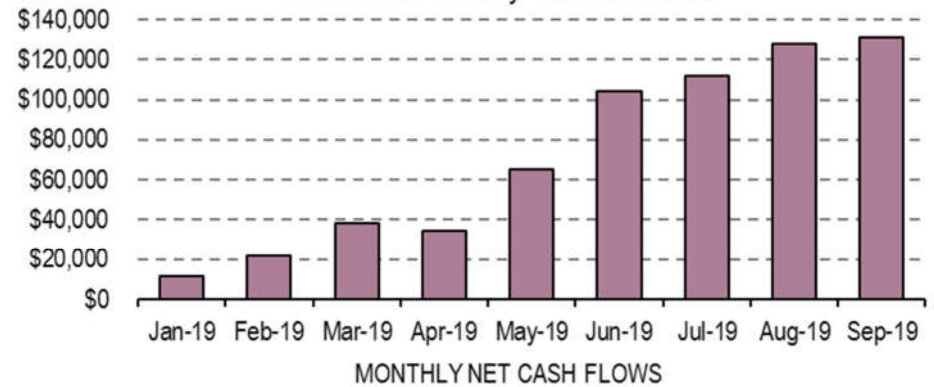


## Assets and Cash Flow Review (continued)

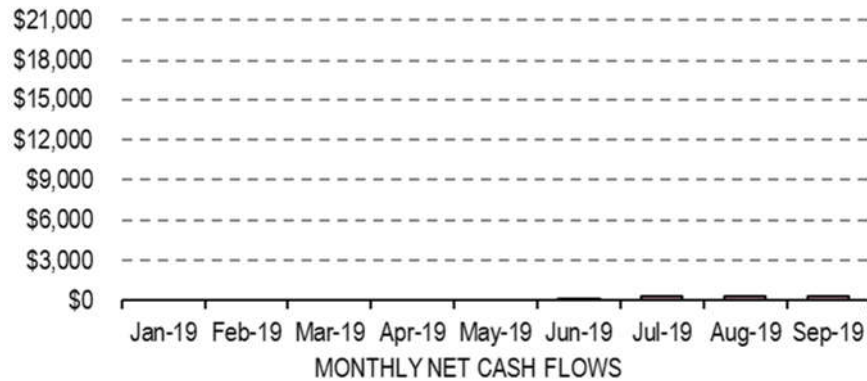
### CalSavers Target Retirement Series



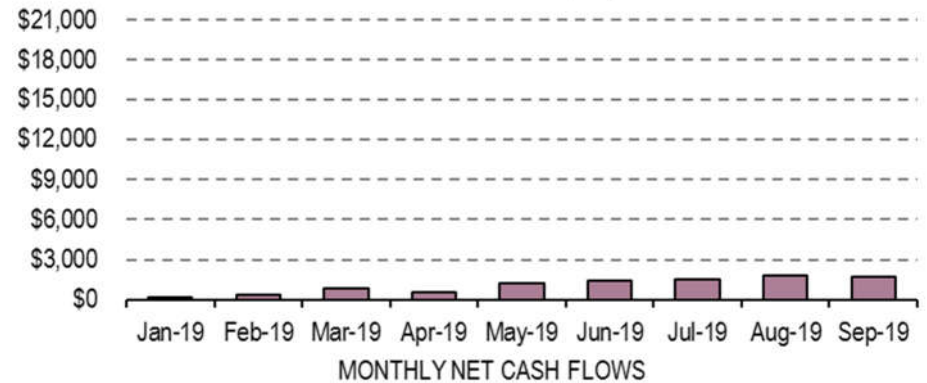
### CalSavers Money Market Fund



### CalSavers Core Bond Fund



### CalSavers Global Equity Fund



### **Assets and Cash Flow Review (continued)**

*Additional information about cash flows through Q3:*

- 13 participants changed elections and had contributions go into a fund other than the Money Market fund before reaching \$1,000.
- Of the other accounts that contributed the full \$1,000 into the Money Market fund, contributions after that were:
  - 1 account contributed to the CalSavers Core Bond Fund, CalSavers Global Equity Fund, CalSavers Money Market Fund
  - 4 accounts contributed to the Money Market fund and a Target Date fund
  - 20 accounts continued to invest in the Money Market fund
  - 93 accounts took no action and contributed to the Target Date funds



## Performance Summary

- Periods reviewed in this document: the month of September (1 mo), quarter to date period of July-September (QTD), and the year to date period of January-September (YTD).
- Program fees (80 basis points) are applied on an annualized basis, which means approximately two-thirds of those fees would show up year-to-date.
- Program options performed in line with expectations during the quarter to date period:
  - Target Retirement Funds with dates further in the future had weaker returns relative to near-dated funds, due to more non-US equity and small cap exposure.
  - Global Equity Fund had modestly negative performance for QTD, but was in line with the broad market benchmark.
  - Aggregate Bond index fund produced strong performance in the QTD period, as exposure to duration and investment grade quality were rewarded.
  - Sustainable Balanced Fund posted positive results and outperformed its benchmark through the equity segment of the total portfolio. Stock selection in healthcare and not having any energy exposure were two of the main reasons why the fund exceeded its benchmark for the period.
- Meketa will continue to monitor the investments of the program, and has no recommendations at this time.

CalSavers Performance Summary <sup>1,2,3</sup> as of September 30, 2019							
	1 Mo (%)	QTD (%)	YTD (%)		1 Mo (%)	QTD (%)	YTD (%)
State Street Target Ret Fund				State Street Target Ret 2050 Fund			
Program Level	0.5	0.8	9.8	Program Level	1.4	0.4	16.2
Mutual Fund	0.5	1.1	10.5	Mutual Fund	1.5	0.6	16.9
Benchmark	0.5	1.1	10.4	Benchmark	1.5	0.5	16.9
State Street Target Ret 2015 Fund				State Street Target Ret 2055 Fund			
Program Level	0.5	0.8	10.3	Program Level	1.4	0.4	16.2
Mutual Fund	0.5	1.1	10.9	Mutual Fund	1.5	0.6	16.9
Benchmark	0.5	1.1	10.8	Benchmark	1.5	0.5	16.9
State Street Target Ret 2020 Fund				State Street Target Ret 2060 Fund			
Program Level	0.6	0.9	12.2	Program Level	1.3	0.3	16.2
Mutual Fund	0.7	1.0	12.7	Mutual Fund	1.4	0.5	16.9
Benchmark	0.7	1.1	12.7	Benchmark	1.5	0.5	16.9
State Street Target Ret 2025 Fund				State Street Target Ret 2065 Fund			
Program Level	0.8	1.0	14.0	Program Level	1.3	0.3	16.2
Mutual Fund	0.9	1.2	14.7	Mutual Fund	1.4	0.5	16.9
Benchmark	0.9	1.2	14.6	Benchmark	1.5	0.5	16.9
State Street Target Ret 2030 Fund				State Street Instl US Gov MM Fund			
Program Level	1.1	1.0	15.0	Program Level	0.1	0.3	1.0
Mutual Fund	1.1	1.1	15.6	Mutual Fund	0.2	0.5	1.7
Benchmark	1.0	1.1	15.6	Benchmark	0.2	0.5	1.7
State Street Target Ret 2035 Fund				State Street Agg Bond Index Fund			
Program Level	1.1	0.8	15.4	Program Level	-0.7	2.0	7.7
Mutual Fund	1.2	1.0	16.1	Mutual Fund	-0.6	2.3	8.5
Benchmark	1.2	0.9	16.1	Benchmark	-0.5	2.3	8.5
State Street Target Ret 2040 Fund				Global Equity Fund			
Program Level	1.2	0.5	15.8	Program Level	2.1	-0.1	17.5
Mutual Fund	1.3	0.7	16.5	State Street Equity 500 Index Fund	1.9	1.7	20.5
Benchmark	1.3	0.8	16.5	State Street Global Equity ex-US Index Fund	2.5	-1.9	11.6
State Street Target Ret 2045 Fund				Benchmark	2.1	0.0	16.2
Program Level	1.4	0.3	16.1	BNY Mellon Sustainable Balanced Fund			
Mutual Fund	1.5	0.6	16.8	Program Level	1.1	1.6	--
Benchmark	1.5	0.6	16.8	Mutual Fund	1.1	1.7	--
				Benchmark	1.1	0.9	--

<sup>1</sup> All performance data provided by Ascensus, BNY Mellon, State Street.

<sup>2</sup> Program Level returns are net of Program Level Fees.

<sup>3</sup> Mutual Fund returns are ex Program Level Fees and are only net of manager level expenses.

