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# ***Burgess Chambers & Associates, Inc.***

***Institutional Investment Advisors***

***[www.burgesschambers.com](http://www.burgesschambers.com)***

***December 31, 2019***

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# Amalgamated Transit Union Local 1596 Pension Fund

## Investment Performance Period Ending December 31, 2019

The following investment information was prepared by BCA, relying upon data from statements provided by the plan custodian and/or investment manager(s).  
BCA reviews transactions provided by the custodian and uses reasonable care to ensure the accuracy of the data contained herein.  
However, BCA cannot guarantee the accuracy of the custodian's statement.



**Amalgamated Transit Union, Local 1596 Pension Fund**  
**BCA Market Perspective ©**  
**Why Economic and Capital Market Forecasting Is Flawed and Not A Science**  
**January 2020**  
**Burgess B. Chambers, President**

In March 2007, during a presentation to Congress, then Federal Reserve chairman Ben Bernanke stated: “At this juncture the impact on the broader economy and financial markets of the problems in the subprime market seem likely to be contained.” He went on to say: “Overall the economy appears likely to expand at a moderate pace during the upcoming quarters.” Several months after Bernanke’s remarks to Congress, the U.S. experienced a seismic banking crisis and collapses of the equity and credit markets not witnessed since the Great Depression. With the many economists on his staff and sophisticated economic models at his fingertips, he was unaware of the massive economic crises only months away.

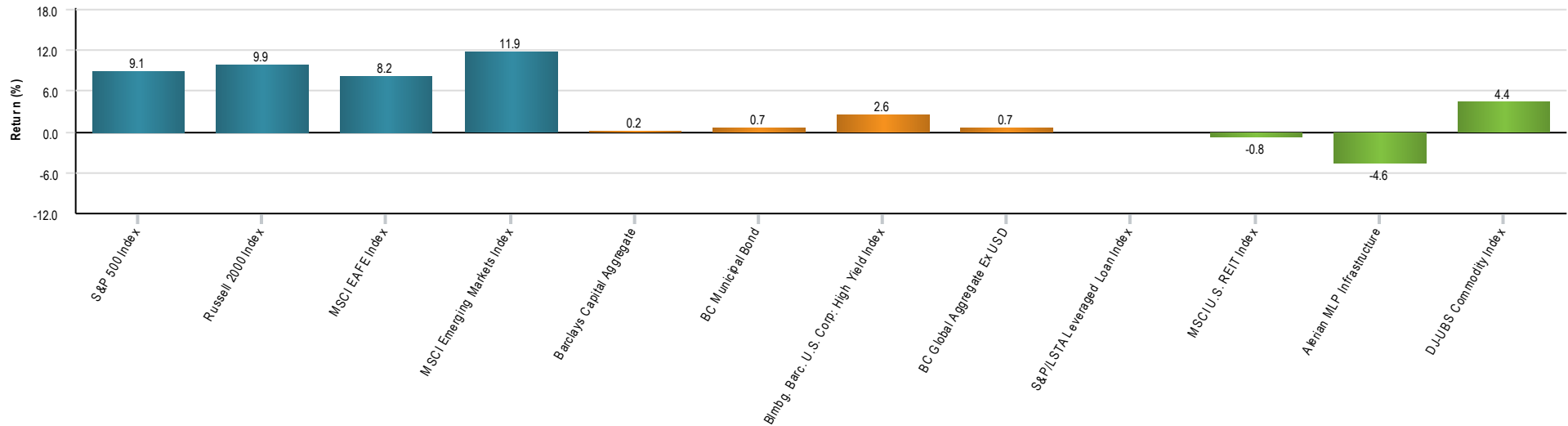
Forty years ago, Nobel Laureate Friedrich Hayek said: “Not only were economists unsure about their predictions, but their tendency to present their findings with certainty of the language of science were misleading and had deplorable effects.” In September 2017 (per Adam Shaw), Prakash Loungani of the International Monetary Fund, reviewed the accuracy of economic forecasters and found that only two (2) of the past 150 recessions were predicted in advance. It would appear in the words of Mark Pearson, of the Organization for Economic Co-operation and Development in Paris, “We are getting worse at making forecasts because the world is getting more complicated.”

Wall Street strategists now practice “the art of the plausible.” With the understanding that markets in any given year are inherently unpredictable, they construct a reasonable forecast using consensus assumptions. Yet what is plausible is not always probable, as the ultimate outcome (Michael Santoli, CNBC). The consensus strategist forecast for the S&P 500 typically falls in the 5% to 10% range. Currently, CNBC’s strategist survey shows an average predicted 2020 S&P 500 gain of 5% with the maximum forecast of 9%. This range seems reasonable since the long-term average annualized gain for U.S. stocks is around 8%. Yet counterintuitively, the short term rarely conforms to the long-term average. Since 1928, the S&P has only showed a gain of between 5% and 10% six out of the 91 calendar years – suggesting the consensus forecast for a high-single-digit rise in 2020 has a 93% chance of being wrong.

Going into 2019, equities were at bear market levels and strategists, as a group were looking for a rebound of 11%. This would simply have the index recovering back to its prior record high. Actual experience for 2019 was a huge run higher in stocks with the S&P 500 up over 31%. Moody’s reported in 2018: “It is smart to assume the price-to-earnings multiples will moderate by late 2018 because the end of this already-long expansion will be 12-months closer.” To the contrary, the S&P 500 experienced a multiple expansion from 14.4x to 18.2x on its forward P/E in 2019.

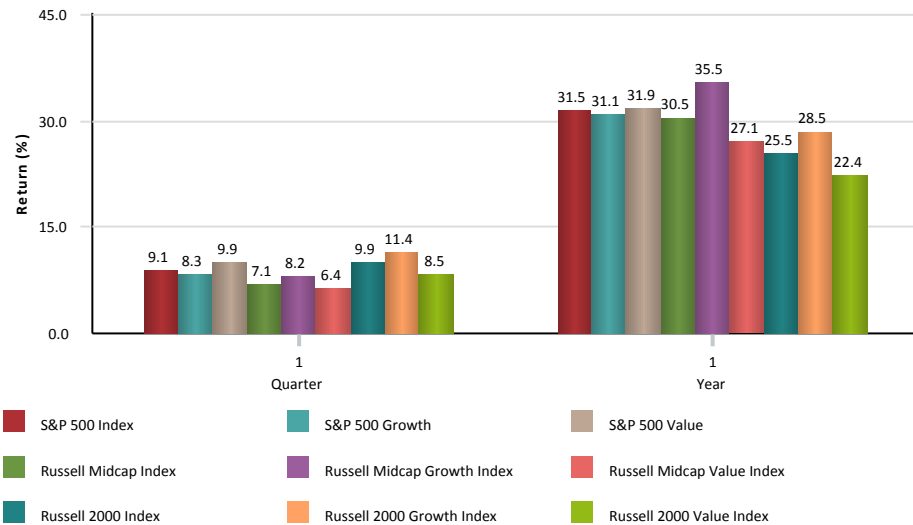
It is BCA’s view that Wall Street firms make predictions because their clients want to be informed, but in fact, stock and bond predictions invite investors to react by changing asset allocations and generating fees to their advisers. The problem with forecasting anything is that a small change in a few variables can make predictions impossibly complex. Reliable and meaningful predictions of capital markets is inherently impossible. It is not a science and remains an art.

## 1 Quarter Performance



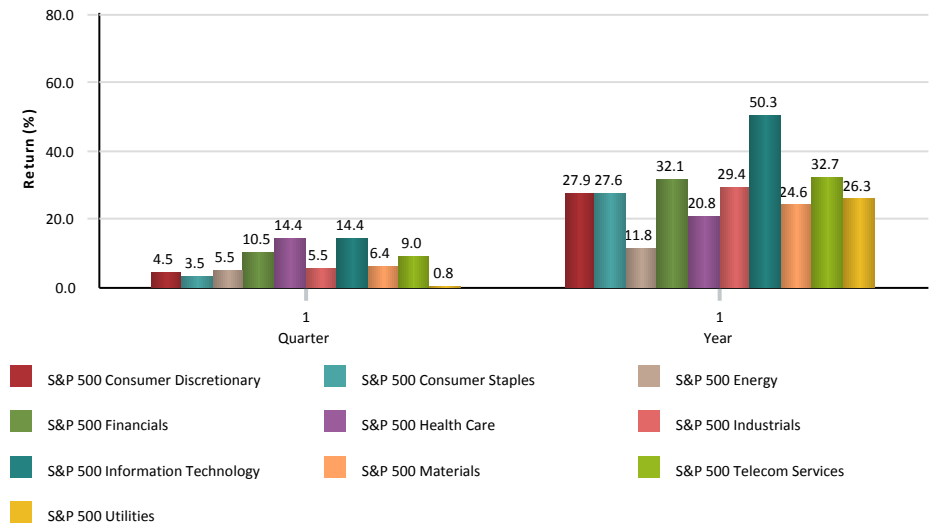
Source: Investment Metrics, LLC

## US Market Indices Performance



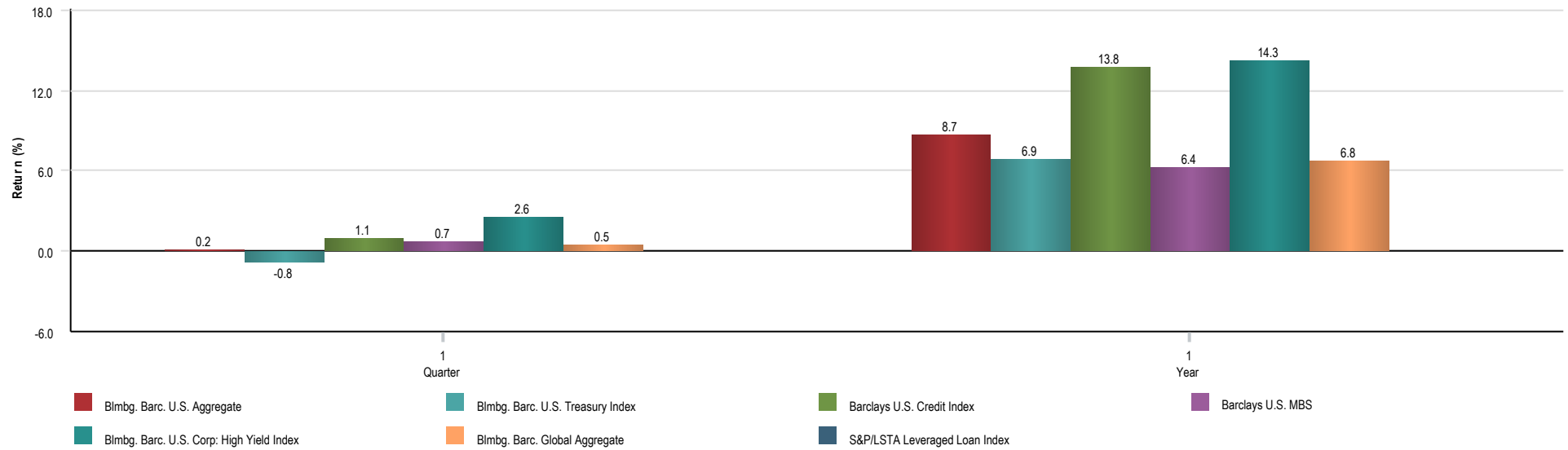
Source: Investment Metrics, LLC

## US Market Sector Performance



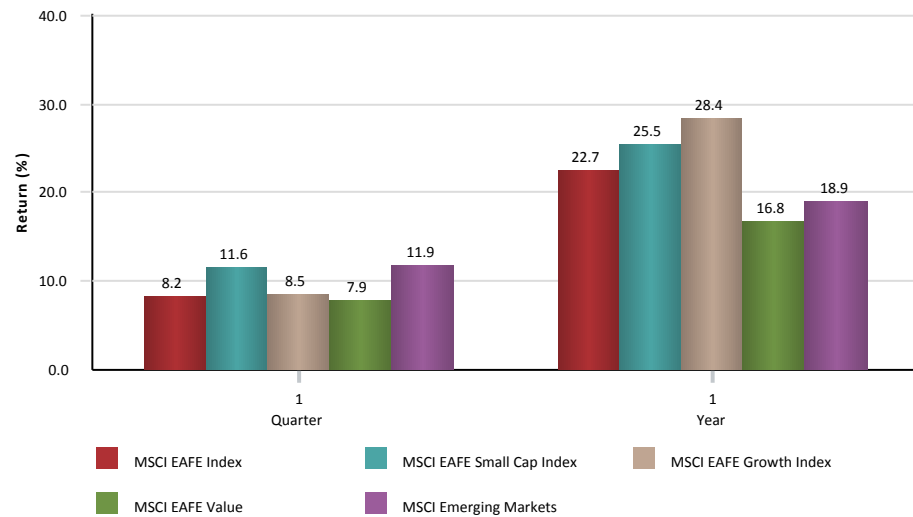
Source: Investment Metrics, LLC

## Fixed Income Market Sector Performance



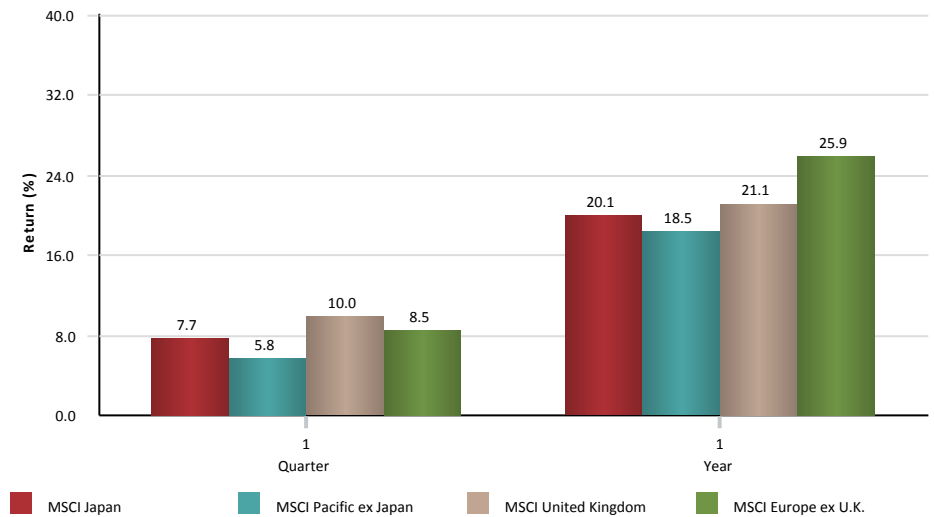
Source: Investment Metrics, LLC

## Intl Equity Indices Performance



Source: Investment Metrics, LLC

## Intl Equity Region Performance



Source: Investment Metrics, LLC

# Amalgamated Transit Union, Local 1596 Pension Fund

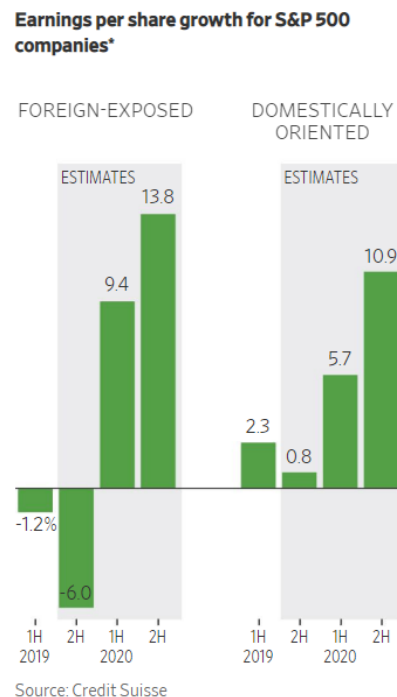
## Total Fund

### Investment Summary

#### December 31, 2019

Despite an inverted yield curve late last summer and fears over global trade and a looming recession, U.S. stocks recorded their second-best calendar year return since the financial crisis. As we enter 2020, we are faced with several shifts in market risk: abating trade conflict, rising political risk in the U.S. and the Middle East, expanded P/E ratios, and continued manufacturing slowdown.

In order for the bull market to continue, investors are expecting higher growth rates over the next 12 months. See chart below:



□ For the quarter, the Fund earned \$9.2 million or +6.0% gross (+5.9% net), ahead of the target objective (+5.6%). The top performing assets were: Eagle large-cap value (+10.6%), EuroPacific Growth (+10.2%) and Fidelity Small Cap Index fund (+10.0%).

□ For the one-year period, the Fund earned \$28.3 million or +20.8% gross (+20.4% net), ahead of the target objective (+20.2%) and ranked in the top 17th percentile. The three best performing assets were: Voya large-cap growth (+33.6%), Eagle large-cap value (+31.7%) and EuroPacific Growth (+28.0%).

□ For the three and five-year periods, the Fund earned +10.1% and +7.6% gross, ranking in the top 23rd and 22nd percentiles, respectively.



**Amalgamated Transit Union, Local 1596 Pension Fund  
Total Fund  
Manager Commentary  
December 31, 2019**

**Manager Review and Strategy:**

- Fiduciary LCV trailed its benchmark for the quarter (+5.8% vs. +7.4%) and the one-year period (+24.2% vs. +26.5%). Five-year result (+10.3% vs. +8.3%) ranked in the top 23rd percentile.
- Eagle LCV beat its benchmark for the quarter (+10.6% vs. +7.4%) and one-year (+31.7% vs. +26.5%). Five-year results (+12.7% vs. +8.3%) ranked in the top 4th percentile.
- Voya LCG underperformed its benchmark for the quarter (+9.4% vs. +10.6%) and one-year period (+33.6% vs. +36.4%).
- Cohen & Steers Global Infrastructure CIT and Lazard Global Listed Infrastructure mutual fund combined performance was behind the benchmark for the quarter (+3.4% vs. +3.9%).
- EuroPacific international equity results were ahead of the benchmark for the quarter (+10.2% vs. +9.0%), ranking in the top 42nd percentile. Three (+13.0% vs. +10.4%) and five-year results (+7.9% vs. +6.0%) ranked in the top 23rd and 19th percentiles, respectively.
- JP Morgan private real estate results beat its benchmark for the quarter (+2.3% vs. +1.5%). The product has returned on average 8.6% per year for five years.
- In December 2019, \$2 million and \$5 million were liquidated from the Fidelity Small Cap and Fidelity US Bond funds, respectively. The proceeds went to open the following new accounts: \$1 million to DRZ small-cap value, \$1 million to Fiduciary small-cap core and \$5 million to Integrity Core Fixed Income.



**Amalgamated Transit Union, Local 1596 Pension Fund**  
**Total Fund**  
**Investment Policy Review**  
**December 31, 2019**

International investments are within 25% of the total portfolio at market.

Investments in equity securities are within the 70% limitation.

Cash in R&D account did not exceed \$1 million.

