

# American Funds American Balanced R6 RLBGX

**Morningstar Category**  
Allocation--50% to 70%  
Equity

**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Portfolio Manager(s)

Hilda Applbaum since 01-1999  
 Gregory Johnson since 03-2003  
 Alan Berro since 03-2006  
 James Mulally since 03-2006  
 Jeffrey Lager since 03-2011  
 Michael Kerr since 03-2014  
 Paul Benjamin since 07-2014  
 Alan Wilson since 01-2016  
 John Queen since 07-2016  
 Pramod Atluri since 03-2018

## Quantitative Screens

✔ **Performance:** The fund has finished in the Allocation--50% to 70% Equity category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 21.01 years.

✘ **Style:** The fund has landed in its primary style box — Large Blend — 63.64 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.28 is 73.58% lower than the Allocation--50% to 70% Equity category average.

## Morningstar Investment Management LLC Analysis

This fund fails our current style screen. However, as an allocation fund it is not expected to adhere to a strict style discipline, so the screen failure does not concern us and we are still comfortable using this fund.

## Growth of \$10,000



2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
13.39	4.16	14.57	22.12	9.22	2.03	8.90	15.84	-2.42	19.55	Total Return %
1.06	3.57	2.53	7.81	4.33	3.82	0.33	1.18	2.34	0.52	+/- Benchmark
1.56	4.27	2.85	5.64	3.01	3.96	1.56	2.63	3.34	0.32	+/- Category
23	7	9	5	16	3	20	15	8	48	Tot Ret % Rank in Cat
420	440	467	533	547	571	623	644	688	699	# of Funds in Cat
37	47	54	55	68	82	79	95	72	-	Turnover %
-	-	0.30	0.29	0.29	0.29	0.29	0.28	0.28	-	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
5.98	19.55	10.56	8.47	10.48	11.82	Fund Return %
5.23	19.03	9.13	6.75	7.72	6.50	Benchmark Return %
5.03	19.23	8.55	6.22	7.90	-	Category Average %
15	48	12	6	5	-	% Rank in Category
716	699	644	571	420	-	# of Funds in Category

## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.21	-	-1.21
Beta	1.01	-	1.08
R-Squared	95.68	-	92.31
Standard Deviation	7.00	6.76	7.61
Sharpe Ratio	1.23	1.07	0.90
Tracking Error	1.46	-	2.23
Information Ratio	0.98	-	-0.30
Up Capture Ratio	108.30	-	101.02
Down Capture Ratio	97.52	-	113.02

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.53	17.25	17.99
Price/Book Ratio	2.62	2.05	2.31
Avg Eff Duration	6.00	-	4.38

# American Funds American Balanced R6 RLBGX

**Morningstar Category**  
Allocation--50% to 70%

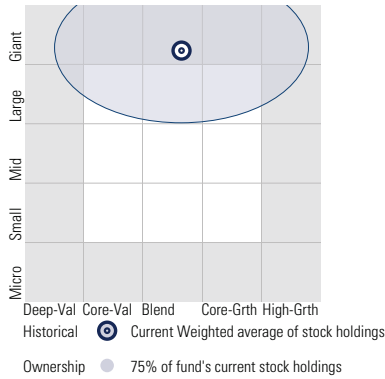
**Morningstar Index**

Morningstar Mod Tgt Risk TR USD

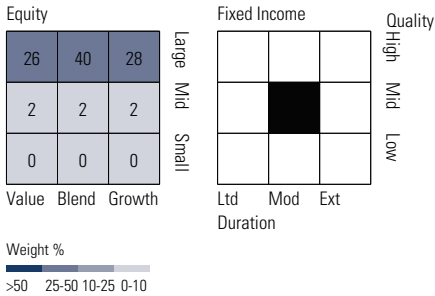
Equity

## Style Analysis as of 12-31-2019

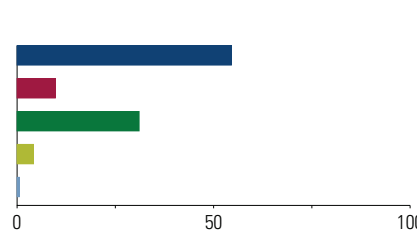
Morningstar Style Box™



## Style Breakdown

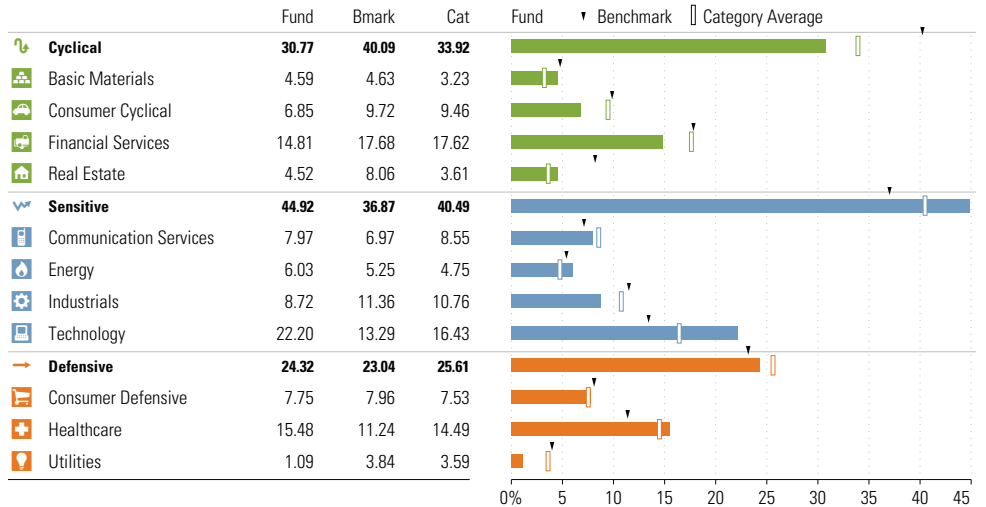


## Asset Allocation as of 12-31-2019



Asset Class	Net %	Cat%
US Stocks	54.52	40.06
Non-US Stocks	9.72	8.77
Bonds	31.04	26.40
Cash	4.17	5.40
Other	0.55	19.37
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2019



## Top 10 Holdings as of 12-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Microsoft Corp	—	4.79	4.79	57.12	Technology
⊖ Capital Group Central Cash Fund	—	4.69	9.47	—	—
⊕ UnitedHealth Group Inc	—	3.10	12.57	19.67	Healthcare
⊕ Taiwan Semiconductor Manufacturing Co Ltd ADR	—	2.04	14.62	62.84	Technology
⊕ Berkshire Hathaway Inc A	—	2.04	16.66	10.98	Financial Services
⊕ Broadcom Inc	—	1.74	18.40	28.68	Technology
⊕ Philip Morris International Inc	—	1.55	19.95	34.38	Consumer Defensive
⊖ The Home Depot Inc	—	1.55	21.50	30.26	Consumer Cyclical
⊕ Boeing Co	—	1.54	23.04	3.56	Industrials
⊖ Intel Corp	—	1.33	24.37	30.22	Technology

**Total Holdings 1840**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Portfolio Manager(s)

Andrew Suzman since 10-2008  
Steven Watson since 10-2008  
Patrice Collette since 09-2010  
Leo Hee since 07-2015  
Michael Cohen since 07-2018

## Quantitative Screens

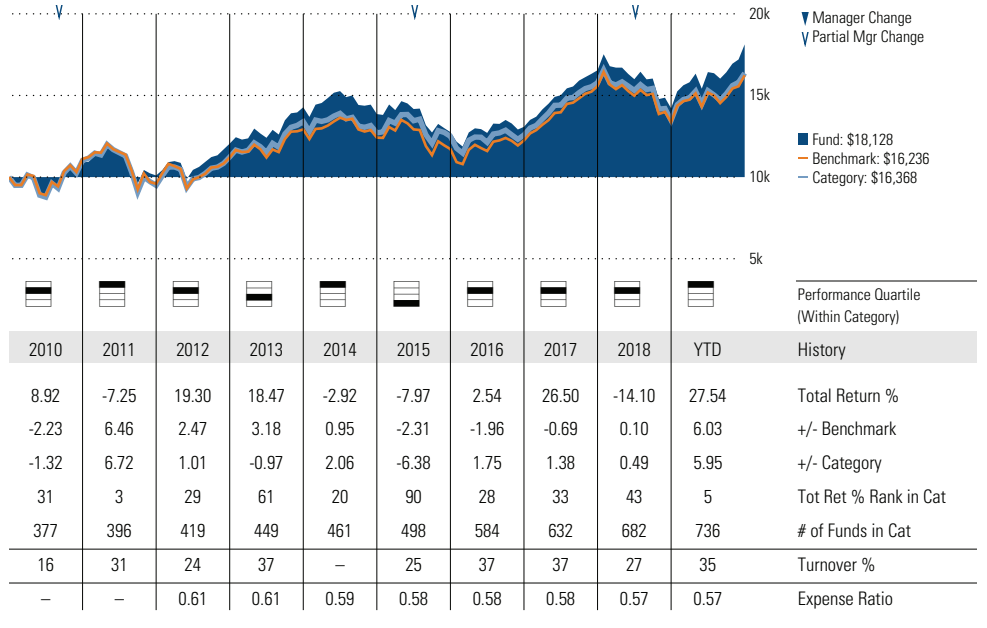
✔ **Performance:** The fund has finished in the Foreign Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 11.25 years.

✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.57 is 41.24% lower than the Foreign Large Blend category average.

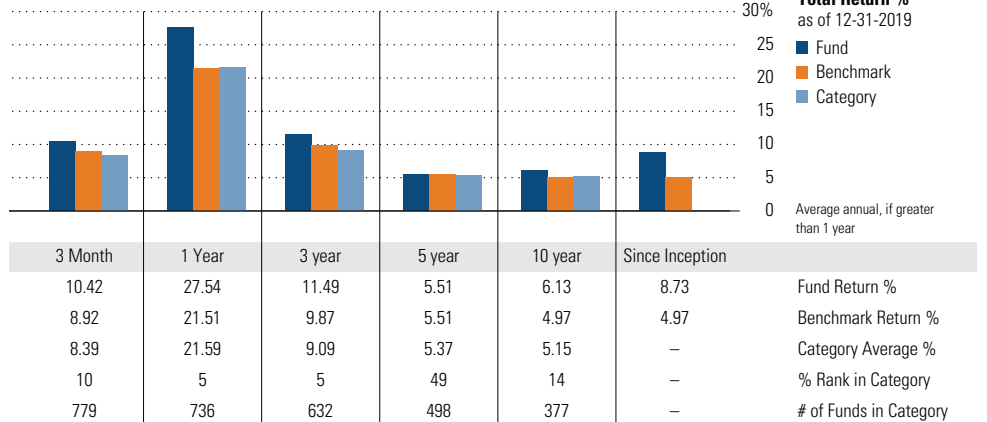
## Growth of \$10,000



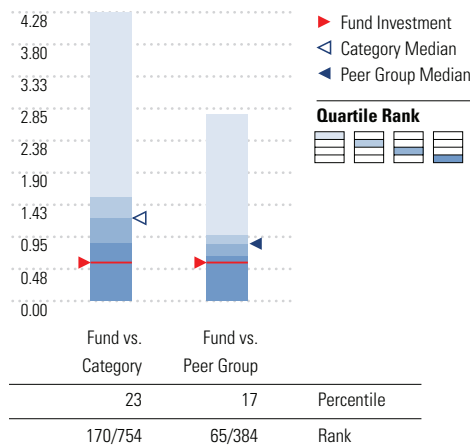
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.71	-	-0.53
Beta	0.98	-	0.98
R-Squared	96.57	-	92.90
Standard Deviation	11.43	11.50	11.71
Sharpe Ratio	0.86	0.73	0.66
Tracking Error	2.13	-	3.16
Information Ratio	0.76	-	-0.26
Up Capture Ratio	102.16	-	95.46
Down Capture Ratio	91.66	-	98.23

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	14.26	15.22	15.82
Price/Book Ratio	1.62	1.58	1.72
Geom Avg Mkt Cap \$B	28.99	30.69	38.15
ROE	14.33	15.65	17.00

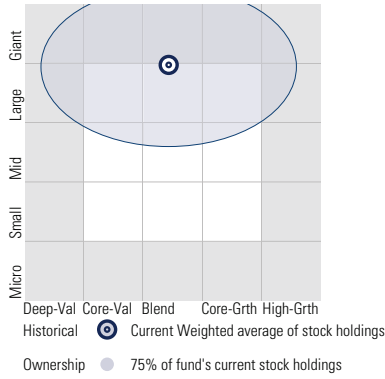
# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 12-31-2019

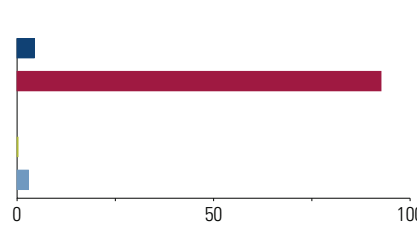
Morningstar Style Box™



## Style Breakdown

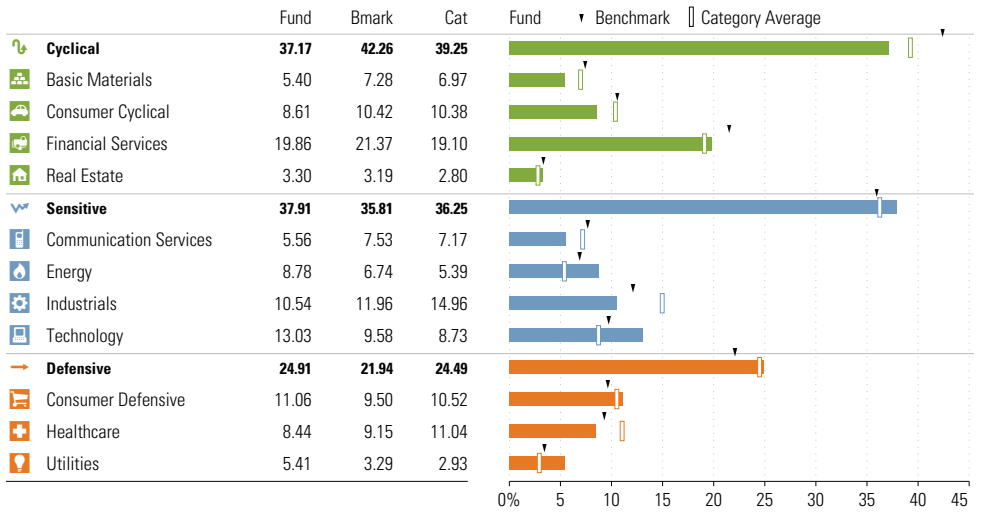


## Asset Allocation as of 12-31-2019

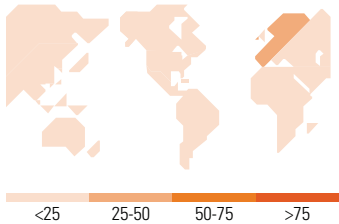


Asset Class	Net %	Cat%
US Stocks	4.33	2.96
Non-US Stocks	92.58	94.52
Bonds	0.00	-0.02
Cash	0.23	1.62
Other	2.86	0.92
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2019



## World Regions % Equity 12-31-2019



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	30.35	36.64	Americas	14.70	7.78	Greater Europe	54.96	55.59	Developed Markets	82.18
Japan	7.60	20.10	North America	9.09	6.76	United Kingdom	16.99	14.73	Emerging Markets	17.82
Australasia	1.00	4.96	Central/Latin	5.61	1.02	W euro-ex UK	34.34	39.69	Not Available	0.00
Asia-4 Tigers	13.16	6.42				Emrgng Europe	3.14	0.44		
Asia-ex 4 Tigers	8.59	5.16				Africa	0.49	0.73		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 12-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Taiwan Semiconductor Manufacturing Co Ltd	3.61	3.61	52.33	Technology
Capital Group Central Cash M	2.86	6.47	-	-
British American Tobacco PLC	2.57	9.04	37.38	Consumer Defensive
AstraZeneca PLC	2.48	11.51	33.25	Healthcare
Enel SpA	2.09	13.60	45.76	Utilities
Airbus SE	2.05	15.65	57.37	Industrials
AIA Group Ltd	1.78	17.43	27.81	Financial Services
Wynn Macau Ltd	1.73	19.16	17.68	Consumer Cyclical
ASML Holding NV	1.70	20.86	94.55	Technology
Royal Dutch Shell PLC B	1.46	22.32	1.97	Energy

**Total Holdings 227**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Portfolio Manager(s)

- Charles Groeschell since 09-2000
- Daniel Tranchita since 09-2000
- Gary Elfe since 09-2000
- M. deGuzman since 09-2000
- Mary Stanek since 09-2000
- Warren Pierson since 09-2000
- Meghan Dean since 05-2019
- Jay Schwister since 05-2019
- Jeffrey Schrom since 05-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Intermediate Core Bond category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 19.27 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 53.85% lower than the Intermediate Core Bond category average.

## Morningstar Investment Management LLC Analysis

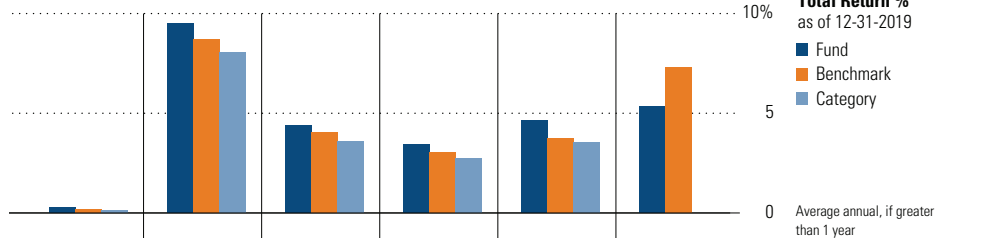
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Growth of \$10,000



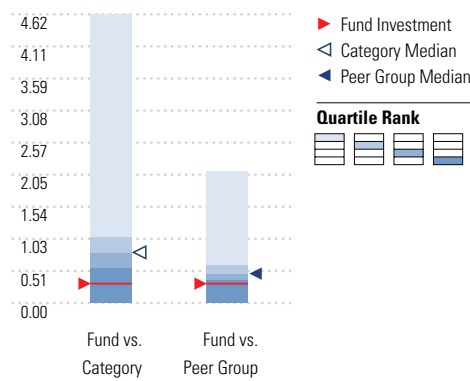
2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
8.34	7.85	7.92	-1.25	6.89	0.55	3.52	4.20	-0.30	9.48	Total Return %
1.80	0.01	3.71	0.77	0.92	0.00	0.87	0.66	-0.31	0.76	+/- Benchmark
0.62	1.99	0.91	0.17	1.71	0.81	0.29	0.49	0.20	1.42	+/- Category
31	9	34	36	8	22	37	31	41	15	Tot Ret % Rank in Cat
252	269	288	311	318	328	353	383	408	431	# of Funds in Cat
41	46	64	28	32	40	36	28	24	-	Turnover %
-	-	0.30	0.30	0.30	0.30	0.30	0.30	0.30	-	Expense Ratio

## Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
0.30	9.48	4.38	3.43	4.65	5.34	Fund Return %
0.18	8.72	4.03	3.05	3.75	7.31	Benchmark Return %
0.12	8.06	3.59	2.72	3.55	-	Category Average %
26	15	10	8	8	-	% Rank in Category
441	431	383	328	252	-	# of Funds in Category

## Net Expense



Fund vs. Category	Fund vs. Peer Group	Percentile
17	14	Rank
75/434	40/286	Rank

Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.39	-	-0.04
Beta	0.99	-	0.90
R-Squared	99.21	-	94.83
Standard Deviation	2.89	2.91	2.70
Sharpe Ratio	0.92	0.80	0.70
Tracking Error	0.26	-	0.65
Information Ratio	1.37	-	-0.81
Up Capture Ratio	102.92	-	90.67
Down Capture Ratio	91.45	-	93.11

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	5.87	4.43	5.31
Avg Eff Maturity	7.81	-	6.82

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

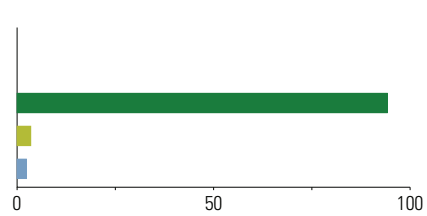
**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Style Analysis as of 12-31-2019

### Style Breakdown



## Asset Allocation as of 12-31-2019

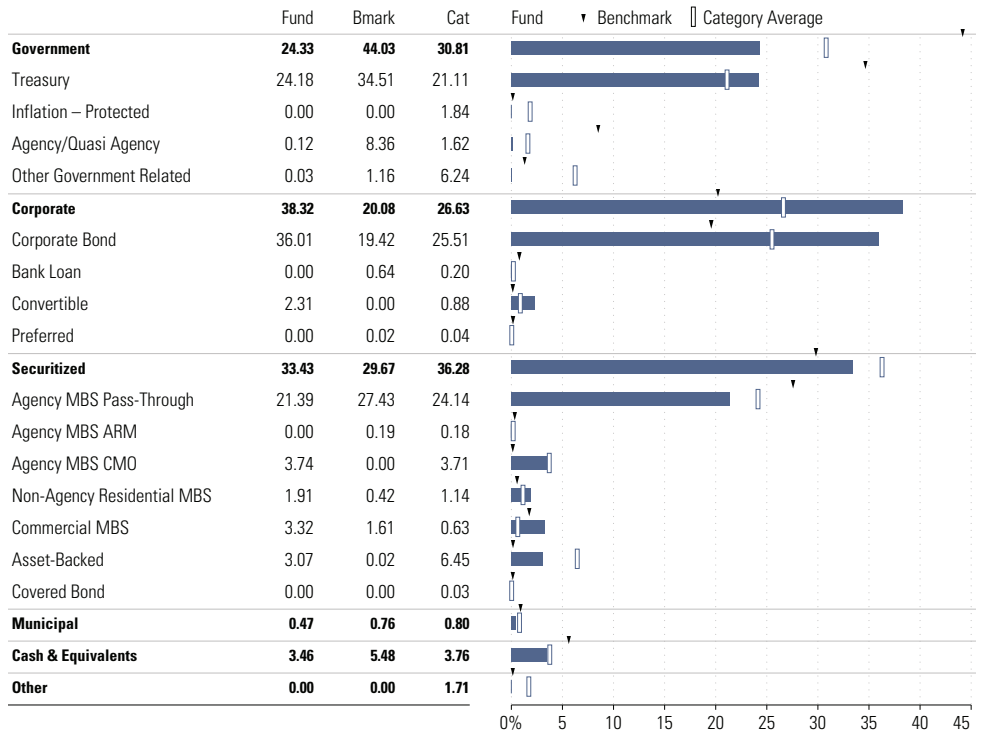


Asset Class	Net %	Cat%
US Stocks	0.00	0.05
Non-US Stocks	0.00	0.00
Bonds	94.17	99.26
Cash	3.46	-2.28
Other	2.37	2.98
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	58.90	3.53	51.61
AA	3.10	74.59	8.79
A	17.10	10.82	17.74
BBB	20.60	8.32	17.22
BB	0.30	0.28	2.29
B	0.00	0.00	0.68
Below B	0.00	0.00	0.44
Not Rated	0.00	2.46	1.23

## Sector Weighting as of 12-31-2019



## Top 10 Holdings as of 12-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ United States Treasury Notes 1.88%	03-2022	5.35	5.35	–
⊖ United States Treasury Bonds 2.88%	05-2043	3.70	9.05	–
⊕ United States Treasury Bonds 2.5%	02-2045	3.46	12.51	–
⊕ First American Government Obligs U	02-2030	3.05	15.56	–
⊖ United States Treasury Bonds 3.5%	02-2039	1.78	17.34	–
⊕ United States Treasury Notes 3.13%	11-2028	1.75	19.09	–
⊖ United States Treasury Notes 2.25%	11-2025	1.63	20.72	–
⊕ United States Treasury Notes 1.63%	08-2022	1.49	22.21	–
⊕ United States Treasury Notes 1.75%	03-2022	1.48	23.69	–
⊕ United States Treasury Notes 2%	11-2026	1.18	24.87	–

### Total Holdings 1193

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# DFA US Small Cap I DFSTX

**Morningstar Category**  
Small Blend

**Morningstar Index**  
Russell 2000 TR USD

## Portfolio Manager(s)

Jed Fogdall since 02-2012

Joel Schneider since 02-2017

## Quantitative Screens

✔ **Performance:** The fund has finished in the Small Blend category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.84 years.