## Appendix

As of September 30, 2019

## Program Accounts - Trailing Performance

	Ticker	Market Value (\$)	% of Portfolio	1 Mo (%)	QTD (%)	YTD (%)	Inception (%)	Inception Date
<b>Total Plan</b>		<b>723,687</b>	<b>100.0</b>					
<b>Target Retirement</b>		<b>68,877</b>	<b>9.5</b>					
State Street Target Ret Fund	SSFOX	719	0.1	0.5	0.8	9.8	9.8	Jan-19
State Street Target Ret Income Custom TR				0.5	1.1	10.4	10.4	Jan-19
Target Date Retirement Mstar MF Median				0.3	1.3	10.4	10.4	Jan-19
Target Date Retirement Mstar MF Rank				29	97	67	67	Jan-19
State Street Target Ret 2015 Fund	SSBHX	133	0.0	0.5	0.8	10.3	10.3	Jan-19
State Street Target Ret 2015 Custom TR				0.5	1.1	10.8	10.8	Jan-19
Target Date 2015 Mstar MF Median				0.5	1.0	11.3	11.3	Jan-19
Target Date 2015 Mstar MF Rank				58	70	89	89	Jan-19
State Street Target Ret 2020 Fund	SSBOX	4,477	0.6	0.6	0.9	12.2	12.2	Jan-19
State Street Target Ret 2020 Custom TR				0.7	1.1	12.7	12.7	Jan-19
Target Date 2020 Mstar MF Median				0.6	1.1	12.3	12.3	Jan-19
Target Date 2020 Mstar MF Rank				39	74	54	54	Jan-19
State Street Target Ret 2025 Fund	SSBSX	2,375	0.3	0.8	1.0	14.0	14.0	Jan-19
State Street Target Ret 2025 Custom TR				0.9	1.2	14.6	14.6	Jan-19
Target Date 2025 Mstar MF Median				0.8	1.1	13.3	13.3	Jan-19
Target Date 2025 Mstar MF Rank				57	57	21	21	Jan-19

Accounts were funded on 1/2/2019.



As of September 30, 2019

	Ticker	Market Value (\$)	% of Portfolio	1 Mo (%)	QTD (%)	YTD (%)	Inception (%)	Inception Date
State Street Target Ret 2030 Fund	SSBYX	13,403	1.9	1.1	1.0	15.0	15.0	Jan-19
State Street Target Ret 2030 Custom TR				1.0	1.1	15.6	15.6	Jan-19
Target Date 2030 Mstar MF Median				1.0	0.9	14.4	14.4	Jan-19
Target Date 2030 Mstar MF Rank				45	39	20	20	Jan-19
State Street Target Ret 2035 Fund	SSCKX	6,157	0.9	1.1	0.8	15.4	15.4	Jan-19
State Street Target Ret 2035 Custom TR				1.2	0.9	16.1	16.1	Jan-19
Target Date 2035 Mstar MF Median				1.3	0.7	15.2	15.2	Jan-19
Target Date 2035 Mstar MF Rank				64	44	38	38	Jan-19
State Street Target Ret 2040 Fund	SSCQX	11,456	1.6	1.2	0.5	15.8	15.8	Jan-19
State Street Target Ret 2040 Custom TR				1.3	0.8	16.5	16.5	Jan-19
Target Date 2040 Mstar MF Median				1.5	0.5	15.8	15.8	Jan-19
Target Date 2040 Mstar MF Rank				83	49	52	52	Jan-19
State Street Target Ret 2045 Fund	SSDEX	8,092	1.1	1.4	0.3	16.1	16.1	Jan-19
State Street Target Ret 2045 Custom TR				1.5	0.6	16.8	16.8	Jan-19
Target Date 2045 Mstar MF Median				1.7	0.4	16.0	16.0	Jan-19
Target Date 2045 Mstar MF Rank				75	54	45	45	Jan-19
State Street Target Ret 2050 Fund	SSDLX	5,924	0.8	1.4	0.4	16.2	16.2	Jan-19
State Street Target Ret 2050 Custom TR				1.5	0.5	16.9	16.9	Jan-19
Target Date 2050 Mstar MF Median				1.7	0.3	16.1	16.1	Jan-19
Target Date 2050 Mstar MF Rank				81	49	48	48	Jan-19

Accounts were funded on 1/2/2019.



As of September 30, 2019

	Ticker	Market Value (\$)	% of Portfolio	1 Mo (%)	QTD (%)	YTD (%)	Inception (%)	Inception Date
State Street Target Ret 2055 Fund	SSDQX	8,932	1.2	1.4	0.4	16.2	16.2	Jan-19
State Street Target Ret 2055 Custom TR				1.5	0.5	16.9	16.9	Jan-19
Target Date 2055 Mstar MF Median				1.7	0.3	16.1	16.1	Jan-19
Target Date 2055 Mstar MF Rank				81	34	43	43	Jan-19
State Street Target Ret 2060 Fund	SSDYX	4,045	0.6	1.3	0.3	16.2	16.2	Jan-19
State Street Target Ret 2060 Custom TR				1.5	0.5	16.9	16.9	Jan-19
Target Date 2060+ Mstar MF Median				1.6	0.2	16.4	16.4	Jan-19
Target Date 2060+ Mstar MF Rank				90	47	57	57	Jan-19
State Street Target Ret 2065 Fund	SSDYX	3,165	0.4	1.3	0.3	16.2	16.2	Jan-19
Target Ret 2065 Custom TR				1.5	0.5	16.9	16.9	Jan-19
Target Date 2060+ Mstar MF Median				1.6	0.2	16.4	16.4	Jan-19
Target Date 2060+ Mstar MF Rank				90	47	57	57	Jan-19
<b>Money Market</b>		<b>642,436</b>	<b>88.8</b>					
State Street Instl US Gov MM Fund	GVMXX	642,436	88.8	0.1	0.3	1.0	1.0	Jan-19
91 Day T-Bills				0.2	0.5	1.7	1.7	Jan-19
Money Market - Taxable MStar MF Median				0.2	0.5	1.6	1.6	Jan-19
Money Market - Taxable MStar MF Rank				98	99	99	99	Jan-19

Accounts were funded on 1/2/2019.



As of September 30, 2019

	Ticker	Market Value (\$)	% of Portfolio	1 Mo (%)	QTD (%)	YTD (%)	Inception (%)	Inception Date
<b>Core Bond</b>		<b>1,536</b>	<b>0.2</b>					
State Street Agg Bond Index Fund	SSFEX	1,536	0.2	-0.7	2.0	7.7	7.7	Jan-19
BBgBarc US Aggregate TR				-0.5	2.3	8.5	8.5	Jan-19
Intermediate Core Bond MStar MF Median				-0.6	2.2	8.5	8.5	Jan-19
Intermediate Core Bond MStar MF Rank				81	75	73	73	Jan-19
<b>Global Equity</b>		<b>10,838</b>	<b>1.5</b>					
Global Equity Fund	SSSYX/SSGLX	10,838	1.5	2.1	-0.1	17.5	17.5	Jan-19
MSCI ACWI				2.1	0.0	16.2	16.2	Jan-19
World Large Stock Mstar MF Median				1.8	-0.1	16.6	16.6	Jan-19
World Large Stock Mstar MF Rank				40	49	42	42	Jan-19
<b>ESG</b>		<b>0</b>	<b>0.0</b>	<b>1.1</b>	<b>--</b>	<b>--</b>	<b>--</b>	
BNY Mellon Sustainable Balanced Fund		0	0.0	1.1	1.6	--	1.6	Jul-19
60/40 MSCI-ACWI/BBMSCI-ESG				1.1	0.9	--	0.9	Jul-19
World Allocation MStar MF Median				1.1	0.3	11.6	0.3	Jul-19
World Allocation MStar MF Rank				56	14	--	14	Jul-19

Accounts were funded on 1/2/2019.



