

# 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  
 Paul Flynn since 09-2017  
 Michael Cohen since 07-2018  
 Lisa Thompson since 09-2018

## 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 14.5 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 0.54 is 39.33% lower than the Foreign Large Blend category average.

## Growth of \$10,000



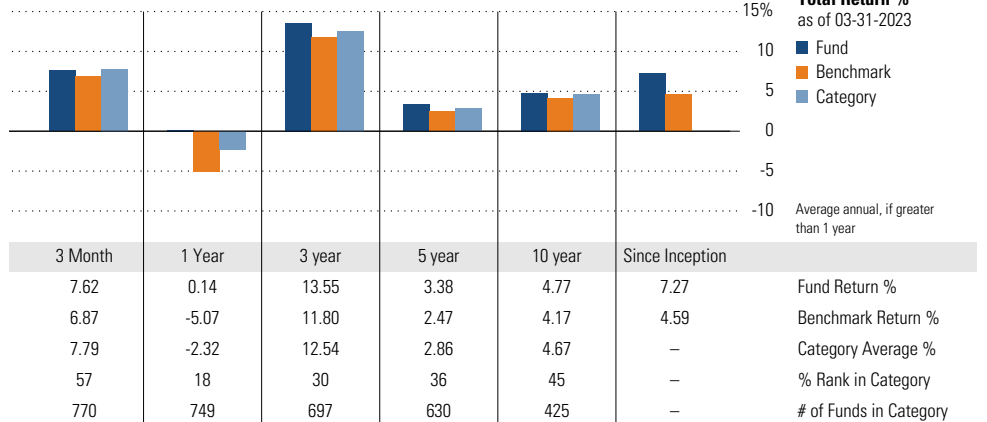
## Morningstar Investment Management LLC Analysis

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.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

## 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	1.08	-	0.60
Beta	1.05	-	1.03
R-Squared	95.93	-	93.21
Standard Deviation	18.69	17.35	18.58
Sharpe Ratio	0.71	0.66	0.68
Tracking Error	3.89	-	4.87
Information Ratio	0.45	-	0.22
Up Capture Ratio	107.83	-	106.57
Down Capture Ratio	103.71	-	105.88

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	13.72	12.70	13.48
Price/Book Ratio	1.80	1.66	1.77
Geom Avg Mkt Cap \$B	50.53	41.43	52.17
ROE	20.22	17.72	19.32

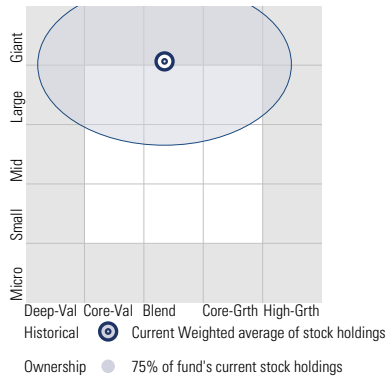
# American Funds Intl Gr and Inc R6 RIGGX

**Morningstar Category**  
Foreign Large Blend

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

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

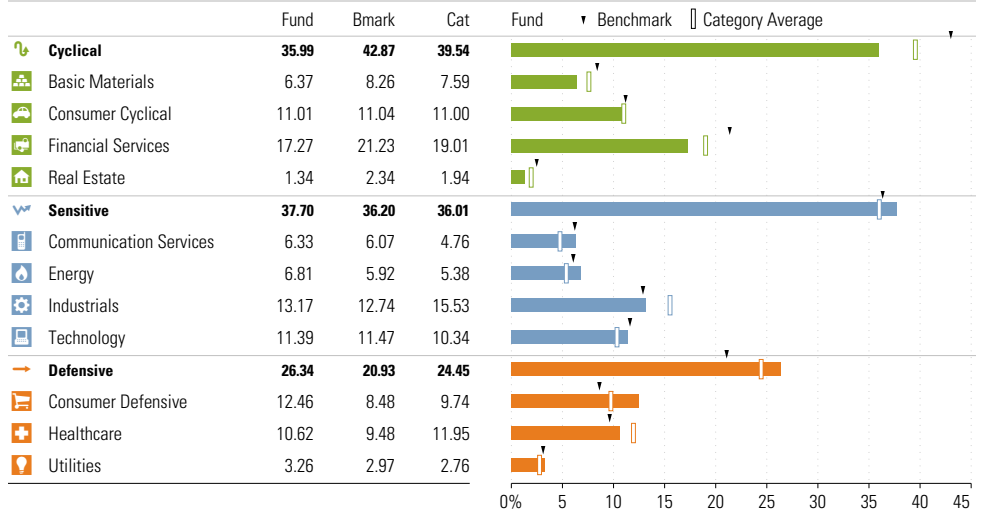


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	4.99	3.05
Non-US Stocks	89.89	94.40
Bonds	0.09	0.28
Cash	5.03	1.03
Other	0.00	1.23
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## World Regions % Equity 03-31-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	28.93	35.05	Americas	13.91	8.50	Greater Europe	57.16	56.45	Developed Markets	85.94
Japan	7.56	17.81	North America	9.73	7.32	United Kingdom	13.15	13.67	Emerging Markets	14.06
Australasia	0.51	5.25	Central/Latin	4.18	1.18	W euro-ex UK	42.63	41.68	Not Available	0.00
Asia-4 Tigers	11.69	6.73				Emrgng Europe	0.36	0.08		
Asia-ex 4 Tigers	9.17	5.26				Africa	1.02	1.02		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash M	4.91	4.91	-	-
⊖ AstraZeneca PLC	3.12	8.02	1.58	Healthcare
⊖ Taiwan Semiconductor Manufacturing Co Ltd	2.57	10.59	19.45	Technology
⊕ Novo Nordisk A/S Class B	2.50	13.09	16.63	Healthcare
ASML Holding NV	2.29	15.37	24.37	Technology
⊕ Philip Morris International Inc	2.24	17.61	-2.66	Consumer Defensive
Airbus SE	2.10	19.71	11.04	Industrials
⊕ TotalEnergies SE	1.69	21.41	-4.96	Energy
⊖ British American Tobacco PLC	1.61	23.01	-11.68	Consumer Defensive
⊖ LVMH Moët Hennessy Louis Vuitton SE	1.58	24.60	24.19	Consumer Cyclical

**Total Holdings 258**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Portfolio Manager(s)

Robert Lovelace since 06-1999  
 Carl Kawaja since 06-1999  
 Christopher Thomsen since 01-2009  
 Winnie Kwan since 01-2009  
 Tomonori Tani since 10-2013  
 Jonathan Knowles since 01-2016  
 Akira Shiraishi since 01-2017  
 Bradford Freer since 01-2017  
 Lisa Thompson since 10-2019  
 Kirstie Spence since 12-2019  
 Piyada Phanaphat since 01-2020  
 Dawid Justus since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Diversified Emerging Mkts 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 23.8 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.57 is 50.43% lower than the Diversified Emerging Mkts category average.

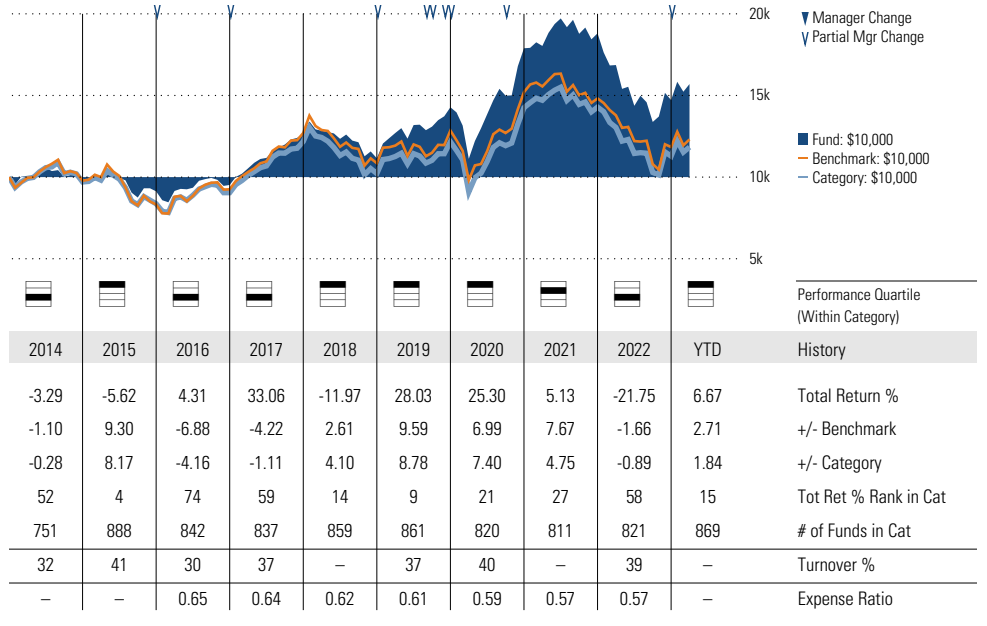
## Morningstar Investment Management LLC Analysis

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.