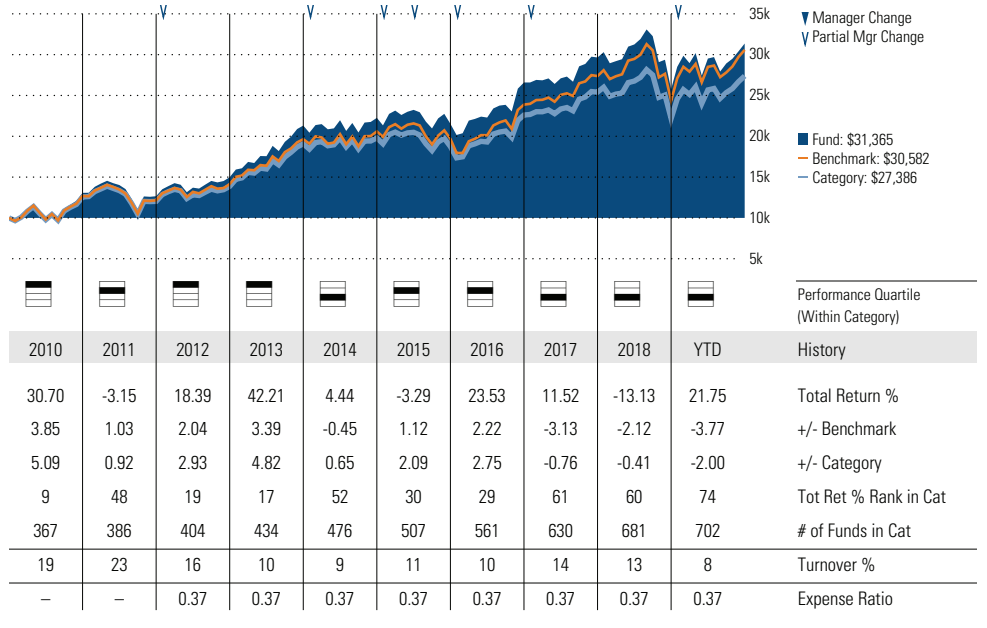
✔ **Style:** The fund has landed in its primary style box — Small Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.37 is 65.74% lower than the Small Blend category average.

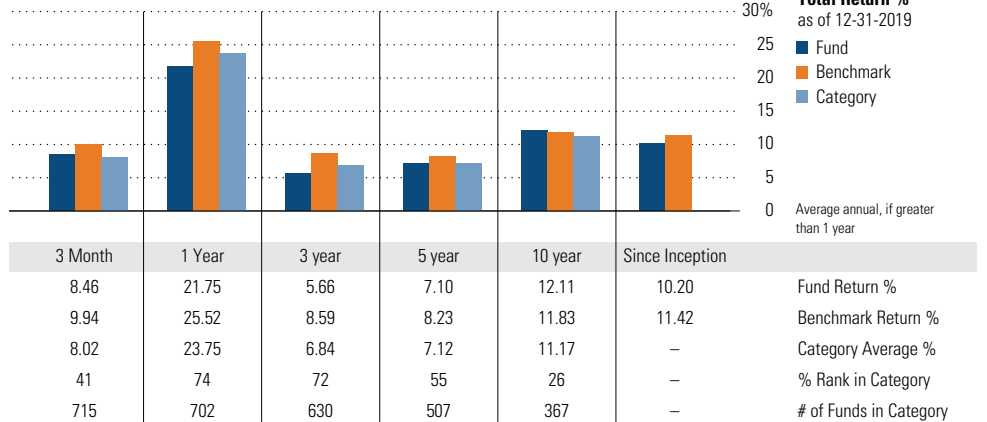
## Morningstar Investment Management LLC Analysis

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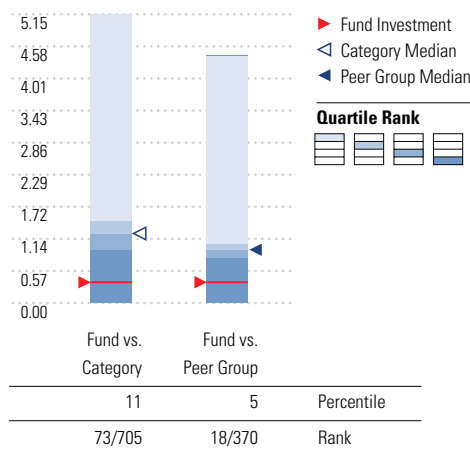
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-2.83	-	-1.27
Beta	1.01	-	0.96
R-Squared	98.16	-	93.96
Standard Deviation	16.31	15.93	15.76
Sharpe Ratio	0.31	0.49	0.40
Tracking Error	2.22	-	3.73
Information Ratio	-1.32	-	-0.68
Up Capture Ratio	95.73	-	92.56
Down Capture Ratio	110.00	-	98.85

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.28	21.08	20.01
Price/Book Ratio	1.97	2.11	2.13
Geom Avg Mkt Cap \$B	1.49	1.49	2.69
ROE	11.84	8.19	12.48

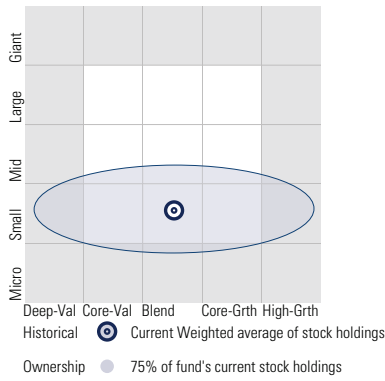
# DFA US Small Cap I DFSTX

**Morningstar Category**  
Small Blend

**Morningstar Index**  
Russell 2000 TR USD

## Style Analysis as of 12-31-2019

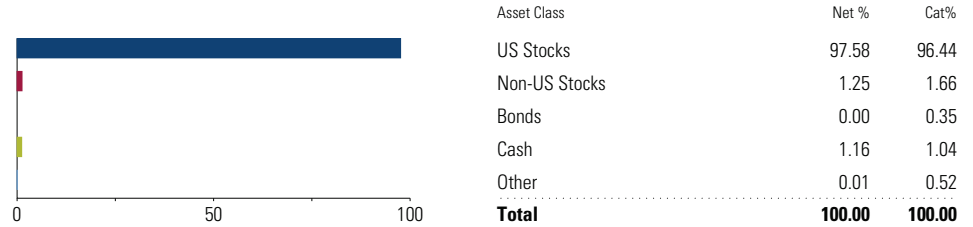
Morningstar Style Box™



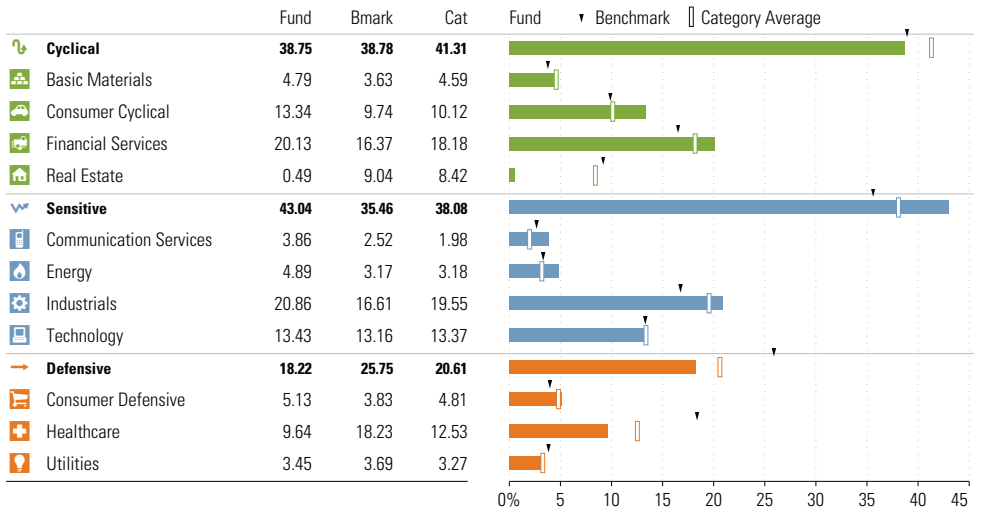
## Style Breakdown



## Asset Allocation as of 12-31-2019



## Sector Weighting as of 12-31-2019



## Top 15 Holdings as of 12-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Ssc Government Mm Gvmxx	1.12	1.12	—	—
⊕ E-mini S&P 500 Futures Mar20	0.67	1.78	—	—
⊖ Horizon Therapeutics PLC	0.42	2.20	85.26	Healthcare
⊖ TCF Financial Corp	0.35	2.55	24.46	Financial Services
⊖ Amedisys Inc	0.33	2.88	42.53	Healthcare
Deckers Outdoor Corp	0.32	3.20	31.97	Consumer Cyclical
⊖ Helen Of Troy Ltd	0.32	3.52	37.06	Consumer Defensive
Tech Data Corp	0.31	3.83	75.53	Technology
⊖ Tetra Tech Inc	0.31	4.14	67.53	Industrials
Generac Holdings Inc	0.30	4.44	102.39	Industrials
KBR Inc	0.29	4.73	103.03	Industrials
⊖ LHC Group Inc	0.28	5.01	46.74	Healthcare
Darling Ingredients Inc	0.28	5.29	45.95	Consumer Defensive
⊖ Sanderson Farms Inc	0.27	5.56	78.77	Consumer Defensive
Armstrong World Industries Inc	0.27	5.84	62.68	Industrials

**Total Holdings 2050**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Federated Government Ultrashrt Dur R6 FGULX

**Morningstar Category**  
Ultrashort Bond

**Morningstar Index**  
BBgBarc US Agg Bond TR USD

## Portfolio Manager(s)

Susan Hill since 07-1997  
Liam O'Connell since 11-2010

## Quantitative Screens

✔ **Performance:** The fund has finished in the Ultrashort Bond category's top three quartiles in 2 of the 3 years it's been in existence.

✔ **Management:** The fund's management has been in place for 22.49 years.

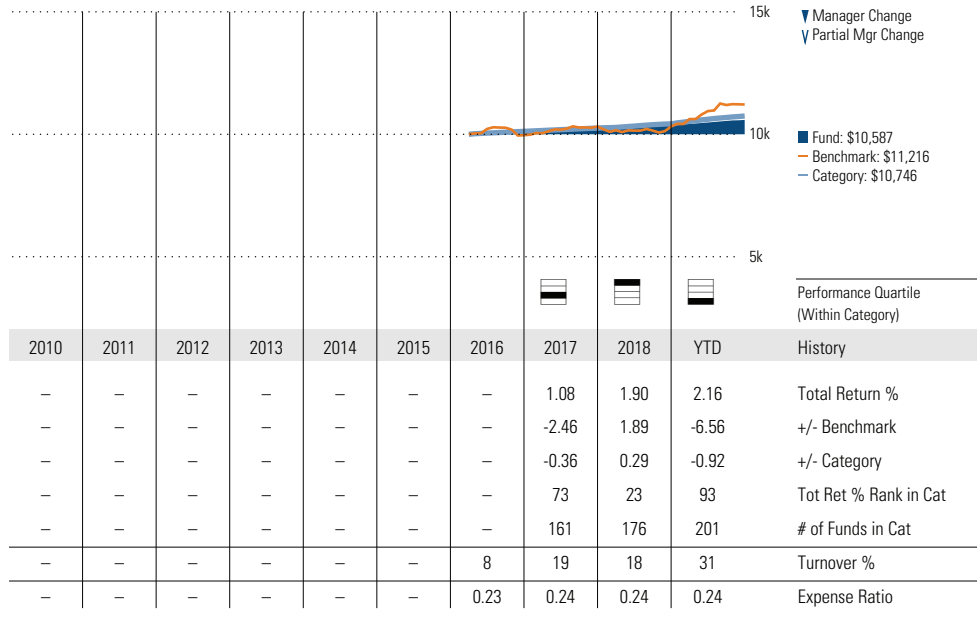
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.24 is 47.83% lower than the Ultrashort Bond category average.

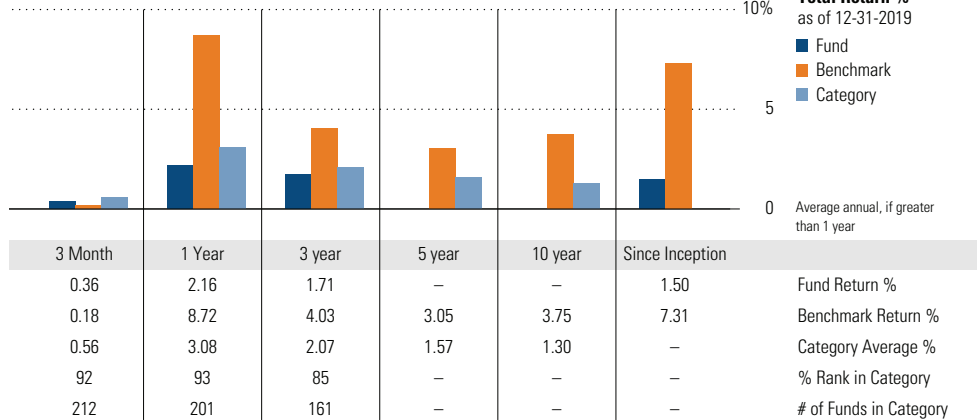
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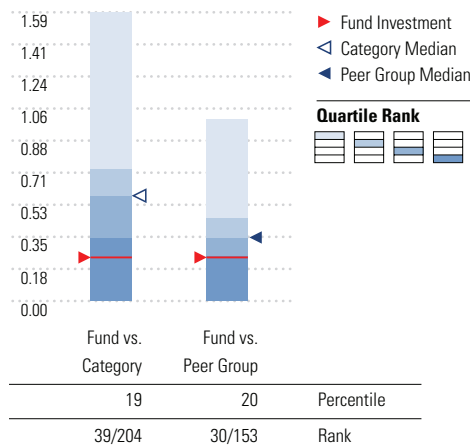
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.57	-	1.88
Beta	0.03	-	0.04
R-Squared	16.08	-	16.38
Standard Deviation	0.24	2.91	0.40
Sharpe Ratio	0.00	0.80	0.86
Tracking Error	2.82	-	2.83
Information Ratio	-0.82	-	-0.70
Up Capture Ratio	18.37	-	23.27
Down Capture Ratio	-31.09	-	-33.04

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.38	4.43	0.89
Avg Eff Maturity	2.62	-	1.73

# Federated Government Ultrashrt Dur R6 FGULX

**Morningstar Category**  
Ultrashort Bond

**Morningstar Index**  
BBgBarc US Agg Bond TR USD

**Style Analysis** as of 12-31-2019

**Style Breakdown**



**Asset Allocation** as of 12-31-2019

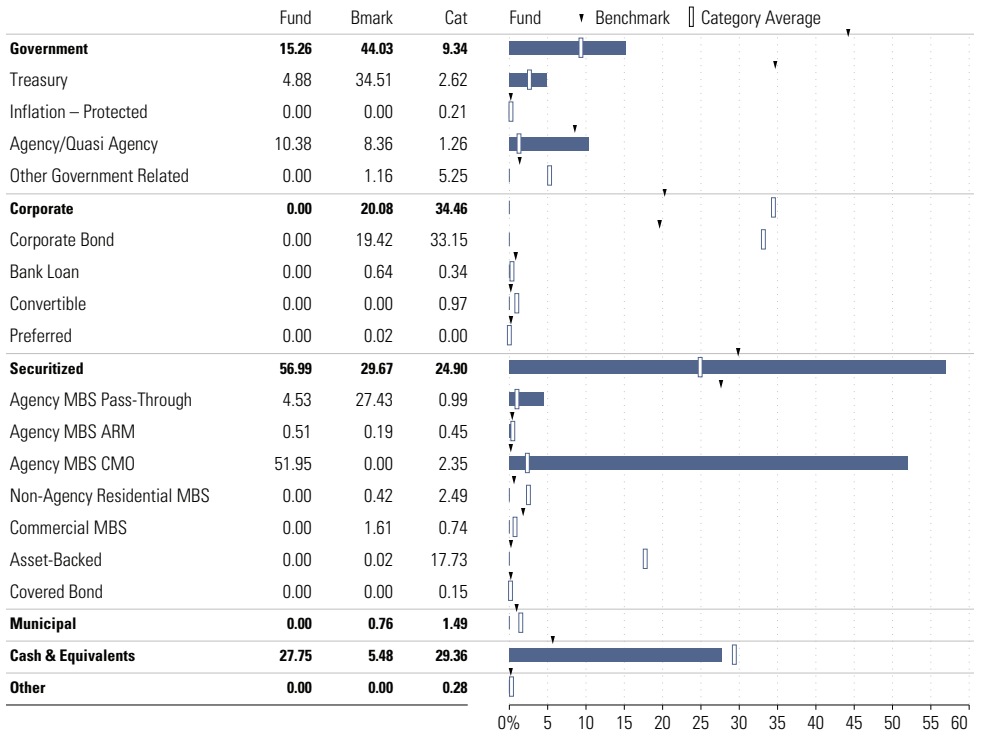


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.00
Bonds	72.25	68.36
Cash	27.75	29.27
Other	0.00	2.36
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	100.00	3.53	46.67
AA	0.00	74.59	12.35
A	0.00	10.82	22.65
BBB	0.00	8.32	14.09
BB	0.00	0.28	0.85
B	0.00	0.00	0.30
Below B	0.00	0.00	0.21
Not Rated	0.00	2.46	2.89

**Sector Weighting** as of 12-31-2019



**Top 10 Holdings** as of 12-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bmcap Repo 5 Repo	01-2020	22.34	22.34	–
⊖ Government National Mortgage Association 2.16%	01-2049	4.01	26.35	–
⊖ Government National Mortgage Association 2.21%	01-2049	3.43	29.78	–
⊖ Government National Mortgage Association 0.82%	02-2065	3.33	33.11	–
⊖ Government National Mortgage Association 0.82%	01-2065	3.21	36.32	–
⊖ Government National Mortgage Association 2.16%	09-2046	2.72	39.04	–
⊖ Government National Mortgage Association 0.59%	09-2062	2.43	41.47	–
⊖ Government National Mortgage Association 0.74%	06-2062	2.32	43.78	–
⊖ Government National Mortgage Association 2.16%	10-2046	2.23	46.02	–
⊖ Government National Mortgage Association 2.16%	01-2047	2.14	48.16	–

**Total Holdings 223**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# MFS Massachusetts Investors Tr R6 MITJX

**Morningstar Category**  
Large Blend

**Morningstar Index**  
S&P 500 TR USD

## Portfolio Manager(s)

T. Kevin Beatty since 07-2004  
Edward (ted) Maloney since 04-2012  
Alison Mackey since 05-2018

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large Blend category's top three quartiles in 7 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 15.51 years.