**Yes**

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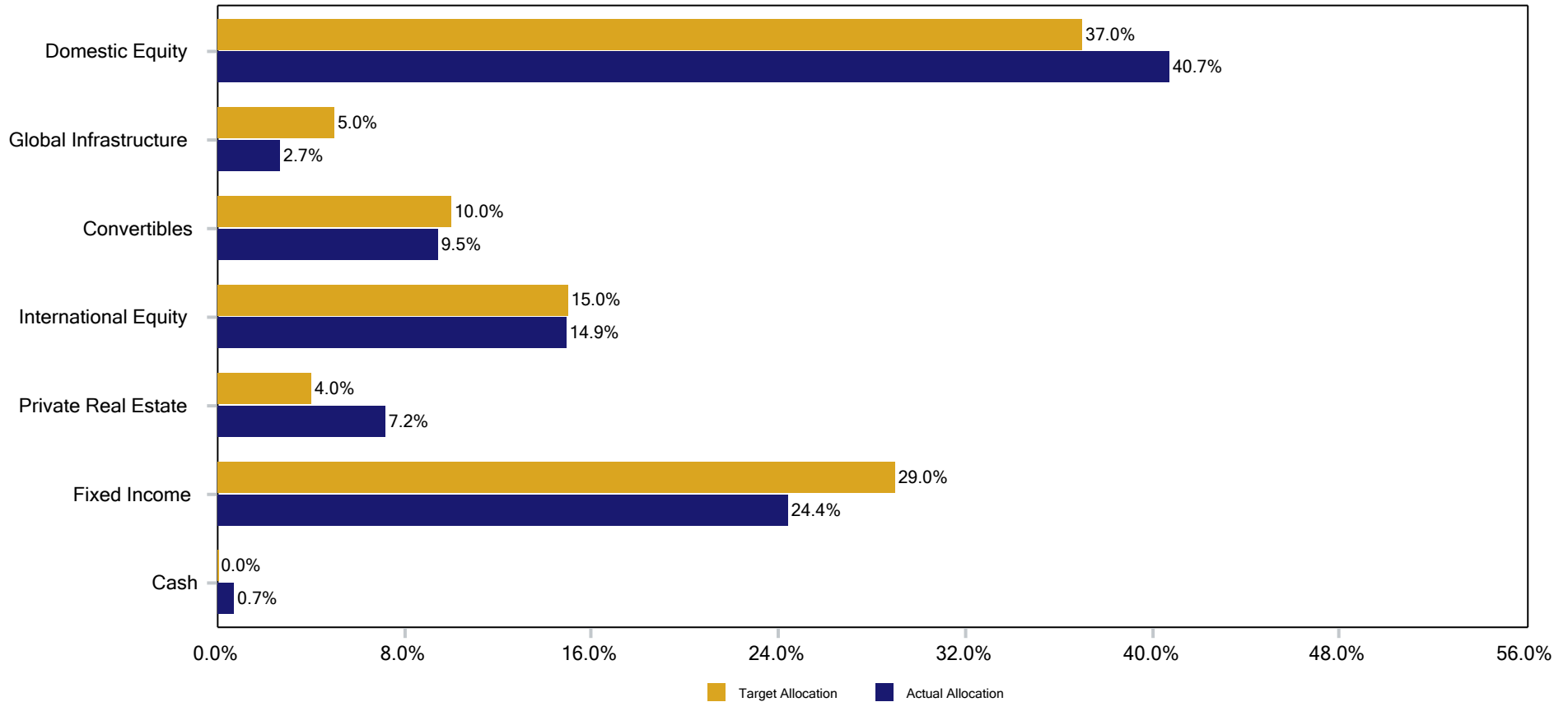
**No**

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**Amalgamated Transit Union Local 1596 Pension Fund**  
**Investment Performance - Net**  
**December 31, 2019**

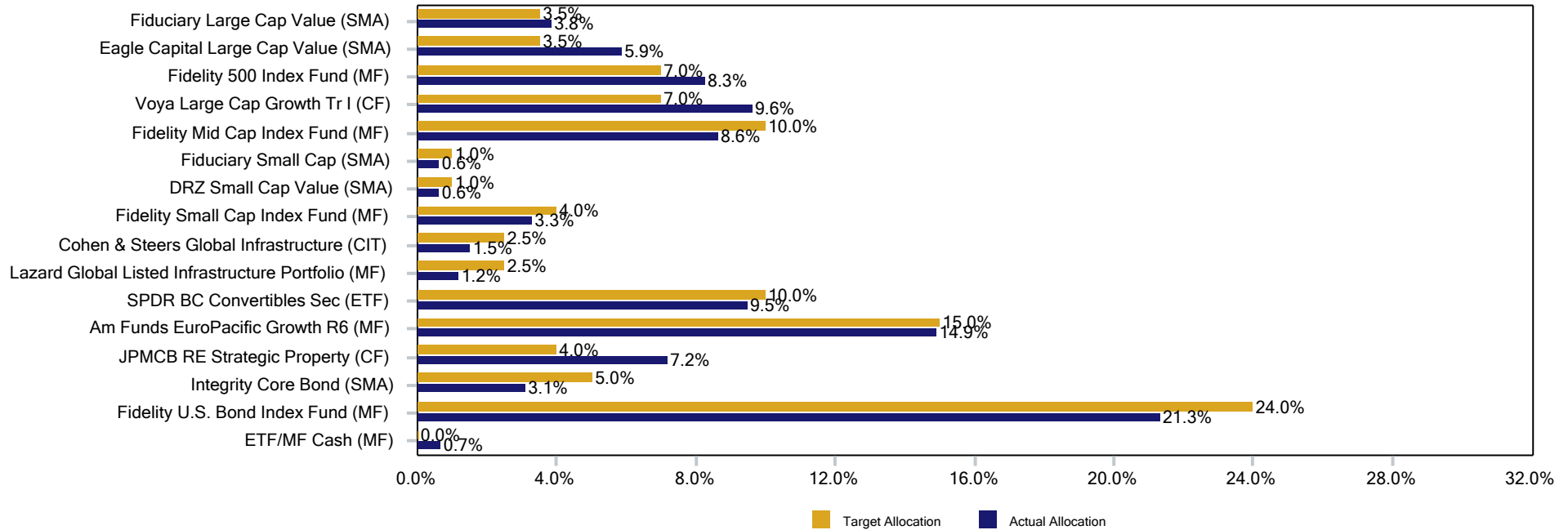
	<u>Quarter</u>	<u>One Year</u>	<u>Three Years</u>	<u>Five Years</u>
Beginning Market Value	155,031,456	139,114,011	130,390,655	124,057,855
Contributions	-1,184,387	-4,375,587	-8,914,899	-12,030,702
Gain/Loss	9,178,168	28,286,814	41,549,483	50,998,085
Ending Market Value	163,025,238	163,025,238	163,025,238	163,025,238
Total Fund (%)	5.9	20.4	9.7	7.2
Target Allocation Objective	5.6	20.2	9.0	6.8

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Actual vs. Target Asset Allocation**  
**December 31, 2019**



	Market Value Actual \$	Percent Actual	Percent Target	Percent Difference
Total Fund	163,025,238	100.0	100.0	0.0
Domestic Equity	66,384,588	40.7	37.0	3.7
Global Infrastructure	4,363,303	2.7	5.0	-2.3
Convertibles	15,420,398	9.5	10.0	-0.5
International Equity	24,307,596	14.9	15.0	-0.1
Private Real Estate	11,675,321	7.2	4.0	3.2
Fixed Income	39,775,955	24.4	29.0	-4.6
Cash	1,098,077	0.7	0.0	0.7

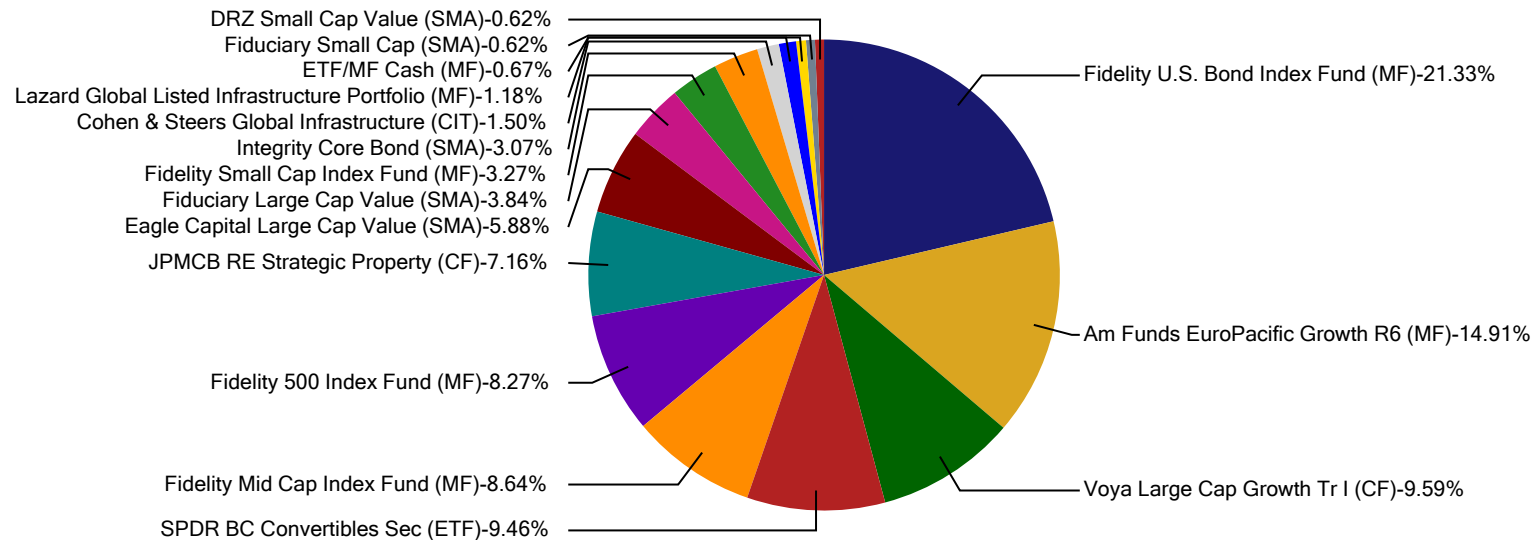
**Amalgamated Transit Union Local 1596 Pension Fund**  
**Actual vs. Target Asset Allocation**  
**December 31, 2019**



	Market Value Actual \$	Percent Actual	Percent Target	Percent Difference
Total Fund	163,025,238	100.0	100.0	0.0
Fiduciary Large Cap Value (SMA)	6,268,203	3.8	3.5	0.3
Eagle Capital Large Cap Value (SMA)	9,582,894	5.9	3.5	2.4
Fidelity 500 Index Fund (MF)	13,478,157	8.3	7.0	1.3
Voya Large Cap Growth Tr I (CF)	15,635,515	9.6	7.0	2.6
Fidelity Mid Cap Index Fund (MF)	14,077,682	8.6	10.0	-1.4
Fiduciary Small Cap (SMA)	1,004,695	0.6	1.0	-0.4
DRZ Small Cap Value (SMA)	1,003,016	0.6	1.0	-0.4
Fidelity Small Cap Index Fund (MF)	5,334,427	3.3	4.0	-0.7
Cohen & Steers Global Infrastructure (CIT)	2,438,639	1.5	2.5	-1.0
Lazard Global Listed Infrastructure Portfolio (MF)	1,924,664	1.2	2.5	-1.3
SPDR BC Convertibles Sec (ETF)	15,420,398	9.5	10.0	-0.5
Am Funds EuroPacific Growth R6 (MF)	24,307,596	14.9	15.0	-0.1
JPMCB RE Strategic Property (CF)	11,675,321	7.2	4.0	3.2
Integrity Core Bond (SMA)	5,007,902	3.1	5.0	-1.9
Fidelity U.S. Bond Index Fund (MF)	34,768,052	21.3	24.0	-2.7
ETF/MF Cash (MF)	1,098,077	0.7	0.0	0.7

## Amalgamated Transit Union Local 1596 Pension Fund Asset Allocation

December 31, 2019 : 163,025,238

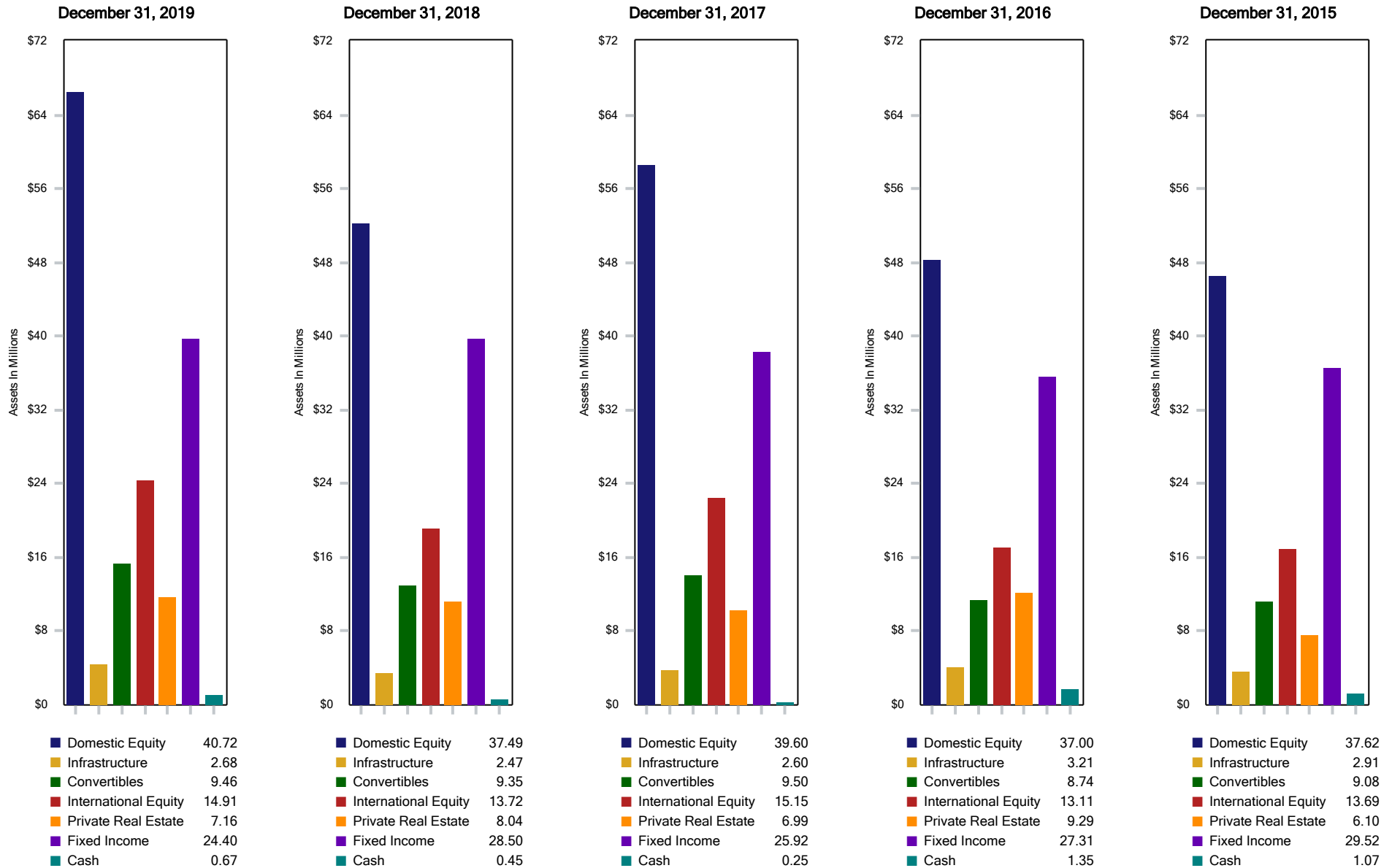


	<u>Market Value \$</u>	<u>Allocation (%)</u>
Fidelity U.S. Bond Index Fund (MF)	34,768,052	21.33
Am Funds EuroPacific Growth R6 (MF)	24,307,596	14.91
Voya Large Cap Growth Tr I (CF)	15,635,515	9.59
SPDR BC Convertibles Sec (ETF)	15,420,398	9.46
Fidelity Mid Cap Index Fund (MF)	14,077,682	8.64
Fidelity 500 Index Fund (MF)	13,478,157	8.27
JPMCB RE Strategic Property (CF)	11,675,321	7.16
Eagle Capital Large Cap Value (SMA)	9,582,894	5.88
Fiduciary Large Cap Value (SMA)	6,268,203	3.84
Fidelity Small Cap Index Fund (MF)	5,334,427	3.27
Integrity Core Bond (SMA)	5,007,902	3.07
Cohen & Steers Global Infrastructure (CIT)	2,438,639	1.50
Lazard Global Listed Infrastructure Portfolio (MF)	1,924,664	1.18
ETF/MF Cash (MF)	1,098,077	0.67
Fiduciary Small Cap (SMA)	1,004,695	0.62
DRZ Small Cap Value (SMA)	1,003,016	0.62

# Amalgamated Transit Union Local 1596 Pension Fund

## Historical Asset Allocation

### December 31, 2019



**Amalgamated Transit Union Local 1596 Pension Fund**  
**Asset Allocation & Performance - Gross**  
**December 31, 2019**

	Market Value	QTD ROR - Rank	1 Year ROR - Rank	3 Year ROR - Rank	5 Year ROR - Rank
<b>Total Fund</b>	<b>163,025,238</b>	<b>6.0 (17)</b>	<b>20.8 (17)</b>	<b>10.1 (23)</b>	<b>7.6 (22)</b>
Benchmark Objective (60/40)		5.5	22.2	10.9	8.4
Target Allocation Objective		5.6	20.2	9.0	6.8
<b>Equity</b>	<b>110,475,885</b>	<b>8.7</b>	<b>28.5</b>	<b>13.2</b>	<b>9.6</b>
<b>Domestic Equity</b>	<b>66,384,588</b>	<b>8.7</b>	<b>30.0</b>	<b>14.4</b>	<b>11.5</b>
Fiduciary Large Cap Value (SMA)	6,268,203	5.8 (89)	24.2 (79)	13.0 (23)	10.3 (23)
Eagle Capital Large Cap Value (SMA)	9,582,894	10.6 (11)	31.7 (16)	16.5 (4)	12.7 (4)
Russell 1000 Value Index		7.4	26.5	9.7	8.3
Fidelity 500 Index Fund (MF)	13,478,157	9.1	N/A	N/A	N/A
S&P 500 Index		9.1	31.5	15.3	11.7
Voya Large Cap Growth Tr I (CF)	15,635,515	9.4 (56)	33.6 (55)	20.0 (45)	14.0 (43)
Russell 1000 Growth Index		10.6	36.4	20.5	14.6
Fidelity Mid Cap Index Fund (MF)	14,077,682	7.1	N/A	N/A	N/A
Russell Midcap Index		7.1	30.5	12.1	9.3
DRZ Small Cap Value (SMA)	1,003,016	N/A	N/A	N/A	N/A
Russell 2000 Value Index		8.5	22.4	4.8	7.0
Fiduciary Small Cap (SMA)	1,004,695	N/A	N/A	N/A	N/A
Fidelity Small Cap Index Fund (MF)	5,334,427	10.0	N/A	N/A	N/A
Russell 2000 Index		9.9	25.5	8.6	8.2
<b>Global Infrastructure</b>	<b>4,363,303</b>	<b>3.4</b>	<b>23.5</b>	<b>N/A</b>	<b>N/A</b>
Cohen & Steers Global Infrastructure (CIT)	2,438,639	3.0	N/A	N/A	N/A
Lazard Global Listed Infrastructure Portfolio (MF)	1,924,664	4.0	23.4	N/A	N/A
FTSE Global Core Infrastructure 50/50 Index		3.9	26.1	13.4	8.4

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Asset Allocation & Performance - Gross**  
**December 31, 2019**

	Market Value	QTD ROR - Rank	1 Year ROR - Rank	3 Year ROR - Rank	5 Year ROR - Rank
<b>Convertibles</b>	<b>15,420,398</b>	<b>7.8</b>	<b>22.9</b>	<b>12.0</b>	<b>9.2</b>
SPDR BC Convertibles Sec (ETF)	15,420,398	7.8	22.9	12.0	9.2
Blmbg. Barc. U.S. Convertibles: 500MM		7.9	22.8	12.3	9.2
<b>International Equity</b>	<b>24,307,596</b>	<b>10.2</b>	<b>28.0</b>	<b>13.0</b>	<b>7.9</b>
Am Funds EuroPacific Growth R6 (MF)	24,307,596	10.2	28.0	13.0	7.9
International Benchmark		9.0	22.1	10.4	6.0
<b>Private Real Estate</b>	<b>11,675,321</b>	<b>2.3</b>	<b>4.4</b>	<b>6.5</b>	<b>8.6</b>
JPMCB RE Strategic Property (CF)	11,675,321	2.3	4.4	6.5	8.6
NCREIF Fund Index-ODCE (VW)		1.5	5.3	7.1	9.0
<b>Fixed Income</b>	<b>39,775,955</b>	<b>0.3</b>	<b>8.6</b>	<b>4.0</b>	<b>3.1</b>
Fidelity U.S. Bond Index Fund (MF)	34,768,052	0.3	N/A	N/A	N/A
Integrity Core Bond (SMA)	5,007,902	N/A	N/A	N/A	N/A
Blmbg. Barc. U.S. Aggregate Index		0.2	8.7	4.0	3.0
<b>Cash</b>	<b>1,098,077</b>	<b>0.4</b>	<b>1.9</b>	<b>1.4</b>	<b>0.9</b>
ETF/MF Cash (MF)	1,098,077	0.4	1.9	1.4	0.9
ICE BofAML 3 Month U.S. T-Bill		0.5	2.3	1.7	1.1

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Asset Allocation & Performance - Net**  
**December 31, 2019**