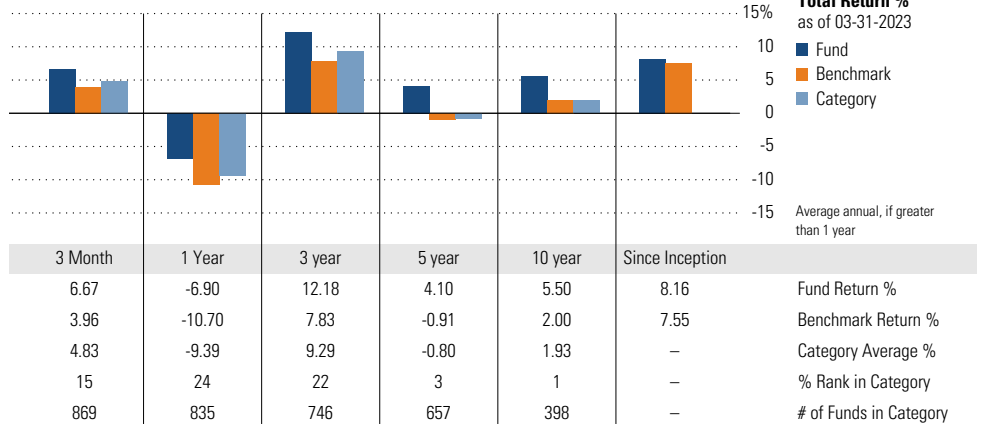
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

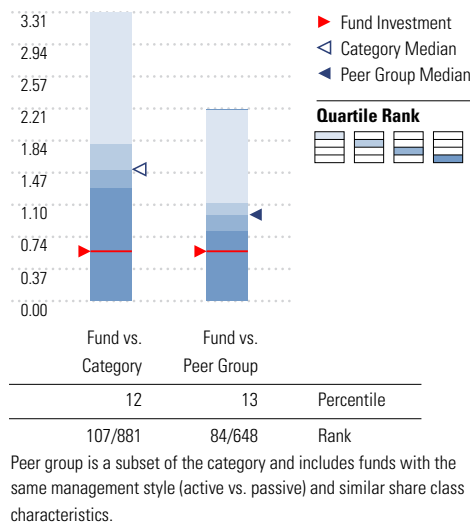
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	5.19	-	1.04
Beta	0.86	-	0.97
R-Squared	78.72	-	87.48
Standard Deviation	18.28	18.85	19.69
Sharpe Ratio	0.66	0.43	0.46
Tracking Error	8.83	-	6.78
Information Ratio	0.49	-	0.08
Up Capture Ratio	101.73	-	102.40
Down Capture Ratio	83.50	-	100.07

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.47	10.77	12.24
Price/Book Ratio	2.91	1.57	1.86
Geom Avg Mkt Cap \$B	55.87	34.04	43.04
ROE	22.78	17.99	18.95

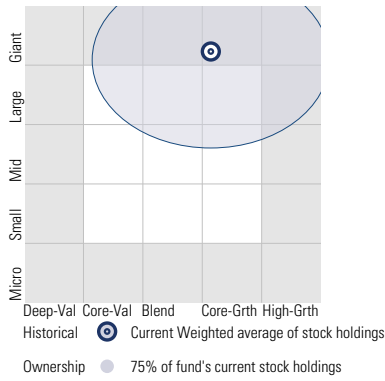
# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

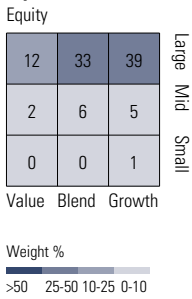
**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Style Breakdown

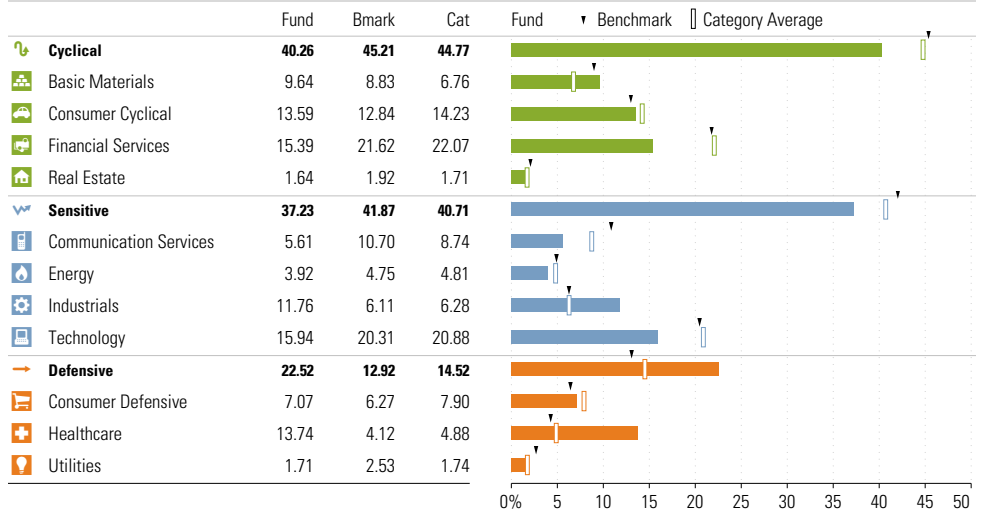


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	22.03	2.90
Non-US Stocks	68.75	95.11
Bonds	3.02	0.01
Cash	5.77	2.14
Other	0.44	-0.17
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## World Regions % Equity 03-31-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	37.82	75.32	Americas	35.40	14.25	Greater Europe	26.77	10.42	Developed Markets	61.75
Japan	2.75	0.09	North America	26.03	2.76	United Kingdom	3.01	0.72	Emerging Markets	38.25
Australasia	0.69	0.03	Central/Latin	9.37	11.49	W euro-ex UK	21.27	1.96	Not Available	0.00
Asia-4 Tigers	7.62	25.78				Emrgng Europe	0.51	1.43		
Asia-ex 4 Tigers	26.76	49.42				Africa	1.98	6.31		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	5.77	5.77	—	—
⊖ Microsoft Corp	2.67	8.44	20.50	Technology
⊕ Novo Nordisk A/S Class B	2.29	10.74	16.63	Healthcare
⊕ Taiwan Semiconductor Manufacturing Co Ltd	2.02	12.75	19.45	Technology
⊕ LVMH Moët Hennessy Louis Vuitton SE	1.68	14.44	24.19	Consumer Cyclical
⊖ Kotak Mahindra Bank Ltd	1.57	16.01	-5.17	Financial Services
Airbus SE	1.49	17.50	11.04	Industrials
⊖ MercadoLibre Inc	1.33	18.83	55.75	Consumer Cyclical
⊖ AIA Group Ltd	1.24	20.07	-4.78	Financial Services
⊕ Sea Ltd ADR	1.17	21.24	66.35	Consumer Cyclical

**Total Holdings 592**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# American Funds Washington Mutual R6 RWMGX

**Morningstar Category**  
Large Blend

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

## Portfolio Manager(s)

Alan Berro since 07-1997  
 Jeffrey Lager since 07-2004  
 Alan Wilson since 07-2013  
 Diana Wagner since 06-2014  
 Jin Lee since 07-2014  
 Eric Stern since 11-2014  
 Irfan Furniturewala since 06-2015  
 Emme Kozloff since 07-2016  
 Mark Casey since 07-2016

## Quantitative Screens

- Performance:** The fund has finished in the Large Blend category's top three quartiles in 8 of the 10 years it's been in existence.
- Management:** The fund's management has been in place for 25.76 years.
- Style:** The fund has landed in its primary style box — Large Blend — 30 % of the time over the past three years.
- Net Expense:** The fund's expense ratio of 0.26 is 65.79% lower than the Large Blend category average.