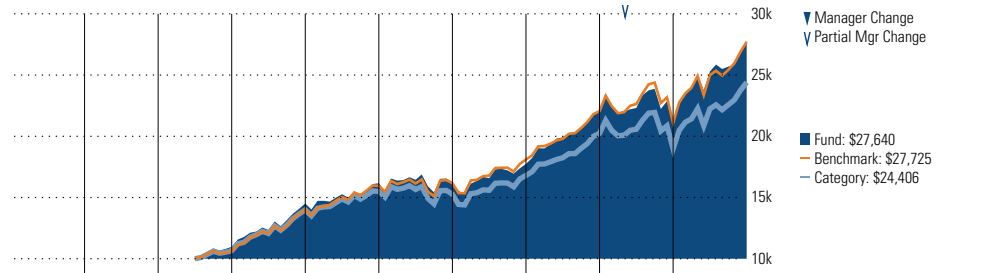
✘ **Style:** The fund has landed in its primary style box — Large Blend — 14.29 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.39 is 56.18% lower than the Large Blend category average.

## Morningstar Investment Management LLC Analysis

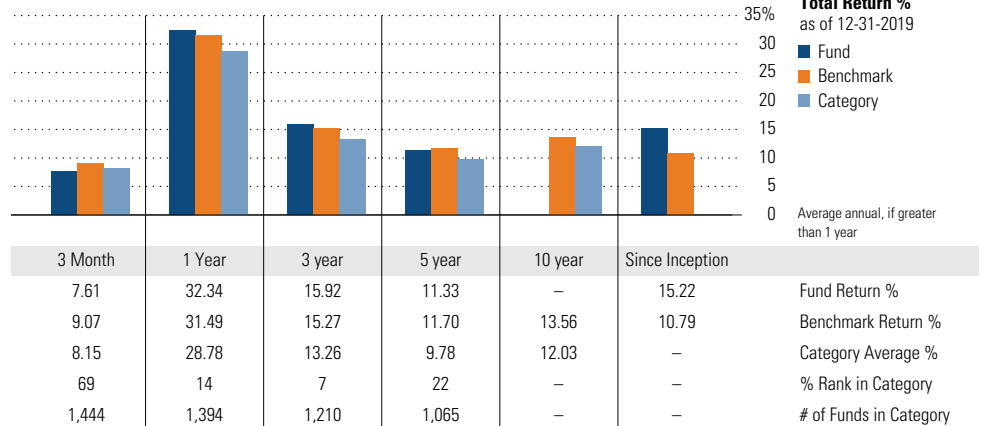
This fund fails our style consistency screen owing to frequent drift into the growth column of our style box. We're not concerned about this matter, as the drift has been slight, and the portfolio still represents a core strategy.

## Growth of \$10,000

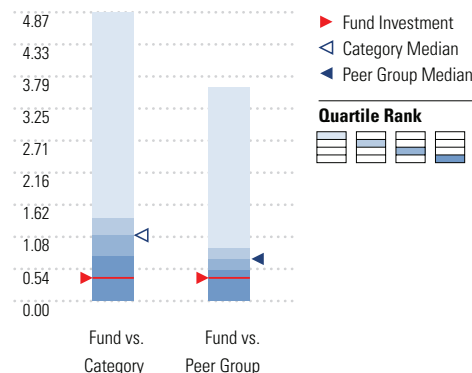


2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	History
-	-	-	32.35	11.36	0.58	9.15	23.93	-5.03	32.34	Total Return %
-	-	-	-0.04	-2.33	-0.80	-2.81	2.10	-0.65	0.85	+/- Benchmark
-	-	-	0.85	0.40	1.65	-1.22	3.49	1.24	3.56	+/- Category
-	-	-	63	36	35	68	11	40	14	Tot Ret % Rank in Cat
-	-	-	948	1,008	1,066	1,140	1,210	1,320	1,394	# of Funds in Cat
-	-	30	19	18	18	12	12	13	16	Turnover %
-	-	0.43	0.39	0.38	0.38	0.39	0.39	-	-	Expense Ratio

## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.16	-	-1.42
Beta	0.96	-	0.95
R-Squared	96.02	-	94.36
Standard Deviation	11.83	12.10	11.87
Sharpe Ratio	1.17	1.10	0.96
Tracking Error	2.41	-	2.89
Information Ratio	0.27	-	-1.41
Up Capture Ratio	98.96	-	90.48
Down Capture Ratio	92.36	-	97.68

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.34	18.71	17.87
Price/Book Ratio	2.83	2.74	2.65
Geom Avg Mkt Cap \$B	56.60	73.09	97.84
ROE	20.01	21.80	22.01

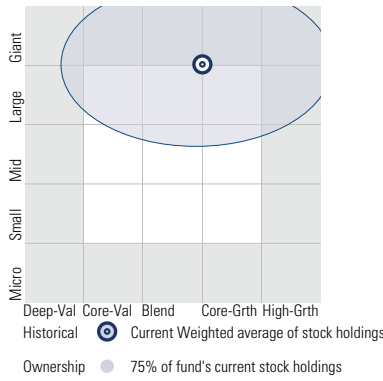
# MFS Massachusetts Investors Tr R6 MITJX

Morningstar Category  
Large Blend

Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 12-31-2019

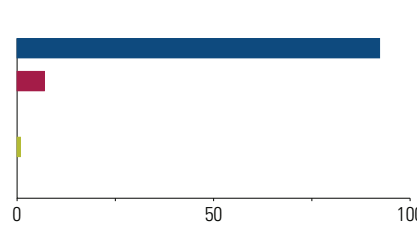
Morningstar Style Box™



## Style Breakdown

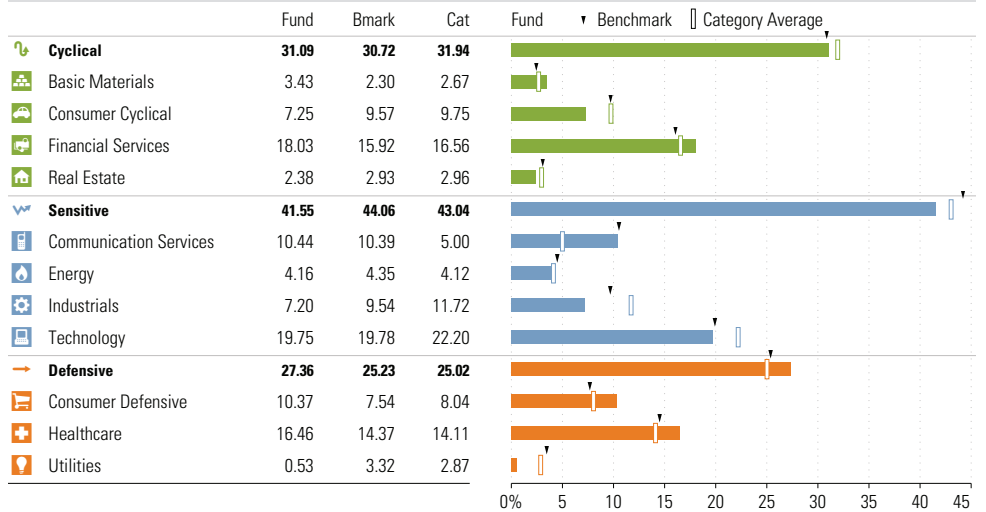


## Asset Allocation as of 12-31-2019



Asset Class	Net %	Cat%
US Stocks	92.23	94.41
Non-US Stocks	6.92	3.02
Bonds	0.00	0.33
Cash	0.85	0.74
Other	0.00	1.50
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2019



## Top 15 Holdings as of 12-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Alphabet Inc A	3.41	3.41	28.18	Communication Svc
JPMorgan Chase & Co	3.10	6.51	46.18	Financial Services
Microsoft Corp	2.96	9.47	57.12	Technology
Medtronic PLC	2.67	12.14	27.06	Healthcare
Mastercard Inc A	2.53	14.67	58.98	Financial Services
Johnson & Johnson	2.52	17.19	15.94	Healthcare
Bank of America Corp	2.42	19.61	45.62	Financial Services
American Tower Corp	2.36	21.97	47.67	Real Estate
Visa Inc Class A	2.35	24.32	43.21	Financial Services
Thermo Fisher Scientific Inc	2.14	26.47	45.51	Healthcare
Accenture PLC Class A	2.06	28.52	50.93	Technology
Fidelity National Information Services Inc	2.05	30.58	37.00	Technology
Comcast Corp Class A	2.01	32.59	33.92	Communication Svc
Honeywell International Inc	1.90	34.48	36.51	Industrials
Becton, Dickinson and Co	1.80	36.28	22.08	Healthcare

Total Holdings 76

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement I 2010 I TRPAX

**Morningstar Category**  
Target-Date 2000-2010

**Morningstar Index**  
Morningstar Lifetime Mod 2010 TR USD

## Portfolio Manager(s)

Jerome Clark since 09-2015  
Wyatt Lee since 09-2015  
Kim DeDominicis since 10-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2000-2010 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.26 years.

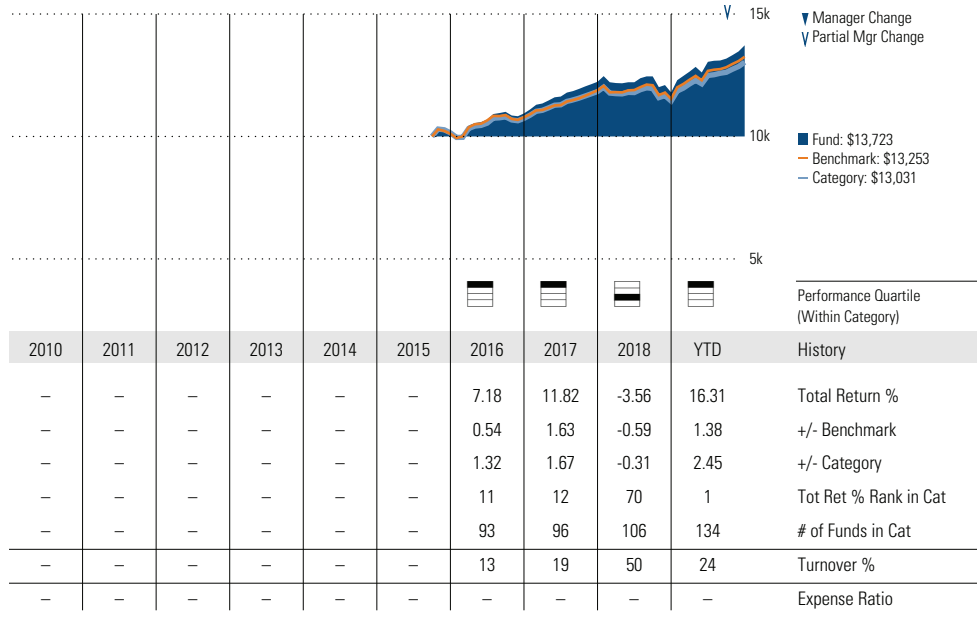
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.4 is 35.48% lower than the Target-Date 2000-2010 category average.

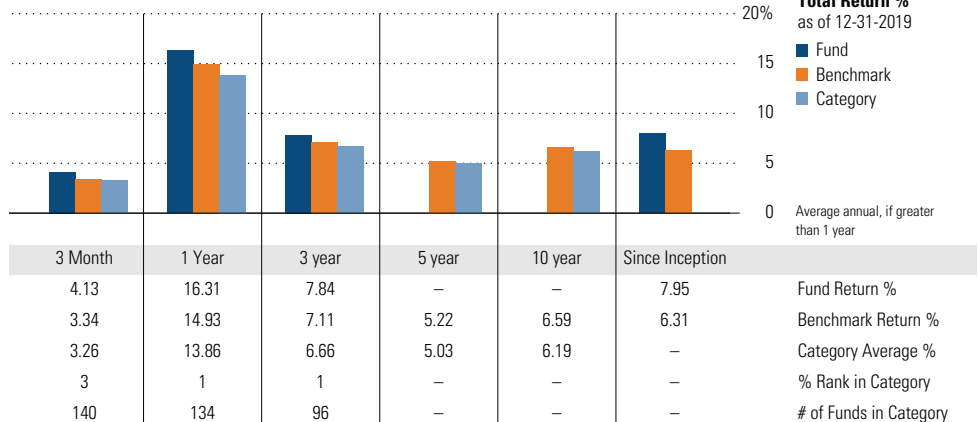
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

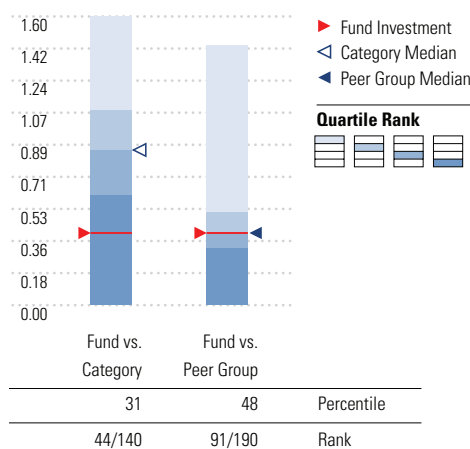
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.19	-	0.02
Beta	1.07	-	0.93
R-Squared	97.66	-	95.41
Standard Deviation	4.99	4.59	4.37
Sharpe Ratio	1.19	1.15	1.10
Tracking Error	0.83	-	1.03
Information Ratio	0.88	-	-0.39
Up Capture Ratio	108.23	-	93.13
Down Capture Ratio	104.50	-	92.84

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.89	18.08
Price/Book Ratio	-	2.19	2.26
Avg Eff Duration	4.34	-	5.85

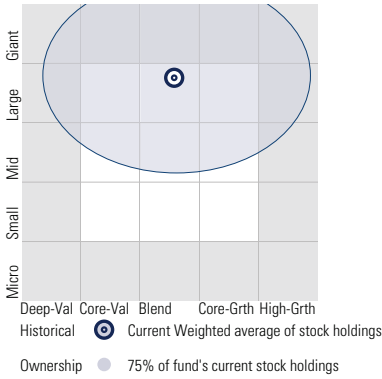
# T. Rowe Price Retirement I 2010 I TRPAX

**Morningstar Category**  
Target-Date 2000-2010

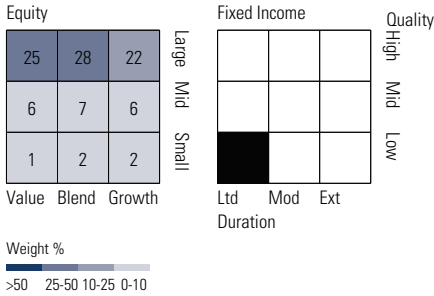
**Morningstar Index**  
Morningstar Lifetime Mod 2010 TR USD

## Style Analysis as of 12-31-2019

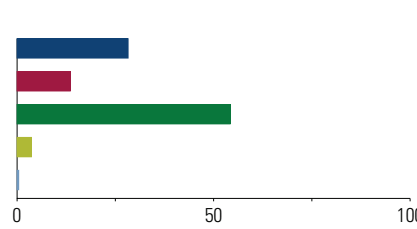
Morningstar Style Box™



## Style Breakdown

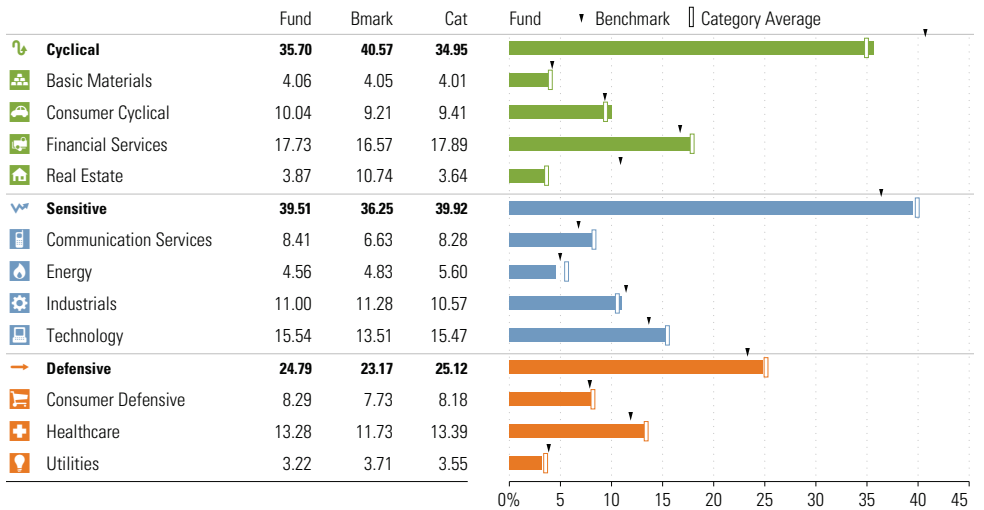


## Asset Allocation as of 12-31-2019



Asset Class	Net %	Cat%
US Stocks	28.24	19.69
Non-US Stocks	13.52	10.84
Bonds	54.20	51.26
Cash	3.64	8.19
Other	0.40	10.04
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2019



## Top 10 Holdings as of 12-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Equity Index 500 I	—	21.55	21.55	—	—
⊕ T. Rowe Price New Income I	—	18.22	39.77	—	—
⊕ T. Rowe Price Ltd Dur Infl Focus Bd I	—	16.28	56.04	—	—
⊕ T. Rowe Price Intl Bd (USD Hdgd) I	—	6.13	62.17	—	—
⊕ T. Rowe Price Emerging Markets Bond I	—	4.81	66.98	—	—
⊕ T. Rowe Price Dynamic Global Bond I	—	4.10	71.08	—	—
⊕ T. Rowe Price Overseas Stock I	—	3.74	74.82	—	—
⊕ T. Rowe Price High Yield I	—	3.70	78.52	—	—
⊕ T. Rowe Price International Stock I	—	3.57	82.09	—	—
⊕ T. Rowe Price International Value Eq I	—	3.38	85.47	—	—

## Total Holdings 20

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement I 2015 I TRFGX

**Morningstar Category**  
Target-Date 2015

**Morningstar Index**  
Morningstar Lifetime Mod 2015 TR USD

## Portfolio Manager(s)

Jerome Clark since 09-2015  
Wyatt Lee since 09-2015  
Kim DeDominicis since 10-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2015 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.26 years.

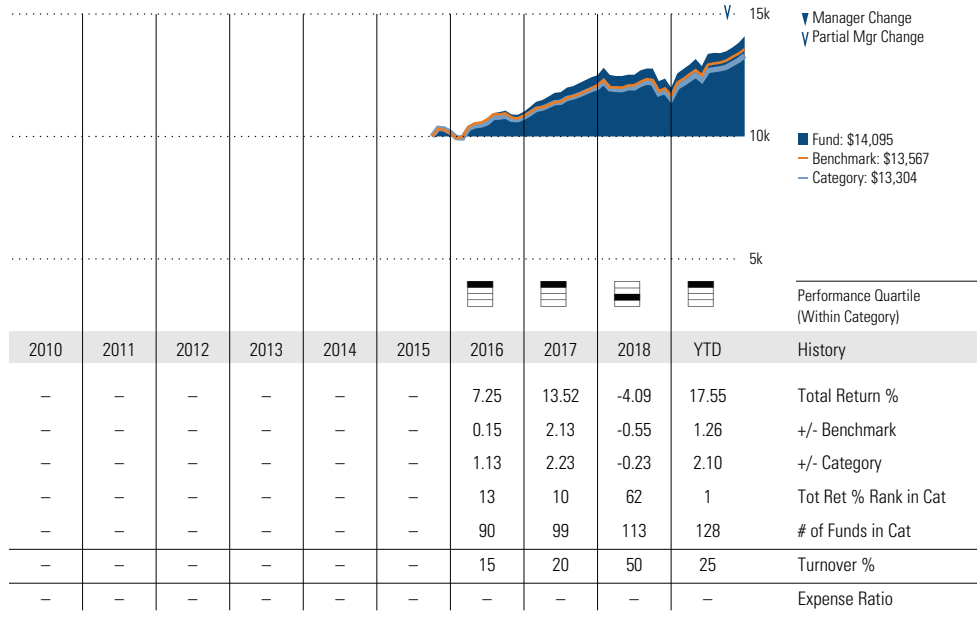
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.43 is 34.85% lower than the Target-Date 2015 category average.