## Total Mutual Funds

As of September 30, 2019

## Mutual Funds - Trailing Performance

	Ticker	Market Value (\$)	% of Portfolio	1 Mo (%)	QTD (%)	YTD (%)	Inception (%)	Inception Date
<b>Total Mutual Funds</b>		<b>723,687</b>	<b>100.0</b>					
<b>Target Retirement Mutual Funds</b>		<b>68,877</b>	<b>9.5</b>					
State Street Target Ret MF	SSFOX	719	0.1	0.5	1.1	10.5	10.5	Jan-19
State Street Target Ret Income Custom TR				0.5	1.1	10.4	10.4	Jan-19
Target Date Retirement Mstar MF Median				0.3	1.3	10.4	10.4	Jan-19
Target Date Retirement Mstar MF Rank				12	89	47	47	Jan-19
State Street Target Ret 2015 MF	SSBHX	133	0.0	0.5	1.1	10.9	10.9	Jan-19
State Street Target Ret 2015 Custom TR				0.5	1.1	10.8	10.8	Jan-19
Target Date 2015 Mstar MF Median				0.5	1.0	11.3	11.3	Jan-19
Target Date 2015 Mstar MF Rank				38	34	75	75	Jan-19
State Street Target Ret 2020 MF	SSBOX	4,477	0.6	0.7	1.0	12.7	12.7	Jan-19
State Street Target Ret 2020 Custom TR				0.7	1.1	12.7	12.7	Jan-19
Target Date 2020 Mstar MF Median				0.6	1.1	12.3	12.3	Jan-19
Target Date 2020 Mstar MF Rank				34	60	24	24	Jan-19
State Street Target Ret 2025 MF	SSBSX	2,375	0.3	0.9	1.2	14.7	14.7	Jan-19
State Street Target Ret 2025 Custom TR				0.9	1.2	14.6	14.6	Jan-19
Target Date 2025 Mstar MF Median				0.8	1.1	13.3	13.3	Jan-19
Target Date 2025 Mstar MF Rank				34	32	5	5	Jan-19



## Total Mutual Funds

As of September 30, 2019

	Ticker	Market Value (\$)	% of Portfolio	1 Mo (%)	QTD (%)	YTD (%)	Inception (%)	Inception Date
State Street Target Ret 2030 MF	SSBYX	13,403	1.9	1.1	1.1	15.6	15.6	Jan-19
State Street Target Ret 2030 Custom TR				1.0	1.1	15.6	15.6	Jan-19
Target Date 2030 Mstar MF Median				1.0	0.9	14.4	14.4	Jan-19
Target Date 2030 Mstar MF Rank				44	23	8	8	Jan-19
State Street Target Ret 2035 MF	SSCKX	6,157	0.9	1.2	1.0	16.1	16.1	Jan-19
State Street Target Ret 2035 Custom TR				1.2	0.9	16.1	16.1	Jan-19
Target Date 2035 Mstar MF Median				1.3	0.7	15.2	15.2	Jan-19
Target Date 2035 Mstar MF Rank				59	23	9	9	Jan-19
State Street Target Ret 2040 MF	SSCQX	11,456	1.6	1.3	0.7	16.5	16.5	Jan-19
State Street Target Ret 2040 Custom TR				1.3	0.8	16.5	16.5	Jan-19
Target Date 2040 Mstar MF Median				1.5	0.5	15.8	15.8	Jan-19
Target Date 2040 Mstar MF Rank				76	26	13	13	Jan-19
State Street Target Ret 2045 MF	SSDEX	8,092	1.1	1.5	0.6	16.8	16.8	Jan-19
State Street Target Ret 2045 Custom TR				1.5	0.6	16.8	16.8	Jan-19
Target Date 2045 Mstar MF Median				1.7	0.4	16.0	16.0	Jan-19
Target Date 2045 Mstar MF Rank				69	25	12	12	Jan-19
State Street Target Ret 2050 MF	SSDLX	5,924	0.8	1.5	0.6	16.9	16.9	Jan-19
State Street Target Ret 2050 Custom TR				1.5	0.5	16.9	16.9	Jan-19
Target Date 2050 Mstar MF Median				1.7	0.3	16.1	16.1	Jan-19
Target Date 2050 Mstar MF Rank				73	25	16	16	Jan-19

## Total Mutual Funds

As of September 30, 2019

	Ticker	Market Value (\$)	% of Portfolio	1 Mo (%)	QTD (%)	YTD (%)	Inception (%)	Inception Date
State Street Target Ret 2055 MF	SSDQX	8,932	1.2	1.5	0.6	16.9	16.9	Jan-19
State Street Target Ret 2055 Custom TR				1.5	0.5	16.9	16.9	Jan-19
Target Date 2055 Mstar MF Median				1.7	0.3	16.1	16.1	Jan-19
Target Date 2055 Mstar MF Rank				78	20	17	17	Jan-19
State Street Target Ret 2060 MF	SSDYX	7,209	1.0	1.4	0.5	16.9	16.9	Jan-19
State Street Target Ret 2060 Custom TR				1.5	0.5	16.9	16.9	Jan-19
Target Date 2060+ Mstar MF Median				1.6	0.2	16.4	16.4	Jan-19
Target Date 2060+ Mstar MF Rank				80	27	26	26	Jan-19
<b>Money Market Mutual Funds</b>		<b>642,436</b>	<b>88.8</b>					
State Street Instl US Gov MM MF	GVMXX	642,436	88.8	0.2	0.5	1.7	1.7	Jan-19
91 Day T-Bills				0.2	0.5	1.7	1.7	Jan-19
Money Market - Taxable MStar MF Median				0.2	0.5	1.6	1.6	Jan-19
Money Market - Taxable MStar MF Rank				42	8	4	4	Jan-19
<b>Core Bond Mutual Funds</b>		<b>1,536</b>	<b>0.2</b>					
State Street Agg Bond Index MF	SSFEX	1,536	0.2	-0.6	2.3	8.5	8.5	Jan-19
BBgBarc US Aggregate TR				-0.5	2.3	8.5	8.5	Jan-19
Intermediate Core Bond MStar MF Median				-0.6	2.2	8.5	8.5	Jan-19
Intermediate Core Bond MStar MF Rank				50	40	47	47	Jan-19

Target Ret 2060 Mutual Fund includes Target Ret 2060 and Target Ret 2065 market values.

## Total Mutual Funds

As of September 30, 2019

	Ticker	Market Value (\$)	% of Portfolio	1 Mo (%)	QTD (%)	YTD (%)	Inception (%)	Inception Date
<b>Global Equity Mutual Funds</b>		<b>10,838</b>	<b>1.5</b>					
State Street Equity 500 Index MF	SSSYX	5,985	0.8	1.9	1.7	20.5	20.5	Jan-19
<i>S&amp;P 500</i>				1.9	1.7	20.6	20.6	Jan-19
<i>Large Cap MStar MF Median</i>				1.8	1.2	19.5	19.5	Jan-19
<i>Large Cap MStar MF Rank</i>				48	35	35	35	Jan-19
State Street Global Equity ex-US Index MF	SSGLX	4,853	0.7	2.5	-1.9	11.6	11.6	Jan-19
<i>MSCI ACWI ex USA</i>				2.6	-1.8	11.6	11.6	Jan-19
<i>Foreign MStar MF Median</i>				2.5	-1.5	12.4	12.4	Jan-19
<i>Foreign MStar MF Rank</i>				49	63	62	62	Jan-19
<b>ESG Mutual Funds</b>		<b>0</b>	<b>0.0</b>					
BNY Mellon Sustainable Balanced MF	DRAKX	0	0.0	1.1	1.7	--	5.1	Apr-19
<i>60/40 MSCI-ACWI/BBMSCI-ESG</i>				1.1	0.9	--	4.4	Apr-19
<i>World Allocation MStar MF Median</i>				1.1	0.3	11.6	3.0	Apr-19
<i>World Allocation MStar MF Rank</i>				48	12	--	11	Apr-19

Global Equity Fund is comprised of Equity 500 Index Mutual Fund and Global Equity ex-US Index Mutual Fund. Weights are based on US/NonUS components of MSCI ACWI.

BNYM Sustainable Balanced Mutual Fund benchmark is 60% MSCI ACWI and 40% BB-MSCI US Agg ESG-Weighted Select Sector Neutral Index.