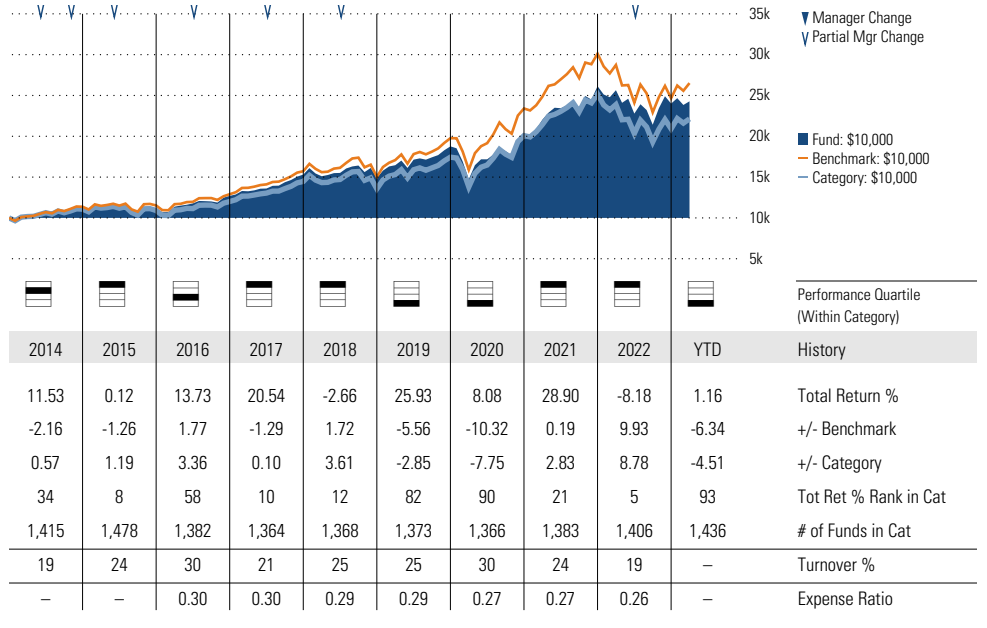
## Morningstar Investment Management LLC Analysis

This fund fails our style consistency screen as the portfolio has slightly drifted from the large-blend portion of the Morningstar style box to the large-value portion however, the underlying investment strategy remains consistent so we are not concerned with this style failure.

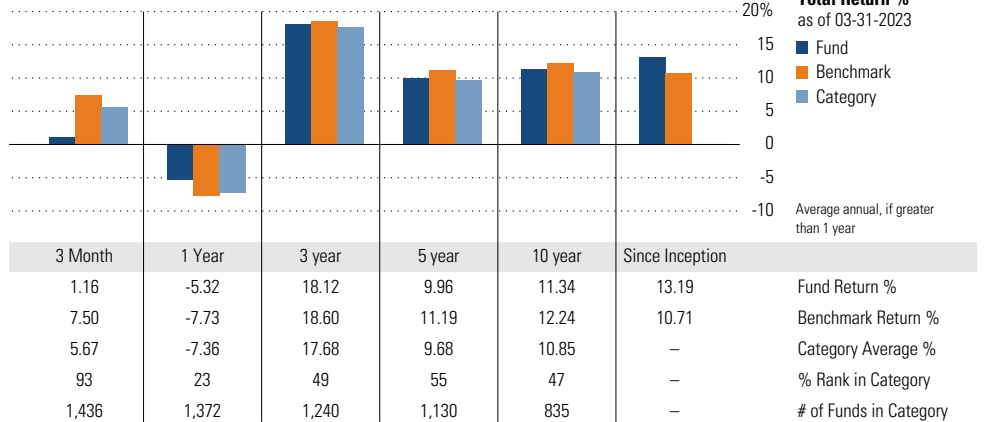
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

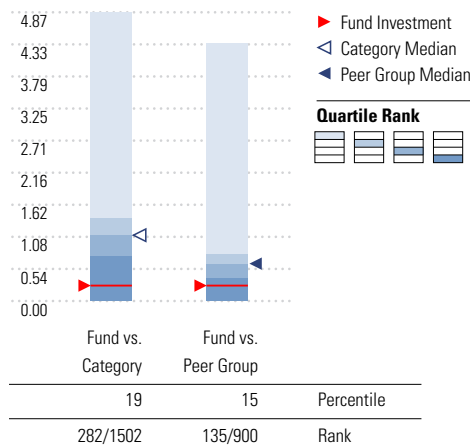
## Growth of \$10,000



## 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	2.31	-	-0.27
Beta	0.83	-	0.94
R-Squared	90.91	-	94.87
Standard Deviation	16.80	19.23	18.62
Sharpe Ratio	1.01	0.92	0.88
Tracking Error	6.00	-	3.97
Information Ratio	-0.08	-	-1.04
Up Capture Ratio	87.76	-	93.75
Down Capture Ratio	80.42	-	94.82

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.99	19.90	18.81
Price/Book Ratio	3.32	3.64	3.46
Geom Avg Mkt Cap \$B	138.45	170.30	224.69
ROE	28.89	29.71	27.68

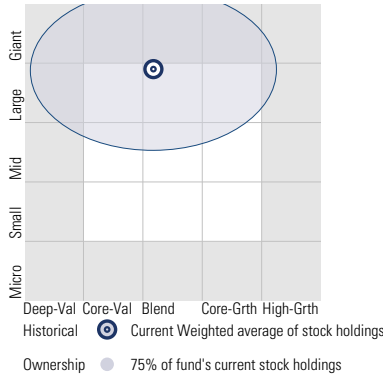
# American Funds Washington Mutual R6 RWMGX

**Morningstar Category**  
Large Blend

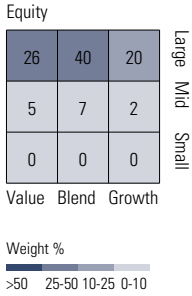
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 03-31-2023

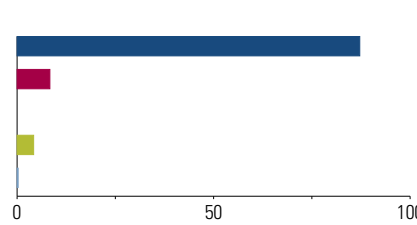
Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	87.19	94.85
Non-US Stocks	8.34	2.91
Bonds	0.00	0.44
Cash	4.21	0.70
Other	0.26	1.09
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>26.87</b>	<b>29.73</b>	<b>29.12</b>			
Basic Materials	2.84	2.51	2.90			
Consumer Cyclical	7.29	10.46	9.75			
Financial Services	14.67	13.98	14.15			
Real Estate	2.07	2.78	2.32			
<b>Sensitive</b>	<b>42.17</b>	<b>45.90</b>	<b>45.39</b>			
Communication Services	5.32	7.67	7.07			
Energy	5.28	4.80	4.31			
Industrials	11.69	8.71	10.48			
Technology	19.88	24.72	23.53			
<b>Defensive</b>	<b>30.98</b>	<b>24.37</b>	<b>25.49</b>			
Consumer Defensive	8.86	7.13	7.41			
Healthcare	19.24	14.42	15.41			
Utilities	2.88	2.82	2.67			

## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Broadcom Inc	5.75	5.75	15.56	Technology
⊕ Microsoft Corp	5.72	11.47	20.50	Technology
⊖ Capital Group Central Cash Fund	4.10	15.57	-	-
⊖ UnitedHealth Group Inc	3.47	19.04	-10.55	Healthcare
⊕ Comcast Corp Class A	2.66	21.70	9.18	Communication Svc
Marsh & McLennan Companies Inc	2.33	24.04	1.00	Financial Services
⊖ Pfizer Inc	2.17	26.21	-19.57	Healthcare
⊖ The Home Depot Inc	1.78	27.99	-5.90	Consumer Cyclical
⊕ Northrop Grumman Corp	1.76	29.75	-15.06	Industrials
⊕ Philip Morris International Inc	1.70	31.45	-2.66	Consumer Defensive
Eli Lilly and Co	1.58	33.03	-5.82	Healthcare
⊕ Apple Inc	1.43	34.47	27.09	Technology
⊖ AbbVie Inc	1.39	35.86	-0.47	Healthcare
⊖ JPMorgan Chase & Co	1.32	37.18	-2.08	Financial Services
⊖ Johnson & Johnson	1.27	38.45	-11.62	Healthcare

**Total Holdings 193**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

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

## Portfolio Manager(s)

- M. Sharon deGuzman since 09-2000
- Mary Ellen Stanek since 09-2000
- Charles Groeschell since 09-2000
- Warren Pierson since 09-2000
- Meghan Dean since 05-2019
- Jay Schwister since 05-2019
- Jeffrey Schrom since 05-2019
- Patrick Brown since 05-2021
- Abhishek Pulakanti since 05-2022
- Andrew O'Connell since 05-2022

## 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 22.52 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.3 is 46.43% lower than the Intermediate Core Bond category average.