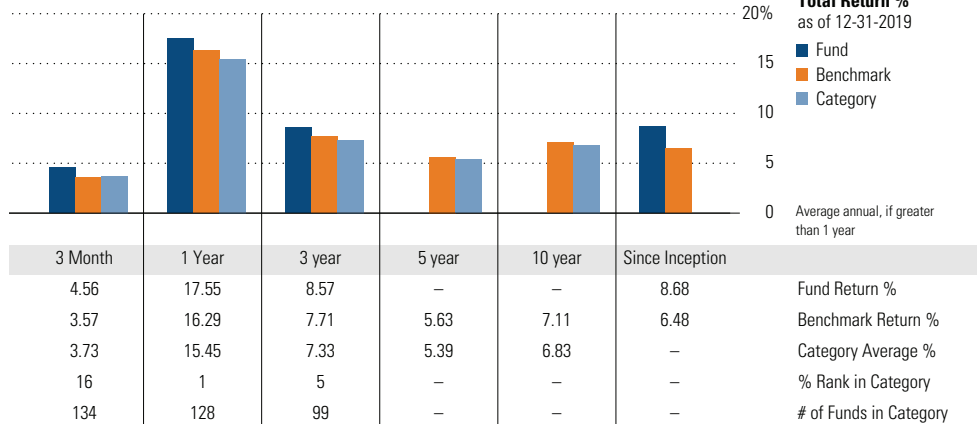
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

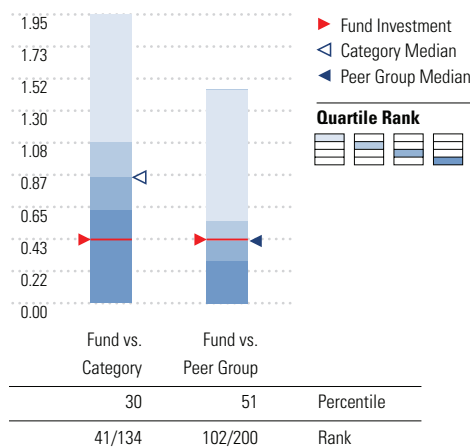
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.02	-	-0.34
Beta	1.11	-	0.98
R-Squared	97.00	-	96.15
Standard Deviation	5.74	5.08	5.10
Sharpe Ratio	1.16	1.15	1.06
Tracking Error	1.15	-	1.09
Information Ratio	0.75	-	-0.44
Up Capture Ratio	110.22	-	96.00
Down Capture Ratio	108.77	-	100.51

## Portfolio Metrics

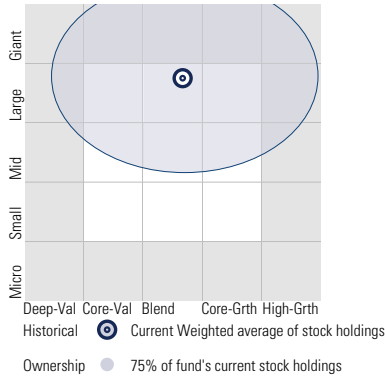
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.82	18.03
Price/Book Ratio	-	2.17	2.27
Avg Eff Duration	4.49	-	5.36

# T. Rowe Price Retirement I 2015 I TRFGX

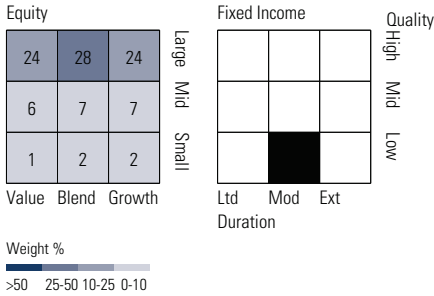
**Morningstar Category**  
Target-Date 2015

**Morningstar Index**  
Morningstar Lifetime Mod 2015 TR USD

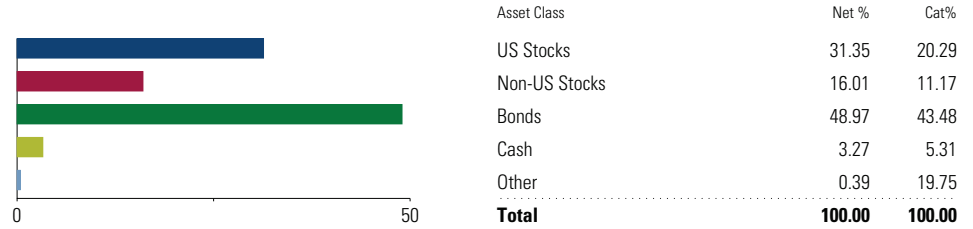
**Style Analysis** as of 12-31-2019  
Morningstar Style Box™



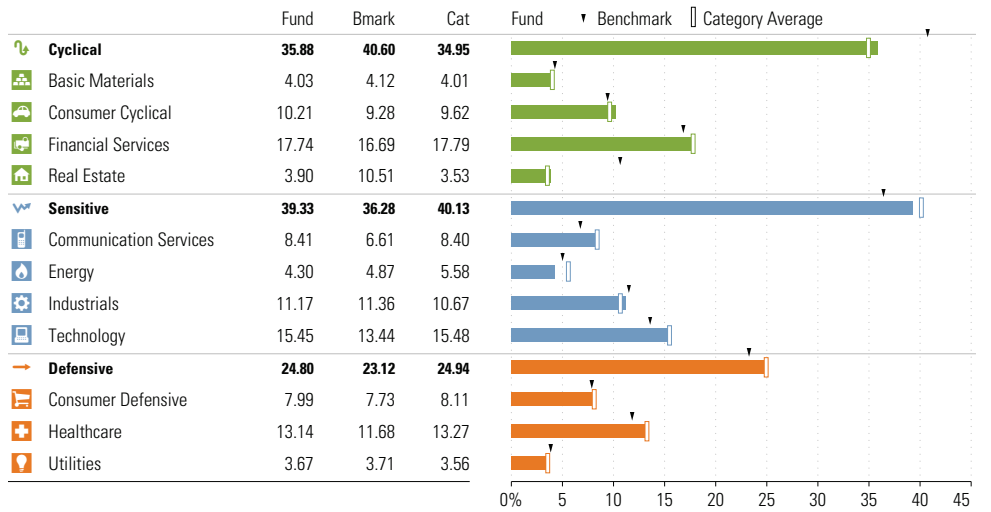
**Style Breakdown**



**Asset Allocation** as of 12-31-2019



**Sector Weighting** as of 12-31-2019



**Top 10 Holdings** as of 12-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Equity Index 500 I	-	18.19	18.19	-	-
⊕ T. Rowe Price New Income I	-	17.07	35.26	-	-
⊕ T. Rowe Price Ltd Dur Infl Focus Bd I	-	13.45	48.70	-	-
⊕ T. Rowe Price Intl Bd (USD Hdgd) I	-	5.76	54.46	-	-
⊕ T. Rowe Price Emerging Markets Bond I	-	4.32	58.79	-	-
⊕ T. Rowe Price Overseas Stock I	-	4.23	63.02	-	-
⊖ T. Rowe Price International Stock I	-	3.99	67.01	-	-
⊕ T. Rowe Price International Value Eq I	-	3.90	70.91	-	-
⊕ T. Rowe Price Dynamic Global Bond I	-	3.84	74.75	-	-
⊕ T. Rowe Price High Yield I	-	3.34	78.09	-	-

**Total Holdings** 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# T. Rowe Price Retirement I 2020 I TRBRX

**Morningstar Category**  
Target-Date 2020

**Morningstar Index**  
Morningstar Lifetime Mod 2020 TR USD

## Portfolio Manager(s)

Jerome Clark since 09-2015  
Wyatt Lee since 09-2015  
Kim DeDominicis since 10-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2020 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.26 years.

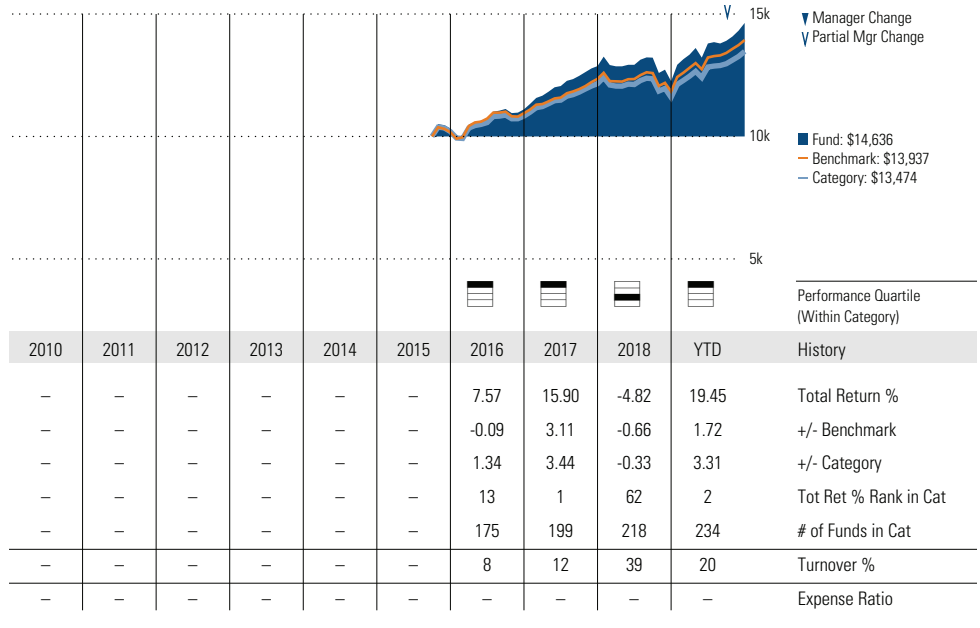
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.46 is 38.67% lower than the Target-Date 2020 category average.

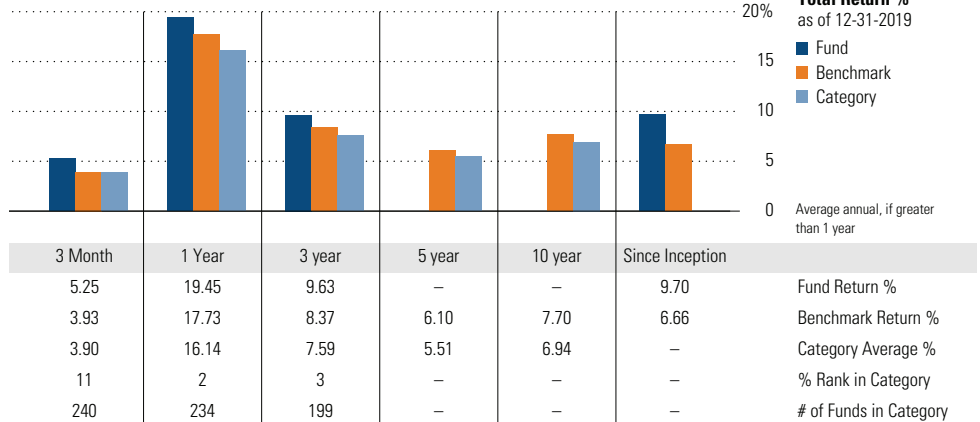
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

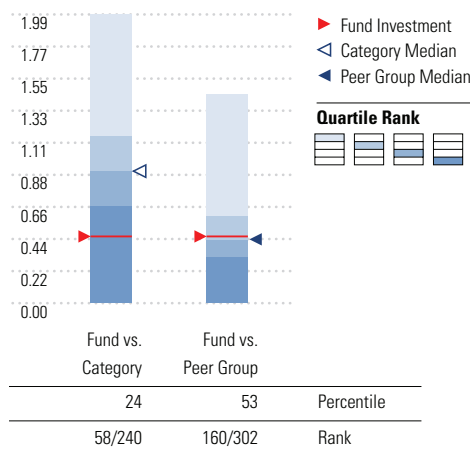
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.15	-	-0.43
Beta	1.17	-	0.93
R-Squared	96.94	-	93.75
Standard Deviation	6.76	5.70	5.43
Sharpe Ratio	1.14	1.14	1.00
Tracking Error	1.52	-	1.47
Information Ratio	0.83	-	-0.68
Up Capture Ratio	116.25	-	90.28
Down Capture Ratio	119.27	-	96.24

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.75	17.87
Price/Book Ratio	-	2.15	2.22
Avg Eff Duration	4.80	-	5.77

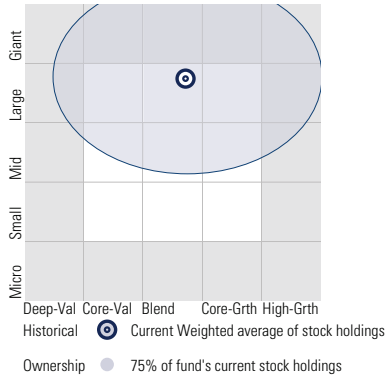
# T. Rowe Price Retirement I 2020 I TRBRX

**Morningstar Category**  
Target-Date 2020

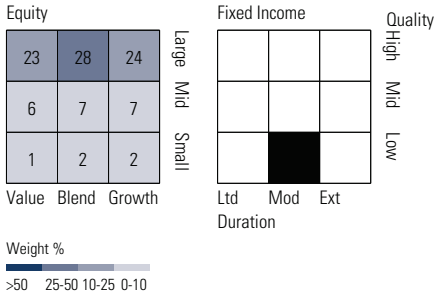
**Morningstar Index**  
Morningstar Lifetime Mod 2020 TR USD

## Style Analysis as of 12-31-2019

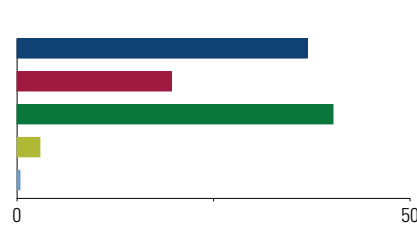
Morningstar Style Box™



## Style Breakdown

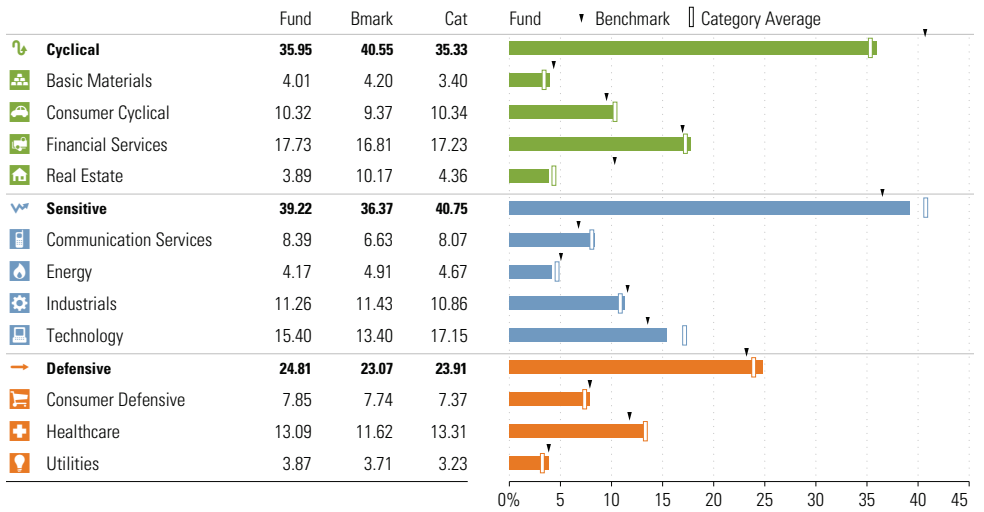


## Asset Allocation as of 12-31-2019



Asset Class	Net %	Cat%
US Stocks	36.90	17.45
Non-US Stocks	19.62	5.83
Bonds	40.19	37.92
Cash	2.90	3.66
Other	0.37	35.13
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2019



## Top 10 Holdings as of 12-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Equity Index 500 I	-	17.83	17.83	-	-
⊕ T. Rowe Price New Income I	-	15.05	32.88	-	-
⊕ T. Rowe Price Ltd Dur Infl Focus Bd I	-	8.60	41.48	-	-
⊕ T. Rowe Price Growth Stock I	-	5.52	47.00	-	-
⊕ T. Rowe Price Value I	-	5.21	52.21	-	-
⊕ T. Rowe Price Intl Bd (USD Hdgd) I	-	5.08	57.29	-	-
⊕ T. Rowe Price Overseas Stock I	-	5.06	62.35	-	-
⊖ T. Rowe Price International Stock I	-	4.83	67.17	-	-
⊕ T. Rowe Price International Value Eq I	-	4.71	71.88	-	-
⊕ T. Rowe Price Emerging Markets Bond I	-	3.74	75.62	-	-

## Total Holdings 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement I 2025 I TRPHX

**Morningstar Category**  
Target-Date 2025

**Morningstar Index**  
Morningstar Lifetime Mod 2025 TR USD

## Portfolio Manager(s)

Jerome Clark since 09-2015  
Wyatt Lee since 09-2015  
Kim DeDominicis since 10-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2025 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.26 years.

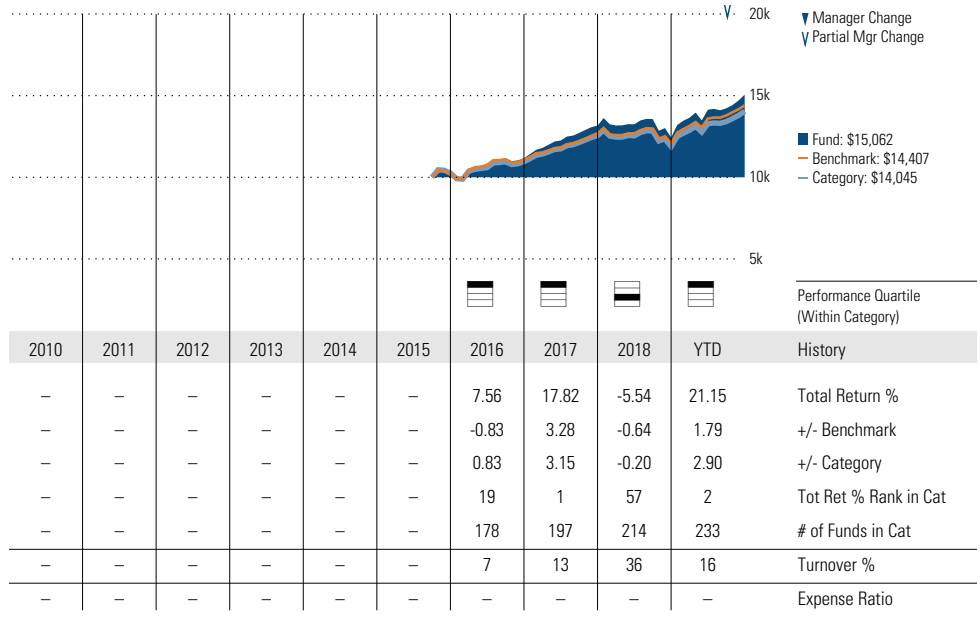
✘ **Style:** The fund has landed in its primary style box — Large Blend — 63.64 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.5 is 31.51% lower than the Target-Date 2025 category average.

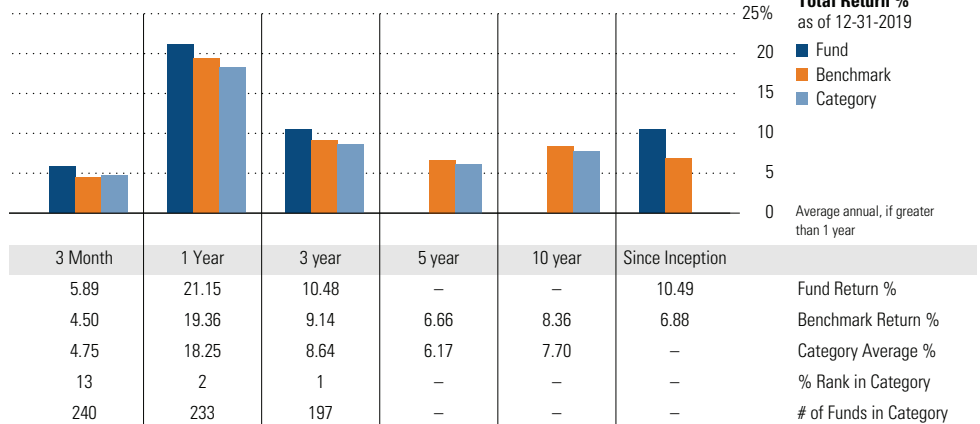
## Morningstar Investment Management LLC Analysis

This fund fails our current style screen. Because this is a target-date fund, this screen failure does not concern us and we are still comfortable using this fund.

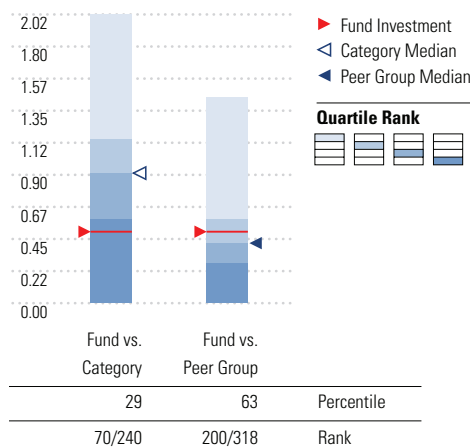
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-0.16	-	-0.57
Beta	1.16	-	0.99
R-Squared	97.23	-	96.98
Standard Deviation	7.70	6.53	6.60
Sharpe Ratio	1.11	1.11	1.01
Tracking Error	1.66	-	1.30
Information Ratio	0.80	-	-0.51
Up Capture Ratio	116.73	-	97.10
Down Capture Ratio	121.28	-	104.59

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.67	17.99
Price/Book Ratio	-	2.12	2.26
Avg Eff Duration	5.21	-	5.86

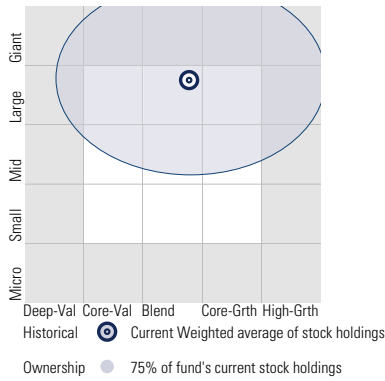
# T. Rowe Price Retirement I 2025 I TRPHX

**Morningstar Category**  
Target-Date 2025

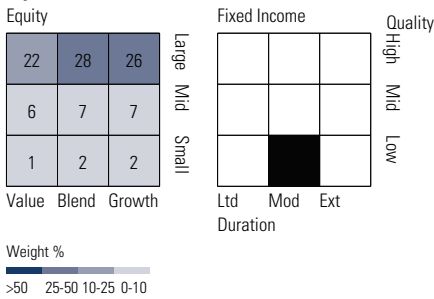
**Morningstar Index**  
Morningstar Lifetime Mod 2025 TR USD

## Style Analysis as of 12-31-2019

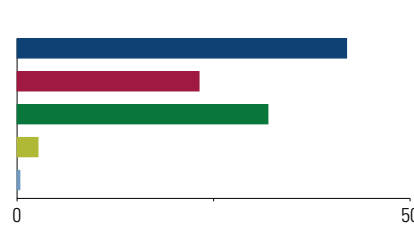
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2019



Asset Class	Net %	Cat%
US Stocks	41.92	17.36
Non-US Stocks	23.15	7.34
Bonds	31.91	20.14
Cash	2.66	1.95
Other	0.35	53.20
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2019

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>35.99</b>	<b>40.48</b>	<b>35.27</b>			
Basic Materials	3.95	4.31	3.75			
Consumer Cyclical	10.48	9.47	10.20			
Financial Services	17.72	16.95	17.49			
Real Estate	3.84	9.75	3.83			
<b>Sensitive</b>	<b>39.16</b>	<b>36.49</b>	<b>40.96</b>			
Communication Services	8.44	6.67	8.91			
Energy	3.98	4.94	4.79			
Industrials	11.35	11.51	10.82			
Technology	15.39	13.37	16.44			
<b>Defensive</b>	<b>24.84</b>	<b>23.04</b>	<b>23.77</b>			
Consumer Defensive	7.67	7.74	7.74			
Healthcare	13.00	11.59	12.78			
Utilities	4.17	3.71	3.25			

## Top 10 Holdings as of 12-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Equity Index 500 I	—	15.17	15.17	—	—
⊕ T. Rowe Price New Income I	—	12.92	28.08	—	—
⊕ T. Rowe Price Growth Stock I	—	9.32	37.40	—	—
⊕ T. Rowe Price Value I	—	8.76	46.16	—	—
⊕ T. Rowe Price Overseas Stock I	—	5.81	51.97	—	—
⊕ T. Rowe Price International Stock I	—	5.53	57.51	—	—
⊕ T. Rowe Price International Value Eq I	—	5.49	63.00	—	—
⊕ T. Rowe Price Ltd Dur Infl Focus Bd I	—	4.64	67.64	—	—
⊕ T. Rowe Price Intl Bd (USD Hdgd) I	—	4.36	72.00	—	—
⊕ T. Rowe Price Emerging Markets Stock I	—	3.70	75.70	—	—

## Total Holdings 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement I 2030 I TRPCX

**Morningstar Category**  
Target-Date 2030

**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

## Portfolio Manager(s)

Jerome Clark since 09-2015  
Wyatt Lee since 09-2015  
Kim DeDominicis since 10-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2030 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.26 years.