	Market Value	QTD ROR - Rank	1 Year ROR - Rank	3 Year ROR - Rank	5 Year ROR - Rank
<b>Total Fund</b>	<b>163,025,238</b>	<b>5.9</b>	<b>20.4</b>	<b>9.7</b>	<b>7.2</b>
Benchmark Objective (60/40)		5.5	22.2	10.9	8.4
Target Allocation Objective		5.6	20.2	9.0	6.8
<b>Equity</b>	<b>110,475,885</b>	<b>8.6</b>	<b>28.0</b>	<b>12.8</b>	<b>9.2</b>
<b>Domestic Equity</b>	<b>66,384,588</b>	<b>8.6</b>	<b>29.6</b>	<b>14.0</b>	<b>11.2</b>
Fiduciary Large Cap Value (SMA)	6,268,203	5.6	23.5	12.3	9.6
Eagle Capital Large Cap Value (SMA)	9,582,894	10.4	30.5	15.4	11.7
Russell 1000 Value Index		7.4	26.5	9.7	8.3
Fidelity 500 Index Fund (MF)	13,478,157	9.1 (38)	N/A	N/A	N/A
S&P 500 Index		9.1	31.5	15.3	11.7
Voya Large Cap Growth Tr I (CF)	15,635,515	9.3	32.9	19.3	13.4
Russell 1000 Growth Index		10.6	36.4	20.5	14.6
Fidelity Mid Cap Index Fund (MF)	14,077,682	7.1 (43)	N/A	N/A	N/A
Russell Midcap Index		7.1	30.5	12.1	9.3
DRZ Small Cap Value (SMA)	1,003,016	N/A	N/A	N/A	N/A
Russell 2000 Value Index		8.5	22.4	4.8	7.0
Fiduciary Small Cap (SMA)	1,004,695	N/A	N/A	N/A	N/A
Fidelity Small Cap Index Fund (MF)	5,334,427	10.0 (15)	N/A	N/A	N/A
Russell 2000 Index		9.9	25.5	8.6	8.2
<b>Global Infrastructure</b>	<b>4,363,303</b>	<b>3.2</b>	<b>22.5</b>	<b>N/A</b>	<b>N/A</b>
Cohen & Steers Global Infrastructure (CIT)	2,438,639	2.8 (79)	N/A	N/A	N/A
Lazard Global Listed Infrastructure Portfolio (MF)	1,924,664	3.8 (65)	22.3 (92)	N/A	N/A
FTSE Global Core Infrastructure 50/50 Index		3.9	26.1	13.4	8.4

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Asset Allocation & Performance - Net**  
**December 31, 2019**

	Market Value	QTD ROR - Rank	1 Year ROR - Rank	3 Year ROR - Rank	5 Year ROR - Rank
<b>Convertibles</b>	<b>15,420,398</b>	<b>7.7</b>	<b>22.4</b>	<b>11.5</b>	<b>8.8</b>
SPDR BC Convertibles Sec (ETF)	15,420,398	7.7 (15)	22.4 (65)	11.5 (49)	8.8 (20)
Blmbg. Barc. U.S. Convertibles: 500MM		7.9	22.8	12.3	9.2
<b>International Equity</b>	<b>24,307,596</b>	<b>10.1</b>	<b>27.4</b>	<b>12.5</b>	<b>N/A</b>
Am Funds EuroPacific Growth R6 (MF)	24,307,596	10.1 (42)	27.4 (20)	12.5 (23)	7.4 (19)
International Benchmark		9.0	22.1	10.4	6.0
<b>Private Real Estate</b>	<b>11,675,321</b>	<b>2.0</b>	<b>3.4</b>	<b>5.5</b>	<b>7.5</b>
JPMCB RE Strategic Property (CF)	11,675,321	2.0	3.4	5.5	7.5
NCREIF Fund Index-ODCE (VW)		1.5	5.3	7.1	9.0
<b>Fixed Income</b>	<b>39,775,955</b>	<b>0.3</b>	<b>8.5</b>	<b>3.9</b>	<b>3.0</b>
Fidelity U.S. Bond Index Fund (MF)	34,768,052	0.3 (64)	N/A	N/A	N/A
Integrity Core Bond (SMA)	5,007,902	N/A	N/A	N/A	N/A
Blmbg. Barc. U.S. Aggregate Index		0.2	8.7	4.0	3.0
<b>Cash</b>	<b>1,098,077</b>	<b>0.4</b>	<b>1.9</b>	<b>1.4</b>	<b>0.9</b>
ETF/MF Cash (MF)	1,098,077	0.4	1.9	1.4	0.9
ICE BofAML 3 Month U.S. T-Bill		0.5	2.3	1.7	1.1

**1 Benchmark Objective (60/40):** Since Feb 2008: 60% S&P 500 + 40%Barclay's Agg (fka LB Agg); from Dec'01: 35% R1000 + 10% R2000 +15% MSCI EAFE + 10% NCREIF +30% ML Domestic Bond.

**2 Target Allocation Objective:** Since Dec 2019 7% R1000 + 7% R1000V + 7% R1000G + 10% S&P 400 + 6.0% R2000 + 10% ML CNV X144A ALLQUAL + 5% FTSE Global Core 50/50 + 15% ACWI + 4% ODCE + 29% BC AGG. From Jan 2019: 7% R1000 + 7% R1000V + 7% R1000G + 10% S&P 400 + 6.0% R2000 + 10% ML CNV X144A ALLQUAL + 5% FTSE Global Core 50/50 + 15% ACWI + 4% ODCE + 27% BC AGG + 2% BC 1-10 YR TIPS. From Jun 2013: 7% R1000 + 7% R1000V + 7% R1000G + 10% S&P 400 + 6.0% R2000 + 10% ML CNV X144A ALLQUAL + 5% Alerian MLP + 15% ACWI + 4% ODCE + 27% BC AGG + 2% BC 1-10 YR TIPS. From Oct 2010: 7% R1000 + 7% R1000V + 7% R1000G + 10% S&P 400 + 6.0% R2000 + 10% ML CNV X144A ALLQUAL + 15% EAFE + 4% ODCE + 32% BC AGG + 2% BC 1-10 YR TIPS. From Feb 2008: 30% R1000 + 17% S&P 400 + 15% EAFE + 4% ODCE + 32% BC AGG + 2% BC 1-10 YR TIPS. From Jun 2007: 35% R1000 + 10.0% R2000 + 15% EAFE + 10% ODCE + 30% BofA ML US Domestic Master. From Dec 2004: 50% R3000 + 10.0% EAFE + 40% BofA ML Gov't/Corp Master.

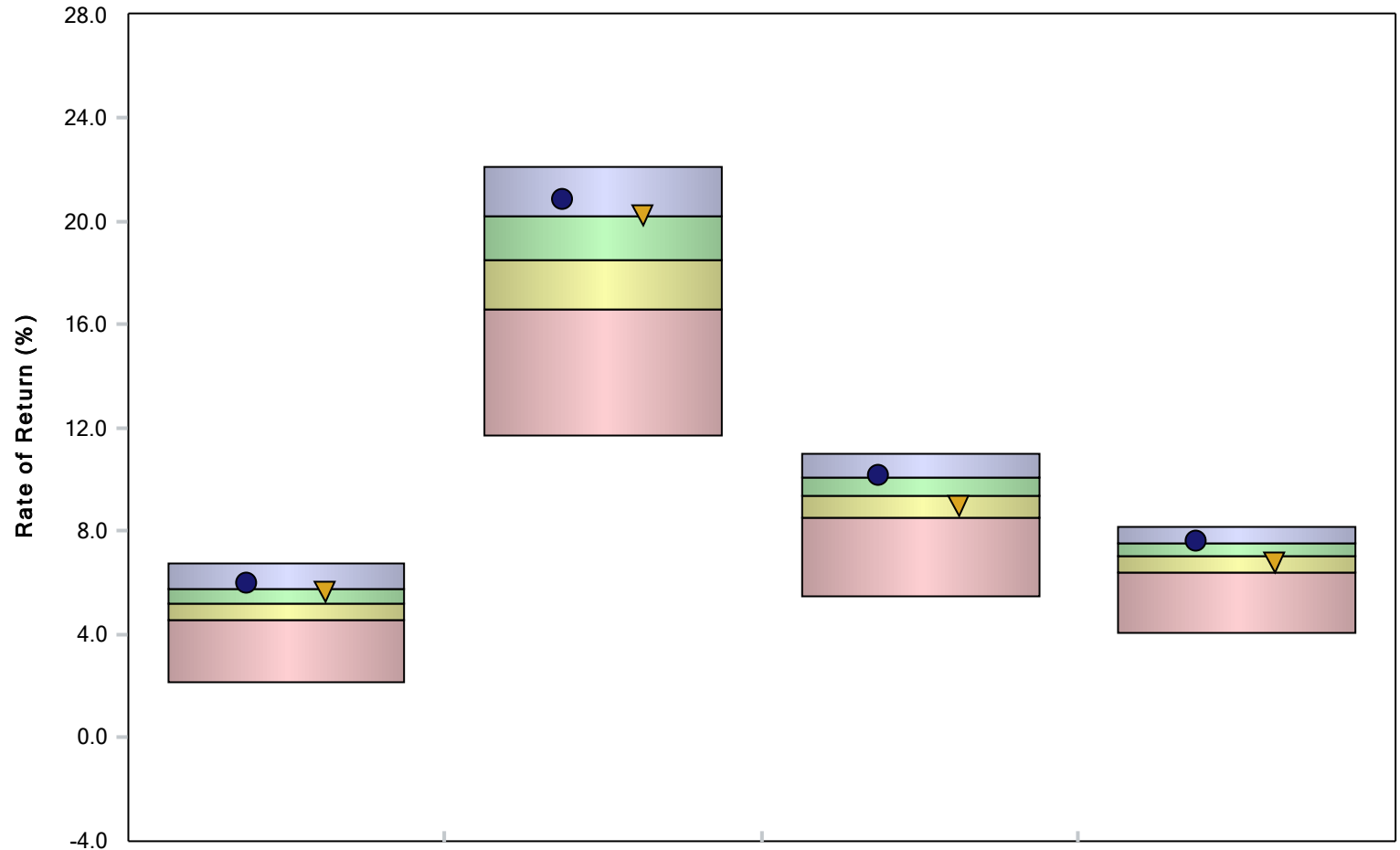
**3 International Benchmark:** Since Aug'14: 100% ACWI; Prior 100% EAFE

**4 Total Fixed Income Benchmark:** Since Dec 2019: 100% Barclays Agg. Prior was 93.1% BC Agg + 6.9% BC 1-10 Yr Tips.

**Amalgamated Transit Union Local 1596 Pension Fund  
Manager Quartile Rankings  
December 31, 2019**

	Quarter Ending Dec-2019 ROR - Rank	Quarter Ending Sep-2019 ROR - Rank	Quarter Ending Jun-2019 ROR - Rank	Quarter Ending Mar-2019 ROR - Rank
Fiduciary Large Cap Value (SMA)	5.8 (89)	1.0 (68)	5.3 (15)	10.4 (79)
Eagle Capital Large Cap Value (SMA)	10.6 (11)	-1.4 (97)	6.9 (5)	12.9 (25)
Voya Large Cap Growth Tr I (CF)	9.4 (56)	2.1 (20)	4.0 (73)	15.1 (64)
DRZ Small Cap Value (SMA)	N/A	N/A	N/A	N/A
Fiduciary Small Cap (SMA)	N/A	N/A	N/A	N/A
Cohen & Steers Global Infrastructure (CIT)	2.8 (79)	3.3 (19)	4.2 (75)	N/A
Lazard Global Listed Infrastructure Portfolio (MF)	3.8 (65)	3.0 (26)	4.5 (68)	9.5 (99)
Am Funds EuroPacific Growth R6 (MF)	10.1 (23)	-1.6 (57)	3.9 (72)	13.2 (26)
JPMCB RE Strategic Property (CF)	2.3 (18)	0.4 (97)	1.1 (74)	0.5 (100)
Integrity Core Bond (SMA)	N/A	N/A	N/A	N/A

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Peer Universe Quartile Ranking**  
**December 31, 2019**



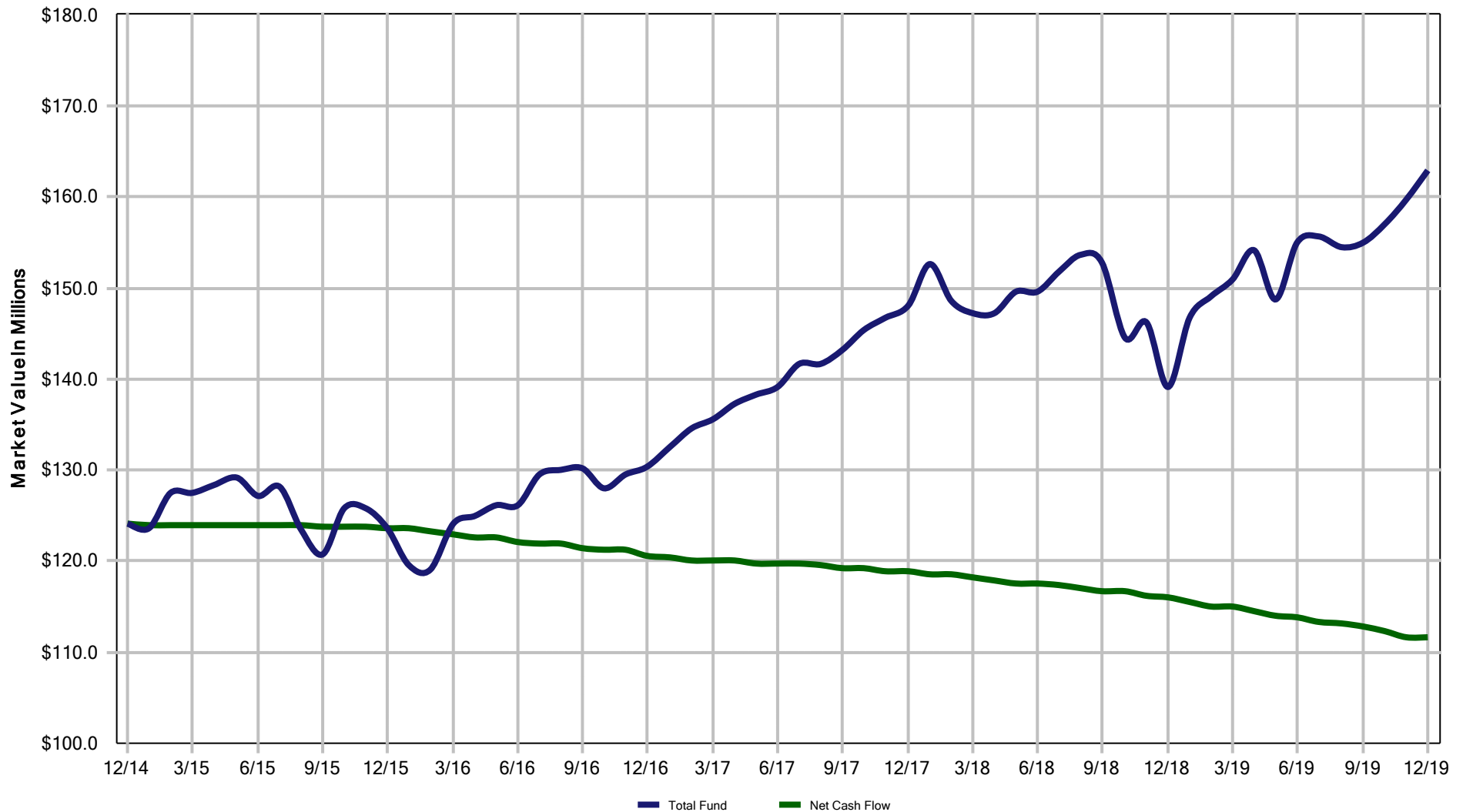
● Total Fund  
▼ Target Allocation Objective

	<u>Quarter</u>	<u>One Year</u>	<u>Three Years</u>	<u>Five Years</u>
	6.0 (17)	20.8 (17)	10.1 (23)	7.6 (22)
	5.6 (33)	20.2 (26)	9.0 (62)	6.8 (63)
5th Percentile	6.8	22.1	11.0	8.2
1st Quartile	5.7	20.2	10.1	7.6
Median	5.2	18.5	9.4	7.1
3rd Quartile	4.5	16.6	8.5	6.4
95th Percentile	2.2	11.7	5.5	4.1

Parentheses contain percentile rankings.

Calculation based on quarterly data.

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Growth of Investments**  
**January 1, 2015 Through December 31, 2019**



**Beginning MV**

\$124,057,855

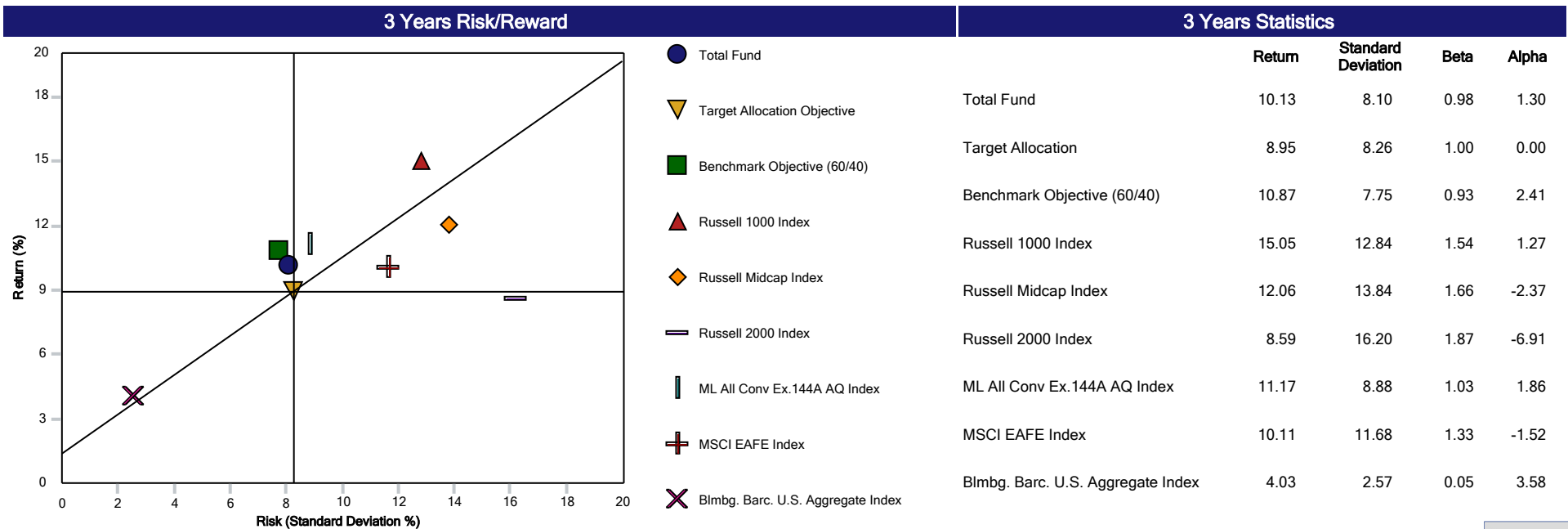
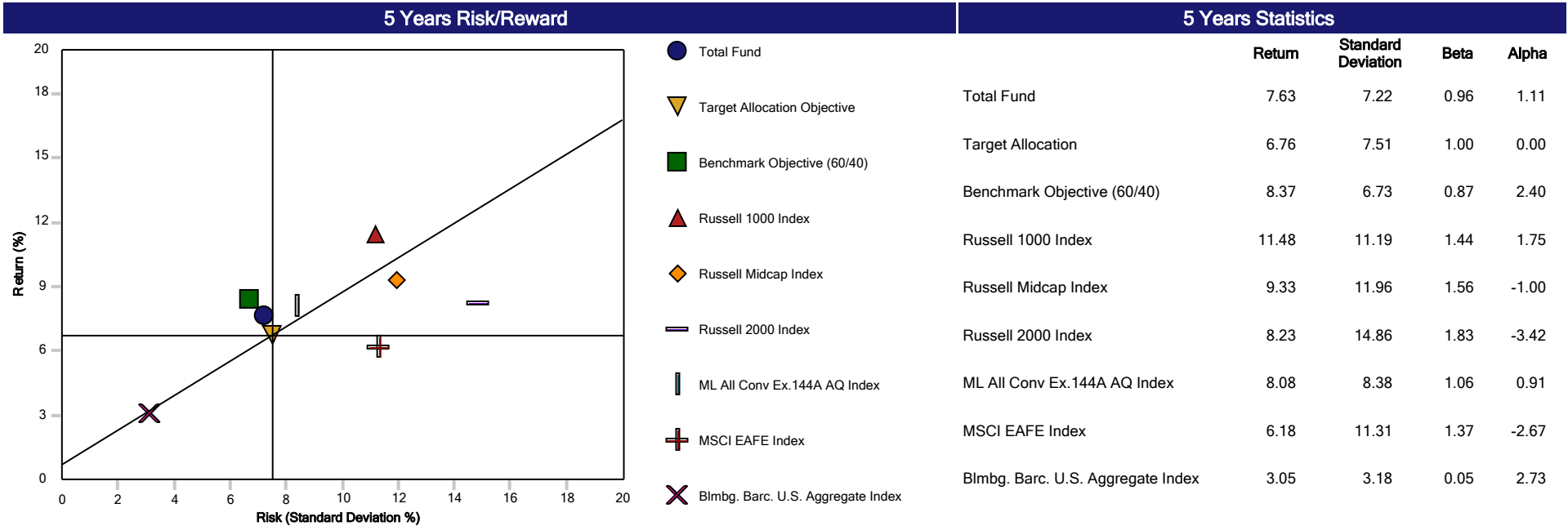
**Ending MV**