As of September 30, 2019

## Monthly Cash Flows

	Beginning MV	Total Contr	Benefit Withdrawals	Gain/Loss	Ending MV
State Street Target Ret Fund	\$626	\$90	\$0	\$3	\$719
State Street Target Ret 2015 Fund	\$0	\$134	\$0	\$0	\$133
State Street Target Ret 2020 Fund	\$2,781	\$1,679	\$0	\$16	\$4,477
State Street Target Ret 2025 Fund	\$990	\$1,374	\$0	\$10	\$2,375
State Street Target Ret 2030 Fund	\$8,954	\$4,760	-\$406	\$95	\$13,403
State Street Target Ret 2035 Fund	\$4,352	\$1,757	\$0	\$48	\$6,157
State Street Target Ret 2040 Fund	\$8,866	\$2,615	-\$136	\$111	\$11,456
State Street Target Ret 2045 Fund	\$5,876	\$2,139	\$0	\$76	\$8,092
State Street Target Ret 2050 Fund	\$3,873	\$2,006	\$0	\$45	\$5,924
State Street Target Ret 2055 Fund	\$5,722	\$3,080	\$0	\$129	\$8,932
State Street Target Ret 2060 Fund	\$2,723	\$1,286	\$0	\$36	\$4,045
State Street Target Ret 2065 Fund	\$2,863	\$264	\$0	\$38	\$3,165
State Street Instl US Gov MM Fund	\$510,970	\$145,795	-\$14,634	\$305	\$642,436
State Street Agg Bond Index Fund	\$1,139	\$322	\$0	\$75	\$1,536
Global Equity Fund	\$8,826	\$1,739	\$0	\$274	\$10,838
BNY Mellon Sustainable Balanced Fund	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$568,561</b>	<b>\$169,042</b>	<b>-\$15,176</b>	<b>\$1,260</b>	<b>\$723,687</b>

As of September 30, 2019

## Investment Expense Analysis

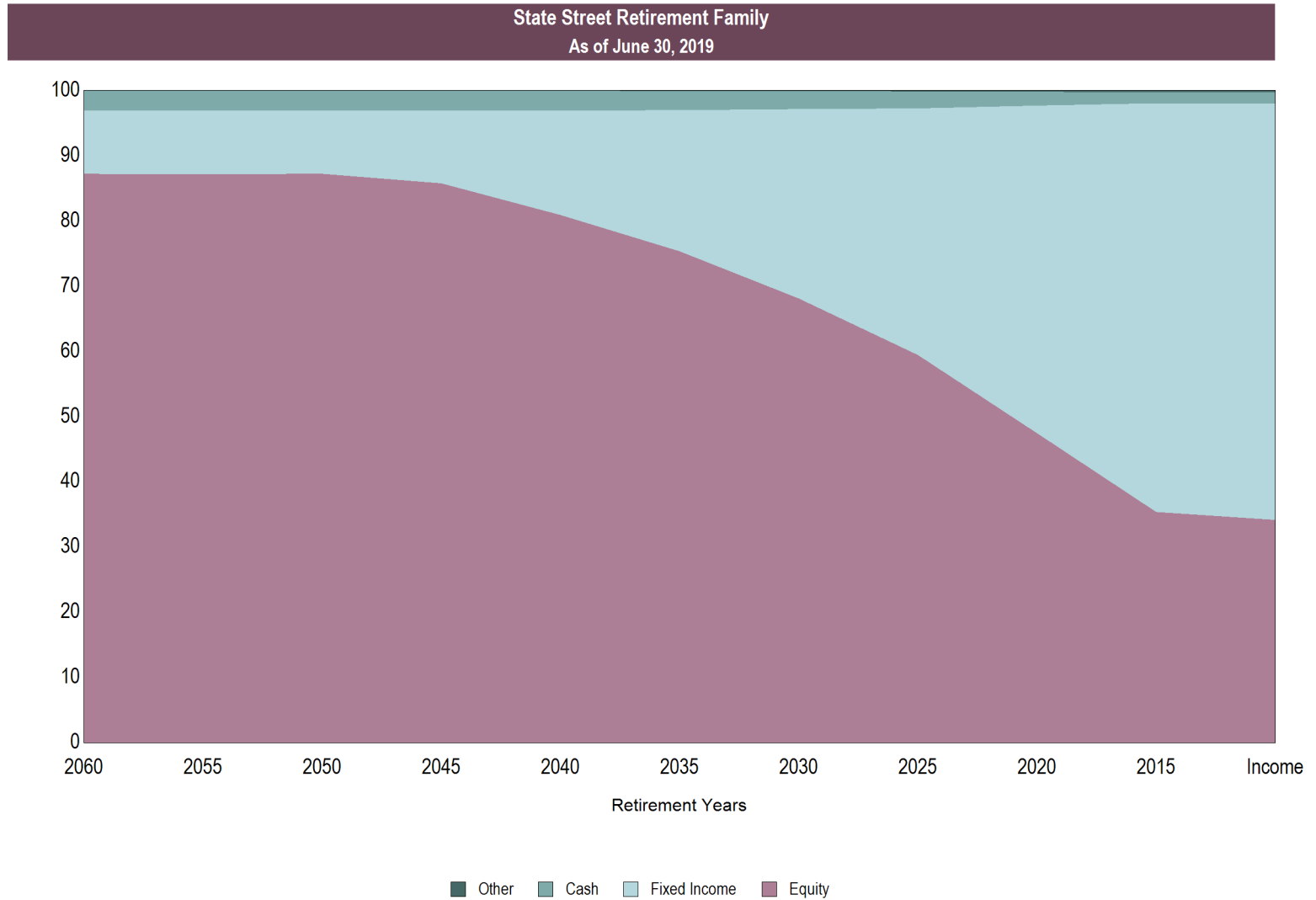
Name	Market Value	% of Portfolio	Estimated Fee	Estimated Fee Value
<b>Target Retirement</b>	<b>\$68,877</b>	<b>9.5%</b>		
State Street Target Ret Fund	\$719	0.1%	0.89%	\$6
State Street Target Ret 2015 Fund	\$133	0.0%	0.89%	\$1
State Street Target Ret 2020 Fund	\$4,477	0.6%	0.89%	\$40
State Street Target Ret 2025 Fund	\$2,375	0.3%	0.89%	\$21
State Street Target Ret 2030 Fund	\$13,403	1.9%	0.89%	\$119
State Street Target Ret 2035 Fund	\$6,157	0.9%	0.89%	\$55
State Street Target Ret 2040 Fund	\$11,456	1.6%	0.89%	\$102
State Street Target Ret 2045 Fund	\$8,092	1.1%	0.89%	\$72
State Street Target Ret 2050 Fund	\$5,924	0.8%	0.89%	\$53
State Street Target Ret 2055 Fund	\$8,932	1.2%	0.89%	\$79
State Street Target Ret 2060 Fund	\$4,045	0.6%	0.89%	\$36
State Street Target Ret 2065 Fund	\$3,165	0.4%	0.89%	\$28
<b>Money Market</b>	<b>\$642,436</b>	<b>88.8%</b>		
State Street Instl US Gov MM Fund	\$642,436	88.8%	0.92%	\$5,910
<b>Core Bond</b>	<b>\$1,536</b>	<b>0.2%</b>		
State Street Agg Bond Index Fund	\$1,536	0.2%	0.83%	\$13
<b>Global Equity</b>	<b>\$10,838</b>	<b>1.5%</b>		
Global Equity Fund	\$10,838	1.5%	0.84%	\$91
<b>ESG</b>	<b>\$0</b>	<b>0.0%</b>		
BNY Mellon Sustainable Balanced Fund	\$0	0.0%	0.95%	\$0
<b>Total</b>	<b>\$723,687</b>	<b>100.0%</b>	<b>0.92%</b>	<b>\$6,627</b>

## Total Mutual Funds

As of September 30, 2019

## Mutual Fund Investment Expense Analysis

Name	Identifier	Market Value	% of Portfolio	Expense Ratio	Estimated Expense
<b>Target Retirement Mutual Funds</b>		<b>\$68,877</b>	<b>9.5%</b>		
State Street Target Ret MF	SSFOX	\$719	0.1%	0.09%	\$1
State Street Target Ret 2015 MF	SSBHX	\$133	0.0%	0.09%	\$0
State Street Target Ret 2020 MF	SSBOX	\$4,477	0.6%	0.09%	\$4
State Street Target Ret 2025 MF	SSBSX	\$2,375	0.3%	0.09%	\$2
State Street Target Ret 2030 MF	SSBYX	\$13,403	1.9%	0.09%	\$12
State Street Target Ret 2035 MF	SSCKX	\$6,157	0.9%	0.09%	\$6
State Street Target Ret 2040 MF	SSCQX	\$11,456	1.6%	0.09%	\$10
State Street Target Ret 2045 MF	SSDEX	\$8,092	1.1%	0.09%	\$7
State Street Target Ret 2050 MF	SSDLX	\$5,924	0.8%	0.09%	\$5
State Street Target Ret 2055 MF	SSDQX	\$8,932	1.2%	0.09%	\$8
State Street Target Ret 2060 MF	SSDYX	\$7,209	1.0%	0.09%	\$6
<b>Money Market Mutual Funds</b>		<b>\$642,436</b>	<b>88.8%</b>		
State Street Instl US Gov MM MF	GVMXX	\$642,436	88.8%	0.12%	\$771
<b>Core Bond Mutual Funds</b>		<b>\$1,536</b>	<b>0.2%</b>		
State Street Agg Bond Index MF	SSFEX	\$1,536	0.2%	0.03%	\$0
<b>Global Equity Mutual Funds</b>		<b>\$10,838</b>	<b>1.5%</b>		
State Street Equity 500 Index MF	SSSYX	\$5,985	0.8%	0.02%	\$1
State Street Global Equity ex-US Index MF	SSGLX	\$4,853	0.7%	0.07%	\$3
<b>ESG Mutual Funds</b>		<b>\$0</b>	<b>0.0%</b>		
BNY Mellon Sustainable Balanced MF	DRAKX	\$0	0.0%	0.15%	\$0
<b>Total</b>		<b>\$723,687</b>	<b>100.0%</b>	<b>0.12%</b>	<b>\$838</b>