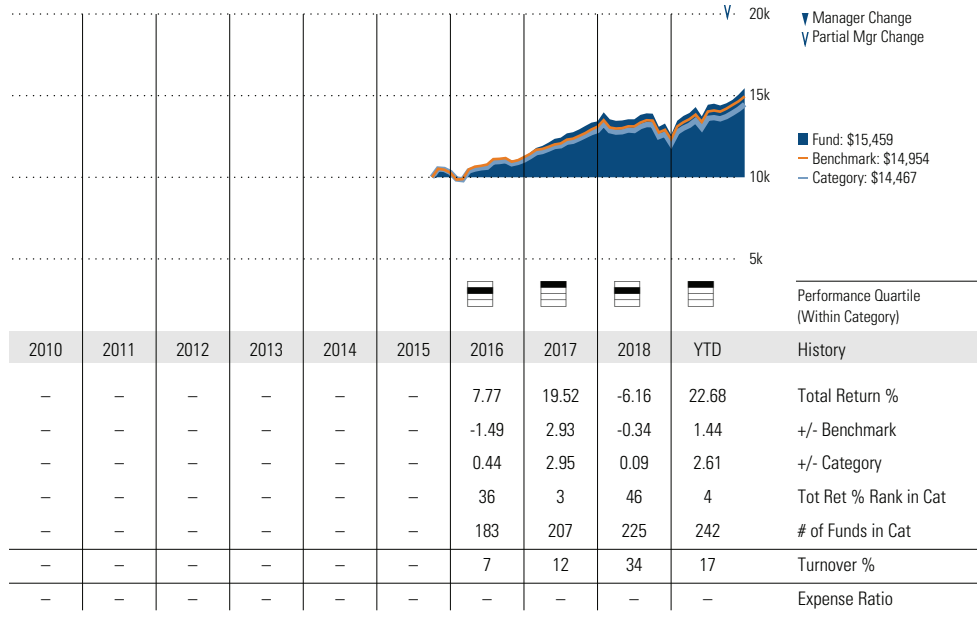
✘ **Style:** The fund has landed in its primary style box — Large Growth — 54.55 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.53 is 31.17% lower than the Target-Date 2030 category average.

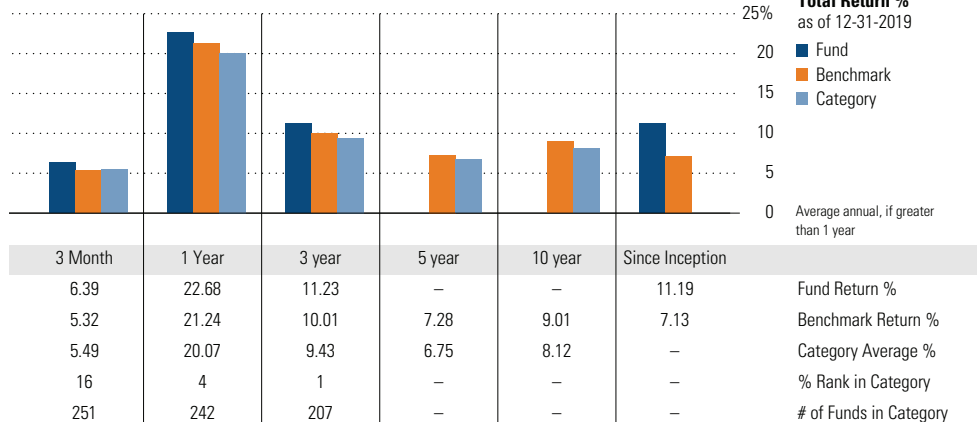
## Morningstar Investment Management LLC Analysis

This fund fails our current style screen. Because this is a target-date fund, this screen failure does not concern us and we are still comfortable using this fund.

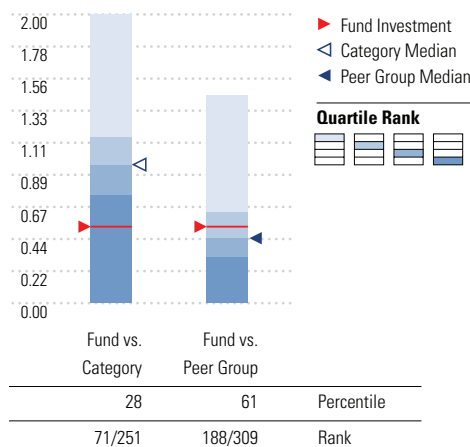
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.14	-	-0.60
Beta	1.11	-	0.99
R-Squared	97.84	-	96.39
Standard Deviation	8.56	7.66	7.72
Sharpe Ratio	1.09	1.06	0.96
Tracking Error	1.49	-	1.42
Information Ratio	0.81	-	-0.46
Up Capture Ratio	111.55	-	97.19
Down Capture Ratio	111.15	-	104.17

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.60	17.87
Price/Book Ratio	-	2.10	2.20
Avg Eff Duration	5.59	-	5.88

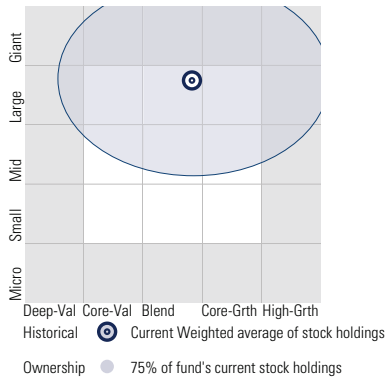
# T. Rowe Price Retirement I 2030 I TRPCX

**Morningstar Category**  
Target-Date 2030

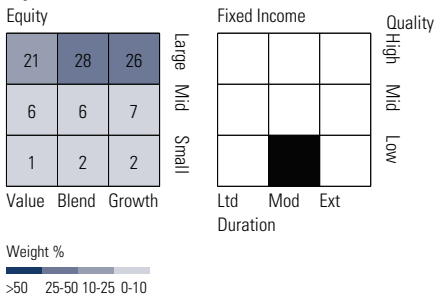
**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

## Style Analysis as of 12-31-2019

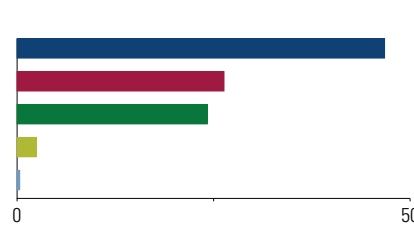
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2019



Asset Class	Net %	Cat%
US Stocks	46.75	27.05
Non-US Stocks	26.32	11.57
Bonds	24.19	16.47
Cash	2.42	2.07
Other	0.33	42.84
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2019

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>36.00</b>	<b>40.33</b>	<b>35.23</b>			
Basic Materials	3.91	4.40	3.64			
Consumer Cyclical	10.58	9.58	10.37			
Financial Services	17.69	17.12	17.68			
Real Estate	3.82	9.23	3.54			
<b>Sensitive</b>	<b>39.11</b>	<b>36.64</b>	<b>40.73</b>			
Communication Services	8.43	6.69	8.93			
Energy	3.84	4.98	4.52			
Industrials	11.46	11.62	10.95			
Technology	15.38	13.35	16.33			
<b>Defensive</b>	<b>24.89</b>	<b>23.03</b>	<b>24.04</b>			
Consumer Defensive	7.53	7.77	7.79			
Healthcare	12.97	11.54	12.90			
Utilities	4.39	3.72	3.35			

## Top 10 Holdings as of 12-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	-	12.79	12.79	-	-
⊕ T. Rowe Price Equity Index 500 I	-	12.49	25.28	-	-
⊕ T. Rowe Price Value I	-	12.00	37.28	-	-
⊕ T. Rowe Price New Income I	-	10.45	47.72	-	-
⊕ T. Rowe Price Overseas Stock I	-	6.52	54.24	-	-
⊕ T. Rowe Price International Stock I	-	6.22	60.46	-	-
⊕ T. Rowe Price International Value Eq I	-	6.12	66.58	-	-
⊕ T. Rowe Price Emerging Markets Stock I	-	4.09	70.67	-	-
⊕ T. Rowe Price Intl Bd (USD Hdgd) I	-	3.44	74.11	-	-
⊕ T. Rowe Price Mid-Cap Growth I	-	3.36	77.47	-	-

## Total Holdings 22

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement I 2035 I TRPJX

**Morningstar Category**  
Target-Date 2035

**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

## Portfolio Manager(s)

Jerome Clark since 09-2015  
Wyatt Lee since 09-2015  
Kim DeDominicis since 10-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2035 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.26 years.

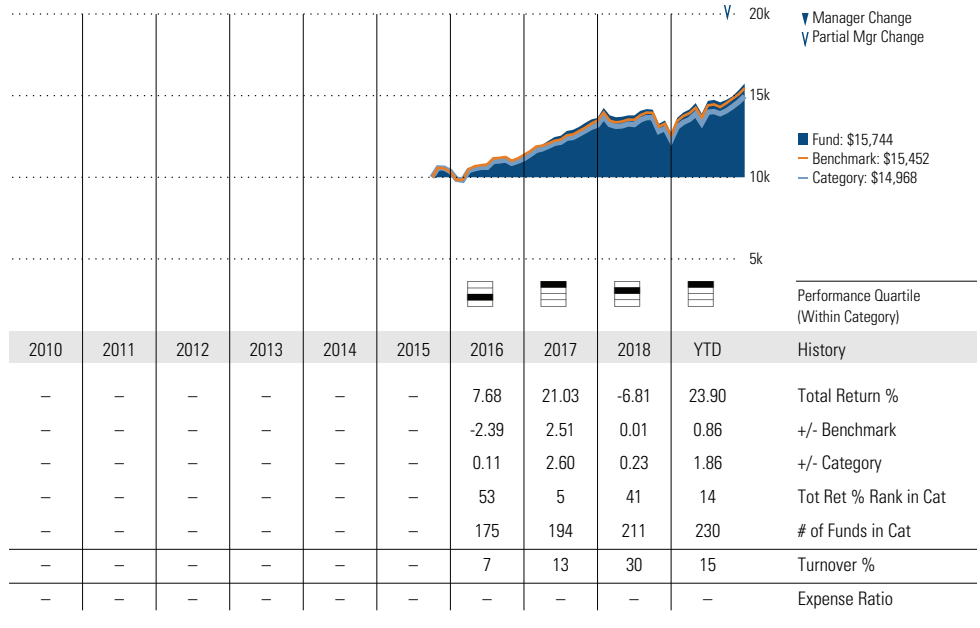
✔ **Style:** The fund has landed in its primary style box — Large Growth — 72.73 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.56 is 26.32% lower than the Target-Date 2035 category average.

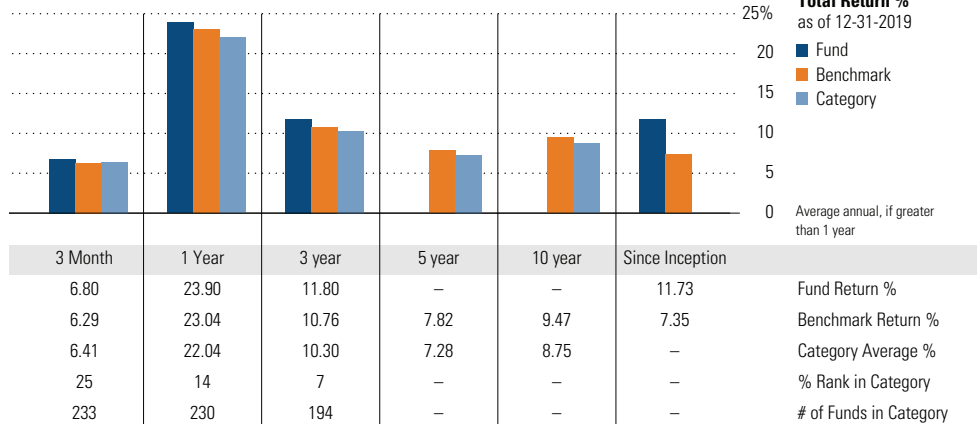
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

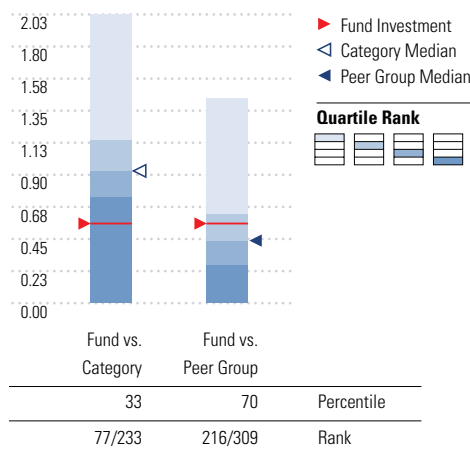
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.56	-	-0.39
Beta	1.04	-	0.99
R-Squared	98.07	-	98.32
Standard Deviation	9.30	8.86	8.86
Sharpe Ratio	1.06	1.01	0.95
Tracking Error	1.34	-	1.27
Information Ratio	0.78	-	-0.41
Up Capture Ratio	106.04	-	97.98
Down Capture Ratio	101.53	-	101.65

## Portfolio Metrics

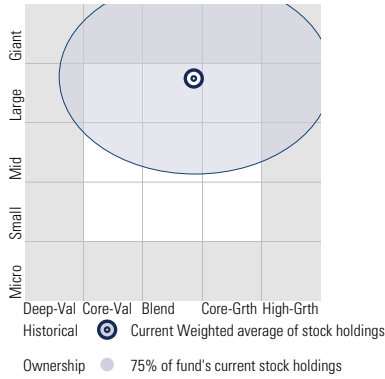
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.52	18.00
Price/Book Ratio	-	2.08	2.24
Avg Eff Duration	6.16	-	5.90

# T. Rowe Price Retirement I 2035 I TRPJX

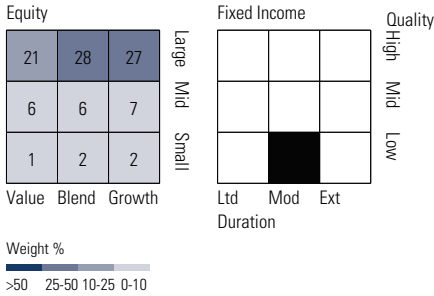
**Morningstar Category**  
Target-Date 2035

**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

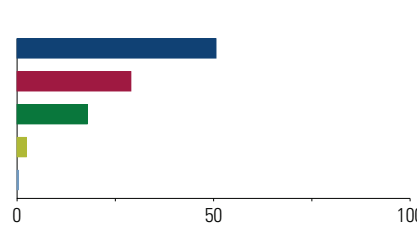
**Style Analysis** as of 12-31-2019  
Morningstar Style Box™



**Style Breakdown**

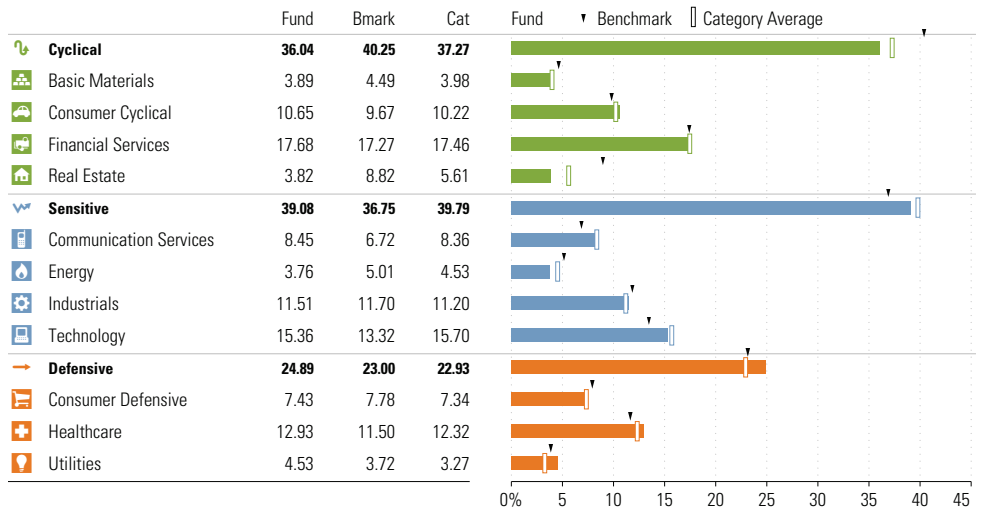


**Asset Allocation** as of 12-31-2019



Asset Class	Net %	Cat%
US Stocks	50.60	45.41
Non-US Stocks	28.94	24.50
Bonds	17.83	18.38
Cash	2.33	2.74
Other	0.30	8.97
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2019



**Top 10 Holdings** as of 12-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	-	15.66	15.66	-	-
⊕ T. Rowe Price Value I	-	14.60	30.26	-	-
⊕ T. Rowe Price Equity Index 500 I	-	10.32	40.58	-	-
⊕ T. Rowe Price New Income I	-	8.39	48.97	-	-
⊕ T. Rowe Price Overseas Stock I	-	7.09	56.06	-	-
⊕ T. Rowe Price International Stock I	-	6.73	62.79	-	-
⊕ T. Rowe Price International Value Eq I	-	6.64	69.44	-	-
⊕ T. Rowe Price Emerging Markets Stock I	-	4.46	73.90	-	-
⊕ T. Rowe Price Mid-Cap Growth I	-	3.65	77.55	-	-
⊕ T. Rowe Price Mid-Cap Value I	-	3.44	80.98	-	-

**Total Holdings 21**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# T. Rowe Price Retirement I 2040 I TRPDX

**Morningstar Category**  
Target-Date 2040

**Morningstar Index**  
Morningstar Lifetime Mod 2040 TR USD

## Portfolio Manager(s)

Jerome Clark since 09-2015  
Wyatt Lee since 09-2015  
Kim DeDominicis since 10-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2040 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.26 years.

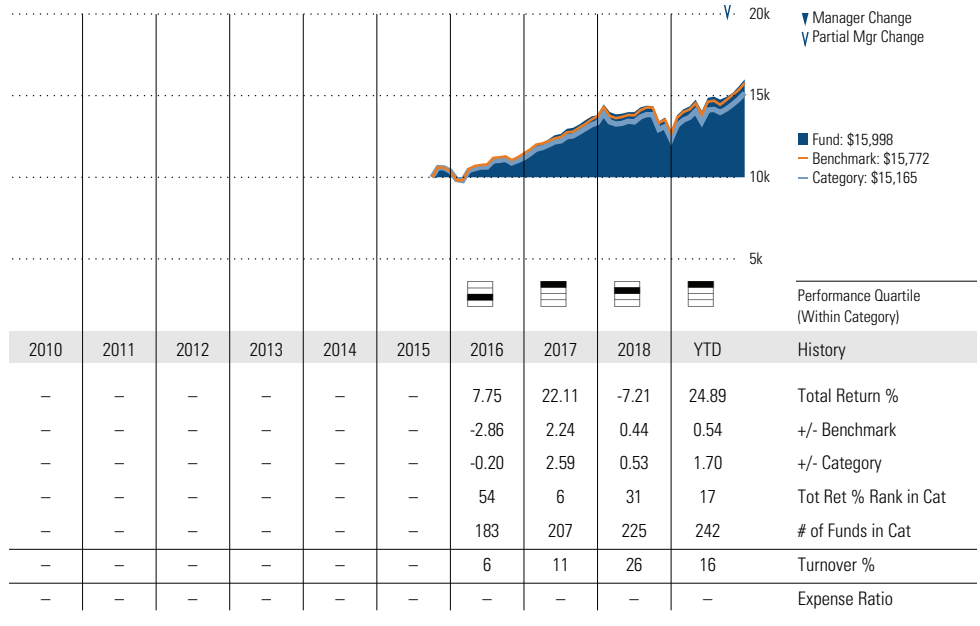
✔ **Style:** The fund has landed in its primary style box — Large Growth — 72.73 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.58 is 26.58% lower than the Target-Date 2040 category average.