\$163,025,238

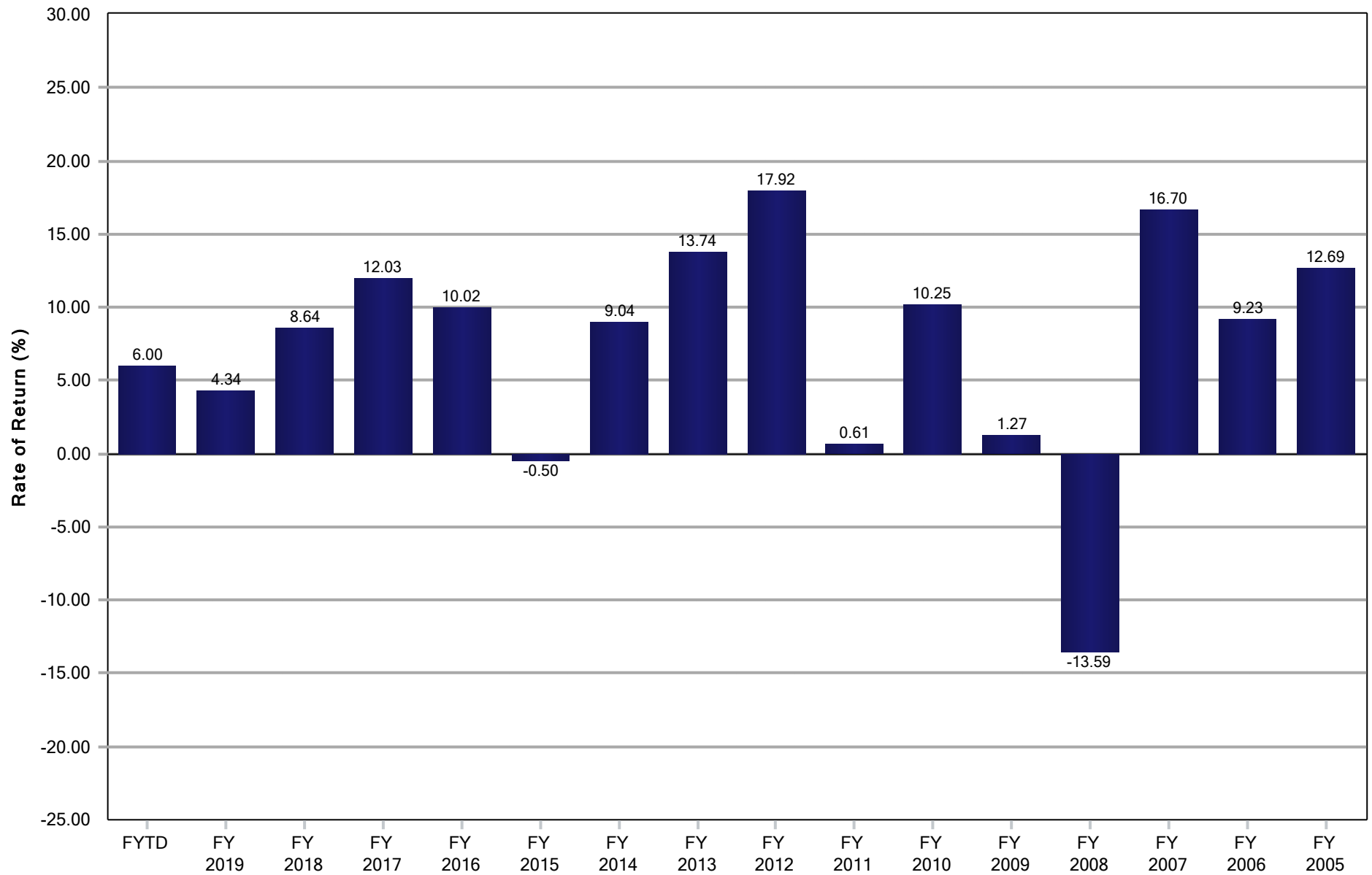
**Annualized ROR**

7.6

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Capital Market Line**  
**Period Ending December 31, 2019**



**Amalgamated Transit Union Local 1596 Pension Fund**  
**Fiscal Year Rates of Return**  
**December 31, 2019**

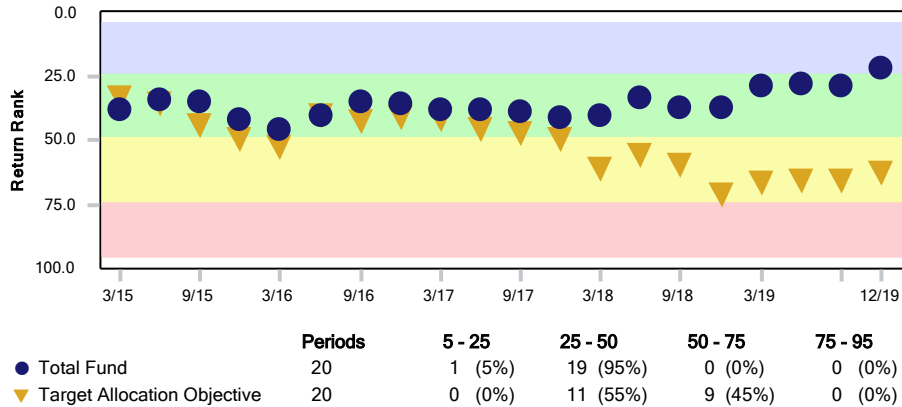


# Amalgamated Transit Union Local 1596 Pension Fund

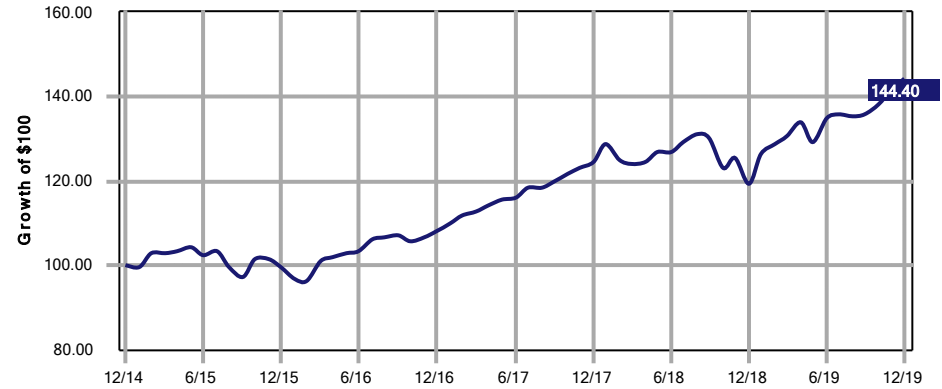
## Total Fund

### December 31, 2019

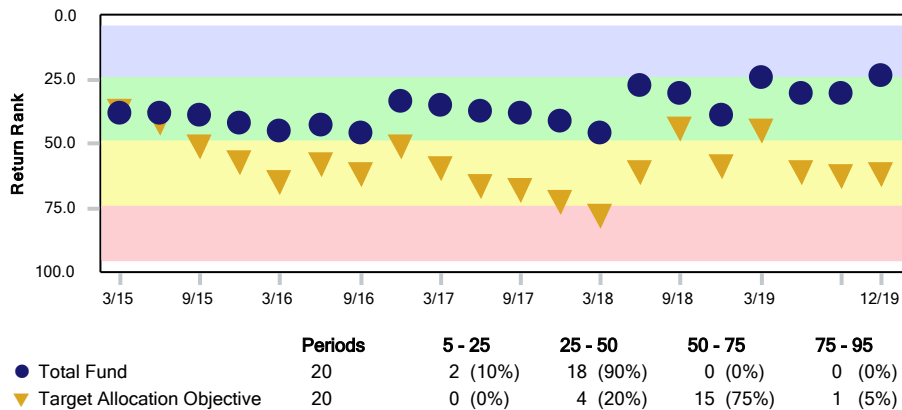
5 Years Rolling Percentile Ranking - 5 Years



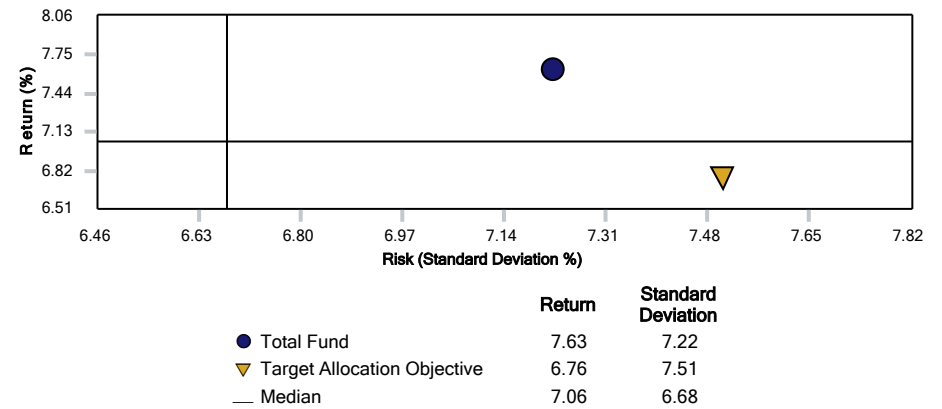
Growth of a Dollar



3 Years Rolling Percentile Ranking - 5 Years



Peer Group Risk/Reward - 5 Years



Historical Statistics - 5 Years

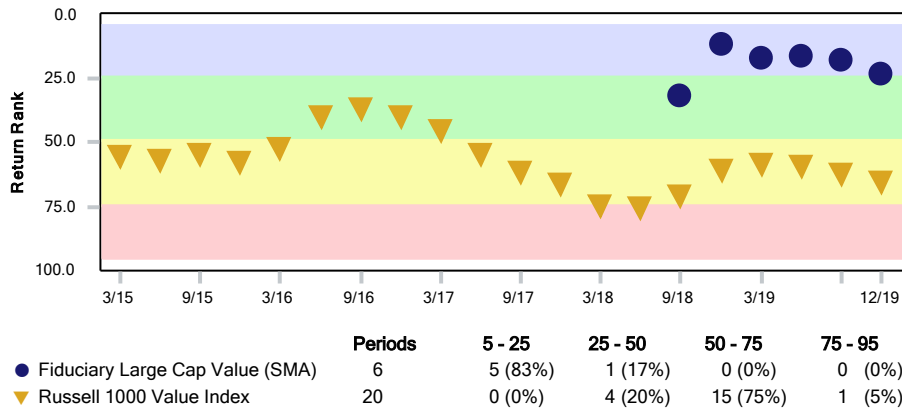
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Total Fund	7.63	7.22	1.11	0.96	0.92	82.86	102.33
Target Allocation Objective	6.76	7.51	0.00	1.00	0.78	100.00	100.00

Historical Statistics - 3 Years

	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Total Fund	10.13	8.10	1.30	0.98	1.04	86.00	105.06
Target Allocation Objective	8.95	8.26	0.00	1.00	0.89	100.00	100.00

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Fiduciary Large Cap Value (SMA)**  
**December 31, 2019**

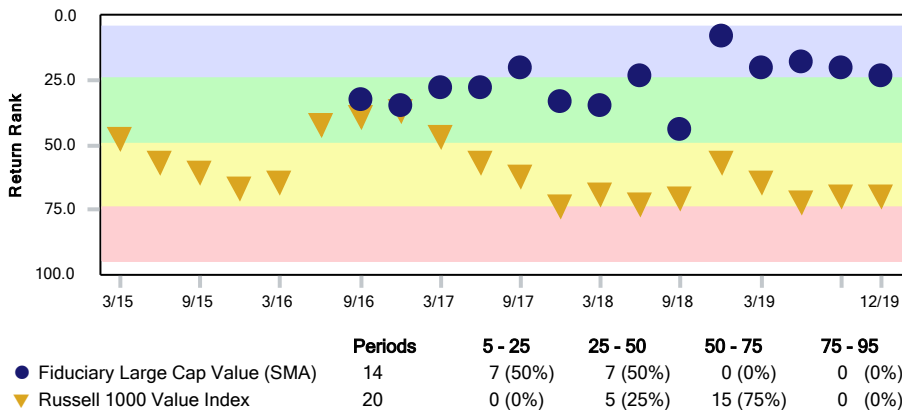
**5 Years Rolling Percentile Ranking - 5 Years**



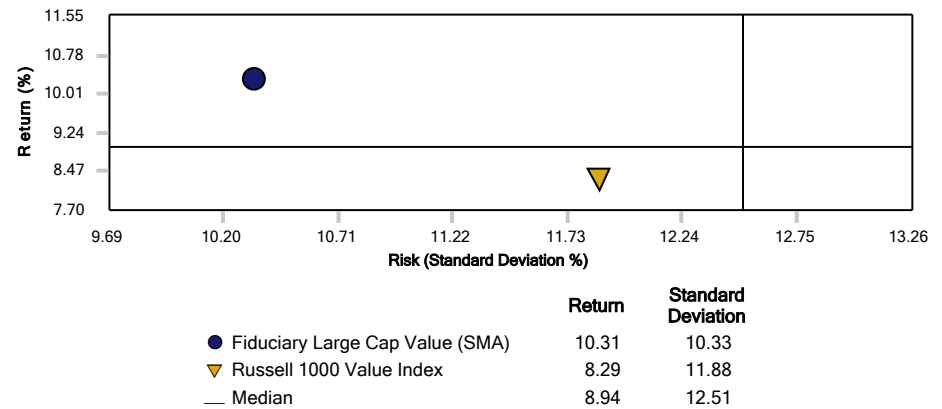
**Growth of a Dollar**



**3 Years Rolling Percentile Ranking - 5 Years**



**Peer Group Risk/Reward - 5 Years**



**Historical Statistics - 5 Years**

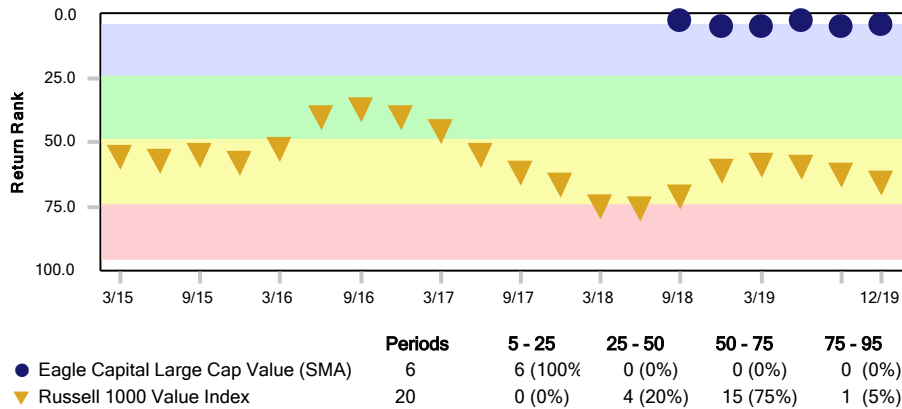
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Fiduciary Large Cap Value (SMA)	10.31	10.33	3.23	0.83	0.90	76.83	94.97
Russell 1000 Value Index	8.29	11.88	0.00	1.00	0.64	100.00	100.00

**Historical Statistics - 3 Years**

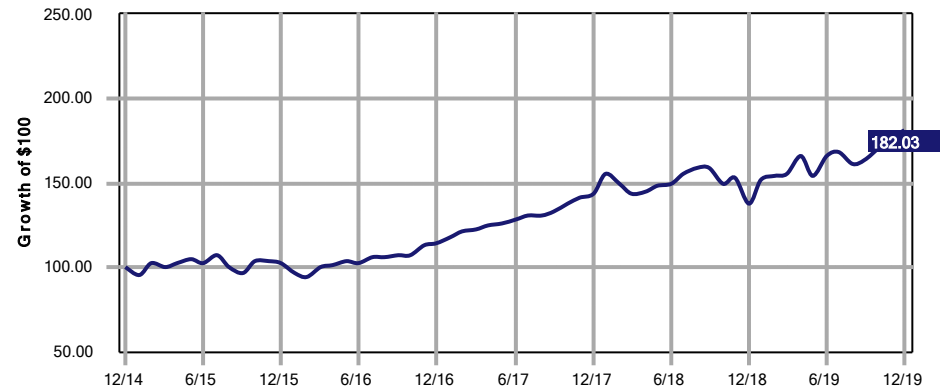
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Fiduciary Large Cap Value (SMA)	13.03	9.64	5.22	0.77	1.15	68.54	96.73
Russell 1000 Value Index	9.68	11.85	0.00	1.00	0.70	100.00	100.00

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Eagle Capital Large Cap Value (SMA)**  
**December 31, 2019**

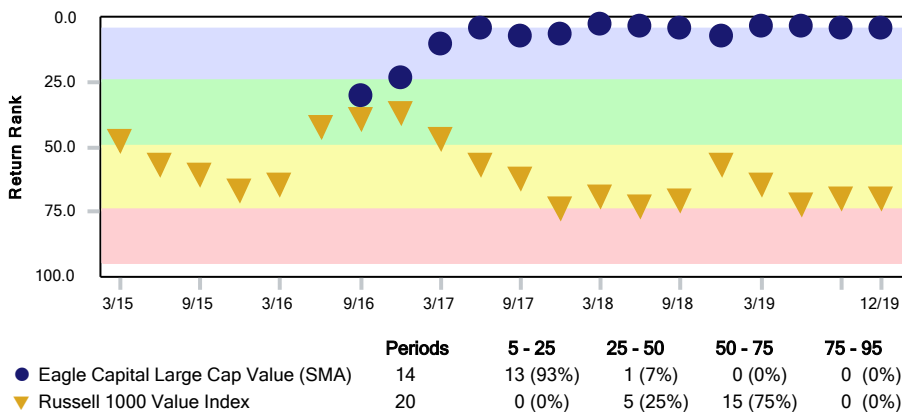
**5 Years Rolling Percentile Ranking - 5 Years**



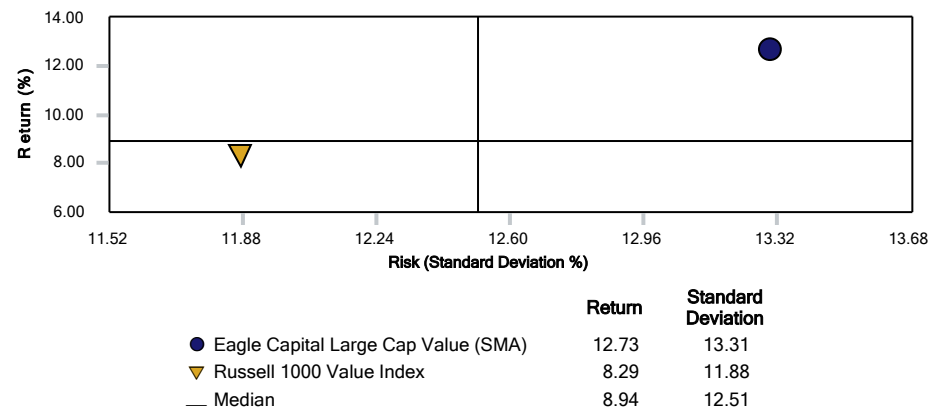
**Growth of a Dollar**



**3 Years Rolling Percentile Ranking - 5 Years**



**Peer Group Risk/Reward - 5 Years**



**Historical Statistics - 5 Years**

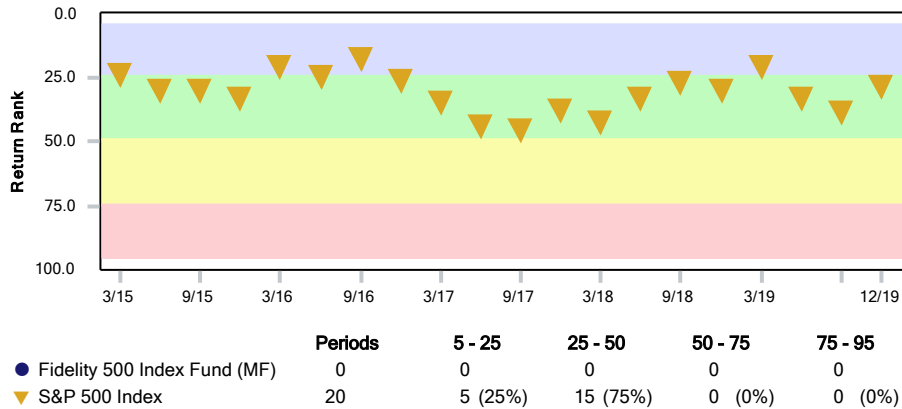
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Eagle Capital Large Cap Value (SMA)	12.73	13.31	3.89	1.05	0.89	96.39	118.65
Russell 1000 Value Index	8.29	11.88	0.00	1.00	0.64	100.00	100.00