## State Street Agg Bond Index MF

As of September 30, 2019

## Account Information

Account Name	State Street Agg Bond Index MF
Account Structure	Mutual Fund
Investment Style	Passive
Inception Date	1/01/19
Account Type	Fixed
Benchmark	BBgBarc US Aggregate TR
Universe	Intermediate Core Bond MStar MF

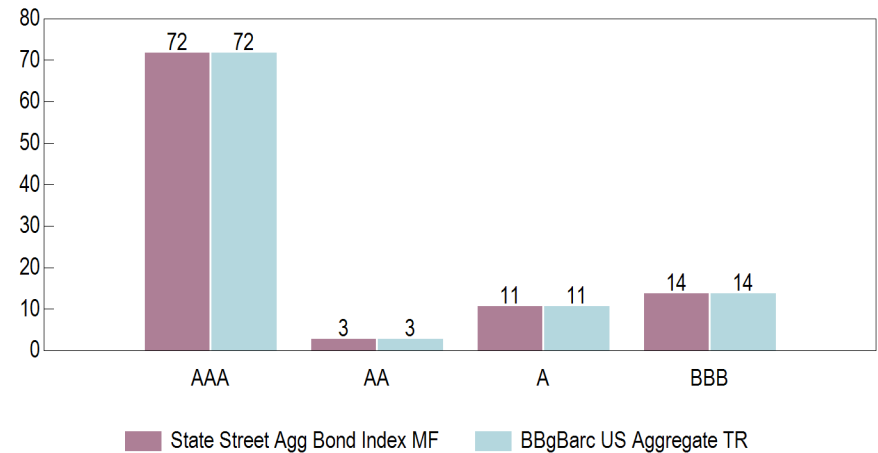
## Trailing Performance

	1 Mo (%)	QTD (%)	YTD (%)	Inception (%)	Inception Date
State Street Agg Bond Index MF	-0.6	2.3	8.5	8.5	Jan-19
BBgBarc US Aggregate TR	-0.5	2.3	8.5	8.5	Jan-19
Intermediate Core Bond MStar MF Median	-0.6	2.2	8.5	8.5	Jan-19
Intermediate Core Bond MStar MF Rank	50	40	47	47	Jan-19

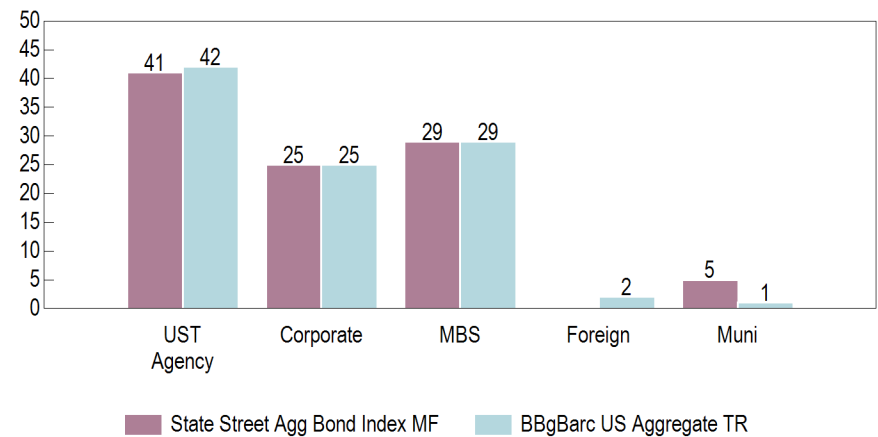
State Street Agg Bond Index Mutual Fund Fixed Income Characteristics  
vs. BBgBarc US Aggregate TR

	Portfolio Q3-19	Index Q3-19
Fixed Income Characteristics		
Yield to Maturity	2.27	2.27
Average Duration	5.78	6.32
Average Quality	AA	AA

## Credit Quality Allocation



## US Sector Allocation





## State Street Equity 500 Index MF

As of September 30, 2019

## Account Information

Account Name	State Street Equity 500 Index MF
Account Structure	Mutual Fund
Investment Style	Passive
Inception Date	1/01/19
Account Type	Equity
Benchmark	S&P 500
Universe	Large Cap MStar MF

## Trailing Performance

	1 Mo (%)	QTD (%)	YTD (%)	Inception (%)	Inception Date
State Street Equity 500 Index MF	1.9	1.7	20.5	20.5	Jan-19
S&P 500	1.9	1.7	20.6	20.6	Jan-19
Large Cap MStar MF Median	1.8	1.2	19.5	19.5	Jan-19
Large Cap MStar MF Rank	48	35	35	35	Jan-19

## Top Holdings

MICROSOFT	4.3%
APPLE	3.9%
AMAZON.COM	2.9%
FACEBOOK CLASS A	1.7%
BERKSHIRE HATHAWAY 'B'	1.7%
JP MORGAN CHASE & CO.	1.5%
ALPHABET 'C'	1.5%
ALPHABET A	1.5%
JOHNSON & JOHNSON	1.4%
PROCTER & GAMBLE	1.3%
<b>Total</b>	<b>21.6%</b>

State Street Equity 500 Index Mutual Fund Equity Characteristics  
vs S&P 500

	Portfolio Q3-19	Index Q3-19
<b>Market Value</b>		
Market Value (\$M)	0.01	--
Number Of Holdings	505	505

## Characteristics

Weighted Avg. Market Cap. (\$B)	230.59	230.50
Median Market Cap (\$B)	22.44	22.53
P/E Ratio	20.59	20.51
Yield	1.97	1.96
EPS Growth - 5 Yrs.	13.37	13.51
Price to Book	3.67	3.65

## Sector Distribution

Energy	4.52	4.64
Materials	2.72	2.71
Industrials	9.34	9.39
Consumer Discretionary	10.11	10.12
Consumer Staples	7.60	7.37
Health Care	13.66	13.63
Financials	12.98	13.11
Information Technology	21.96	21.92
Communication Services	10.36	10.49
Utilities	3.55	3.42
Real Estate	3.18	3.19

## State Street Global Equity ex-US Index MF

As of September 30, 2019

## Account Information

Account Name	State Street Global Equity ex-US Index MF
Account Structure	Mutual Fund
Investment Style	Passive
Inception Date	1/01/19
Account Type	Equity
Benchmark	MSCI ACWI ex USA
Universe	Foreign MStar MF

## Underlying Funds - Trailing Performance

	1 Mo (%)	QTD (%)	YTD (%)	Inception (%)	Inception Date
State Street Global Equity ex-US Index MF	2.5	-1.9	11.6	11.6	Jan-19
MSCI ACWI ex USA	2.6	-1.8	11.6	11.6	Jan-19
Foreign MStar MF Median	2.5	-1.5	12.4	12.4	Jan-19
Foreign MStar MF Rank	49	63	62	62	Jan-19

## Top Holdings

NESTLE 'R'	1.4%
TENCENT HOLDINGS	1.0%
ALIBABA GROUP HOLDING ADR 1:8	1.0%
TAIWAN SEMICON.MNFG.	0.9%
ROCHE HOLDING	0.9%
SAMSUNG ELECTRONICS	0.8%
NOVARTIS 'R'	0.8%
HSBC HOLDINGS	0.7%
TOYOTA MOTOR	0.6%
BP	0.6%
<b>Total</b>	<b>8.7%</b>

State Street Global Equity ex-US Index Mutual Fund Equity Characteristics  
vs MSCI ACWI ex USA

	Portfolio Q3-19	Index Q3-19
<b>Market Value</b>		
Market Value (\$M)	0.00	--
Number Of Holdings	6435	2206
<b>Characteristics</b>		
Weighted Avg. Market Cap. (\$B)	56.26	64.02
Median Market Cap (\$B)	1.49	7.29
P/E Ratio	15.16	14.97
Yield	3.16	3.26
EPS Growth - 5 Yrs.	9.01	8.95
Price to Book	2.29	2.31
Beta (holdings; domestic)	1.02	1.04