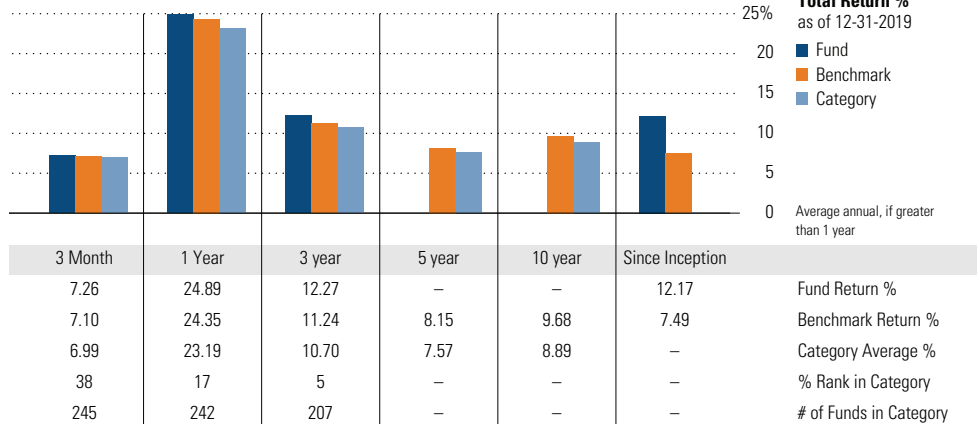
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

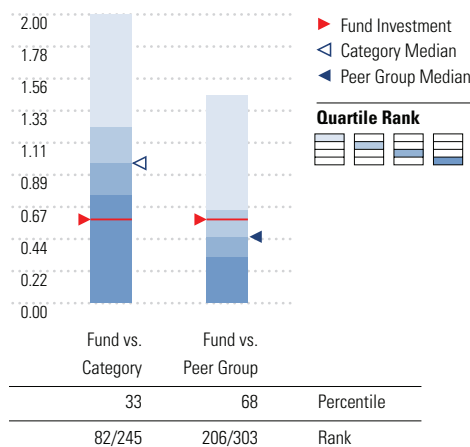
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.98	-	-0.20
Beta	1.00	-	0.96
R-Squared	97.88	-	96.84
Standard Deviation	9.86	9.80	9.53
Sharpe Ratio	1.05	0.96	0.92
Tracking Error	1.44	-	1.50
Information Ratio	0.72	-	-0.40
Up Capture Ratio	102.81	-	95.45
Down Capture Ratio	95.31	-	97.29

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.44	17.85
Price/Book Ratio	-	2.06	2.20
Avg Eff Duration	6.52	-	5.93

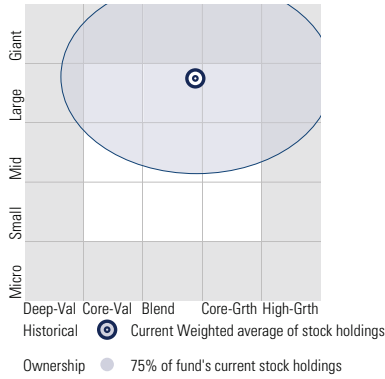
# T. Rowe Price Retirement I 2040 I TRPDX

**Morningstar Category**  
Target-Date 2040

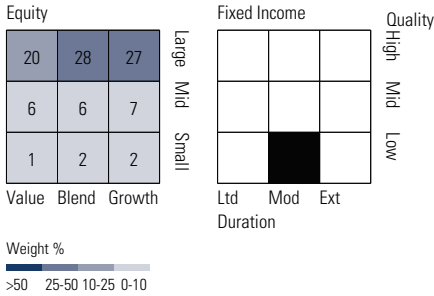
**Morningstar Index**  
Morningstar Lifetime Mod 2040 TR USD

## Style Analysis as of 12-31-2019

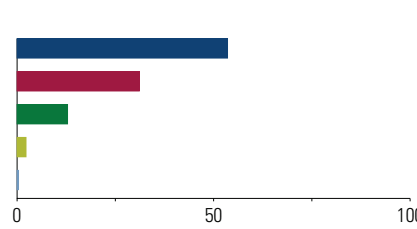
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2019



Asset Class	Net %	Cat%
US Stocks	53.54	38.04
Non-US Stocks	31.09	19.96
Bonds	12.83	5.97
Cash	2.26	1.63
Other	0.27	34.41
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2019

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>36.05</b>	<b>40.29</b>	<b>36.34</b>			
Basic Materials	3.86	4.57	3.95			
Consumer Cyclical	10.72	9.74	10.31			
Financial Services	17.67	17.38	17.51			
Real Estate	3.80	8.60	4.57			
<b>Sensitive</b>	<b>39.04</b>	<b>36.80</b>	<b>40.45</b>			
Communication Services	8.46	6.73	8.74			
Energy	3.67	5.05	4.57			
Industrials	11.55	11.75	11.08			
Technology	15.36	13.27	16.06			
<b>Defensive</b>	<b>24.91</b>	<b>22.90</b>	<b>23.21</b>			
Consumer Defensive	7.36	7.77	7.55			
Healthcare	12.90	11.42	12.48			
Utilities	4.65	3.71	3.18			

## Top 10 Holdings as of 12-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	-	18.18	18.18	-	-
⊕ T. Rowe Price Value I	-	16.96	35.15	-	-
⊕ T. Rowe Price Equity Index 500 I	-	8.12	43.27	-	-
⊕ T. Rowe Price Overseas Stock I	-	7.56	50.83	-	-
⊕ T. Rowe Price International Stock I	-	7.20	58.03	-	-
⊕ T. Rowe Price International Value Eq I	-	7.07	65.10	-	-
⊕ T. Rowe Price New Income I	-	6.01	71.10	-	-
⊕ T. Rowe Price Emerging Markets Stock I	-	4.74	75.85	-	-
⊕ T. Rowe Price Mid-Cap Growth I	-	3.90	79.74	-	-
⊕ T. Rowe Price Mid-Cap Value I	-	3.58	83.33	-	-

## Total Holdings 21

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement I 2045 I TRPKX

**Morningstar Category**  
Target-Date 2045

**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Portfolio Manager(s)

Jerome Clark since 09-2015  
Wyatt Lee since 09-2015  
Kim DeDominicis since 10-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2045 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.26 years.

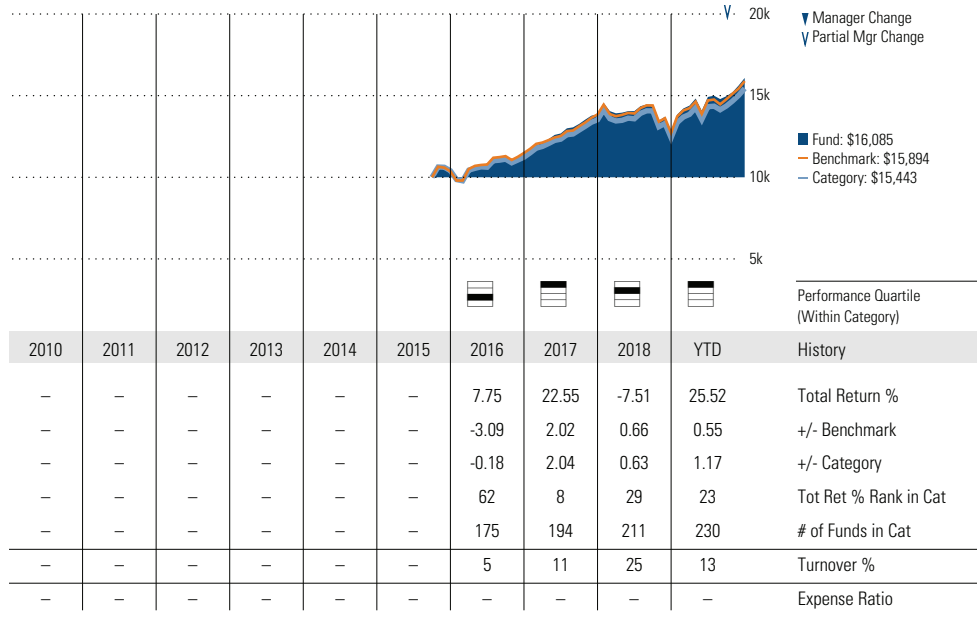
✔ **Style:** The fund has landed in its primary style box — Large Growth — 72.73 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.59 is 23.38% lower than the Target-Date 2045 category average.

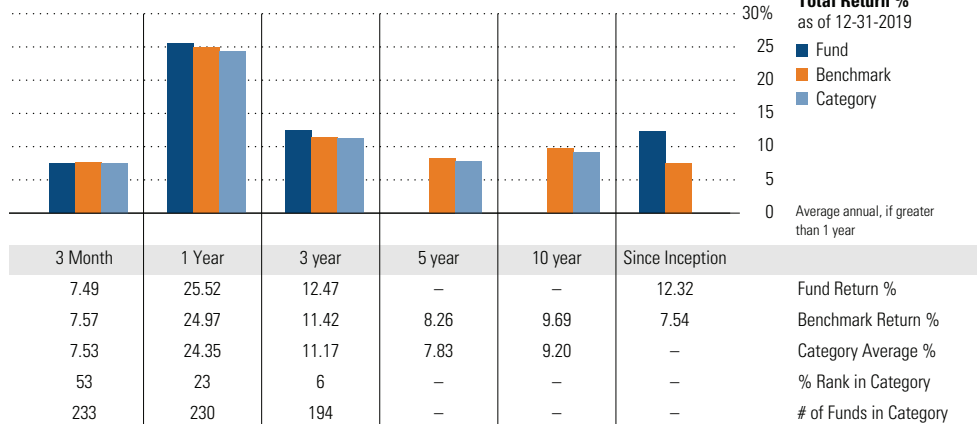
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

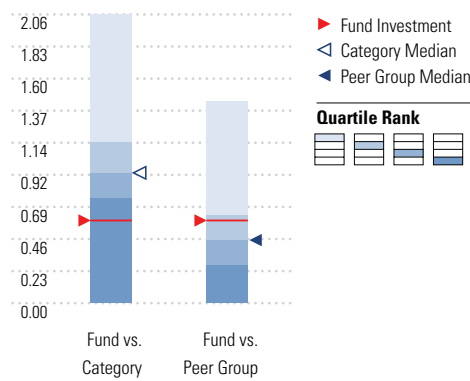
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.10	-	-0.12
Beta	0.99	-	0.98
R-Squared	97.89	-	98.54
Standard Deviation	10.25	10.28	10.17
Sharpe Ratio	1.03	0.94	0.92
Tracking Error	1.49	-	1.28
Information Ratio	0.70	-	-0.30
Up Capture Ratio	102.05	-	97.85
Down Capture Ratio	93.98	-	98.82

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.36	18.17
Price/Book Ratio	-	2.04	2.23
Avg Eff Duration	6.78	-	5.97

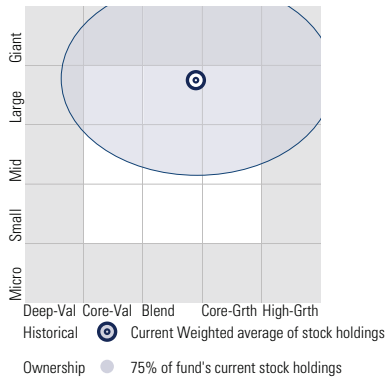
# T. Rowe Price Retirement I 2045 | TRPKX

**Morningstar Category**  
Target-Date 2045

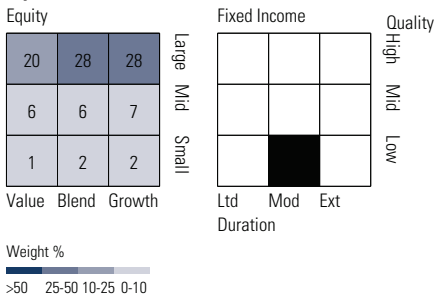
**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Style Analysis as of 12-31-2019

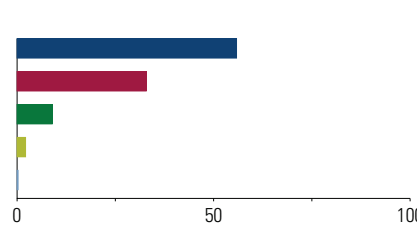
Morningstar Style Box™



## Style Breakdown

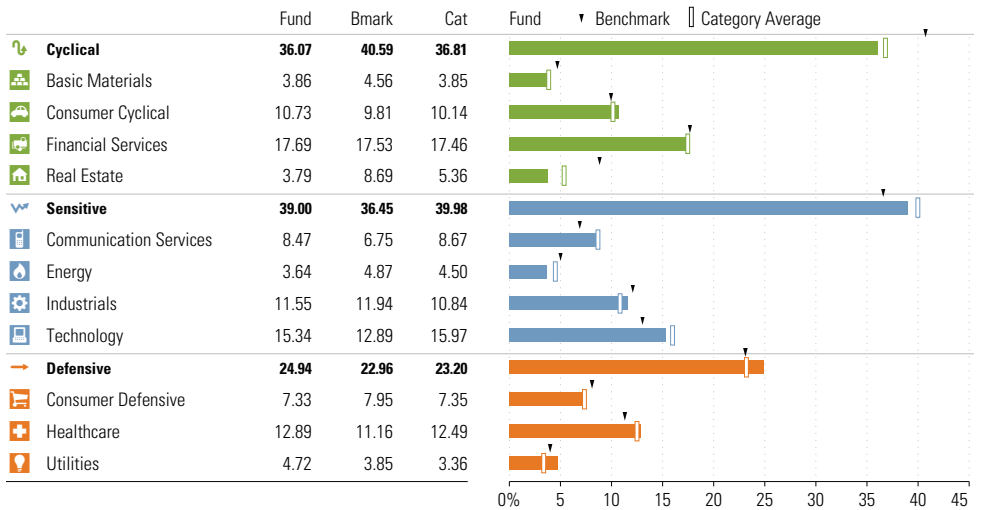


## Asset Allocation as of 12-31-2019



Asset Class	Net %	Cat%
US Stocks	55.83	45.48
Non-US Stocks	32.85	25.35
Bonds	8.92	2.90
Cash	2.15	1.51
Other	0.25	24.76
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2019



## Top 10 Holdings as of 12-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	—	19.88	19.88	—	—
⊕ T. Rowe Price Value I	—	18.62	38.50	—	—
⊕ T. Rowe Price Overseas Stock I	—	7.89	46.39	—	—
⊕ T. Rowe Price International Stock I	—	7.54	53.93	—	—
⊕ T. Rowe Price International Value Eq I	—	7.51	61.44	—	—
⊕ T. Rowe Price Equity Index 500 I	—	6.93	68.37	—	—
⊕ T. Rowe Price Emerging Markets Stock I	—	5.03	73.39	—	—
⊕ T. Rowe Price New Income I	—	4.13	77.53	—	—
⊕ T. Rowe Price Mid-Cap Growth I	—	3.99	81.52	—	—
⊕ T. Rowe Price Mid-Cap Value I	—	3.81	85.33	—	—

## Total Holdings 21

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement I 2050 I TRPMX

**Morningstar Category**  
Target-Date 2050

**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

## Portfolio Manager(s)

Jerome Clark since 09-2015  
Wyatt Lee since 09-2015  
Kim DeDominicis since 10-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2050 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.26 years.

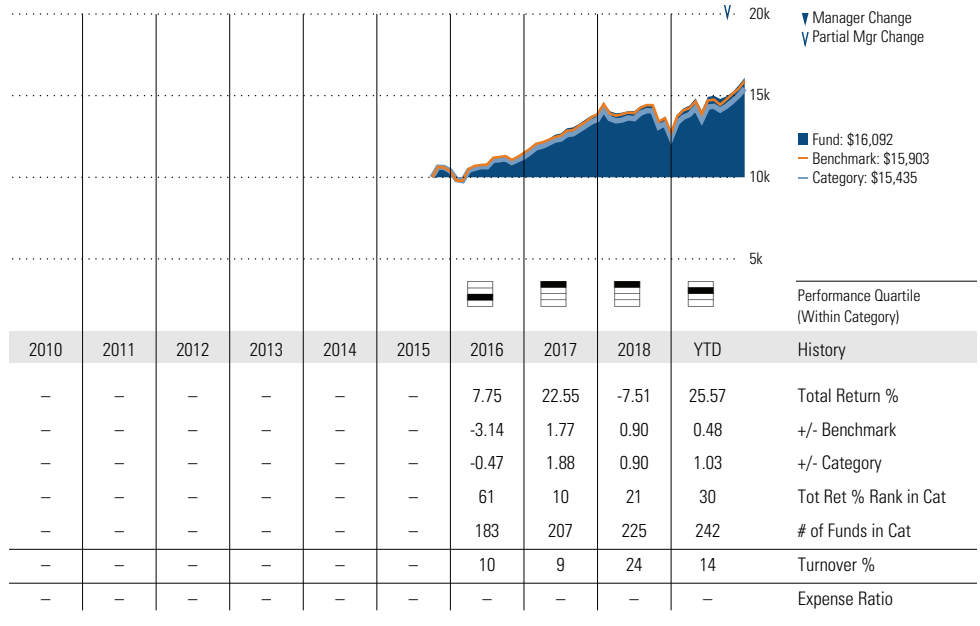
✔ **Style:** The fund has landed in its primary style box — Large Growth — 72.73 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.59 is 26.25% lower than the Target-Date 2050 category average.

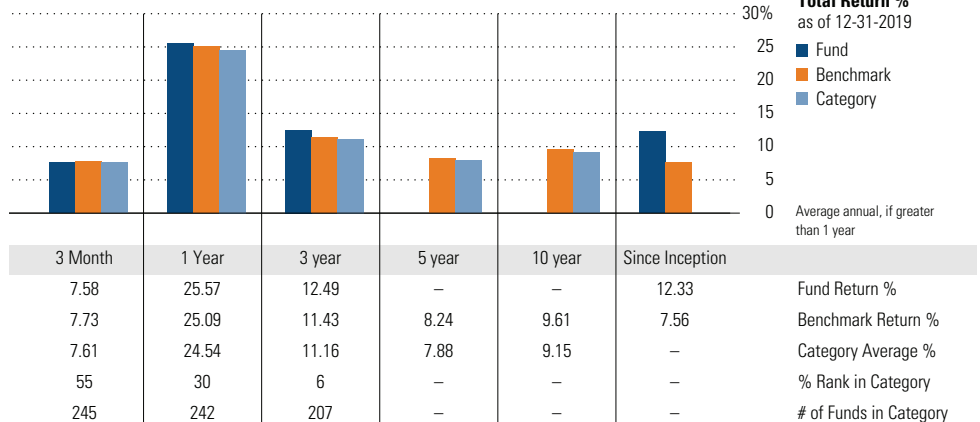
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

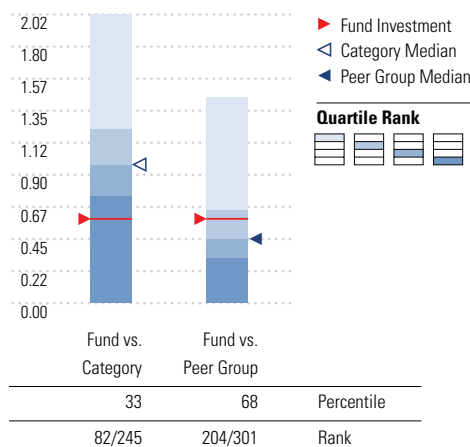
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.25	-	-0.09
Beta	0.97	-	0.97
R-Squared	97.78	-	96.89
Standard Deviation	10.24	10.42	10.26
Sharpe Ratio	1.04	0.93	0.90
Tracking Error	1.55	-	1.51
Information Ratio	0.68	-	-0.25
Up Capture Ratio	100.98	-	96.94
Down Capture Ratio	91.83	-	97.82

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.28	18.03
Price/Book Ratio	-	2.02	2.21
Avg Eff Duration	6.78	-	5.96

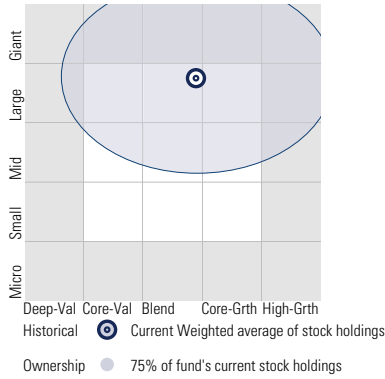
# T. Rowe Price Retirement I 2050 I TRPMX

**Morningstar Category**  
Target-Date 2050

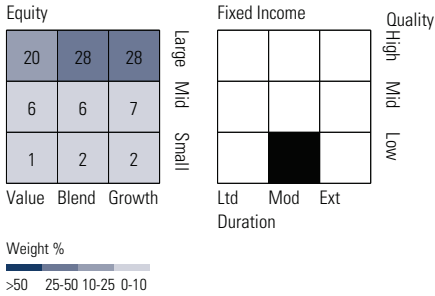
**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

## Style Analysis as of 12-31-2019

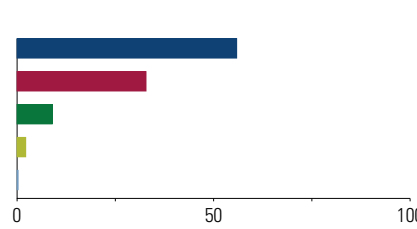
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 12-31-2019



Asset Class	Net %	Cat%
US Stocks	55.86	46.52
Non-US Stocks	32.79	27.09
Bonds	8.92	2.00
Cash	2.18	1.45
Other	0.25	22.94
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2019

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>36.06</b>	<b>40.70</b>	<b>37.03</b>			
Basic Materials	3.85	4.69	4.01			
Consumer Cyclical	10.74	9.84	10.18			
Financial Services	17.68	17.51	17.39			
Real Estate	3.79	8.66	5.45			
<b>Sensitive</b>	<b>39.02</b>	<b>36.66</b>	<b>39.88</b>			
Communication Services	8.49	6.72	8.57			
Energy	3.63	5.07	4.55			
Industrials	11.55	11.77	11.07			
Technology	15.35	13.10	15.69			
<b>Defensive</b>	<b>24.92</b>	<b>22.62</b>	<b>23.08</b>			
Consumer Defensive	7.32	7.73	7.32			
Healthcare	12.88	11.20	12.34			
Utilities	4.72	3.69	3.42			

## Top 10 Holdings as of 12-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	-	19.90	19.90	-	-
⊕ T. Rowe Price Value I	-	18.63	38.53	-	-
⊕ T. Rowe Price Overseas Stock I	-	7.88	46.41	-	-
⊕ T. Rowe Price International Stock I	-	7.57	53.98	-	-
⊕ T. Rowe Price International Value Eq I	-	7.46	61.44	-	-
⊕ T. Rowe Price Equity Index 500 I	-	6.96	68.40	-	-
⊕ T. Rowe Price Emerging Markets Stock I	-	4.99	73.40	-	-
⊕ T. Rowe Price New Income I	-	4.15	77.54	-	-
⊕ T. Rowe Price Mid-Cap Growth I	-	3.99	81.54	-	-
⊕ T. Rowe Price Mid-Cap Value I	-	3.77	85.31	-	-

## Total Holdings 21

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement I 2055 I TRPNX

**Morningstar Category**  
Target-Date 2055

**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR USD

## Portfolio Manager(s)

Jerome Clark since 09-2015  
Wyatt Lee since 09-2015  
Kim DeDominicis since 10-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2055 category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.26 years.