**Historical Statistics - 3 Years**

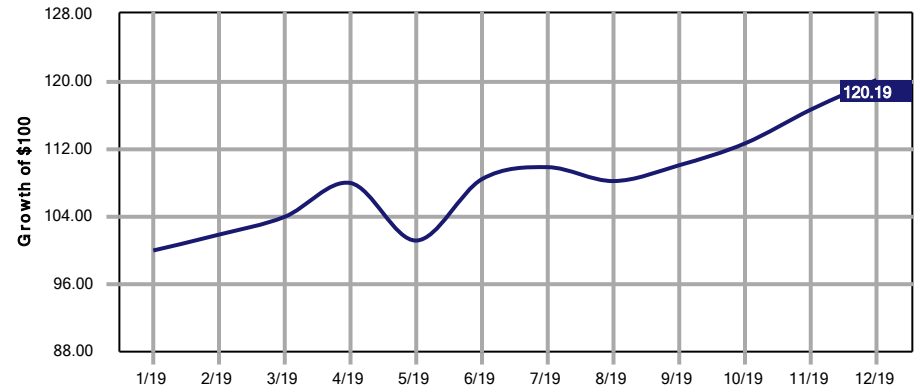
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Eagle Capital Large Cap Value (SMA)	16.46	13.66	5.63	1.08	1.07	91.91	125.63
Russell 1000 Value Index	9.68	11.85	0.00	1.00	0.70	100.00	100.00

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Fidelity 500 Index Fund (MF)**  
**December 31, 2019**

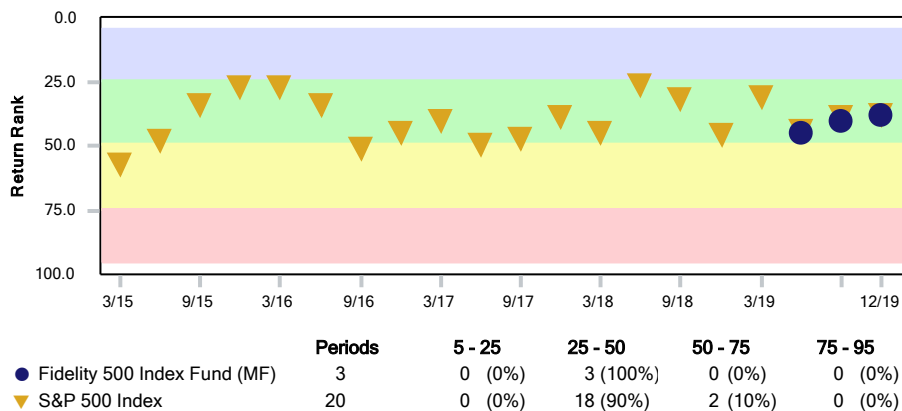
**1 Year Rolling Percentile Ranking - 5 Years**



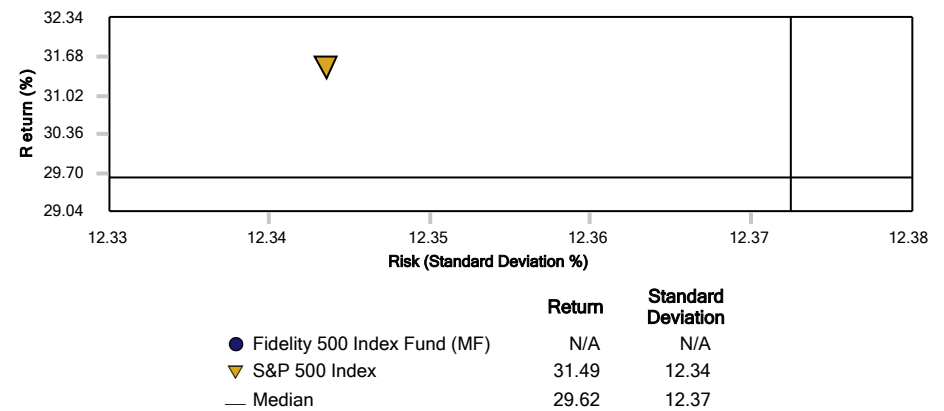
**Growth of a Dollar**



**1 Quarter Rolling Percentile Ranking - 5 Years**



**Peer Group Risk/Reward - 1 Year**



**Historical Statistics - 1 Year**

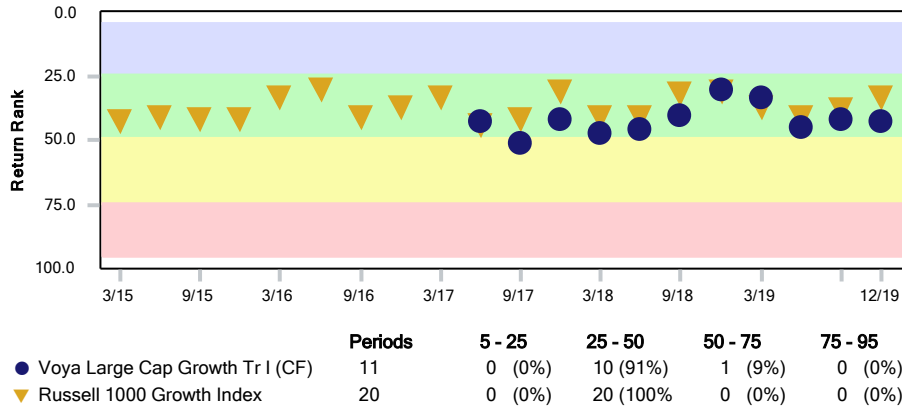
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Fidelity 500 Index Fund (MF)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S&P 500 Index	31.49	12.34	0.00	1.00	2.12	100.00	100.00

**Historical Statistics - 1 Quarter**

	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Fidelity 500 Index Fund (MF)	9.06	0.60	0.02	0.99	4.46	N/A	99.92
S&P 500 Index	9.07	0.60	0.00	1.00	4.43	N/A	100.00

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Voya Large Cap Growth Tr I (CF)**  
**December 31, 2019**

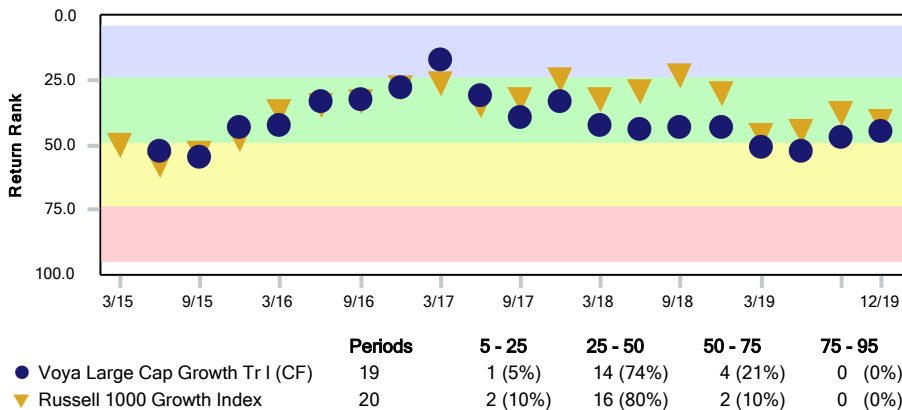
**5 Years Rolling Percentile Ranking - 5 Years**



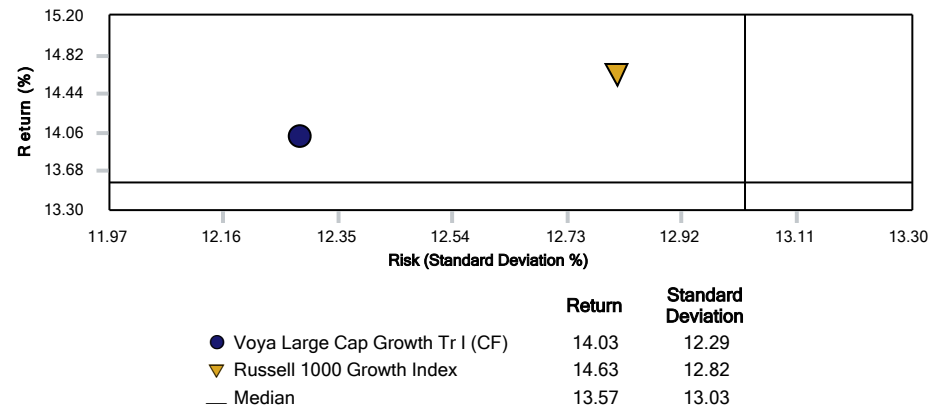
**Growth of a Dollar**



**3 Years Rolling Percentile Ranking - 5 Years**



**Peer Group Risk/Reward - 5 Years**



**Historical Statistics - 5 Years**

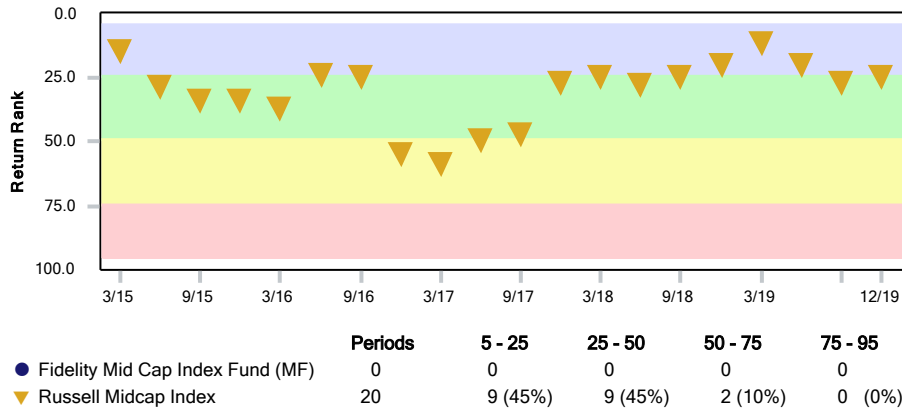
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Voya Large Cap Growth Tr I (CF)	14.03	12.29	0.15	0.95	1.05	97.25	96.47
Russell 1000 Growth Index	14.63	12.82	0.00	1.00	1.05	100.00	100.00

**Historical Statistics - 3 Years**

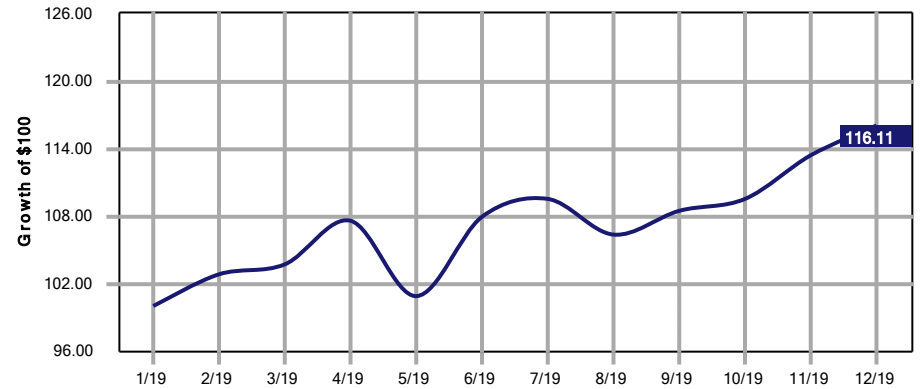
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Voya Large Cap Growth Tr I (CF)	19.98	12.17	1.02	0.92	1.43	92.75	95.71
Russell 1000 Growth Index	20.49	13.07	0.00	1.00	1.37	100.00	100.00

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Fidelity Mid Cap Index Fund (MF)**  
**December 31, 2019**

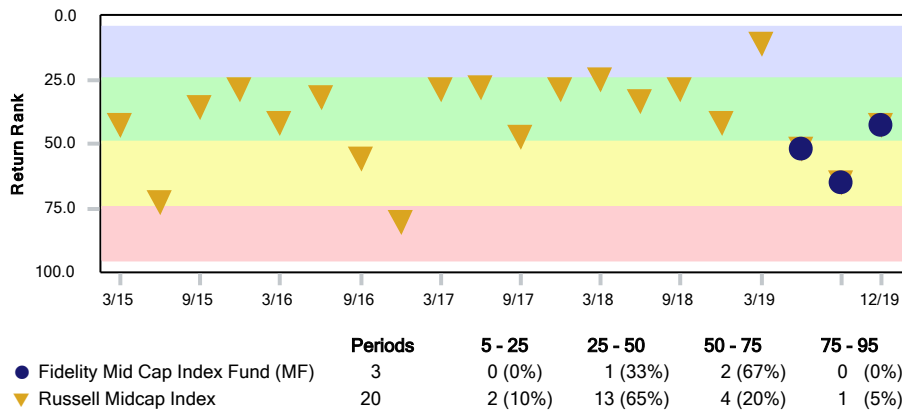
**1 Year Rolling Percentile Ranking - 5 Years**



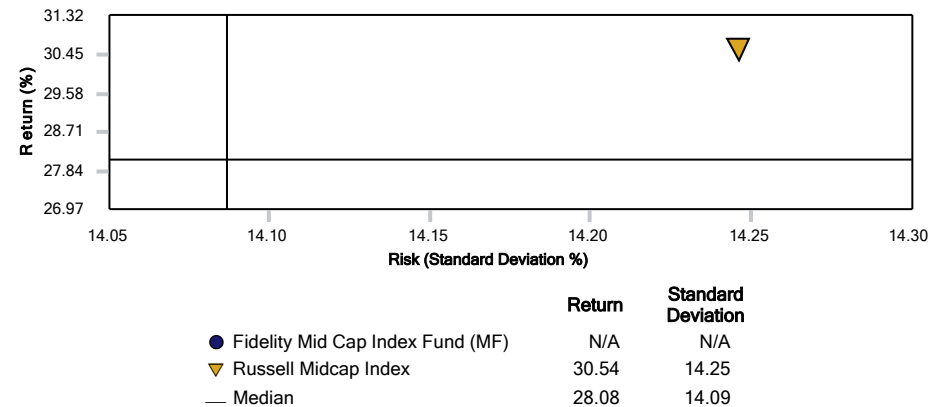
**Growth of a Dollar**



**1 Quarter Rolling Percentile Ranking - 5 Years**



**Peer Group Risk/Reward - 1 Year**



**Historical Statistics - 1 Year**

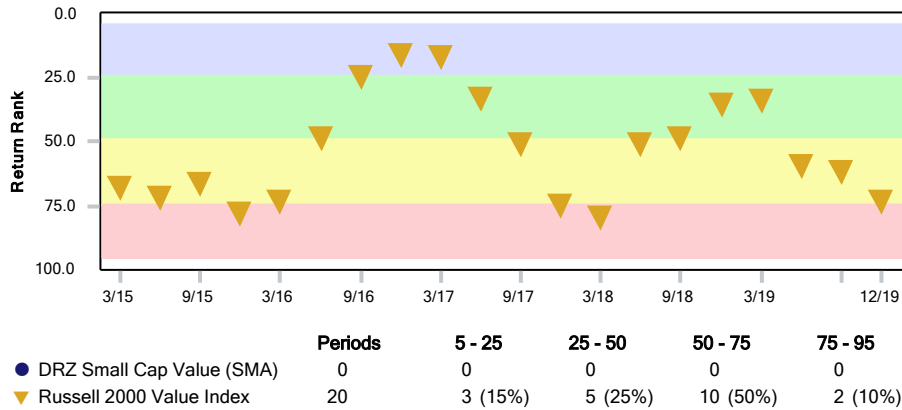
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Fidelity Mid Cap Index Fund (MF)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Russell Midcap Index	30.54	14.25	0.00	1.00	1.80	100.00	100.00

**Historical Statistics - 1 Quarter**

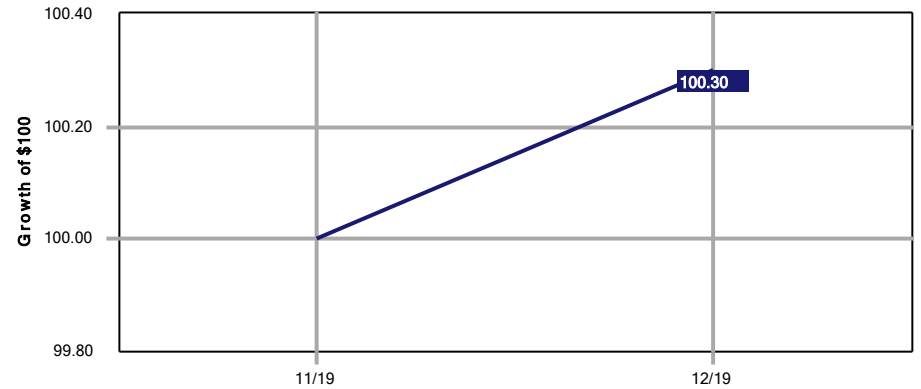
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Fidelity Mid Cap Index Fund (MF)	7.06	1.03	0.00	1.00	2.03	N/A	100.01
Russell Midcap Index	7.06	1.03	0.00	1.00	2.04	N/A	100.00

**Amalgamated Transit Union Local 1596 Pension Fund**  
**DRZ Small Cap Value (SMA)**  
**December 31, 2019**

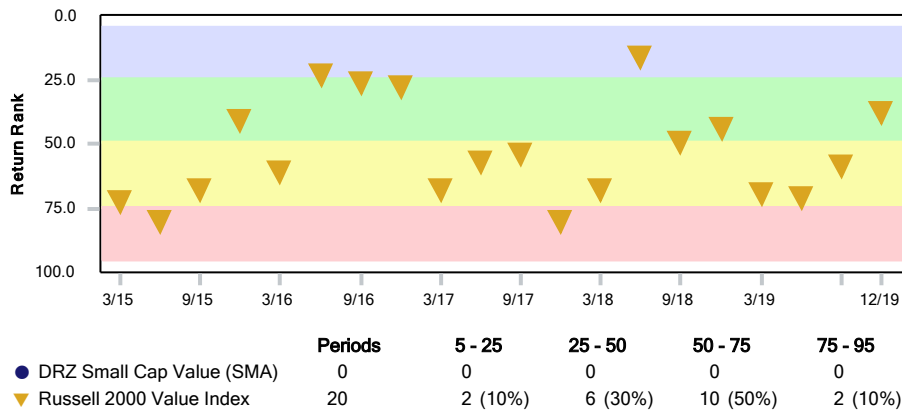
**1 Year Rolling Percentile Ranking - 5 Years**