## Sector Distribution

Energy	6.23	6.78
Materials	7.58	7.45
Industrials	12.76	11.97
Consumer Discretionary	11.40	11.39
Consumer Staples	9.62	9.95
Health Care	8.33	8.36
Financials	19.99	21.78
Information Technology	9.07	8.79
Communication Services	6.61	6.89
Utilities	3.49	3.46
Real Estate	4.40	3.16

## BNY Mellon Sustainable Balanced MF

As of September 30, 2019

## Account Information

Account Name	BNY Mellon Sustainable Balanced MF
Account Structure	Mutual Fund
Investment Style	Active
Inception Date	4/01/19
Account Type	Balanced
Benchmark	60/40 MSCI-ACWI/BBMSCI-ESG
Universe	World Allocation MStar MF

## Underlying Funds - Trailing Performance

	1 Mo (%)	QTD (%)	Inception (%)	Inception Date
BNY Mellon Sustainable Balanced MF	1.1	1.7	5.1	Apr-19
60/40 MSCI-ACWI/BBMSCI-ESG	1.1	0.9	4.4	Apr-19
World Allocation MStar MF Median	1.1	0.3	3.0	Apr-19
World Allocation MStar MF Rank	48	12	11	Apr-19

## Top Holdings as of September 30, 2019

FEDERAL NATIONAL MORTGAGE ASSOCIATION 3.5%	1.69%
MICROSOFT CORP	1.65%
APPLE INC	1.43%
FEDERAL NATIONAL MORTGAGE ASSOCIATION 4%	1.33%
FEDERAL NATIONAL MORTGAGE ASSOCIATION 3%	1.11%
UNITED STATES TREASURY NOTES 2.25%	1.07%
UNITED STATES TREASURY NOTES 1.12%	0.90%
AMAZON.COM INC	0.85%
UNITED STATES TREASURY NOTES 1.25%	0.80%
FEDERAL NATIONAL MORTGAGE ASSOCIATION 4.5%	0.77%

Top Holdings are based on Total Portfolio.

BNY Mellon Sustainable Balanced MF Equity Characteristics  
vs MSCI ACWI

	Portfolio Q3-19	Index Q3-19
<b>Market Value</b>		
Market Value (\$M)	0.00	--
Number Of Holdings	74	2843

## Characteristics

Weighted Avg. Market Cap. (\$B)	195.75	150.53
Median Market Cap (\$B)	75.68	9.01
P/E Ratio	18.15	17.63
Yield	2.47	2.52
EPS Growth - 5 Yrs.	10.32	11.36
Price to Book	3.41	2.95
Beta (holdings; domestic)	0.98	1.02

## Sector Distribution

Energy	0.00	5.61
Materials	1.30	4.78
Industrials	9.09	10.51
Consumer Discretionary	11.69	10.86
Consumer Staples	11.69	8.39
Health Care	10.39	11.24
Financials	23.38	16.82
Information Technology	16.88	16.23
Communication Services	9.09	8.89
Utilities	3.90	3.40
Real Estate	2.60	3.26



## BNY Mellon Sustainable Balanced MF

As of September 30, 2019

## Account Information

Account Name	BNY Mellon Sustainable Balanced MF
Account Structure	Mutual Fund
Investment Style	Active
Inception Date	4/01/19
Account Type	Balanced
Benchmark	60/40 MSCI-ACWI/BBMSCI-ESG
Universe	World Allocation MStar MF

## Underlying Funds - Trailing Performance

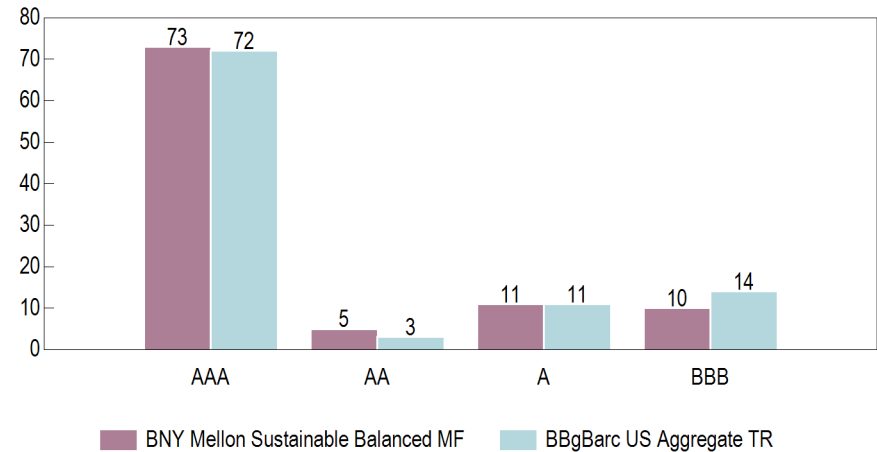
	1 Mo (%)	QTD (%)	Inception (%)	Inception Date
BNY Mellon Sustainable Balanced MF	1.1	1.7	5.1	Apr-19
60/40 MSCI-ACWI/BBMSCI-ESG	1.1	0.9	4.4	Apr-19
World Allocation MStar MF Median	1.1	0.3	3.0	Apr-19
World Allocation MStar MF Rank	48	12	11	Apr-19

## Top Holdings as of September 30, 2019

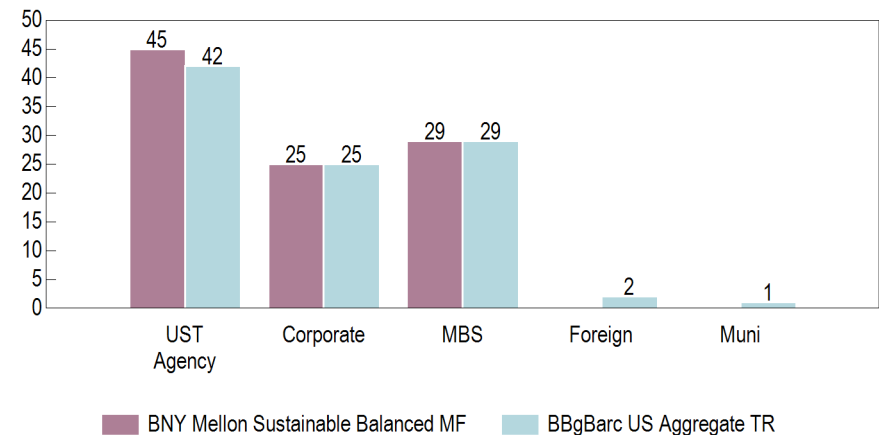
FEDERAL NATIONAL MORTGAGE ASSOCIATION 3.5%	1.69%
MICROSOFT CORP	1.65%
APPLE INC	1.43%
FEDERAL NATIONAL MORTGAGE ASSOCIATION 4%	1.33%
FEDERAL NATIONAL MORTGAGE ASSOCIATION 3%	1.11%
UNITED STATES TREASURY NOTES 2.25%	1.07%
UNITED STATES TREASURY NOTES 1.12%	0.90%
AMAZON.COM INC	0.85%
UNITED STATES TREASURY NOTES 1.25%	0.80%
FEDERAL NATIONAL MORTGAGE ASSOCIATION 4.5%	0.77%

Top Holdings are based on Total Portfolio.

## Credit Quality Allocation



## US Sector Allocation



## US Equity Cyclically Adjusted P/E<sup>1</sup>



## Small Cap P/E vs. Large Cap P/E<sup>2</sup>



<sup>1</sup> US Equity Cyclically Adjusted P/E on S&P 500 Index – Source: Robert Shiller, Yale University and Meketa Investment Group.

<sup>2</sup> Small Cap P/E (Russell 2000 Index) vs. Large Cap P/E (Russell 1000 Index) - Source: Russell Investments. Earnings figures represent 12-month “as reported” earnings.