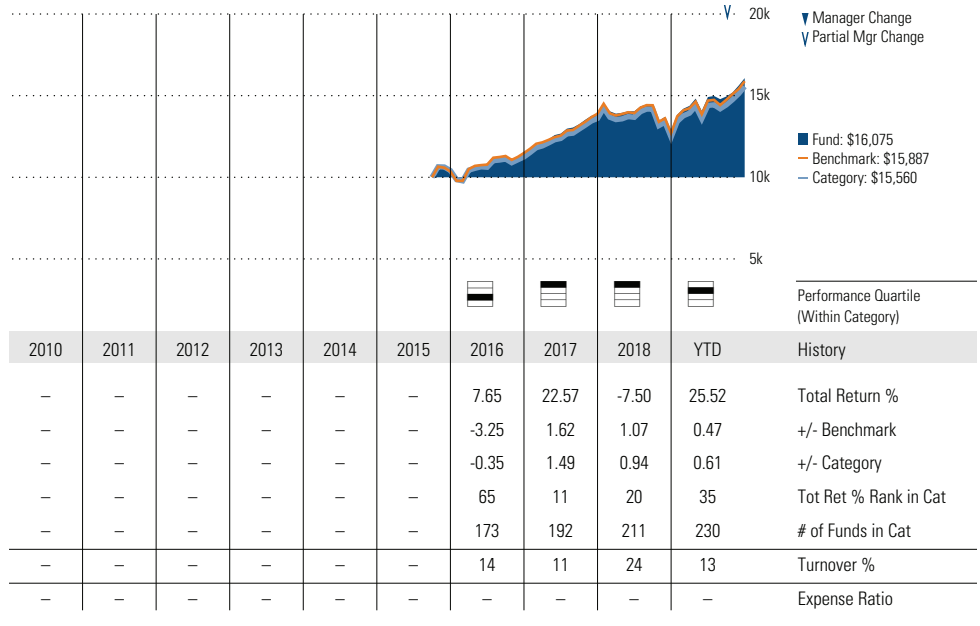
✔ **Style:** The fund has landed in its primary style box — Large Growth — 72.73 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.59 is 23.38% lower than the Target-Date 2055 category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

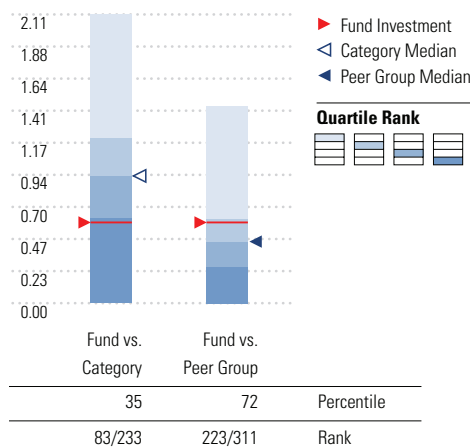
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.30	-	-0.04
Beta	0.97	-	0.99
R-Squared	97.65	-	98.53
Standard Deviation	10.25	10.45	10.46
Sharpe Ratio	1.03	0.92	0.91
Tracking Error	1.60	-	1.30
Information Ratio	0.67	-	-0.14
Up Capture Ratio	101.09	-	99.24
Down Capture Ratio	91.95	-	99.74

## Portfolio Metrics

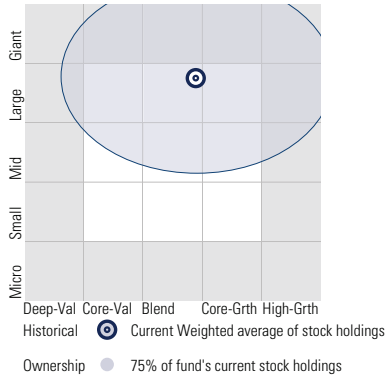
	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.19	17.92
Price/Book Ratio	-	2.00	2.19
Avg Eff Duration	6.78	-	5.95

# T. Rowe Price Retirement I 2055 I TRPNX

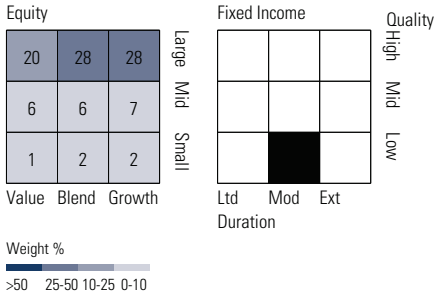
**Morningstar Category**  
Target-Date 2055

**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR USD

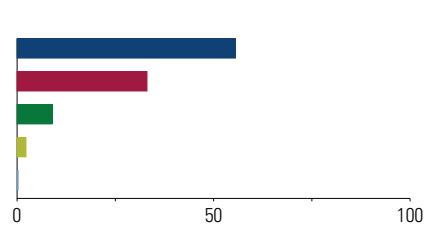
**Style Analysis** as of 12-31-2019  
Morningstar Style Box™



**Style Breakdown**

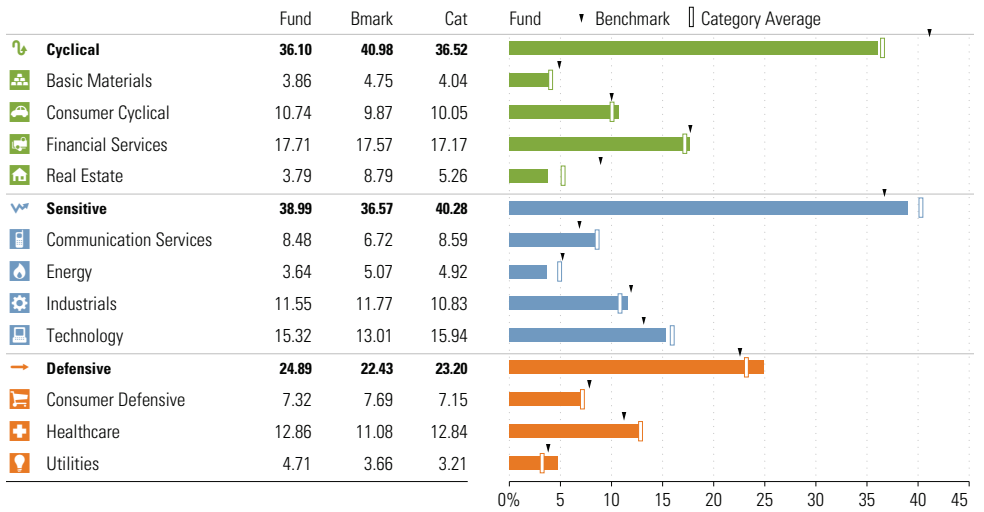


**Asset Allocation** as of 12-31-2019



Asset Class	Net %	Cat%
US Stocks	55.54	50.49
Non-US Stocks	33.04	29.63
Bonds	8.92	3.70
Cash	2.25	2.09
Other	0.25	14.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 12-31-2019



**Top 10 Holdings** as of 12-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	-	19.84	19.84	-	-
⊕ T. Rowe Price Value I	-	18.54	38.38	-	-
⊕ T. Rowe Price Overseas Stock I	-	8.04	46.41	-	-
⊕ T. Rowe Price International Value Eq I	-	7.56	53.98	-	-
⊕ T. Rowe Price International Stock I	-	7.53	61.51	-	-
⊕ T. Rowe Price Equity Index 500 I	-	6.83	68.35	-	-
⊕ T. Rowe Price Emerging Markets Stock I	-	5.07	73.41	-	-
⊕ T. Rowe Price New Income I	-	4.13	77.54	-	-
⊕ T. Rowe Price Mid-Cap Growth I	-	3.98	81.52	-	-
⊕ T. Rowe Price Mid-Cap Value I	-	3.74	85.26	-	-

**Total Holdings 21**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# T. Rowe Price Retirement I 2060 I TRPLX

**Morningstar Category**  
Target-Date 2060+

**Morningstar Index**  
Morningstar Lifetime Mod 2060 TR USD

## Portfolio Manager(s)

Jerome Clark since 09-2015  
Wyatt Lee since 09-2015  
Kim DeDominicis since 10-2019

## Quantitative Screens

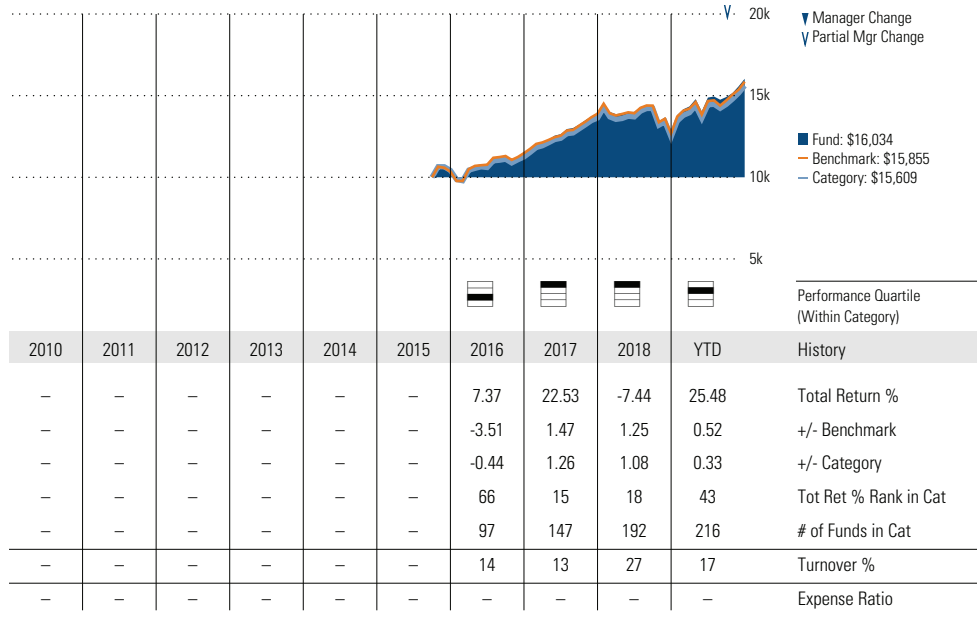
✔ **Performance:** The fund has finished in the Target-Date 2060+ category's top three quartiles in 4 of the 4 years it's been in existence.

✔ **Management:** The fund's management has been in place for 4.26 years.

✔ **Style:** The fund has landed in its primary style box — Large Growth — 72.73 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.59 is 24.36% lower than the Target-Date 2060+ category average.

## Growth of \$10,000



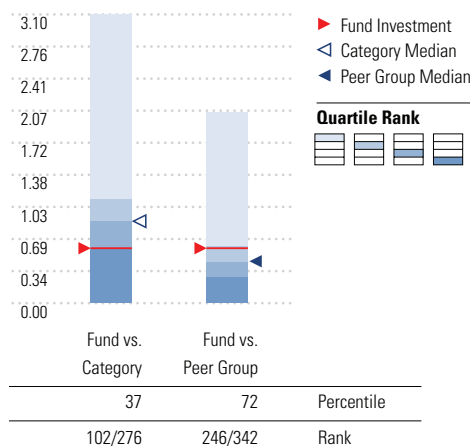
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.34	-	0.08
Beta	0.97	-	1.00
R-Squared	97.70	-	98.42
Standard Deviation	10.24	10.45	10.53
Sharpe Ratio	1.03	0.92	0.92
Tracking Error	1.59	-	1.36
Information Ratio	0.70	-	0.01
Up Capture Ratio	101.11	-	100.30
Down Capture Ratio	91.53	-	99.99

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	-	17.12	-
Price/Book Ratio	-	1.99	-
Avg Eff Duration	6.77	-	5.81

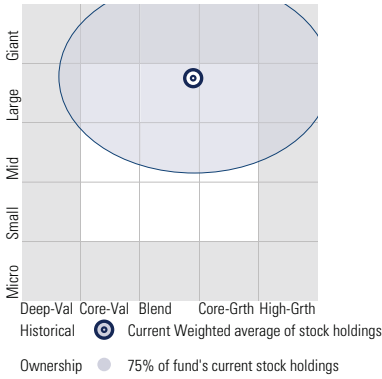
# T. Rowe Price Retirement I 2060 I TRPLX

**Morningstar Category**  
Target-Date 2060+

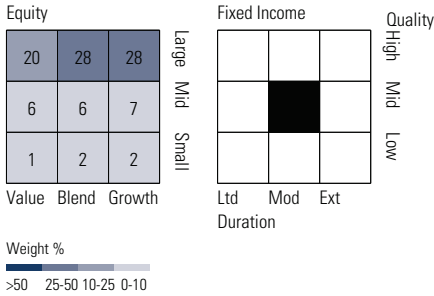
**Morningstar Index**  
Morningstar Lifetime Mod 2060 TR USD

## Style Analysis as of 12-31-2019

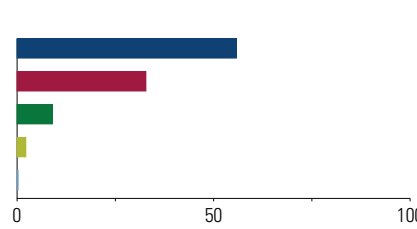
Morningstar Style Box™



## Style Breakdown

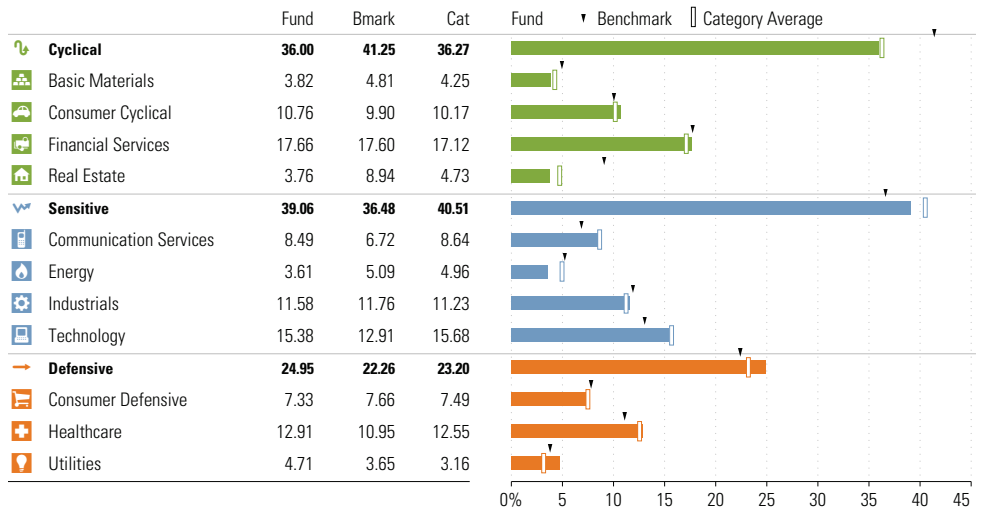


## Asset Allocation as of 12-31-2019



Asset Class	Net %	Cat%
US Stocks	55.79	46.50
Non-US Stocks	32.76	29.14
Bonds	9.00	4.64
Cash	2.21	1.90
Other	0.25	17.81
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2019



## Top 10 Holdings as of 12-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock I	-	19.83	19.83	-	-
⊕ T. Rowe Price Value I	-	18.59	38.43	-	-
⊕ T. Rowe Price Overseas Stock I	-	8.04	46.46	-	-
⊕ T. Rowe Price International Stock I	-	7.67	54.13	-	-
⊕ T. Rowe Price International Value Eq I	-	7.29	61.43	-	-
⊕ T. Rowe Price Equity Index 500 I	-	6.97	68.40	-	-
⊕ T. Rowe Price Emerging Markets Stock I	-	4.92	73.32	-	-
⊕ T. Rowe Price New Income I	-	4.19	77.51	-	-
⊕ T. Rowe Price Mid-Cap Growth I	-	4.07	81.57	-	-
⊕ T. Rowe Price Mid-Cap Value I	-	3.66	85.24	-	-

## Total Holdings 21

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

**Morningstar Index**  
S&P 500 TR USD

## Portfolio Manager(s)

Donald Butler since 04-2016

Michelle Louie since 11-2017

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 3.68 years.

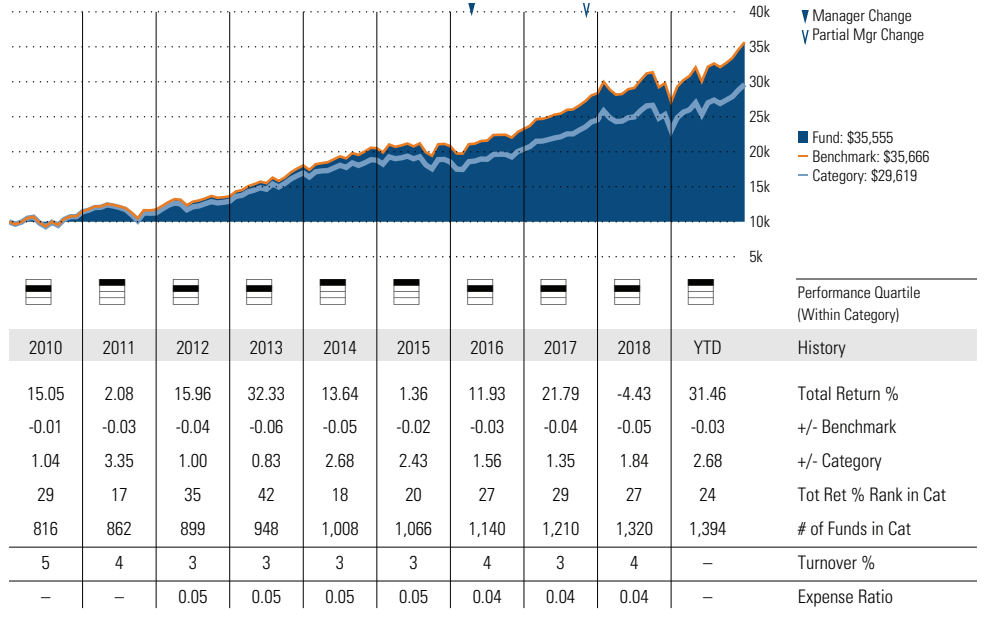
✔ **Style:** The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.04 is 95.51% lower than the Large Blend category average.