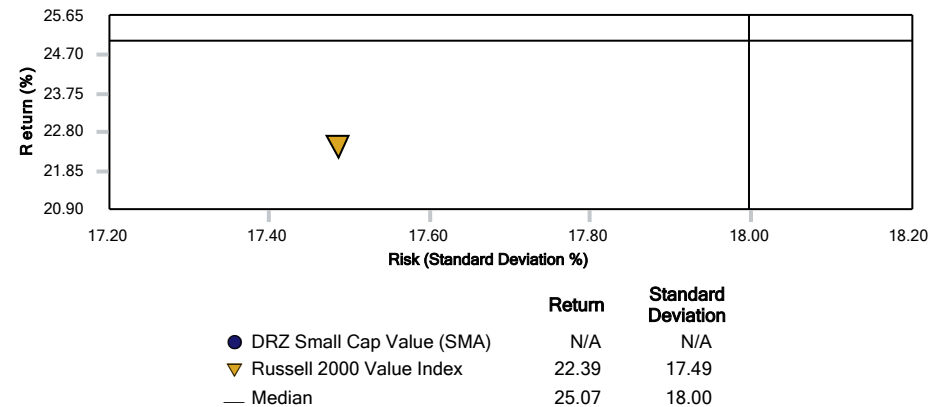
**Growth of a Dollar**



**1 Quarter Rolling Percentile Ranking - 5 Years**



**Peer Group Risk/Reward - 1 Year**



**Historical Statistics - 1 Year**

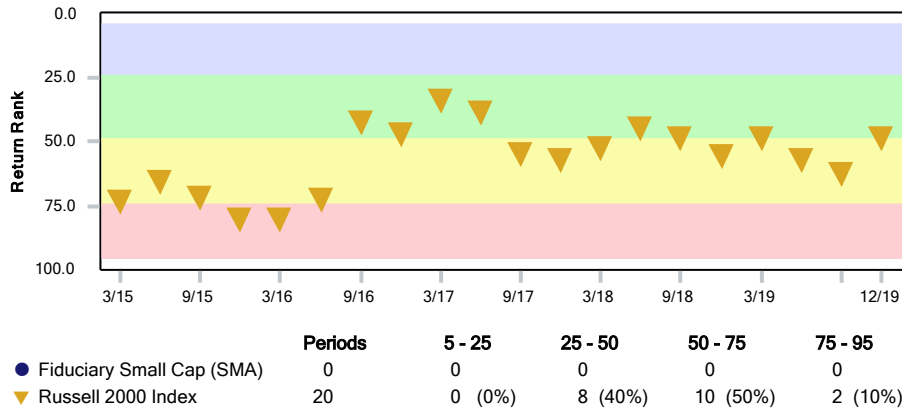
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
DRZ Small Cap Value (SMA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Russell 2000 Value Index	22.39	17.49	0.00	1.00	1.12	100.00	100.00

**Historical Statistics - 1 Quarter**

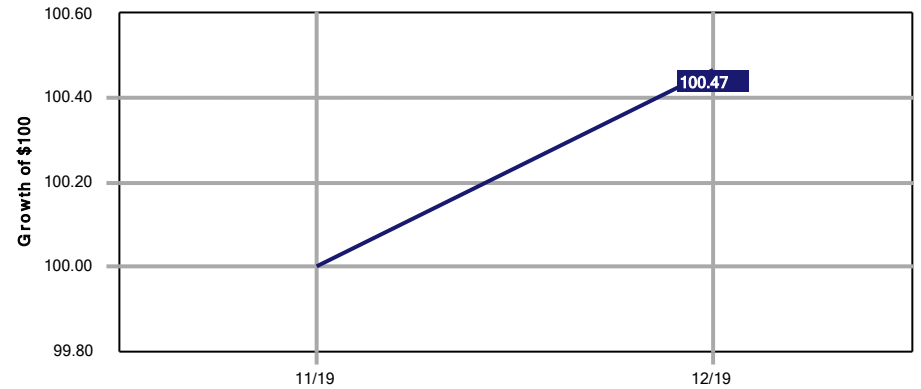
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
DRZ Small Cap Value (SMA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Russell 2000 Value Index	8.49	0.53	0.00	1.00	4.86	N/A	100.00

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Fiduciary Small Cap (SMA)**  
**December 31, 2019**

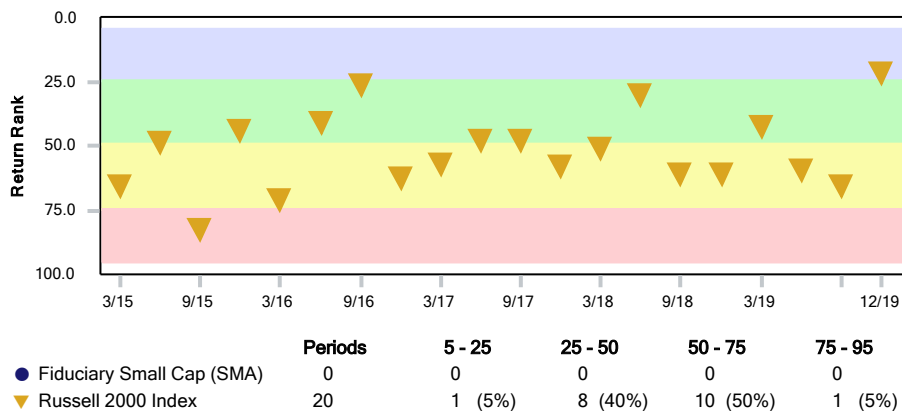
**1 Year Rolling Percentile Ranking - 5 Years**



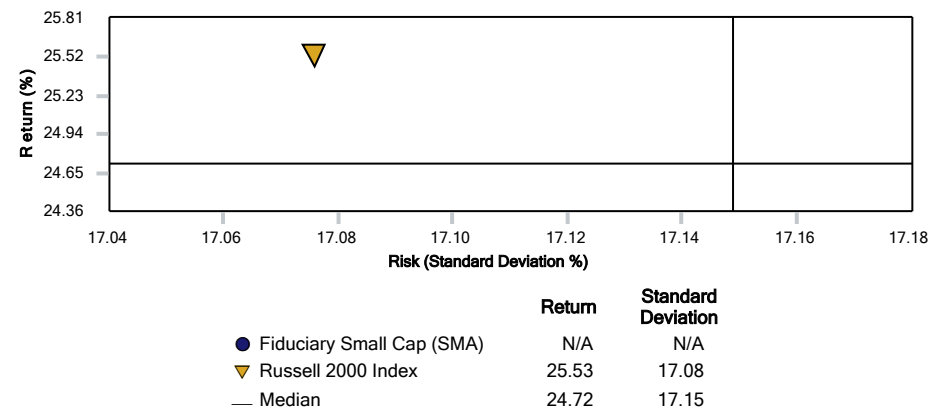
**Growth of a Dollar**



**1 Quarter Rolling Percentile Ranking - 5 Years**



**Peer Group Risk/Reward - 1 Year**



**Historical Statistics - 1 Year**

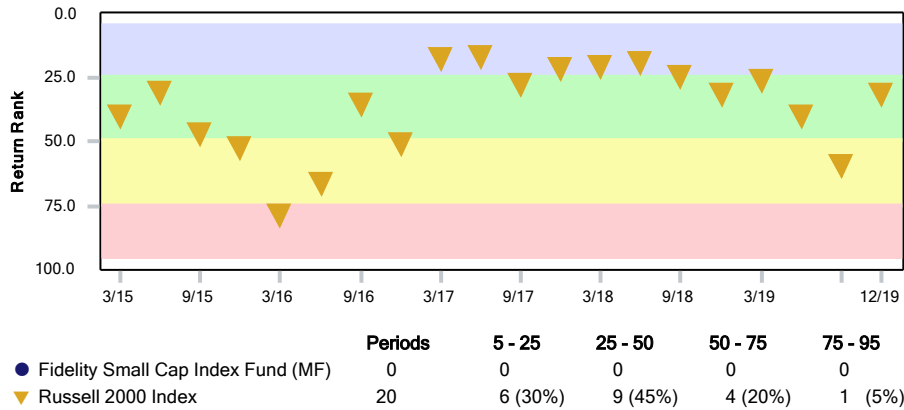
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Fiduciary Small Cap (SMA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Russell 2000 Index	25.53	17.08	0.00	1.00	1.29	100.00	100.00

**Historical Statistics - 1 Quarter**

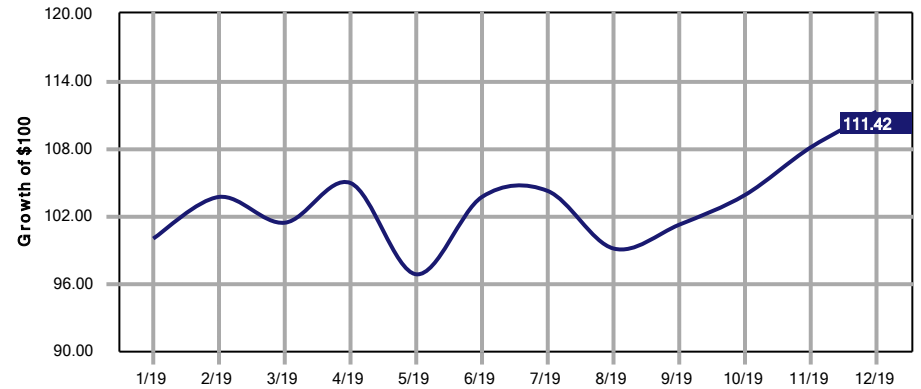
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Fiduciary Small Cap (SMA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Russell 2000 Index	9.94	0.65	0.00	1.00	4.55	N/A	100.00

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Fidelity Small Cap Index Fund (MF)**  
**December 31, 2019**

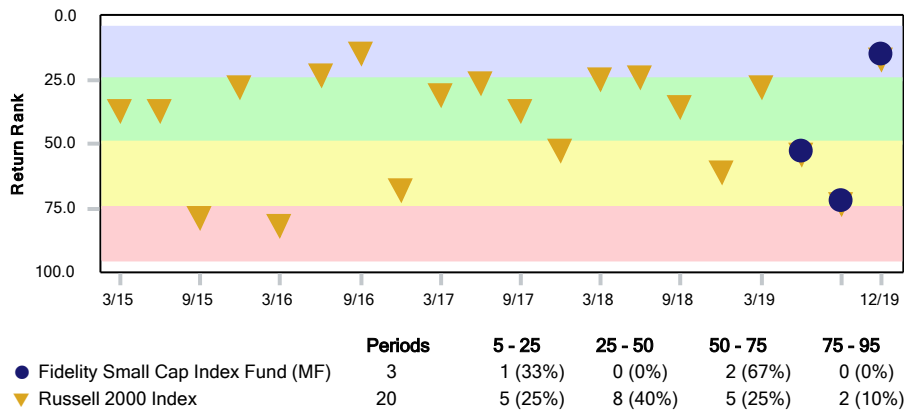
**1 Year Rolling Percentile Ranking - 5 Years**



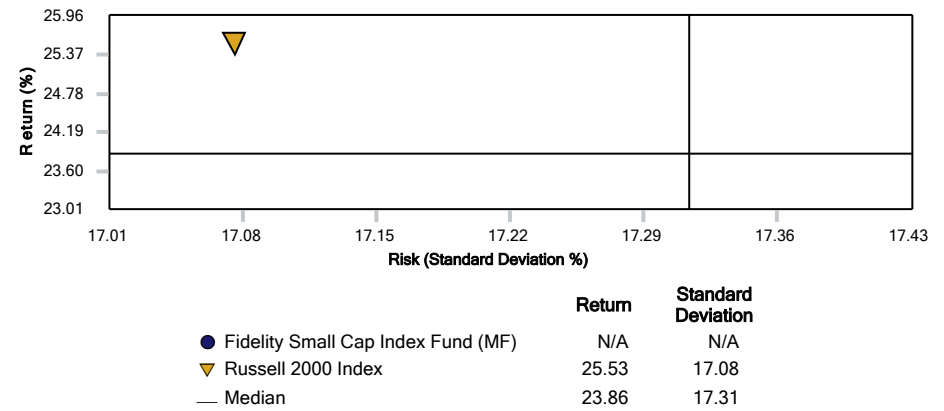
**Growth of a Dollar**



**1 Quarter Rolling Percentile Ranking - 5 Years**



**Peer Group Risk/Reward - 1 Year**



**Historical Statistics - 1 Year**

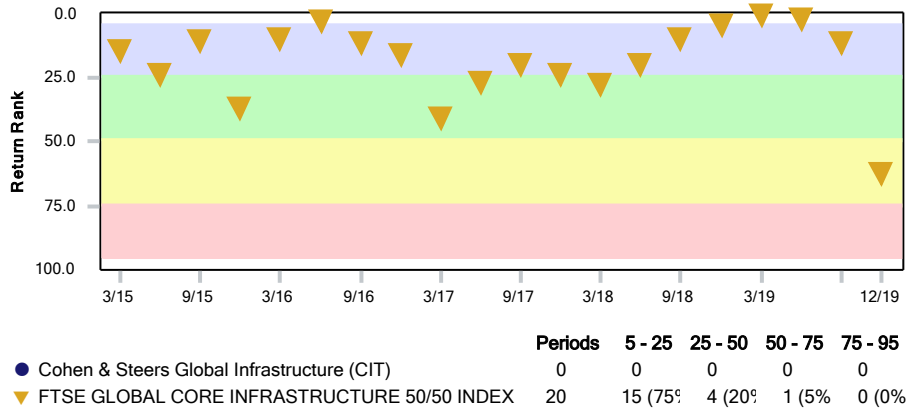
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Fidelity Small Cap Index Fund (MF)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Russell 2000 Index	25.53	17.08	0.00	1.00	1.29	100.00	100.00

**Historical Statistics - 1 Quarter**

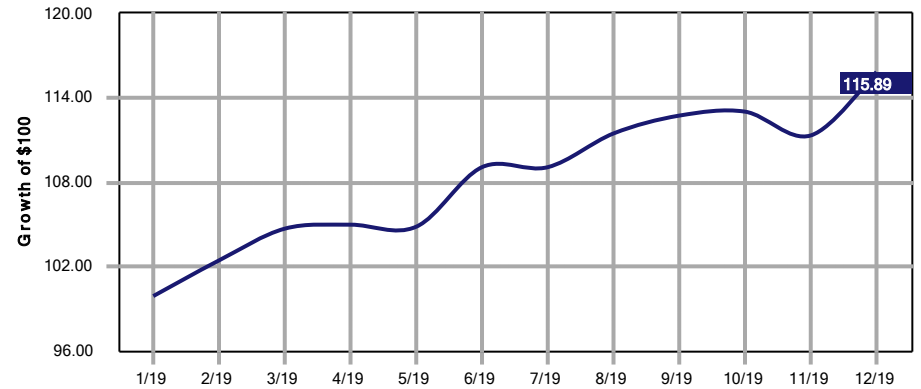
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Fidelity Small Cap Index Fund (MF)	10.01	0.64	0.08	0.98	4.66	N/A	100.68
Russell 2000 Index	9.94	0.65	0.00	1.00	4.55	N/A	100.00

**Amalgamated Transit Union Local 1596 Pension Fund  
Cohen & Steers Global Infrastructure (CIT)  
December 31, 2019**

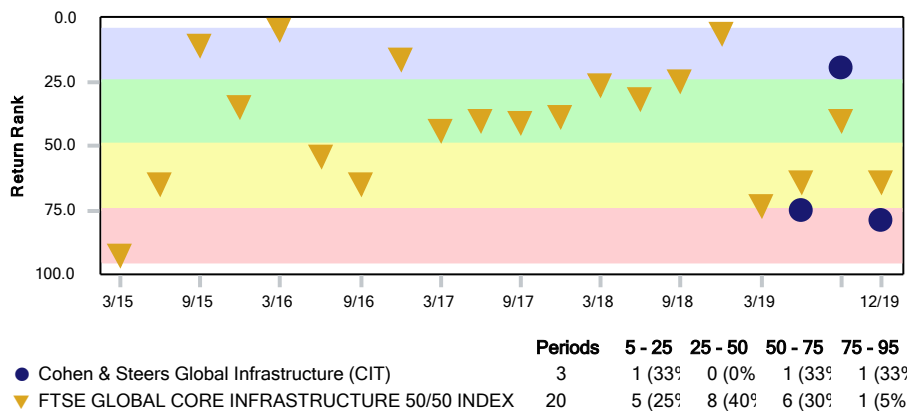
**1 Year Rolling Percentile Ranking - 5 Years**



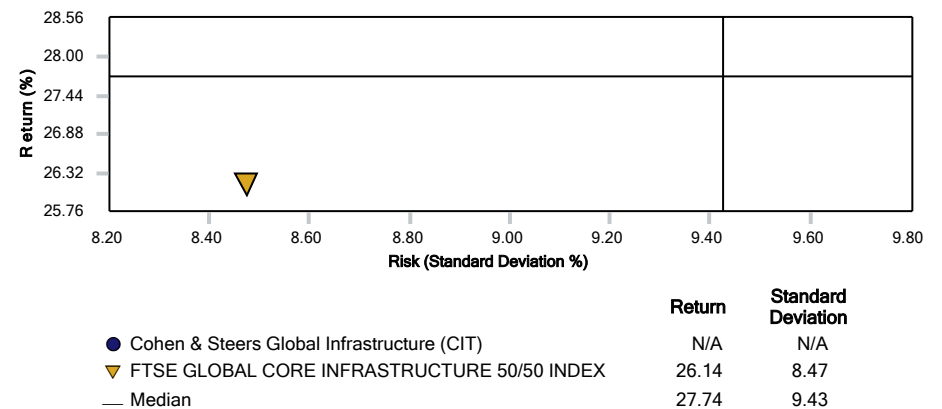
**Growth of a Dollar**



**1 Quarter Rolling Percentile Ranking - 5 Years**



**Peer Group Risk/Reward - 1 Year**



**Historical Statistics - 1 Year**

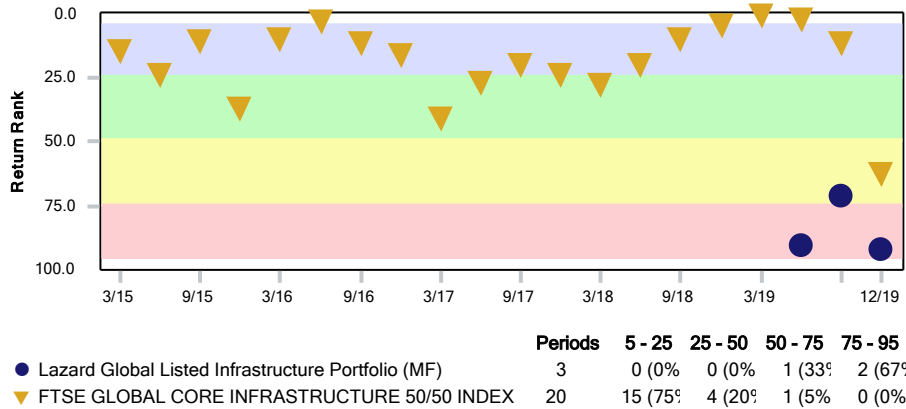
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Cohen & Steers Global Infrastructure (CIT)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FTSE GLOBAL CORE INFRASTRUCTURE 50/50 INDEX	26.14	8.47	0.00	1.00	2.55	100.00	100.00

**Historical Statistics - 1 Quarter**

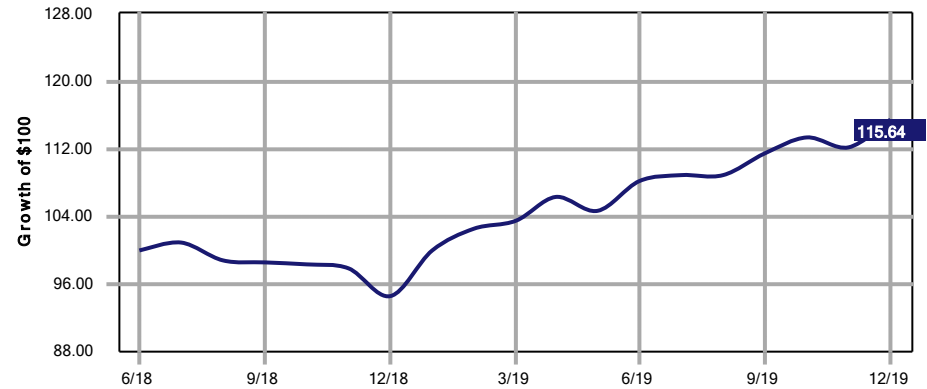
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Cohen & Steers Global Infrastructure (CIT)	2.79	2.26	-0.33	0.98	0.35	116.47	83.28
FTSE GLOBAL CORE INFRASTRUCTURE 50/50 INDEX	3.88	2.31	0.00	1.00	0.50	100.00	100.00

**Amalgamated Transit Union Local 1596 Pension Fund  
Lazard Global Listed Infrastructure Portfolio (MF)  
December 31, 2019**