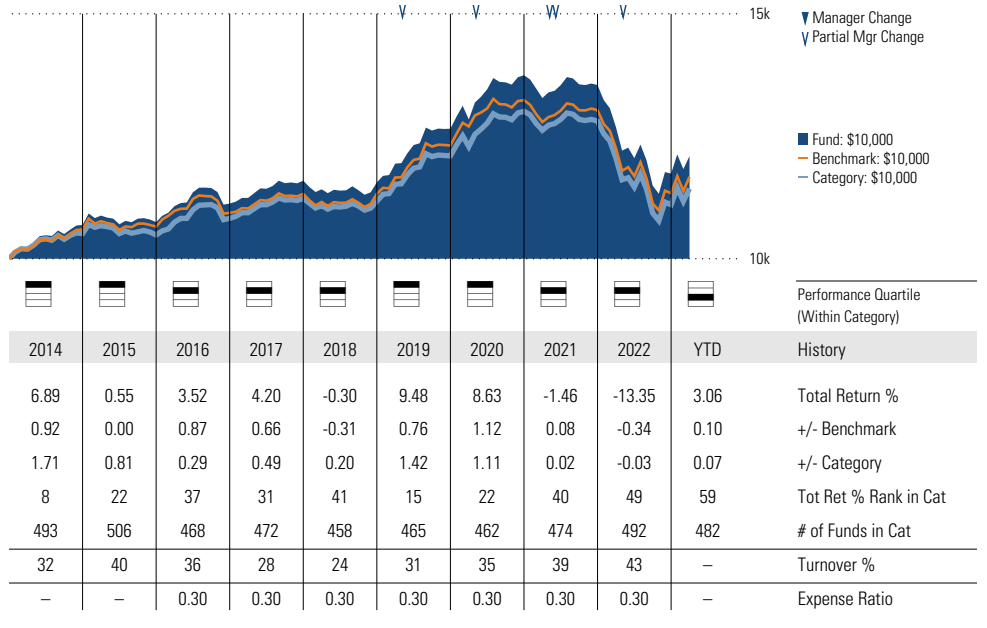
## Morningstar Investment Management LLC Analysis

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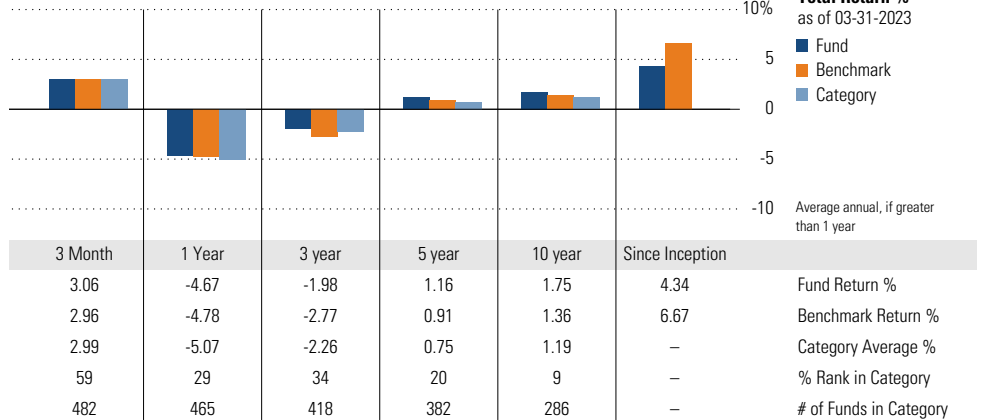
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
ESG Commitment	1-Low	02-15-2022

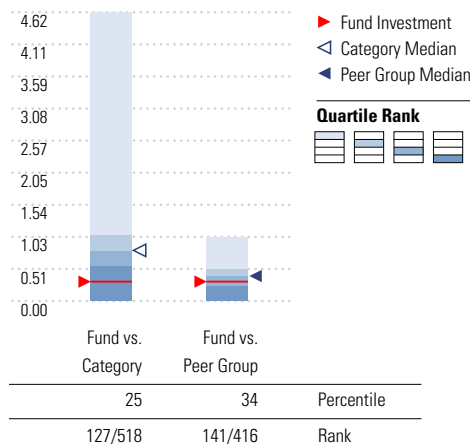
## Growth of \$10,000



## 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	0.92	-	0.59
Beta	1.03	-	0.99
R-Squared	98.67	-	95.95
Standard Deviation	6.54	6.29	6.37
Sharpe Ratio	-0.45	-0.60	-0.50
Tracking Error	0.78	-	1.18
Information Ratio	1.01	-	0.32
Up Capture Ratio	111.68	-	104.43
Down Capture Ratio	99.95	-	96.96

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.33	4.43	6.00
Avg Eff Maturity	8.35	-	8.46

# Baird Aggregate Bond Inst BAGIX

**Morningstar Category**  
Intermediate Core Bond

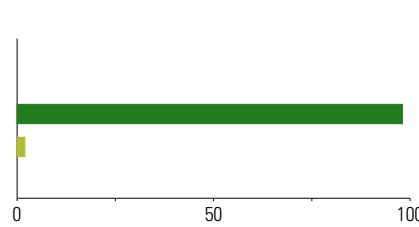
**Morningstar Index**  
Bloomberg US Agg Bond TR USD

**Style Analysis** as of 03-31-2023

**Style Breakdown**



**Asset Allocation** as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	0.00	0.09
Non-US Stocks	0.00	0.02
Bonds	98.04	95.20
Cash	1.97	3.36
Other	0.00	1.32
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	60.30	3.53	50.06
AA	3.80	74.59	11.69
A	12.60	10.82	23.47
BBB	23.10	8.32	13.19
BB	0.20	0.28	0.65
B	0.00	0.00	0.21
Below B	0.00	0.00	0.15
Not Rated	0.00	2.46	0.57

**Sector Weighting** as of 03-31-2023



**Top 10 Holdings** as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Bonds 2.5%	02-2045	3.37	3.37	-
⊖ United States Treasury Bonds 2.88%	05-2043	2.46	5.83	-
⊕ United States Treasury Notes 2.88%	05-2032	2.37	8.20	-
⊕ United States Treasury Notes 1.13%	10-2026	2.37	10.57	-
⊖ United States Treasury Notes 1.13%	08-2028	1.97	12.54	-
United States Treasury Bonds 1.38%	11-2040	1.91	14.44	-
⊕ First American Government Obligs U	02-2030	1.87	16.32	-
⊕ United States Treasury Notes 2.38%	03-2029	1.15	17.47	-
⊕ United States Treasury Notes 1.5%	02-2025	1.14	18.61	-
⊖ United States Treasury Notes 2.88%	06-2025	1.10	19.72	-

**Total Holdings 1654**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# BlackRock Global Allocation Instl MALOX

**Morningstar Category**  
Global Allocation

**Morningstar Index**  
Morningstar Gbl Allocation TR USD

## Portfolio Manager(s)

Russ Koesterich since 01-2017  
David Clayton since 01-2017  
Rick Rieder since 04-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Global Allocation 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 6.25 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 0.84 is 25.66% lower than the Global Allocation category average.

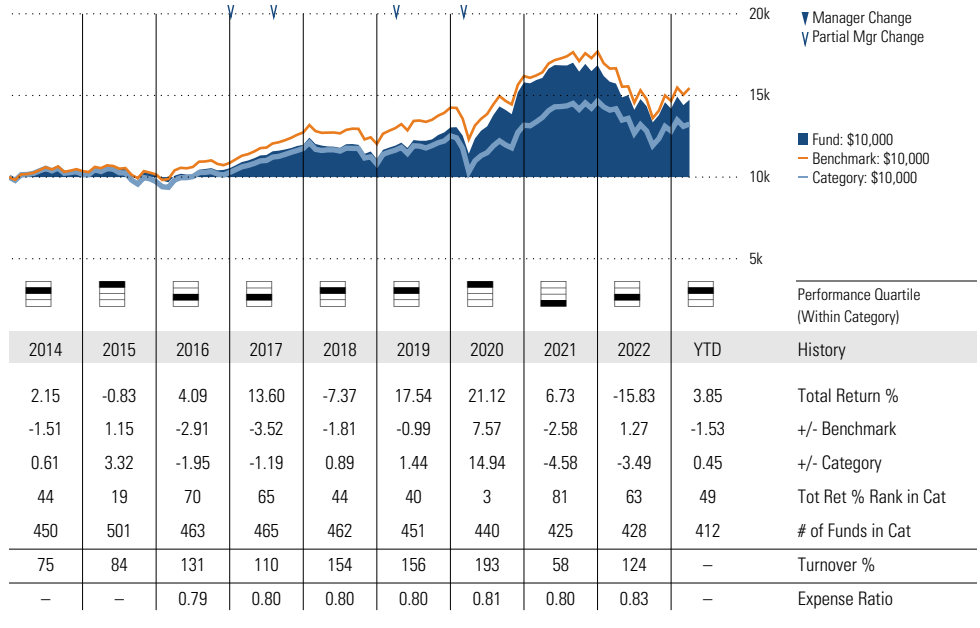
## Morningstar Investment Management LLC Analysis

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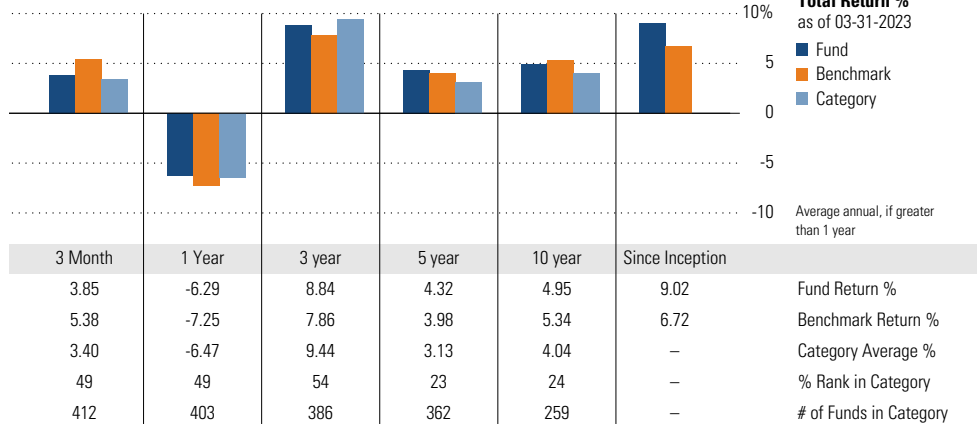
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	09-30-2022