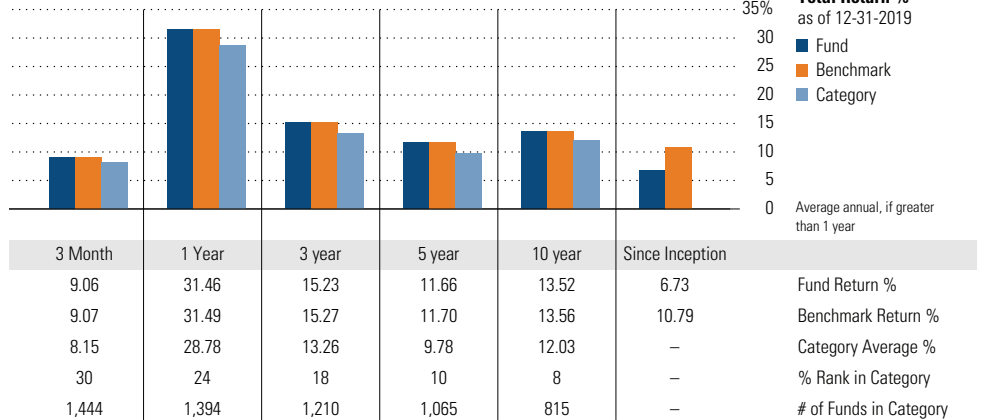
## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

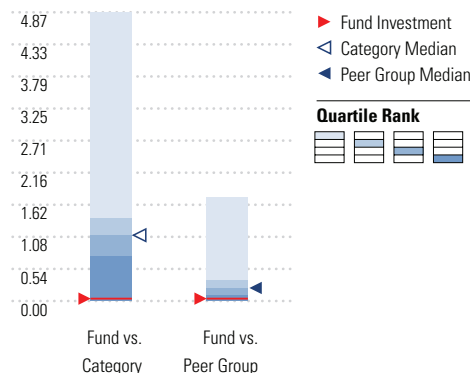
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.04	-	-1.42
Beta	1.00	-	0.95
R-Squared	100.00	-	94.36
Standard Deviation	12.10	12.10	11.87
Sharpe Ratio	1.10	1.10	0.96
Tracking Error	0.01	-	2.89
Information Ratio	-4.27	-	-1.41
Up Capture Ratio	99.87	-	90.48
Down Capture Ratio	100.05	-	97.68

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.64	18.71	17.87
Price/Book Ratio	2.69	2.74	2.65
Geom Avg Mkt Cap \$B	71.43	73.09	97.84
ROE	21.19	21.80	22.01

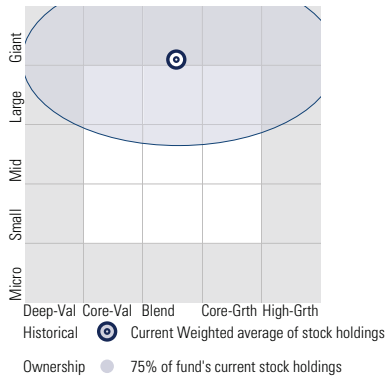
# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

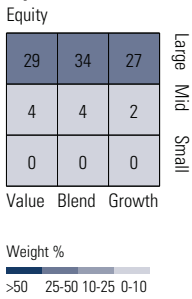
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 12-31-2019

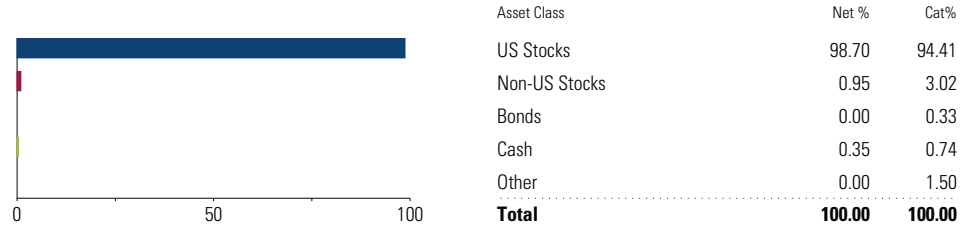
Morningstar Style Box™



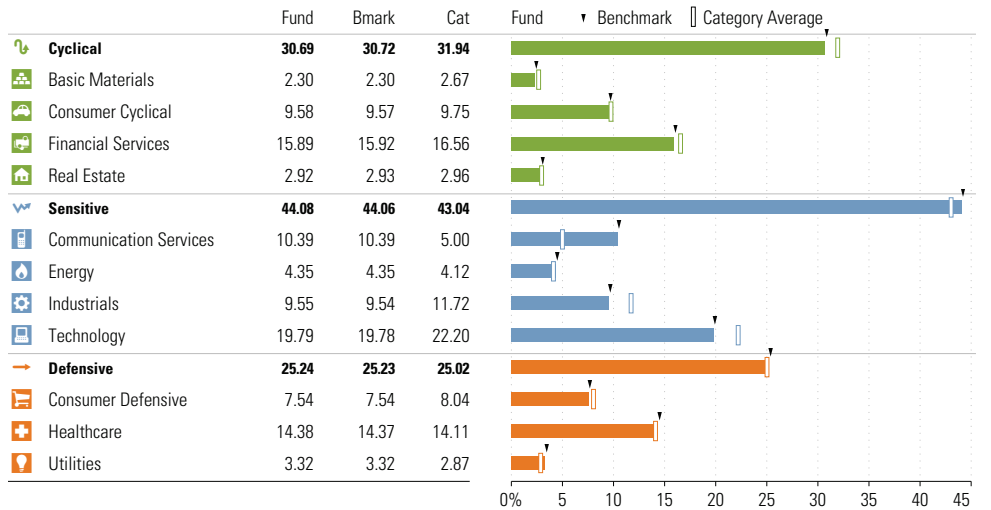
## Style Breakdown



## Asset Allocation as of 12-31-2019



## Sector Weighting as of 12-31-2019



## Top 15 Holdings as of 12-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	4.55	4.55	88.09	Technology
Microsoft Corp	4.47	9.02	57.12	Technology
Amazon.com Inc	2.86	11.88	23.03	Consumer Cyclical
Facebook Inc A	1.83	13.71	56.57	Communication Svc
JPMorgan Chase & Co	1.61	15.32	46.18	Financial Services
Berkshire Hathaway Inc B	1.60	16.92	10.93	Financial Services
Alphabet Inc Class C	1.49	18.41	29.10	Communication Svc
Alphabet Inc A	1.48	19.89	28.18	Communication Svc
Johnson & Johnson	1.43	21.32	15.94	Healthcare
Visa Inc Class A	1.19	22.51	43.21	Financial Services
Procter & Gamble Co	1.16	23.67	39.09	Consumer Defensive
Exxon Mobil Corp	1.10	24.76	7.36	Energy
AT&T Inc	1.06	25.82	44.08	Communication Svc
Bank of America Corp	1.06	26.88	45.62	Financial Services
UnitedHealth Group Inc	1.03	27.92	19.67	Healthcare

**Total Holdings 521**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

**Portfolio Manager(s)**

Gemma Wright-Casparius since 08-2011

**Quantitative Screens**

✔ **Performance:** The fund has finished in the Inflation-Protected Bond category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 8.37 years.

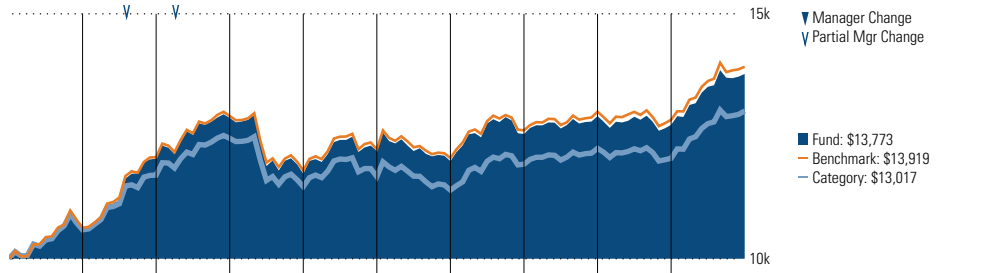
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.1 is 85.71% lower than the Inflation-Protected Bond category average.

**Morningstar Investment Management LLC Analysis**

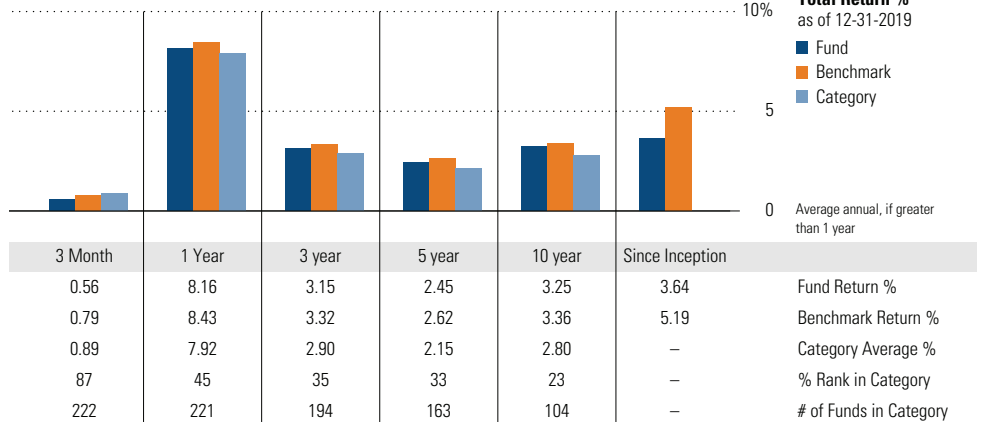
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

**Growth of \$10,000**

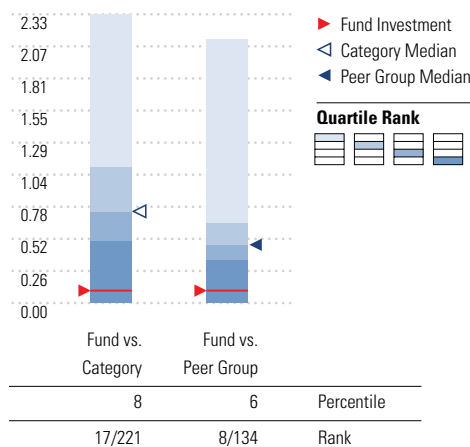


	2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	Performance Quartile (Within Category)
											History
	6.31	13.29	6.90	-8.86	3.97	-1.69	4.62	2.91	-1.39	8.16	Total Return %
	0.00	-0.27	-0.08	-0.25	0.33	-0.25	-0.06	-0.10	-0.13	-0.27	+/- Benchmark
	0.37	2.36	0.45	-1.01	2.17	0.67	0.03	0.19	0.25	0.24	+/- Category
	29	8	23	54	5	32	40	39	47	45	Tot Ret % Rank in Cat
	104	127	136	150	156	163	185	194	209	221	# of Funds in Cat
	29	28	33	44	39	43	27	22	27	-	Turnover %
	-	-	0.10	0.10	0.10	0.10	0.10	0.10	0.10	-	Expense Ratio

**Trailing Performance**



**Net Expense**



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

**3-Year Risk Metrics**

	Fund	Bmark	Cat
Alpha	-0.08	-	0.11
Beta	0.98	-	0.77
R-Squared	98.48	-	80.07
Standard Deviation	2.95	3.00	2.67
Sharpe Ratio	0.49	0.54	0.34
Tracking Error	0.37	-	1.39
Information Ratio	-0.43	-	-0.70
Up Capture Ratio	96.60	-	78.88
Down Capture Ratio	98.32	-	77.28

**Portfolio Metrics**

	Fund	Bmark	Cat
Avg Eff Duration	7.38	4.52	8.03
Avg Eff Maturity	8.30	-	8.71

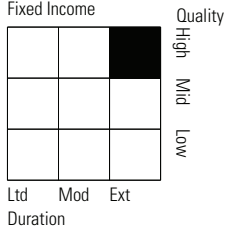
# Vanguard Inflation-Protected Secs Adm VAIPX

**Morningstar Category**  
Inflation-Protected Bond

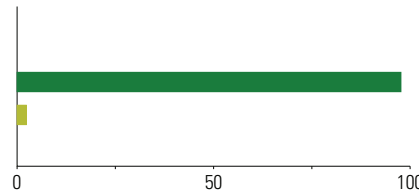
**Morningstar Index**  
BBgBarc US Treasury US TIPS TR USD

**Style Analysis** as of 12-31-2019

**Style Breakdown**



**Asset Allocation** as of 12-31-2019

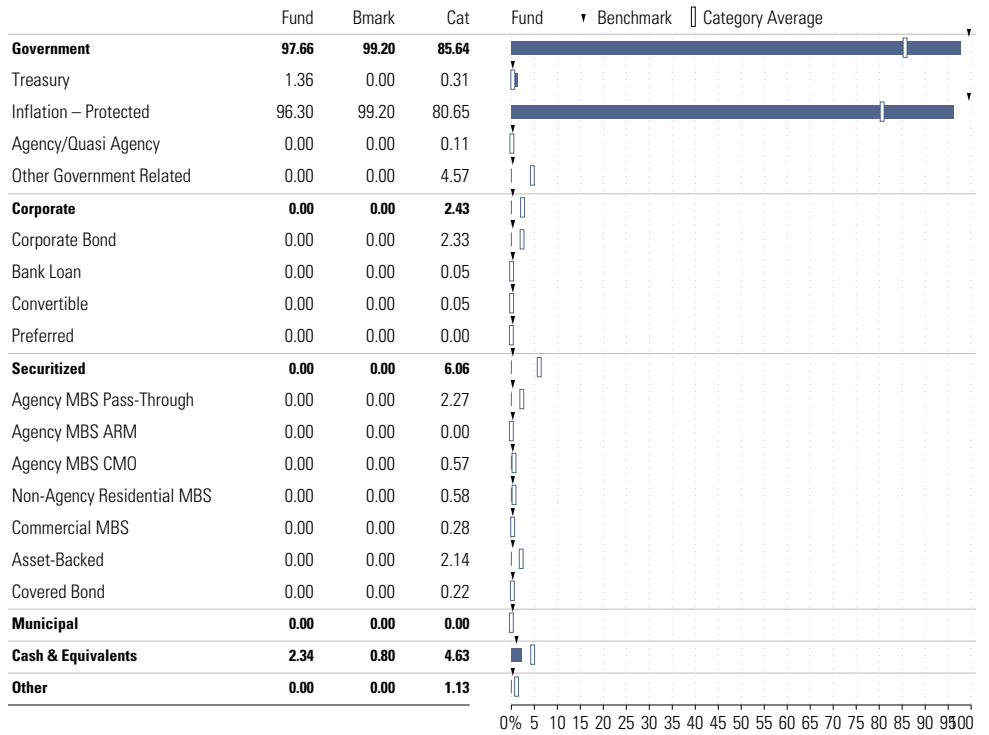


Asset Class	Net %	Cat%
US Stocks	0.00	0.00
Non-US Stocks	0.00	0.01
Bonds	97.66	98.81
Cash	2.34	0.90
Other	0.00	0.28
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	100.00	0.00	88.04
AA	0.00	99.60	3.84
A	0.00	0.00	2.34
BBB	0.00	0.00	3.51
BB	0.00	0.00	0.61
B	0.00	0.00	0.19
Below B	0.00	0.00	0.15
Not Rated	0.00	0.40	1.32

**Sector Weighting** as of 12-31-2019



**Top 10 Holdings** as of 12-31-2019

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Notes 0.62%	04-2023	3.62	3.62	–
United States Treasury Notes 0.12%	04-2022	3.56	7.18	–
United States Treasury Notes 0.38%	07-2023	3.53	10.71	–
United States Treasury Notes 0.25%	01-2025	3.52	14.23	–
United States Treasury Notes 0.62%	01-2024	3.52	17.75	–
United States Treasury Notes 0.12%	01-2023	3.49	21.24	–
United States Treasury Notes 0.12%	07-2024	3.44	24.67	–
United States Treasury Notes 0.12%	01-2022	3.37	28.04	–
United States Treasury Notes 0.38%	07-2025	3.33	31.38	–
United States Treasury Notes 0.12%	07-2022	3.19	34.57	–

**Total Holdings** 47

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Mid Cap Index Admiral VIMAX

**Morningstar Category**  
Mid-Cap Blend

**Morningstar Index**  
Russell Mid Cap TR USD

## Portfolio Manager(s)

Donald Butler since 05-1998  
Michael Johnson since 04-2016

## Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap Blend category's top three quartiles in 10 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 21.63 years.

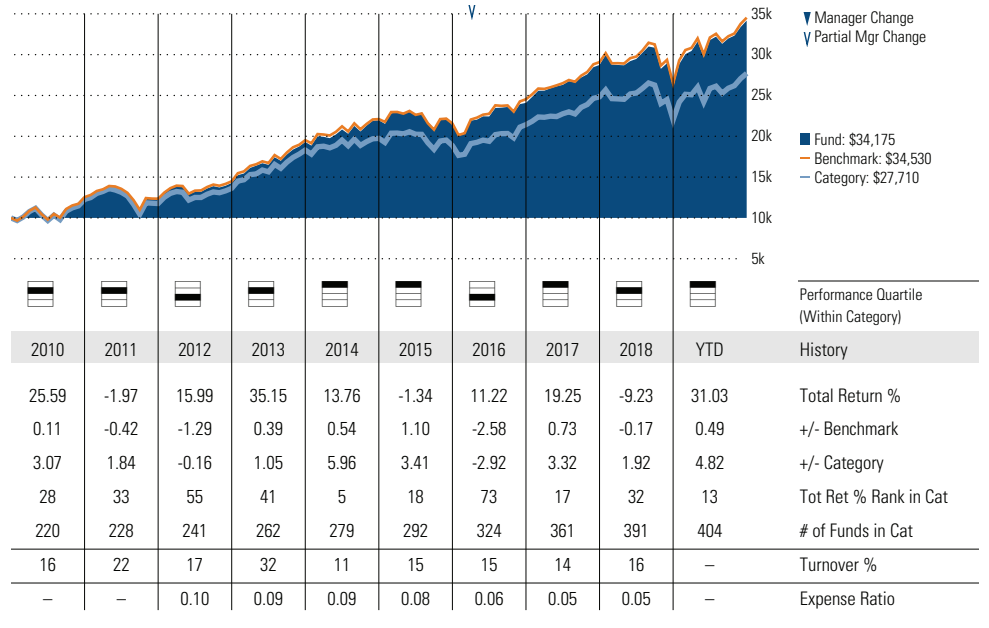
✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 94.29 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.05 is 95% lower than the Mid-Cap Blend category average.

## Morningstar Investment Management LLC Analysis

This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

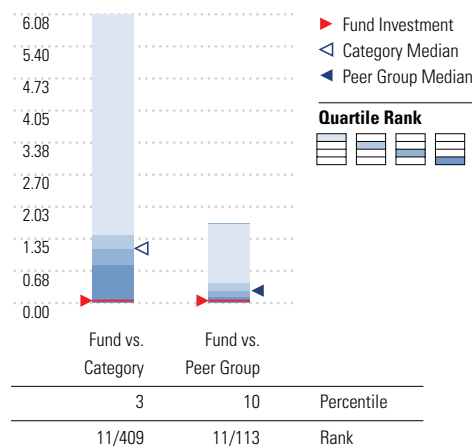
## Growth of \$10,000



## Trailing Performance



## Net Expense



Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

## 3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	0.37	-	-3.00
Beta	0.99	-	1.03
R-Squared	99.45	-	92.24
Standard Deviation	13.00	13.08	13.97
Sharpe Ratio	0.83	0.81	0.57
Tracking Error	0.97	-	3.93
Information Ratio	0.31	-	-0.89
Up Capture Ratio	100.00	-	92.54
Down Capture Ratio	97.70	-	109.49

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.74	21.36	19.51
Price/Book Ratio	2.64	2.65	2.36
Geom Avg Mkt Cap \$B	10.75	10.69	8.27
ROE	16.95	16.39	15.17

# Vanguard Mid Cap Index Admiral VIMAX

Morningstar Category

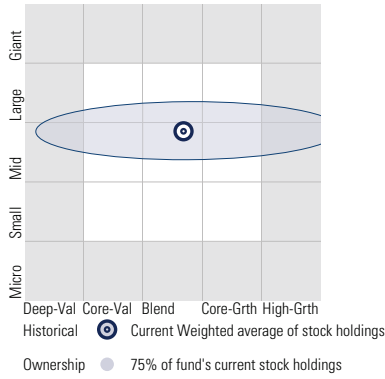
Mid-Cap Blend

Morningstar Index

Russell Mid Cap TR USD

## Style Analysis as of 12-31-2019

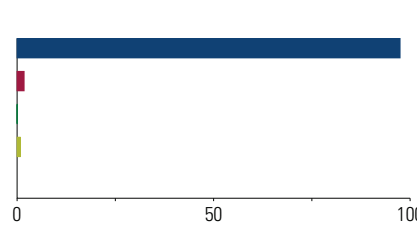
Morningstar Style Box™



## Style Breakdown

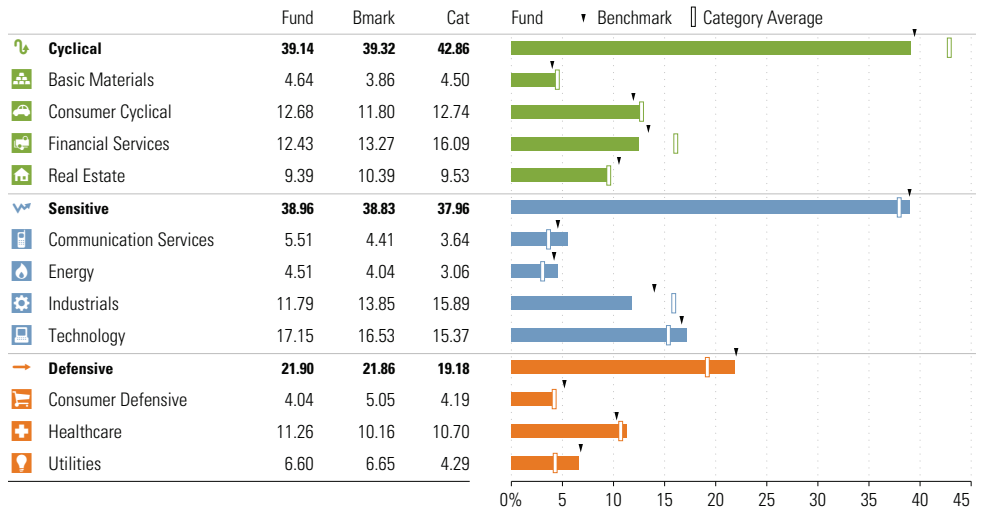


## Asset Allocation as of 12-31-2019



Asset Class	Net %	Cat%
US Stocks	97.44	95.22
Non-US Stocks	1.78	2.15
Bonds	0.01	0.12
Cash	0.77	2.11
Other	0.00	0.40
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 12-31-2019



## Top 15 Holdings as of 12-31-2019

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Newmont Corp	0.80	0.80	29.55	Basic Materials
⊖ Amphenol Corp Class A	0.72	1.52	34.77	Technology
⊕ ONEOK Inc	0.70	2.22	46.80	Energy
⊕ WEC Energy Group Inc	0.65	2.87	36.57	Utilities
⊕ IHS Markit Ltd	0.64	3.52	57.08	Industrials
⊕ TransDigm Group Inc	0.64	4.16	83.06	Industrials
⊖ KLA Corp	0.63	4.79	102.56	Technology
⊕ Motorola Solutions Inc	0.62	5.41	42.12	Technology
⊕ Eversource Energy	0.62	6.02	34.09	Utilities
⊖ SBA Communications Corp	0.61	6.63	49.32	Real Estate
⊕ Lululemon Athletica Inc	0.61	7.24	90.50	Consumer Cyclical
⊕ FirstEnergy Corp	0.59	7.83	33.48	Utilities
⊖ Willis Towers Watson PLC	0.58	8.41	34.69	Financial Services
⊖ Advanced Micro Devices Inc	0.57	8.99	148.43	Technology
⊖ IQVIA Holdings Inc	0.57	9.56	33.00	Healthcare

**Total Holdings 358**

⊕ Increase ⊖ Decrease ✨ New to Portfolio