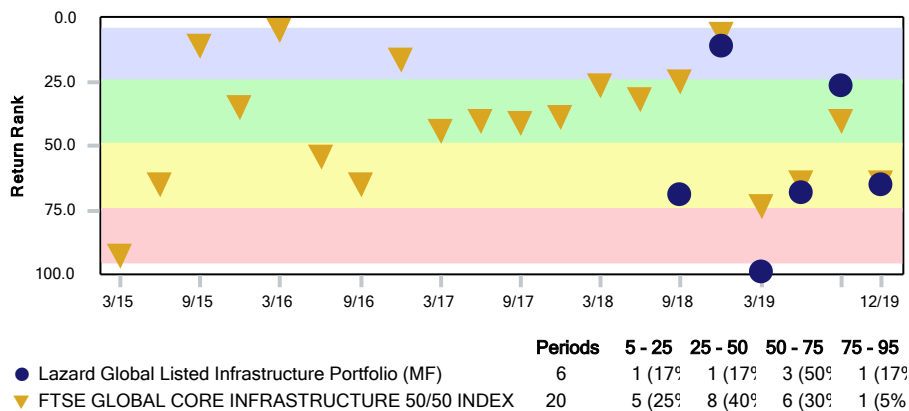
**1 Year Rolling Percentile Ranking - 5 Years**



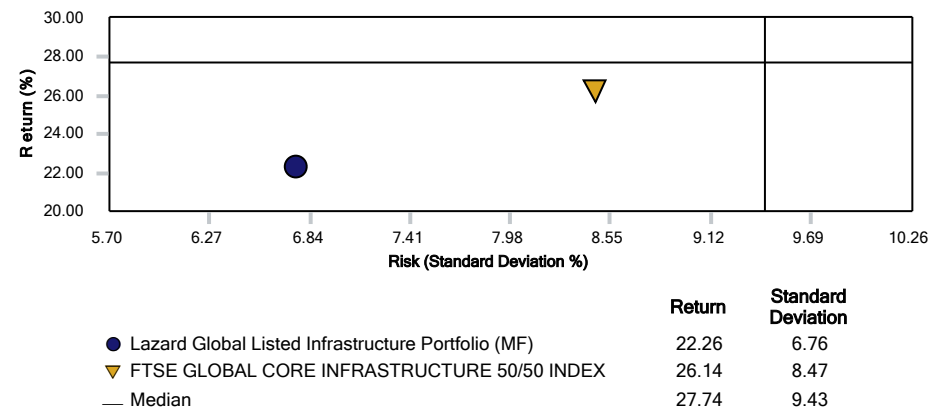
**Growth of a Dollar**



**1 Quarter Rolling Percentile Ranking - 5 Years**



**Peer Group Risk/Reward - 1 Year**



**Historical Statistics - 1 Year**

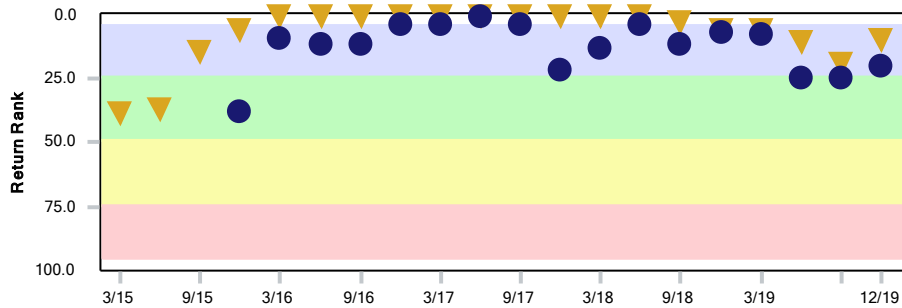
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Lazard Global Listed Infrastructure Portfolio (MF)	22.26	6.76	3.90	0.70	2.70	90.91	86.49
FTSE GLOBAL CORE INFRASTRUCTURE 50/50 INDEX	26.14	8.47	0.00	1.00	2.55	100.00	100.00

**Historical Statistics - 1 Quarter**

	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Lazard Global Listed Infrastructure Portfolio (MF)	3.75	1.63	0.39	0.66	0.68	76.78	91.12
FTSE GLOBAL CORE INFRASTRUCTURE 50/50 INDEX	3.88	2.31	0.00	1.00	0.50	100.00	100.00

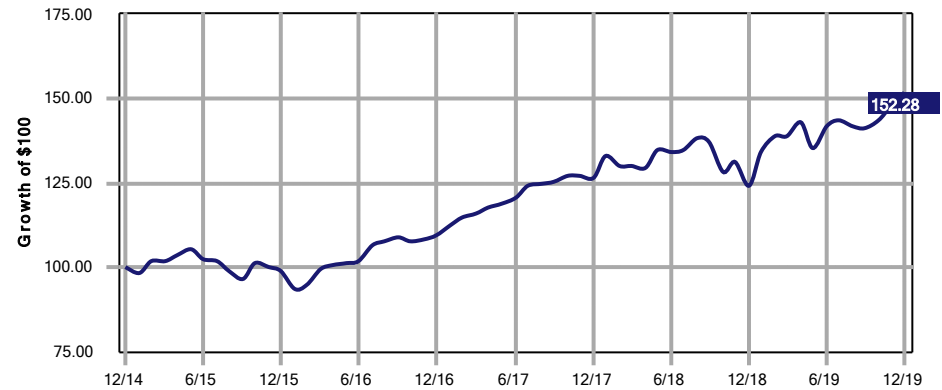
**Amalgamated Transit Union Local 1596 Pension Fund**  
**SPDR BC Convertibles Sec (ETF)**  
**December 31, 2019**

**5 Years Rolling Percentile Ranking - 5 Years**

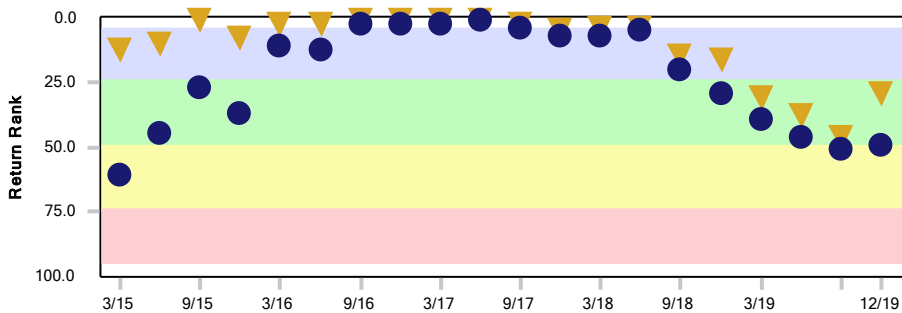


	Periods	5 - 25	25 - 50	50 - 75	75 - 95
● SPDR BC Convertibles Sec (ETF)	17	16 (94%)	1 (6%)	0 (0%)	0 (0%)
▼ Blmbg. Barc. U.S. Convertibles: 500MM	20	18 (90%)	2 (10%)	0 (0%)	0 (0%)

**Growth of a Dollar**

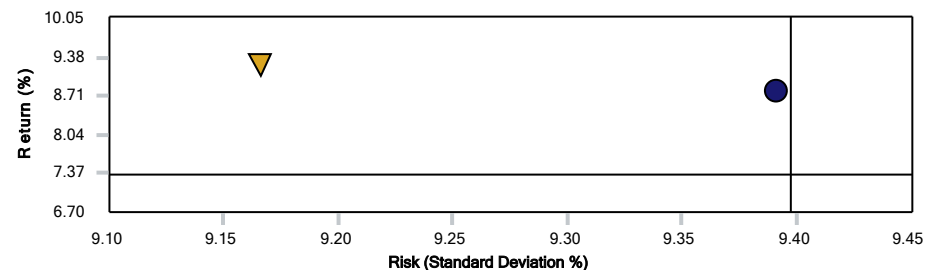


**3 Years Rolling Percentile Ranking - 5 Years**



	Periods	5 - 25	25 - 50	50 - 75	75 - 95
● SPDR BC Convertibles Sec (ETF)	20	11 (55%)	7 (35%)	2 (10%)	0 (0%)
▼ Blmbg. Barc. U.S. Convertibles: 500MM	20	16 (80%)	4 (20%)	0 (0%)	0 (0%)

**Peer Group Risk/Reward - 5 Years**



	Return	Standard Deviation
● SPDR BC Convertibles Sec (ETF)	8.78	9.39
▼ Blmbg. Barc. U.S. Convertibles: 500MM	9.23	9.17
— Median	7.34	9.40

**Historical Statistics - 5 Years**

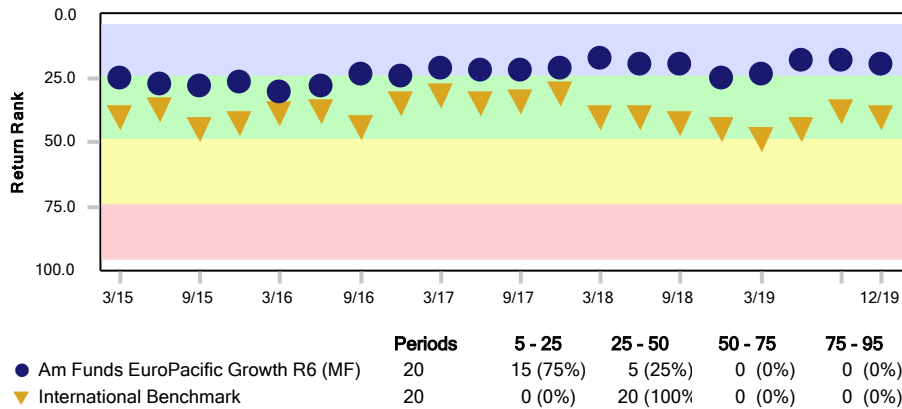
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
SPDR BC Convertibles Sec (ETF)	8.78	9.39	-0.59	1.02	0.83	103.73	99.40
Blmbg. Barc. U.S. Convertibles: 500MM	9.23	9.17	0.00	1.00	0.90	100.00	100.00

**Historical Statistics - 3 Years**

	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
SPDR BC Convertibles Sec (ETF)	11.54	9.85	-0.86	1.02	0.99	102.82	97.82
Blmbg. Barc. U.S. Convertibles: 500MM	12.26	9.64	0.00	1.00	1.08	100.00	100.00

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Am Funds EuroPacific Growth R6 (MF)**  
**December 31, 2019**

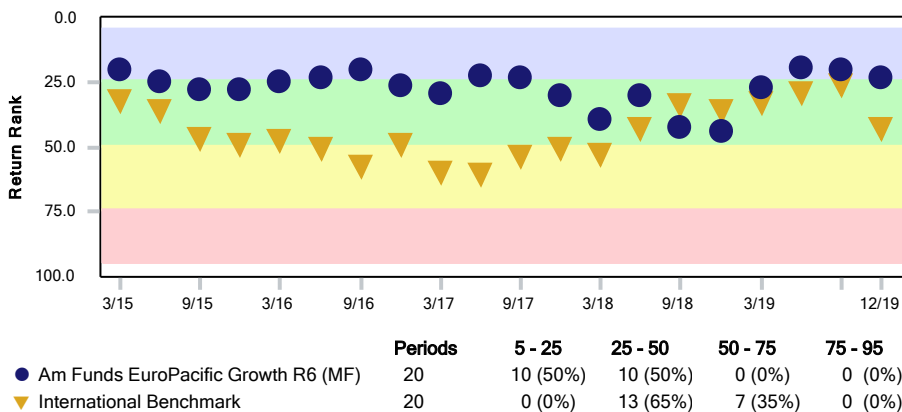
**5 Years Rolling Percentile Ranking - 5 Years**



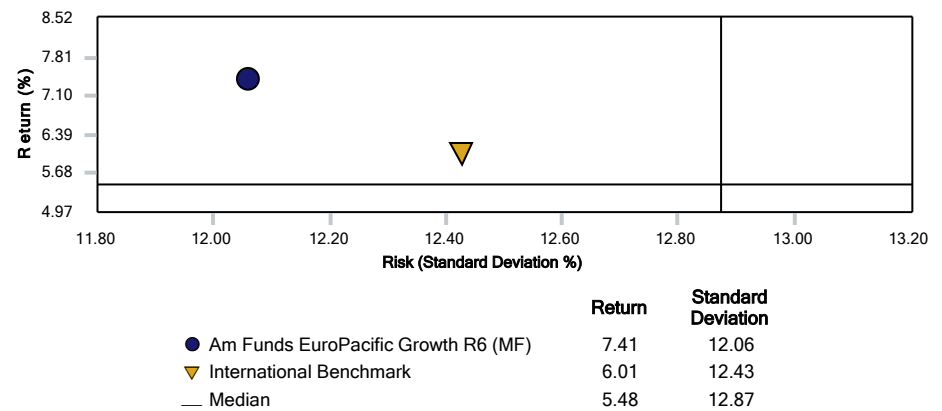
**Growth of a Dollar**



**3 Years Rolling Percentile Ranking - 5 Years**



**Peer Group Risk/Reward - 5 Years**



**Historical Statistics - 5 Years**

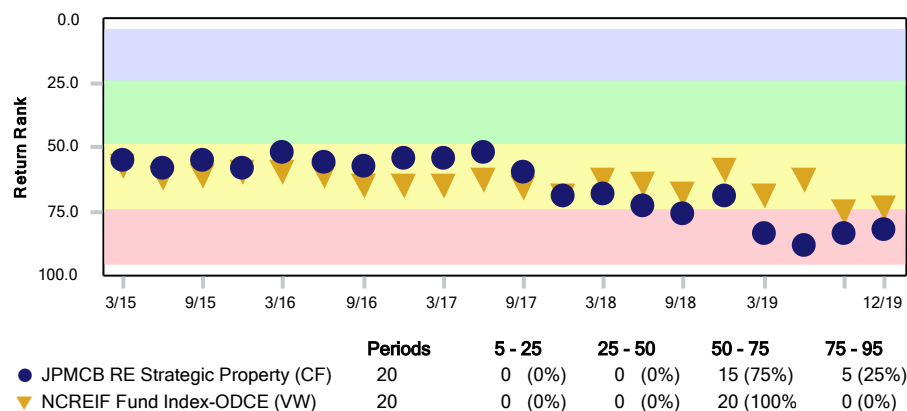
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Am Funds EuroPacific Growth R6 (MF)	7.41	12.06	1.74	0.93	0.57	86.19	96.65
International Benchmark	6.01	12.43	0.00	1.00	0.45	100.00	100.00

**Historical Statistics - 3 Years**

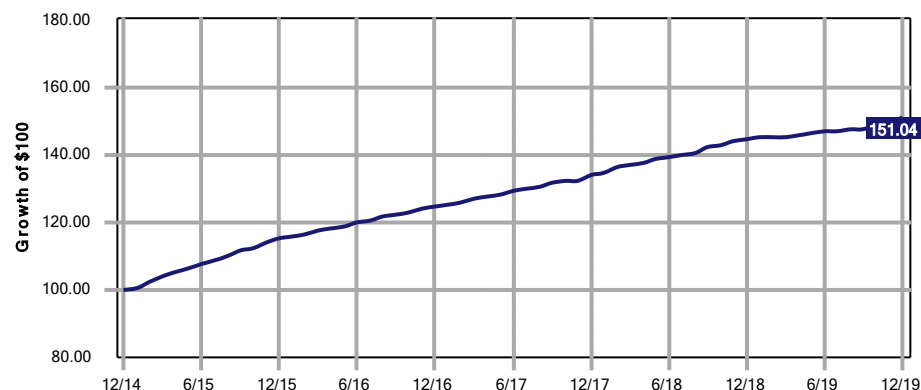
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Am Funds EuroPacific Growth R6 (MF)	12.45	12.08	1.52	1.04	0.90	96.50	106.98
International Benchmark	10.40	11.33	0.00	1.00	0.78	100.00	100.00

**Amalgamated Transit Union Local 1596 Pension Fund  
JPMCB RE Strategic Property (CF)  
December 31, 2019**

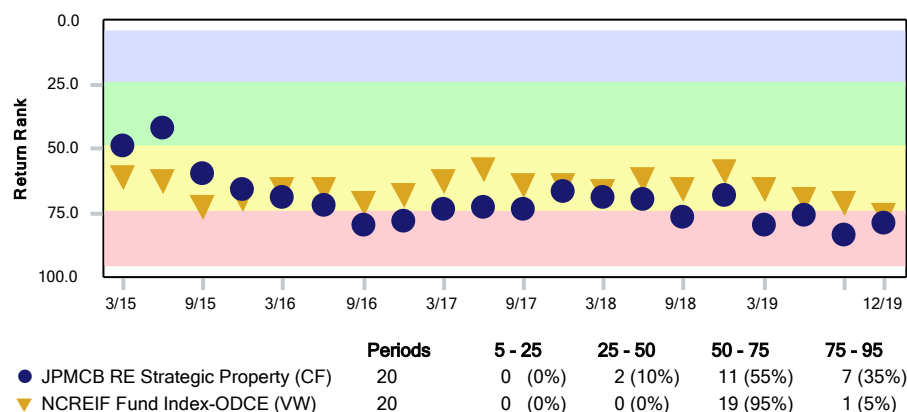
**5 Years Rolling Percentile Ranking - 5 Years**



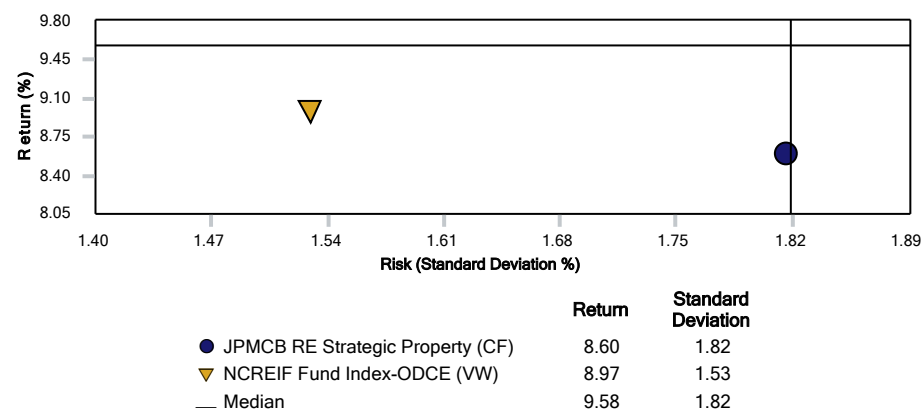
**Growth of a Dollar**



**3 Years Rolling Percentile Ranking - 5 Years**



**Peer Group Risk/Reward - 5 Years**



**Historical Statistics - 5 Years**

	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
JPMCB RE Strategic Property (CF)	8.60	1.82	-1.05	1.08	3.37	N/A	96.02
NCREIF Fund Index-ODCE (VW)	8.97	1.53	0.00	1.00	4.05	N/A	100.00

**Historical Statistics - 3 Years**

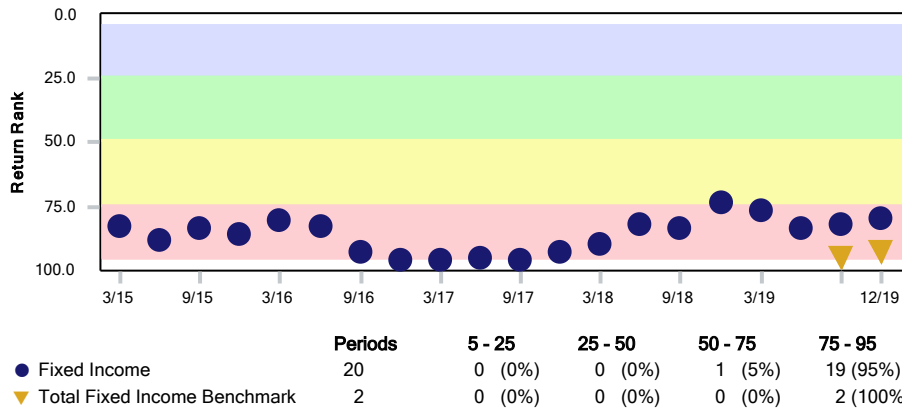
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
JPMCB RE Strategic Property (CF)	6.53	1.17	-1.23	1.10	3.49	N/A	92.38
NCREIF Fund Index-ODCE (VW)	7.09	0.70	0.00	1.00	5.79	N/A	100.00