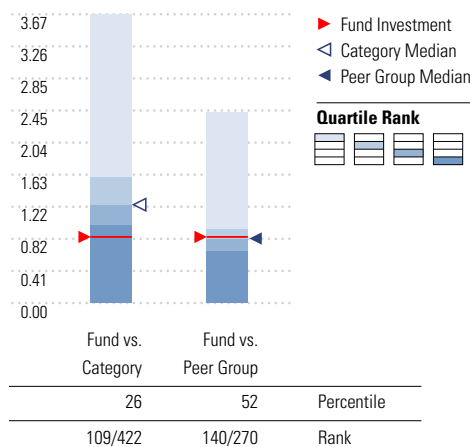
## Growth of \$10,000



## 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	0.96	-	2.08
Beta	1.00	-	0.93
R-Squared	97.14	-	87.65
Standard Deviation	13.49	13.35	13.27
Sharpe Ratio	0.61	0.55	0.66
Tracking Error	2.28	-	4.56
Information Ratio	0.43	-	0.29
Up Capture Ratio	101.75	-	99.26
Down Capture Ratio	96.70	-	89.31

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.55	15.67	14.96
Price/Book Ratio	2.87	2.31	2.13
Avg Eff Duration	3.90	-	3.55

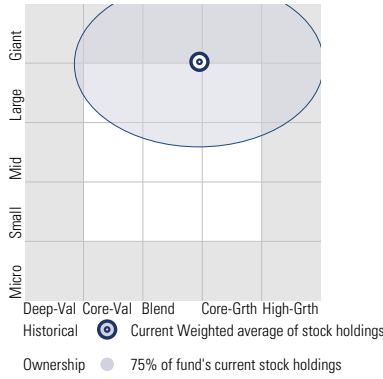
# BlackRock Global Allocation Instl MALOX

**Morningstar Category**  
Global Allocation

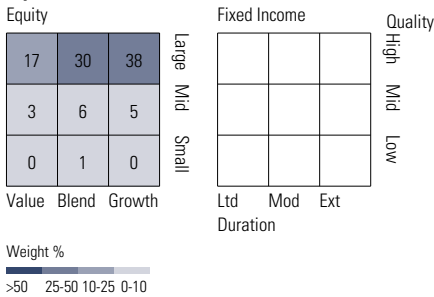
**Morningstar Index**  
Morningstar Gbl Allocation TR USD

## Style Analysis as of 03-31-2023

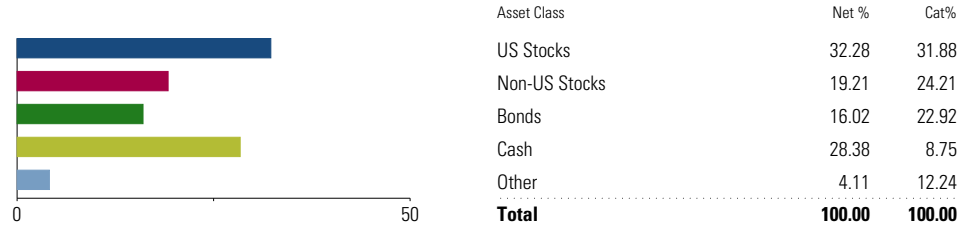
Morningstar Style Box™



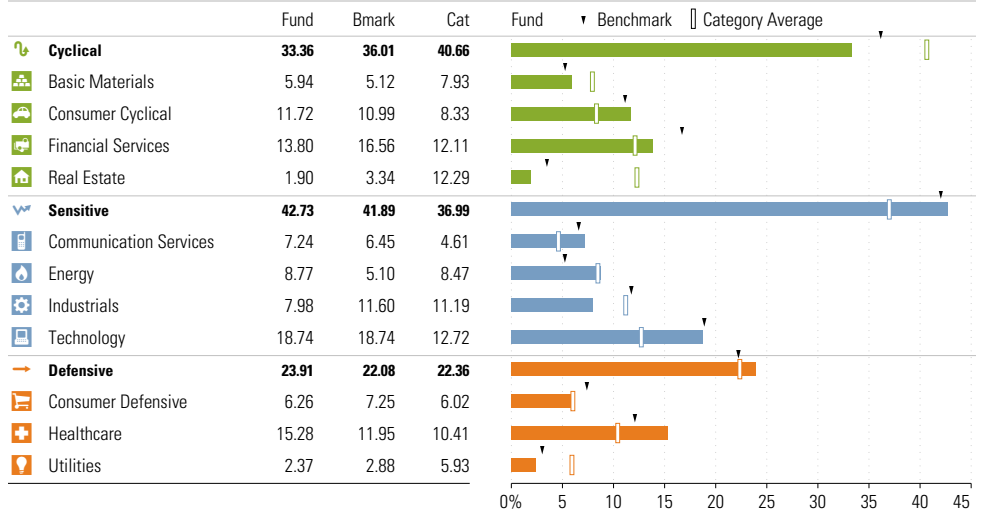
## Style Breakdown



## Asset Allocation as of 03-31-2023



## Sector Weighting as of 03-31-2023



## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Ois 02-May-2025 Pay	05-2025	9.52	9.52	--	--
⊕ 2.720000 02-May-2025 Receive	05-2025	9.25	18.77	--	--
⊕ Ois 02-May-2024 Pay	05-2024	8.01	26.78	--	--
⊕ 2.650000 02-May-2024 Receive	05-2024	7.82	34.60	--	--
⊕ 4.457500 12-Jul-2024 Receive	07-2024	4.68	39.27	--	--
⊕ Ois 12-Jul-2024 Pay	07-2024	4.67	43.95	--	--
⊕ Ois 02-May-2032 Pay	05-2032	4.34	48.29	--	--
⊕ Japan (Government Of)	03-2023	4.31	52.60	--	--
⊕ 2.650000 02-May-2032 Receive	05-2032	4.15	56.75	--	--
⊕ Ois 02-May-2052 Pay	05-2052	2.98	59.74	--	--

## Total Holdings 2292

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

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

## Portfolio Manager(s)

Christopher Allen since 02-2017  
David Rogal since 03-2018

## 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 6.13 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.35 is 39.66% lower than the Inflation-Protected Bond category average.

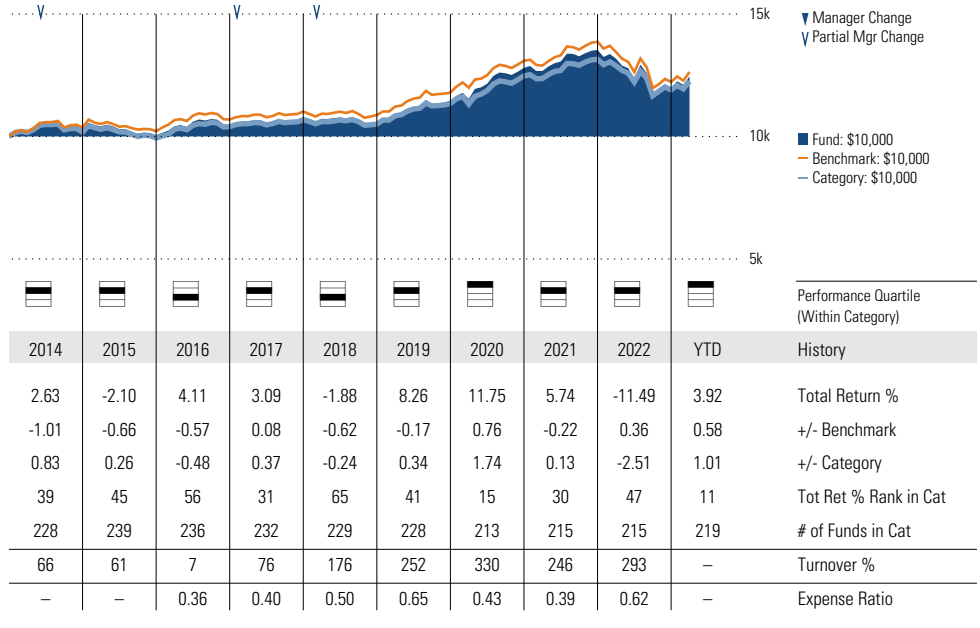
## Morningstar Investment Management LLC Analysis

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.