## Growth P/E vs. Value P/E<sup>1</sup>



## Developed International Equity Cyclically Adjusted P/E<sup>2</sup>



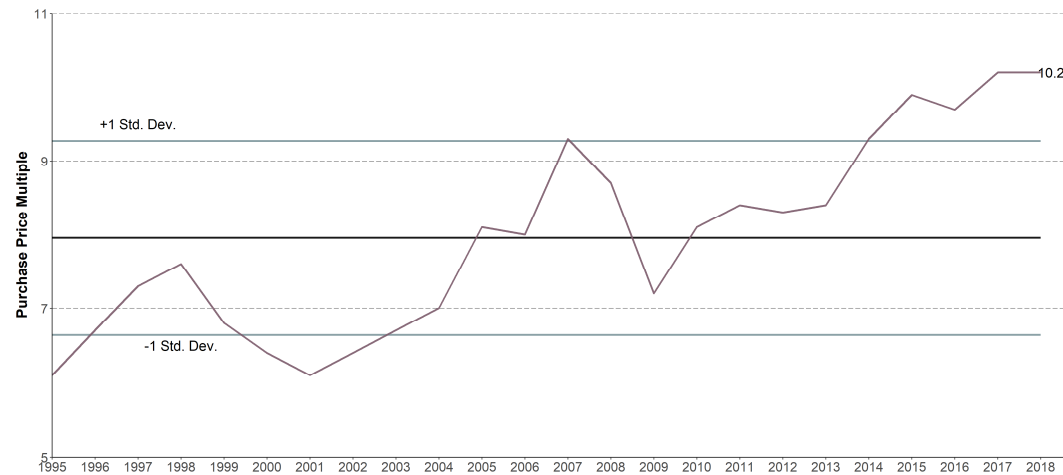
<sup>1</sup> Growth P/E (Russell 3000 Growth Index) vs. Value (Russell 3000 Value Index) P/E - Source: Bloomberg, MSCI, and Meketa Investment Group. Earnings figures represent 12-month "as reported" earnings.

<sup>2</sup> Developed International Equity (MSCI EAFE ex Japan Index) Cyclically Adjusted P/E - Source: MSCI and Bloomberg. Earnings figures represent the average of monthly "as reported" earnings over the previous ten years.

## Emerging Market Equity Cyclically Adjusted P/E<sup>1</sup>



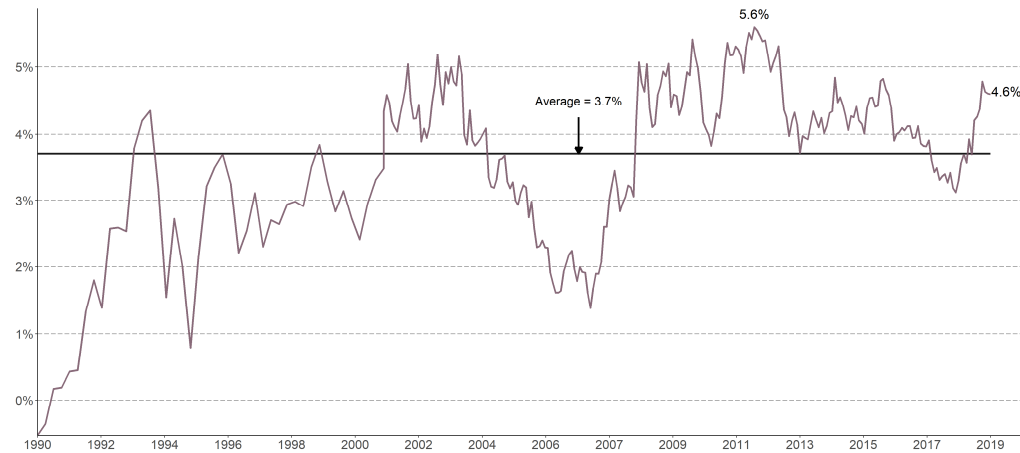
## Private Equity Multiples<sup>2</sup>



<sup>1</sup> Emerging Market Equity (MSCI Emerging Markets Index) Cyclically Adjusted P/E – Source: MSCI and Bloomberg. Earnings figures represent the average of monthly “as reported” earnings over the previous ten years.

<sup>2</sup> Private Equity Multiples – Source: S&P LCD Average EBITDA Multiples Paid in All LBOs.

## Core Real Estate Spread vs. Ten-Year Treasury<sup>1</sup>



## REITs Dividend Yield Spread vs. Ten-Year Treasury<sup>2</sup>

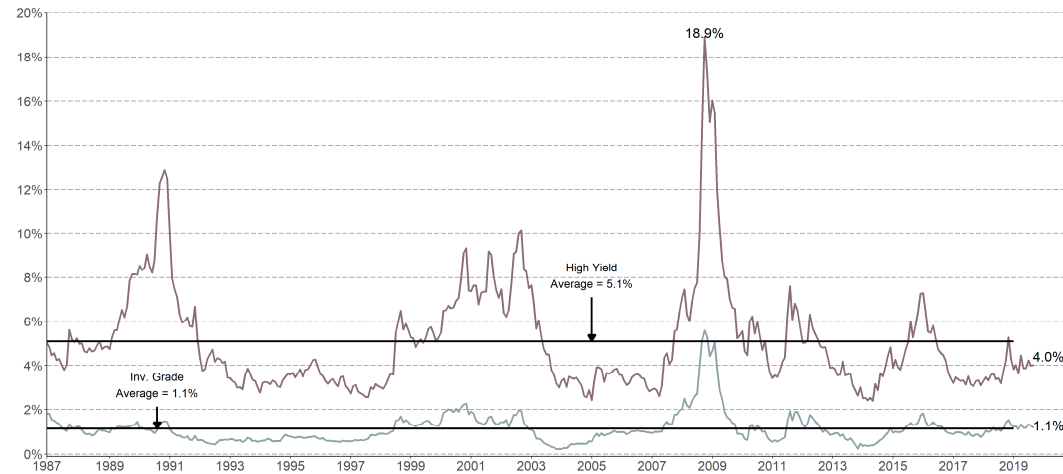


<sup>1</sup> Core Real Estate Spread vs. Ten-Year Treasury – Source: Real Capital Analytics, US Treasury, Bloomberg, and Meketa Investment Group. Core Real Estate is proxied by weighted sector transaction based indices from Real Capital Analytics and Meketa Investment Group.

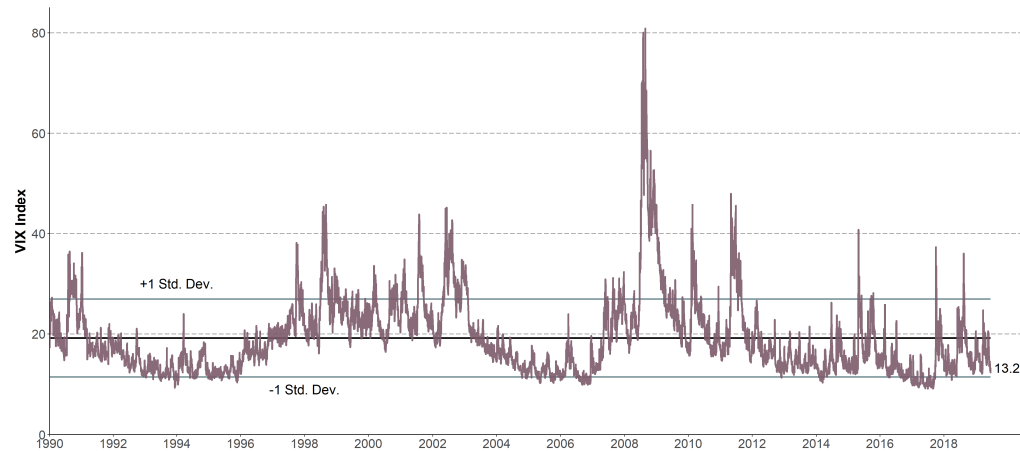
<sup>2</sup> REITs Dividend Yield Spread vs. Ten-Year Treasury – Source: NAREIT, US Treasury. REITs are proxied by the yield for the NAREIT Equity index.



## Credit Spreads<sup>1</sup>



## Equity Volatility<sup>2</sup>



<sup>1</sup> Credit Spreads – Source: Barclays Capital. High Yield is proxied by the Barclays High Yield index and Investment Grade Corporates are proxied by the Barclays US Corporate Investment Grade index.

<sup>2</sup> Equity Volatility – Source: Bloomberg, and Meketa Investment Group. Equity Volatility proxied by VIX Index, a Measure of implied option volatility for US equity markets.

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SIGNIFICANT EVENTS MAY OCCUR (OR HAVE OCCURRED) AFTER THE DATE OF THIS REPORT AND THAT IT IS NOT OUR FUNCTION OR RESPONSIBILITY TO UPDATE THIS REPORT. ANY OPINIONS OR RECOMMENDATIONS PRESENTED HEREIN REPRESENT OUR GOOD FAITH VIEWS AS OF THE DATE OF THIS REPORT AND ARE SUBJECT TO CHANGE AT ANY TIME. ALL INVESTMENTS INVOLVE RISK. THERE CAN BE NO GUARANTEE THAT THE STRATEGIES, TACTICS, AND METHODS DISCUSSED HERE WILL BE SUCCESSFUL.