# Amalgamated Transit Union Local 1596 Pension Fund

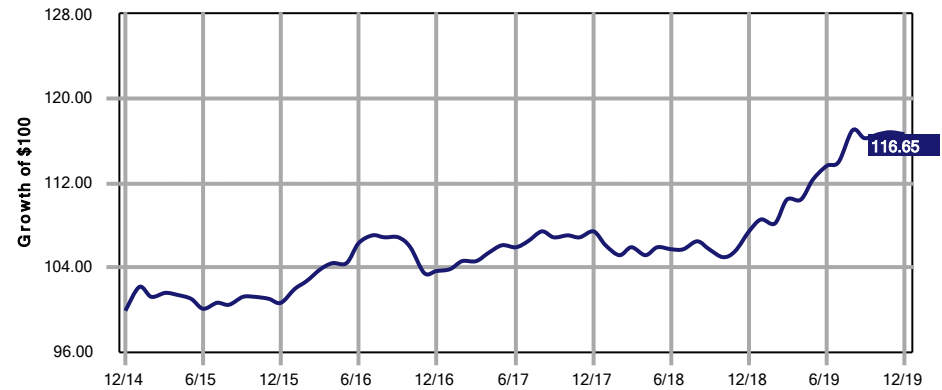
## Fixed Income

### December 31, 2019

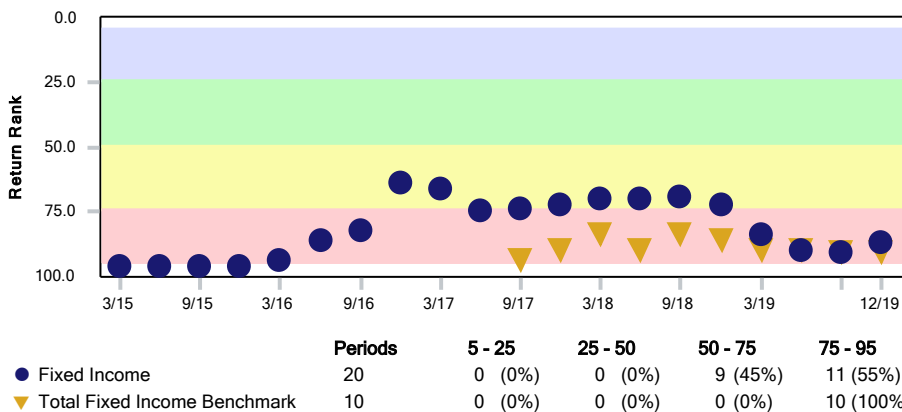
5 Years Rolling Percentile Ranking - 5 Years



Growth of a Dollar



3 Years Rolling Percentile Ranking - 5 Years



Peer Group Risk/Reward - 5 Years



Historical Statistics - 5 Years

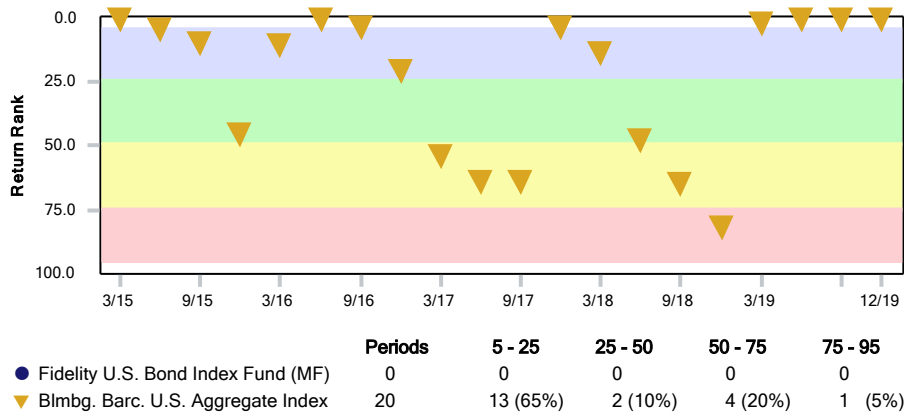
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Fixed Income	3.13	3.04	0.08	1.02	0.70	101.71	103.27
Total Fixed Income Benchmark	2.99	2.97	0.00	1.00	0.67	100.00	100.00

Historical Statistics - 3 Years

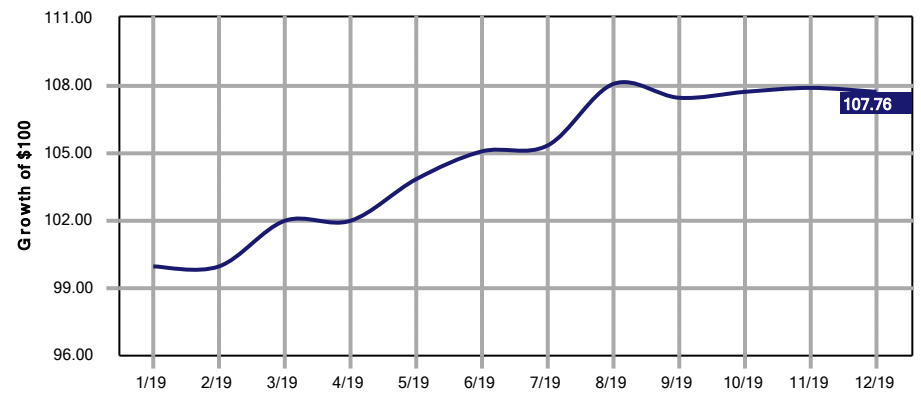
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Fixed Income	3.99	2.88	-0.03	1.03	0.82	103.33	102.23
Total Fixed Income Benchmark	3.93	2.79	0.00	1.00	0.82	100.00	100.00

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Fidelity U.S. Bond Index Fund (MF)**  
**December 31, 2019**

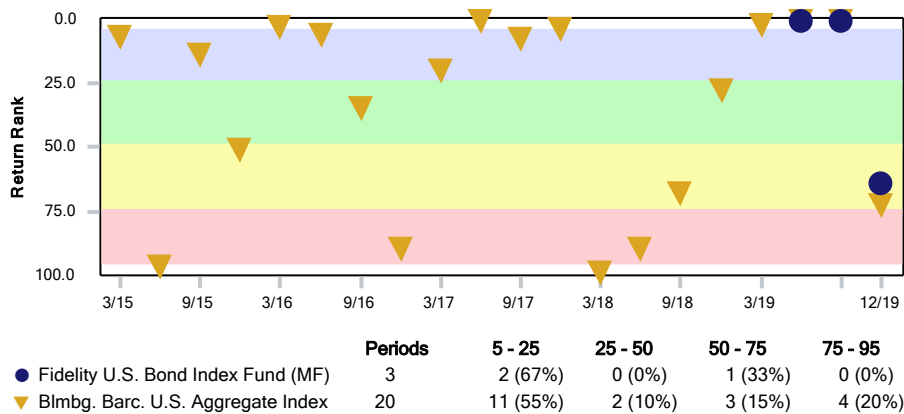
**1 Year Rolling Percentile Ranking - 5 Years**



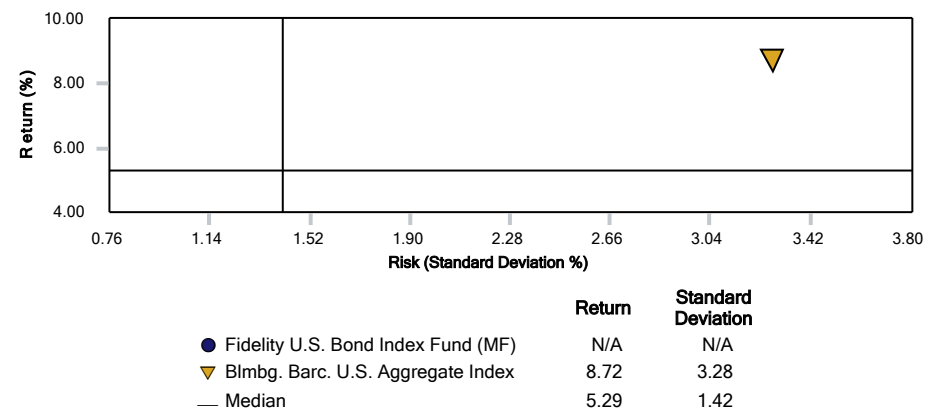
**Growth of a Dollar**



**1 Quarter Rolling Percentile Ranking - 5 Years**



**Peer Group Risk/Reward - 1 Year**



**Historical Statistics - 1 Year**

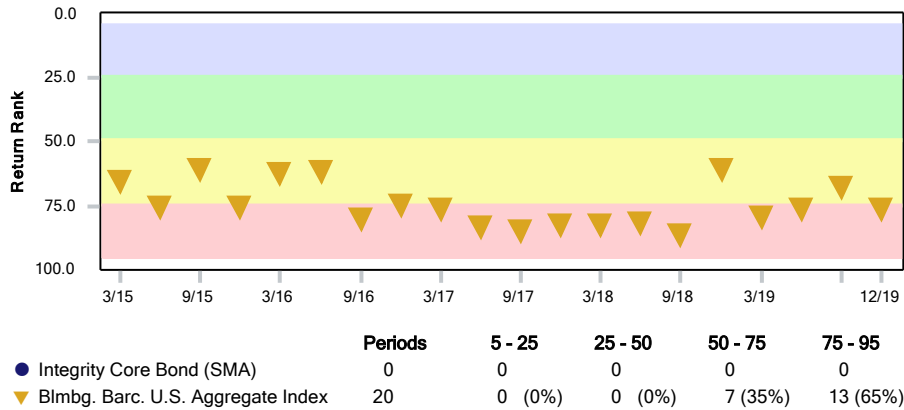
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Fidelity U.S. Bond Index Fund (MF)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Blmbg. Barc. U.S. Aggregate Index	8.72	3.28	0.00	1.00	1.93	100.00	100.00

**Historical Statistics - 1 Quarter**

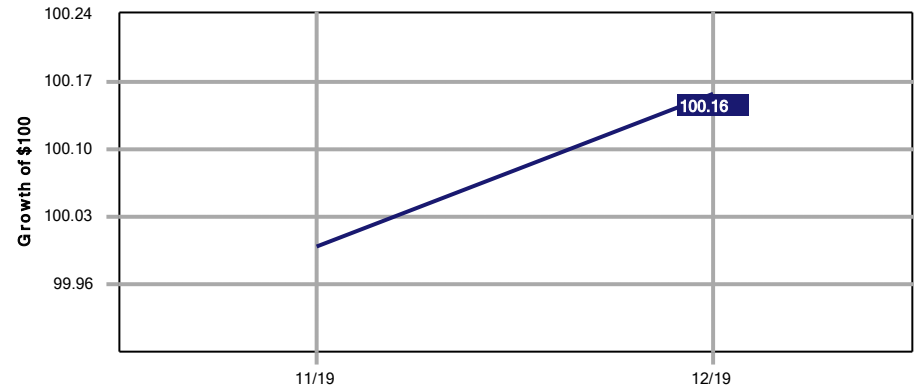
	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Fidelity U.S. Bond Index Fund (MF)	0.29	0.20	0.04	0.87	-0.31	8.62	98.71
Blmbg. Barc. U.S. Aggregate Index	0.18	0.17	0.00	1.00	-0.65	100.00	100.00

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Integrity Core Bond (SMA)**  
**December 31, 2019**

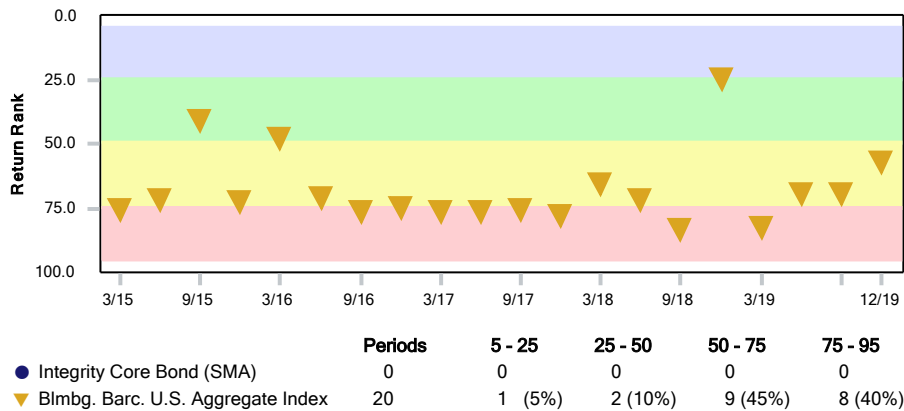
**1 Year Rolling Percentile Ranking - 5 Years**



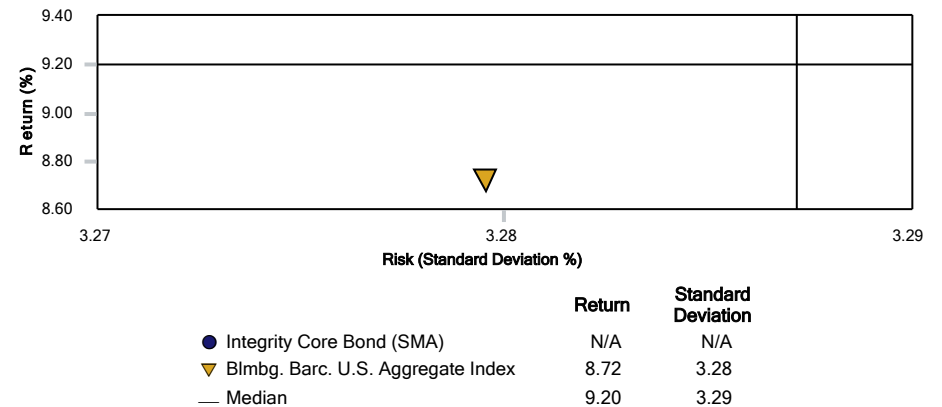
**Growth of a Dollar**



**1 Quarter Rolling Percentile Ranking - 5 Years**



**Peer Group Risk/Reward - 1 Year**



**Historical Statistics - 1 Year**

	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Integrity Core Bond (SMA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Blmbg. Barc. U.S. Aggregate Index	8.72	3.28	0.00	1.00	1.93	100.00	100.00

**Historical Statistics - 1 Quarter**

	Return	Standard Deviation	Alpha	Beta	Sharpe Ratio	Down Market Capture	Up Market Capture
Integrity Core Bond (SMA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Blmbg. Barc. U.S. Aggregate Index	0.18	0.17	0.00	1.00	-0.65	100.00	100.00

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Glossary**  
**December 31, 2019**

- ACCRUED INTEREST- Bond interest earned since the last interest payment, but not yet received.
- ALPHA- A linear regressive constant that measures expected return independent of Beta.
- ASSET ALLOCATION- The division of portfolio asset classes in order to achieve an expected investment objective.
- BALANCED UNIVERSES - Public Funds, Endowments & Foundations, Corporate peer groups, and PSN peer groups.
- BETA- A measure of portfolio sensitivity (volatility) in relation to the market, based upon past experience.
- BOND DURATION- A measure of portfolio sensitivity to interest rate risk.
- COMMINGLED FUND- An investment fund which is similar to a mutual fund in that investors are permitted to purchase and redeem units that represent ownership in a pool of securities.
- CONVERTIBLE BONDS - Hybrid securities' that offer equity returns during rising equity markets and improved down-market protection.
- CORE- An equal weighting in both growth and value stocks.
- CORRELATION COEFFICIENT- A measure of how two assets move together. The measure is bounded by +1 and -1; +1 means that the two assets move together positively, while a measure of -1 means that the assets are perfectly negatively correlated.
- GROWTH MANAGER- Generally invests in companies that have either experienced above-average growth rates and/or are expected to experience above-average growth rates in the future. Growth portfolios tend to have high price/earnings ratios and generally pay little to no dividends.
- INDEXES- Indexes are used as "independent representations of markets" (e.g., S&P 500).
- INFORMATION RATIO- Annualized excess return above the benchmark relative to the annualized tracking error.
- LARGE CAP- Generally, the term refers to a company that has a market capitalization that exceeds \$10 billion.
- MANAGER UNIVERSE- A collection of quarterly investment returns from various investment management firms that may be subdivided by style (e.g. growth, value, core).
- MID CAP- Generally, the term refers to a company that has a market capitalization between \$2 and \$10 billion.
- NCREIF - A quarterly time series composite total rate of return measure of investment performance of a large pool of individual commercial real estate properties acquired in the private market for investment purposes only.
- NCREIF ODCE - Open End Diversified Core Equity index which consists of historical and current returns from 26 open-end commingled funds pursuing core strategy. This index is capitalization weighted, time weighted and gross of fees.
- NET- Investment return accounts only for manager fees.
- PROTECTING FLORIDA INVESTMENT ACT (PFIA) - SBA publishes a list of prohibited investments (scrutinized companies).
- RATE OF RETURN- The percentage change in the value of an investment in a portfolio over a specified time period, excluding contributions.
- RISK MEASURES- Measures of the investment risk level, including beta, credit, duration, standard deviation, and others that are based on current and historical data.
- R-SQUARED- Measures how closely portfolio returns and those of the market are correlated, or how much variation in the portfolio returns may be explained by the market. An R2 of 40 means that 40% of the variation in a fund's price changes could be attributed to changes in the market index over the time period.



**Amalgamated Transit Union Local 1596 Pension Fund**  
**Glossary**  
**December 31, 2019**

- SHARPE RATIO- The ratio of the rate of return earned above the risk-free rate to the standard deviation of the portfolio. It measures the number of units of return per unit of risk.
- SMALL CAP- Generally refers to a company with a market capitalization \$300 million to \$2 billion.
- STANDARD DEVIATION- Measure of the variability (dispersion) of historical returns around the mean. It measures how much exposure to volatility was experienced by the implementation of an investment strategy.
- SYSTEMATIC RISK- Measured by beta, it is the risk that cannot be diversified away (market risk).
- TIME WEIGHTED (TW) RETURN - A measure of the investments versus the investor. When there are no flows the TW & DOLLAR weighted (DW) returns are the same and vice versa.
- TRACKING ERROR- A measure of how closely a manager's performance tracks an index; it is the annualized standard deviation of the differences between the quarterly returns for the manager and the benchmark.
- TREYNOR RATIO- A measure of reward per unit of risk. (excess return divided by beta).
- UP AND DOWN-MARKET CAPTURE RATIO- Ratio that illustrates how a manager performed relative to the market during rising and declining market periods.
- VALUE MANAGER- Generally invests in companies that have low price-to-earnings and price-to-book ratios and/or above-average dividend yields.

**Amalgamated Transit Union Local 1596 Pension Fund**  
**Disclosure**  
**December 31, 2019**

Advisory services are offered through or by Burgess Chambers and Associates, Inc., a registered SEC investment advisor.

**Performance Reporting:**

1. Changes in portfolio valuations due to capital gains or losses, dividends, interest, income and management fees are included in the calculation of returns. All calculations are made in accordance with generally accepted industry standards.
2. Transaction costs, such as commissions, are included in the purchase cost or deducted from the proceeds or sale of a security. Differences in transaction costs may affect comparisons.
3. Individual client returns may vary due to a variety of factors, including differences in investment objectives, asset allocating and timing of investment decisions.
4. Performance reports are generated from information supplied by the client, custodian, and/or investment managers. BCA relies upon the accuracy of this data when preparing reports.
5. The market indexes do not include transaction costs, and an investment in a product similar to the index would have lower performance dependent upon costs, fees, dividend reinvestments, and timing. Benchmarks and indexes are for comparison purposes only, and there is no assurance or guarantee that such performance will be achieved.
6. Performance information prepared by third party sources may differ from that shown by BCA. These differences may be due to different methods of analysis, different time periods being evaluated, different pricing sources for securities, treatment of accrued income, treatment of cash, and different accounting procedures.
7. Certain valuations, such as alternative assets, ETF, and mutual funds, are prepared based on information from third party sources, the accuracy of such information cannot be guaranteed by BCA. Such data may include estimates and maybe subject to revision.
8. BCA relies on third party vendors to supply tax cost and market values, In the event that cost values are not available, market values may be used as a substitute.
9. BCA has not reviewed the risks of individual security holdings.
10. BCA investment reports are not indicative of future results.
11. Performance rankings are time sensitive and subject to change.
12. Mutual Fund (MF), Collective Investment Trusts (CIT) and Exchange Traded Funds (ETF) are ranked in net of fee universes.
13. Separately Managed Account (SMA) and Commingled Fund (CF) returns are ranked in gross of fees universes.
14. Composite returns are ranked in universes that encompass both gross and net of fee returns.
15. Total Fund returns are ranked in a gross of fee universe.
16. For a free copy of Part II (mailed w/i 5 bus. days from request receipt) of Burgess Chambers & Associates, Inc.'s most recent Form ADV which details pertinent business procedures, please contact: 315 East Robinson Street Suite #690, Orlando, Florida 32801, 407-644-0111, [info@burgesschambers.com](mailto:info@burgesschambers.com).

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