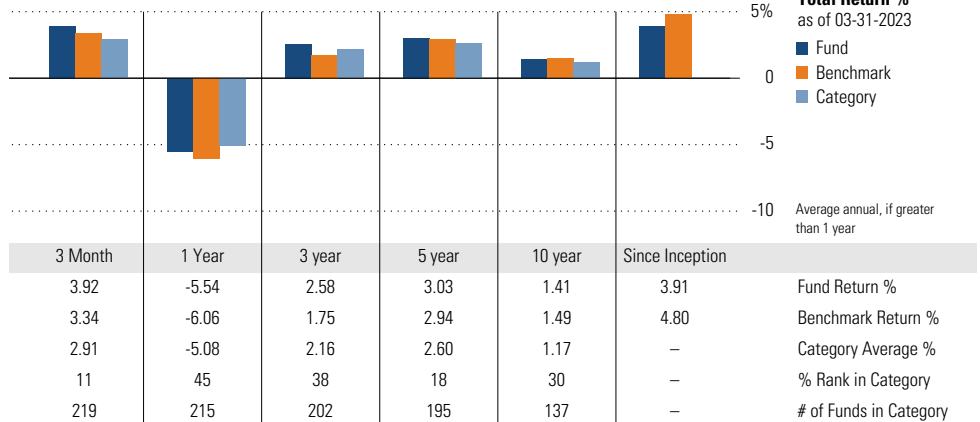
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	09-30-2022

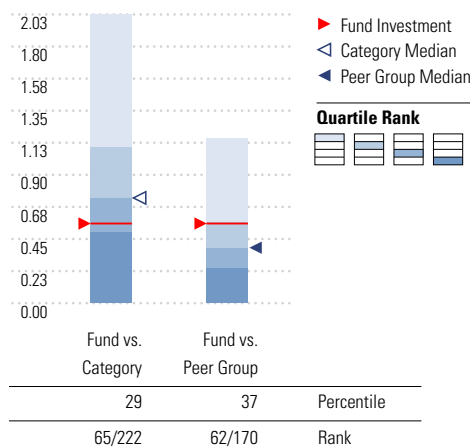
## Growth of \$10,000



## 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	0.76	-	0.93
Beta	1.04	-	0.90
R-Squared	99.04	-	92.97
Standard Deviation	7.39	7.10	6.63
Sharpe Ratio	0.22	0.12	0.29
Tracking Error	0.77	-	2.03
Information Ratio	1.08	-	0.14
Up Capture Ratio	106.16	-	94.57
Down Capture Ratio	97.92	-	84.84

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.93	4.52	6.46
Avg Eff Maturity	7.23	-	6.93

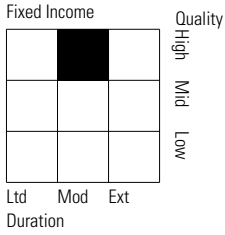
# BlackRock Inflation Protected Bond Instl BPRIX

**Morningstar Category**  
Inflation-Protected Bond

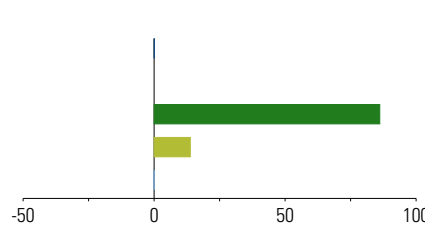
**Morningstar Index**  
Bloomberg US Treasury US TIPS TR USD

## Style Analysis as of 03-31-2023

### Style Breakdown



## Asset Allocation as of 03-31-2023

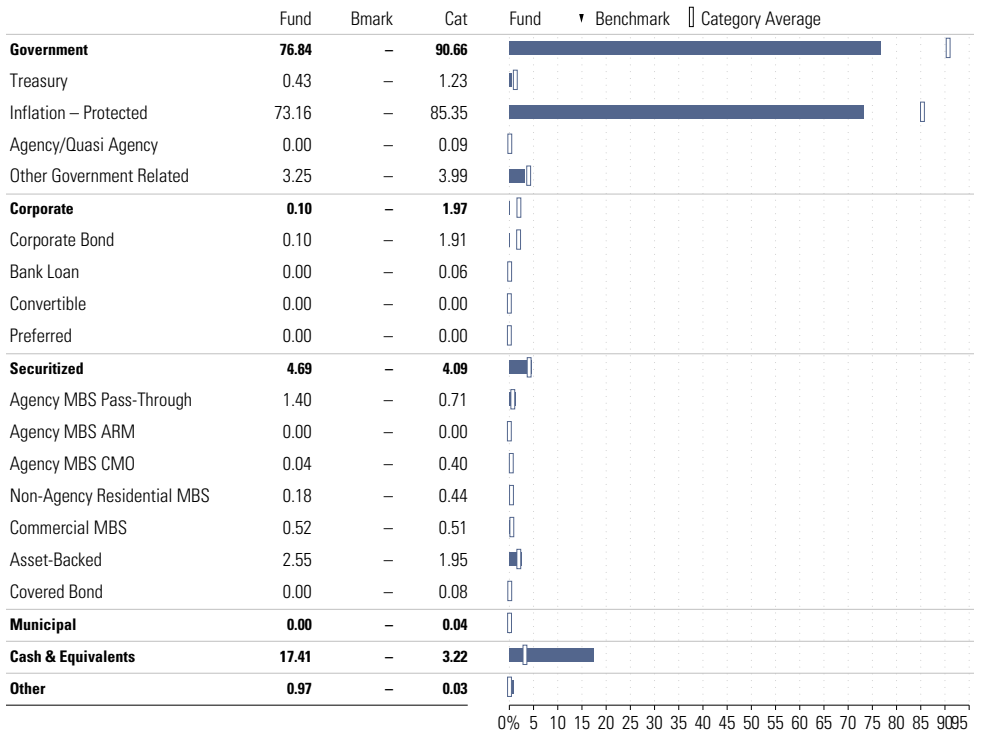


Asset Class	Net %	Cat%
US Stocks	0.10	0.00
Non-US Stocks	0.00	0.00
Bonds	86.13	96.60
Cash	13.81	3.10
Other	-0.04	0.29
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	96.79	0.00	97.23
AA	0.10	99.60	0.21
A	0.14	0.00	0.52
BBB	0.71	0.00	0.98
BB	0.05	0.00	0.12
B	0.09	0.00	0.04
Below B	0.00	0.00	0.01
Not Rated	2.12	0.40	0.89

## Sector Weighting as of 03-31-2023



## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ Barclays Capital Us Tips Index (Se	-	100.13	100.13	-
⊖ Barclays Capital Us Tips Index (Se	-	100.13	200.26	-
✱ Cash Offset	-	23.08	223.34	-
⊖ Us 2Yr Note Jun 23	-	5.75	229.09	-
⊕ United States Treasury Notes	10-2027	5.48	234.57	-
⊖ United States Treasury Notes	07-2032	3.79	238.36	-
⊖ Three-Month Sofr Future Dec 23	-	3.78	242.14	-
⊖ Jpn 10Yr Bond (Ose) Jun 23	-	3.62	245.75	-
⊖ 3 Month Euribor Future June 23	06-2023	3.54	249.29	-
⊖ United States Treasury Notes	01-2032	3.49	252.78	-

**Total Holdings 306**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Delaware Small Cap Value Instl DEVIX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Portfolio Manager(s)

Steven Catricks since 07-2012  
Kelley Carabasi since 07-2012  
Kent Madden since 07-2012  
Michael Foley since 07-2019

## Quantitative Screens

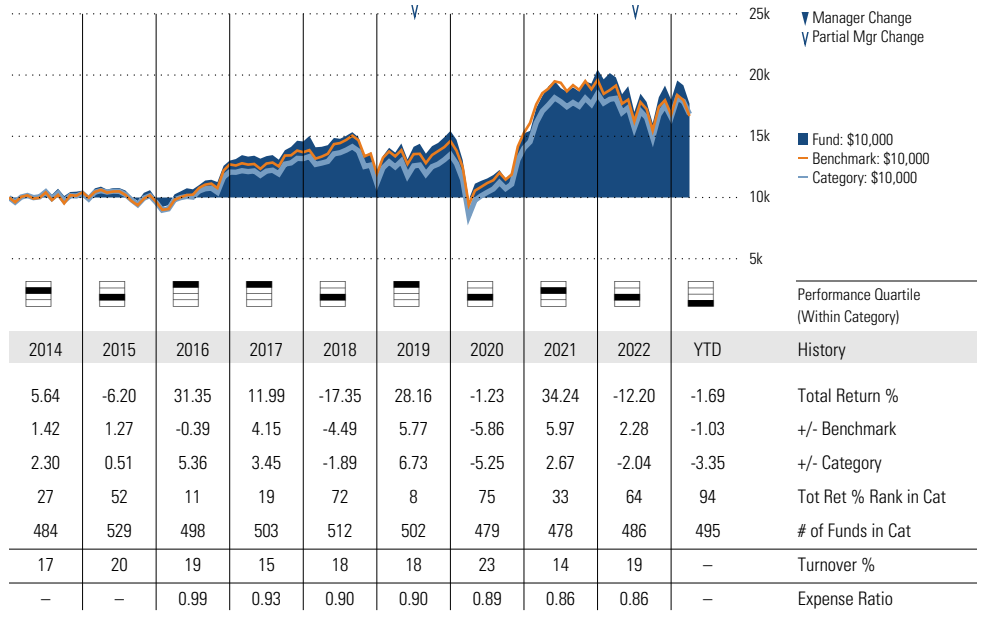
✔ **Performance:** The fund has finished in the Small Value category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 10.75 years.