INFORMATION USED TO PREPARE THIS REPORT WAS OBTAINED FROM INVESTMENT MANAGERS, CUSTODIANS, AND OTHER EXTERNAL SOURCES. WHILE WE HAVE EXERCISED REASONABLE CARE IN PREPARING THIS REPORT, WE CANNOT GUARANTEE THE ACCURACY OF ALL SOURCE INFORMATION CONTAINED HEREIN.

CERTAIN INFORMATION CONTAINED IN THIS REPORT MAY CONSTITUTE “FORWARD - LOOKING STATEMENTS,” WHICH CAN BE IDENTIFIED BY THE USE OF TERMINOLOGY SUCH AS “MAY,” “WILL,” “SHOULD,” “EXPECT,” “AIM,” “ANTICIPATE,” “TARGET,” “PROJECT,” “ESTIMATE,” “INTEND,” “CONTINUE” OR “BELIEVE,” OR THE NEGATIVES THEREOF OR OTHER VARIATIONS THEREON OR COMPARABLE TERMINOLOGY. ANY FORWARD - LOOKING STATEMENTS, FORECASTS, PROJECTIONS, VALUATIONS, OR RESULTS IN THIS PRESENTATION ARE BASED UPON CURRENT ASSUMPTIONS. CHANGES TO ANY ASSUMPTIONS MAY HAVE A MATERIAL IMPACT ON FORWARD - LOOKING STATEMENTS, FORECASTS, PROJECTIONS, VALUATIONS, OR RESULTS. ACTUAL RESULTS MAY THEREFORE BE MATERIALLY DIFFERENT FROM ANY FORECASTS, PROJECTIONS, VALUATIONS, OR RESULTS IN THIS PRESENTATION.

PERFORMANCE DATA CONTAINED HEREIN REPRESENT PAST PERFORMANCE. PAST PERFORMANCE IS NO GUARANTEE OF FUTURE RESULTS.

**Credit Risk:** Refers to the risk that the issuer of a fixed income security may default (i.e., the issuer will be unable to make timely principal and/or interest payments on the security.)

**Duration:** Measure of the sensitivity of the price of a bond to a change in its yield to maturity. Duration summarizes, in a single number, the characteristics that cause bond prices to change in response to a change in interest rates. For example, the price of a bond with a duration of three years will rise by approximately 3% for each 1% decrease in its yield to maturity. Conversely, the price will decrease 3% for each 1% increase in the bond's yield. Price changes for two different bonds can be compared using duration. A bond with a duration of six years will exhibit twice the percentage price change of a bond with a three-year duration. The actual calculation of a bond's duration is somewhat complicated, but the idea behind the calculation is straightforward. The first step is to measure the time interval until receipt for each cash flow (coupon and principal payments) from a bond. The second step is to compute a weighted average of these time intervals. Each time interval is measured by the present value of that cash flow. This weighted average is the duration of the bond measured in years.

**Information Ratio:** This statistic is a measure of the consistency of a portfolio's performance relative to a benchmark. It is calculated by subtracting the benchmark return from the portfolio return (excess return), and dividing the resulting excess return by the standard deviation (volatility) of this excess return. A positive information ratio indicates outperformance versus the benchmark, and the higher the information ratio, the more consistent the outperformance.

**Jensen's Alpha:** A measure of the average return of a portfolio or investment in excess of what is predicted by its beta or "market" risk.  $\text{Portfolio Return} - [\text{Risk Free Rate} + \text{Beta} * (\text{market return} - \text{Risk Free Rate})]$ .

**Market Capitalization:** For a firm, market capitalization is the total market value of outstanding common stock. For a portfolio, market capitalization is the sum of the capitalization of each company weighted by the ratio of holdings in that company to total portfolio holdings; thus it is a weighted-average capitalization. Meketa Investment Group considers the largest 65% of the broad domestic equity market as large capitalization, the next 25% of the market as medium capitalization, and the smallest 10% of stocks as small capitalization.

**Market Weighted:** Stocks in many indices are weighted based on the total market capitalization of the issue. Thus, the individual returns of higher market-capitalization issues will more heavily influence an index's return than the returns of the smaller market-capitalization issues in the index.

**Maturity:** The date on which a loan, bond, mortgage, or other debt/security becomes due and is to be paid off.

**Prepayment Risk:** The risk that prepayments will increase (homeowners will prepay all or part of their mortgage) when mortgage interest rates decline; hence, investors' monies will be returned to them in a lower interest rate environment. Also, the risk that prepayments will slow down when mortgage interest rates rise; hence, investors will not have as much money as previously anticipated in a higher interest rate environment. A prepayment is any payment in excess of the scheduled mortgage payment.

**Price-Book Value (P/B) Ratio:** The current market price of a stock divided by its book value per share. Meketa Investment Group calculates P/B as the current price divided by Compustat's quarterly common equity. Common equity includes common stock, capital surplus, retained earnings, and treasury stock adjusted for both common and nonredeemable preferred stock. Similar to high P/E stocks, stocks with high P/B's tend to be riskier investments.

**Price-Earnings (P/E) Ratio:** A stock's market price divided by its current or estimated future earnings. Lower P/E ratios often characterize stocks in low growth or mature industries, stocks in groups that have fallen out of favor, or stocks of established blue chip companies with long records of stable earnings and regular dividends. Sometimes a company that has good fundamentals may be viewed unfavorably by the market if it is an industry that is temporarily out of favor. Or a business may have experienced financial problems causing investors to be skeptical about its future. Either of these situations would result in lower relative P/E ratios. Some stocks exhibit above-average sales and earnings growth or expectations for above average growth. Consequently, investors are willing to pay more for these companies' earnings, which results in elevated P/E ratios. In other words, investors will pay more for shares of companies whose profits, in their opinion, are expected to increase faster than average. Because future events are in no way assured, high P/E stocks tend to be riskier and more volatile investments. Meketa Investment Group calculates P/E as the current price divided by the I/B/E/S consensus of twelve-month forecast earnings per share.

**Quality Rating:** The rank assigned a security by such rating services as Fitch, Moody's, and Standard & Poor's. The rating may be determined by such factors as (1) the likelihood of fulfillment of dividend, income, and principal payment of obligations; (2) the nature and provisions of the issue; and (3) the security's relative position in the event of liquidation of the company. Bonds assigned the top four grades (AAA, AA, A, BBB) are considered investment grade because they are eligible bank investments as determined by the controller of the currency.

**Sharpe Ratio:** A commonly used measure of risk-adjusted return. It is calculated by subtracting the risk free return (usually three-month Treasury bill) from the portfolio return and dividing the resulting excess return by the portfolio's total risk level (standard deviation). The result is a measure of return per unit of total risk taken. The higher the Sharpe ratio, the better the fund's historical risk adjusted performance.

**Standard Deviation:** A measure of the total risk of an asset or a portfolio. Standard deviation measures the dispersion of a set of numbers around a central point (e.g., the average return). If the standard deviation is small, the distribution is concentrated within a narrow range of values. For a normal distribution, about two thirds of the observations will fall within one standard deviation of the mean, and 95% of the observations will fall within two standard deviations of the mean.

**STIF Account:** Short-term investment fund at a custodian bank that invests in cash-equivalent instruments. It is generally used to safely invest the excess cash held by portfolio managers.

**Style:** The description of the type of approach and strategy utilized by an investment manager to manage funds. For example, the style for equities is determined by portfolio characteristics such as price-to-book value, price-to-earnings ratio, and dividend yield. Equity styles include growth, value, and core.

**Yield to Maturity:** The yield, or return, provided by a bond to its maturity date; determined by a mathematical process, usually requiring the use of a “basis book.” For example, a 5% bond pays \$5 a year interest on each \$100 par value. To figure its current yield, divide \$5 by \$95—the market price of the bond—and you get 5.26%. Assume that the same bond is due to mature in five years. On the maturity date, the issuer is pledged to pay \$100 for the bond that can be bought now for \$95. In other words, the bond is selling at a discount of 5% below par value. To figure yield to maturity, a simple and approximate method is to divide 5% by the five years to maturity, which equals 1% pro rata yearly. Add that 1% to the 5.26% current yield, and the yield to maturity is roughly 6.26%.

$$\frac{5\% \text{ (discount)}}{5 \text{ (yrs. to maturity)}} = 1\% \text{ pro rata, plus } 5.26\% \text{ (current yield)} = 6.26\% \text{ (yield to maturity)}$$

Sources: [Investment Terminology](#), International Foundation of Employee Benefit Plans, 1999.  
[The Handbook of Fixed Income Securities](#), Fabozzi, Frank J., 1991.

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Throughout this report, numbers may not sum due to rounding.

Returns for periods greater than one year are annualized throughout this report.

Values shown are in millions of dollars, unless noted otherwise.