✔ **Style:** The fund has landed in its primary style box — Small Value — 96.88 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.86 is 24.56% lower than the Small Value category average.

## Growth of \$10,000



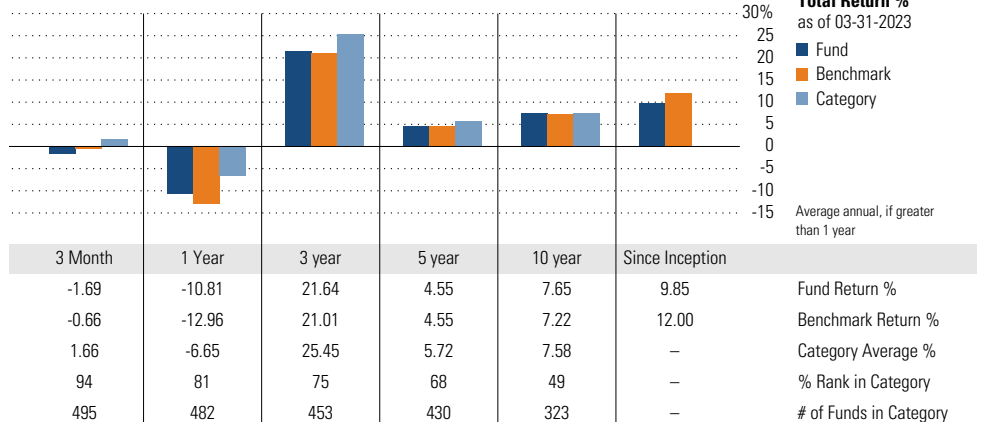
## Morningstar Investment Management LLC Analysis

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.

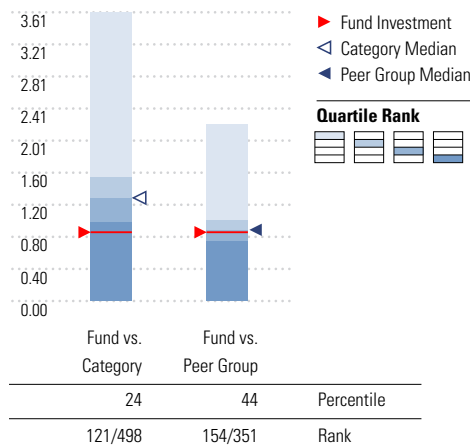
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

## 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	1.14	-	4.01
Beta	0.97	-	0.96
R-Squared	94.11	-	93.02
Standard Deviation	23.08	23.03	22.89
Sharpe Ratio	0.91	0.89	1.03
Tracking Error	5.64	-	6.15
Information Ratio	0.11	-	0.65
Up Capture Ratio	99.01	-	101.34
Down Capture Ratio	96.12	-	89.27

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	11.30	10.00	10.53
Price/Book Ratio	1.56	1.33	1.49
Geom Avg Mkt Cap \$B	4.16	1.94	3.66
ROE	17.28	7.30	16.75

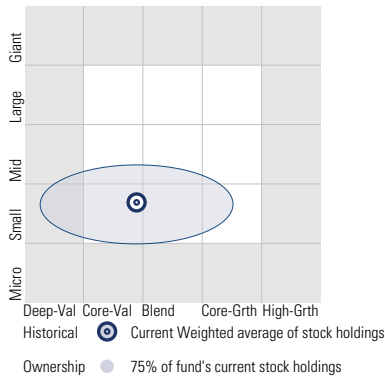
# Delaware Small Cap Value Instl DEVIX

**Morningstar Category**  
Small Value

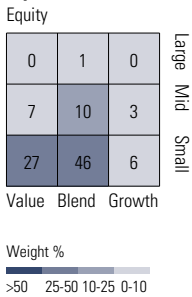
**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 03-31-2023

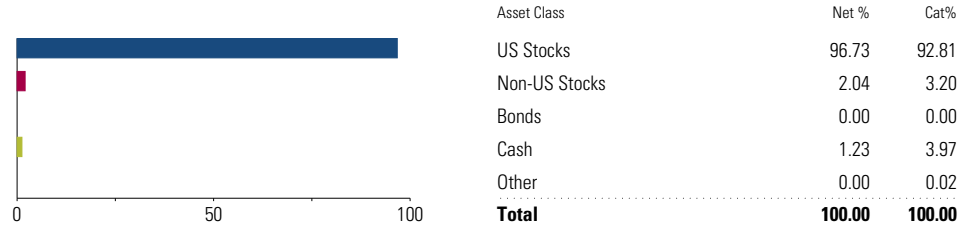
Morningstar Style Box™



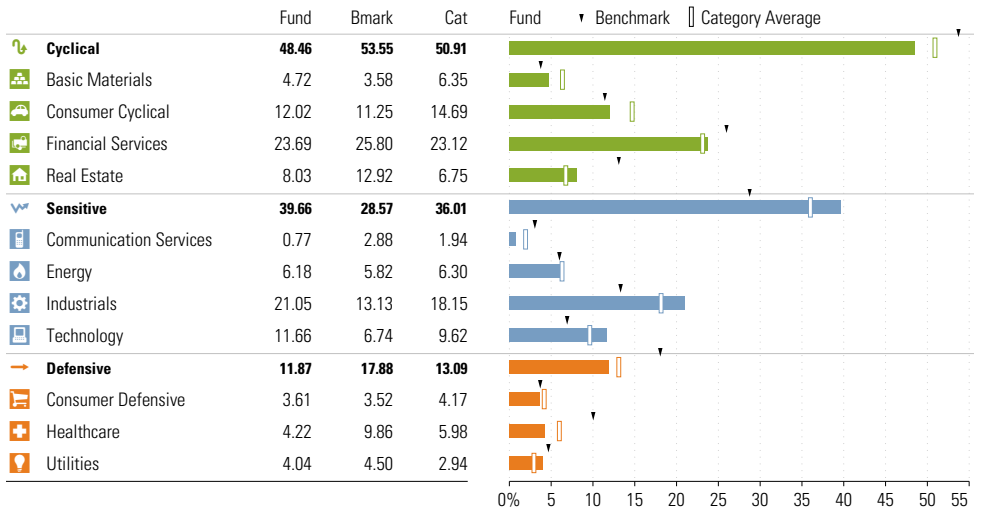
## Style Breakdown



## Asset Allocation as of 03-31-2023



## Sector Weighting as of 03-31-2023



## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Atkore Inc	2.09	2.09	23.86	Industrials
MasTec Inc	2.00	4.09	10.68	Industrials
Stifel Financial Corp	1.98	6.07	1.85	Financial Services
F N B Corp	1.96	8.03	-10.19	Financial Services
Webster Financial Corp	1.95	9.98	-15.89	Financial Services
WESCO International Inc	1.89	11.87	23.73	Industrials
Hancock Whitney Corp	1.86	13.73	-24.16	Financial Services
ITT Inc	1.69	15.42	6.77	Industrials
Valley National Bancorp	1.49	16.91	-17.33	Financial Services
Berry Global Group Inc	1.44	18.35	-2.12	Consumer Cyclical
East West Bancorp Inc	1.42	19.78	-15.05	Financial Services
Cirrus Logic Inc	1.35	21.12	46.86	Technology
Flex Ltd	1.32	22.44	7.22	Technology
Magnolia Oil & Gas Corp Class A	1.30	23.74	-6.20	Energy
Werner Enterprises Inc	1.30	25.03	12.99	Industrials

**Total Holdings 105**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Federated Hermes Govt Ultrashort IS FGUSX

**Morningstar Category**  
Ultrashort Bond

**Morningstar Index**  
Bloomberg 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 6 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 25.74 years.

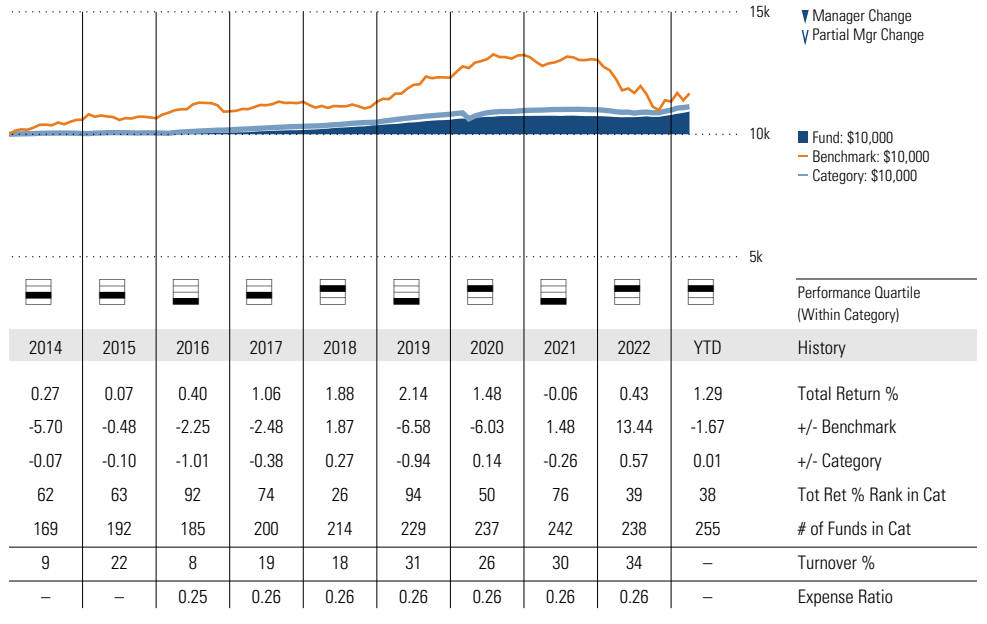
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 42.22% lower than the Ultrashort Bond category average.

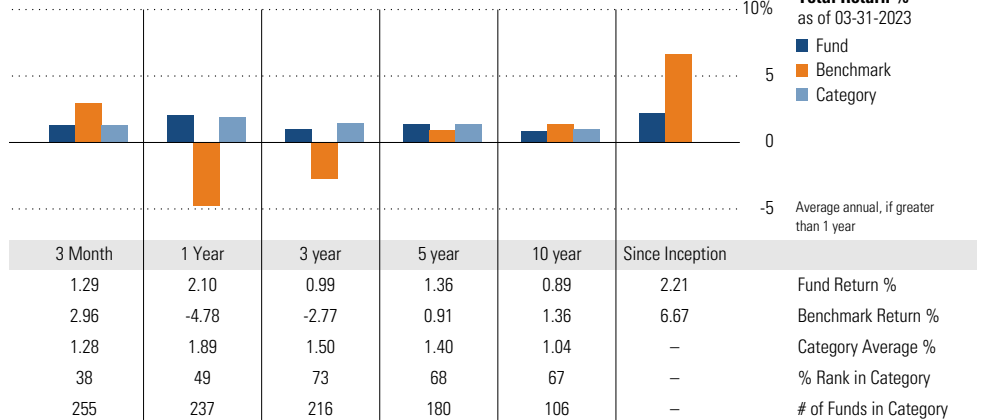
## Morningstar Investment Management LLC Analysis

This fund fails our performance consistency screen. Its relative performance versus typical peers in the ultrashort bond category has struggled, partly due to its strict adherence to investing in government securities, which have lagged credit instruments.

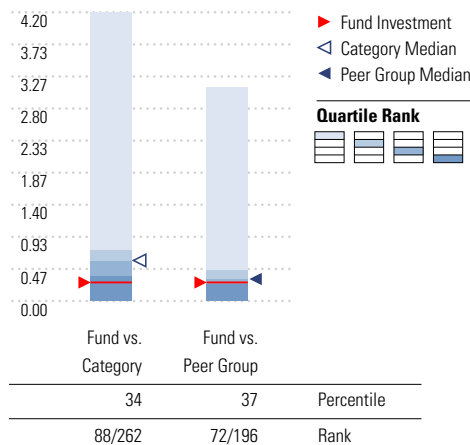
## Growth of \$10,000



## 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	1.14	-	1.80
Beta	0.06	-	0.11
R-Squared	31.65	-	28.48
Standard Deviation	0.65	6.29	1.30
Sharpe Ratio	-0.29	-0.60	0.10
Tracking Error	5.94	-	5.74
Information Ratio	0.63	-	0.75
Up Capture Ratio	12.35	-	23.31
Down Capture Ratio	-1.27	-	1.33

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.26	4.43	0.91
Avg Eff Maturity	5.30	-	1.90

# Federated Hermes Govt Ultrashort IS FGUSX

**Morningstar Category**  
Ultrashort Bond

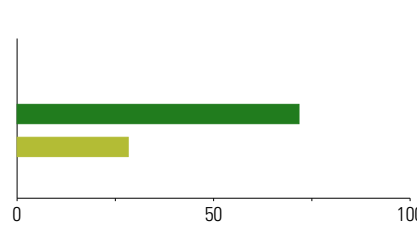
**Morningstar Index**  
Bloomberg US Agg Bond TR USD

**Style Analysis** as of 03-31-2023

**Style Breakdown**



**Asset Allocation** as of 03-31-2023

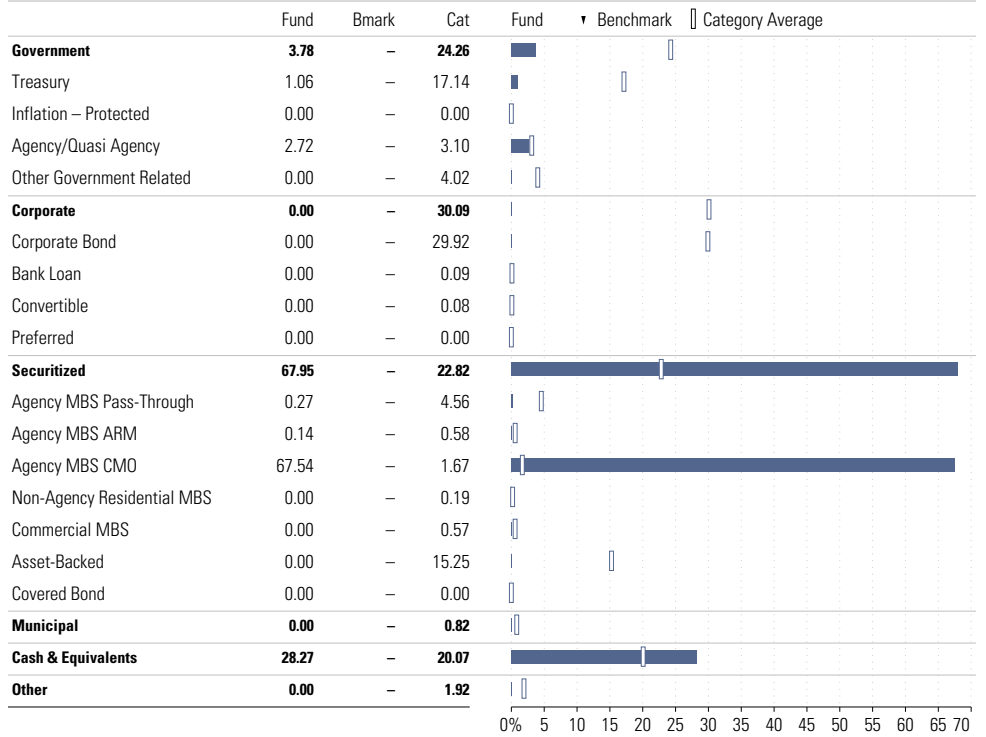


Asset Class	Net %	Cat%
US Stocks	0.00	0.17
Non-US Stocks	0.00	0.00
Bonds	71.73	68.64
Cash	28.27	31.04
Other	0.00	0.15
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Credit Rating Breakdown**

	Fund	Bmark	Cat
AAA	100.00	3.53	36.14
AA	0.00	74.59	7.53
A	0.00	10.82	20.05
BBB	0.00	8.32	19.36
BB	0.00	0.28	1.88
B	0.00	0.00	1.94
Below B	0.00	0.00	0.34
Not Rated	0.00	2.46	12.75

**Sector Weighting** as of 03-31-2023



**Top 10 Holdings** as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bofam Repo 1 Repo	04-2023	13.14	13.14	-
⊕ Hsbc Repo 2 Repo	04-2023	7.57	20.70	-
⊕ Bank Of Montreal 3 Repo	04-2023	7.57	28.27	-
⊕ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 4.82053%	12-2032	6.55	34.82	-
⊕ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.08561%	12-2032	6.04	40.86	-
⊕ Government National Mortgage Association 5.12871%	01-2073	5.29	46.15	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.44815%	10-2032	4.56	50.71	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.40561%	11-2032	3.95	54.66	-
⊕ Government National Mortgage Association 5.20906%	01-2053	3.82	58.48	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.40815%	11-2032	3.61	62.09	-

**Total Holdings 182**

⊕ Increase ⊖ Decrease ✱ New to Portfolio



# Fidelity® Contrafund® FCNTX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

William Danoff since 09-1990

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large Growth 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 32.56 years.

✔ **Style:** The fund has landed in its primary style box — Large Growth — 93.75 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.55 is 42.11% lower than the Large Growth category average.

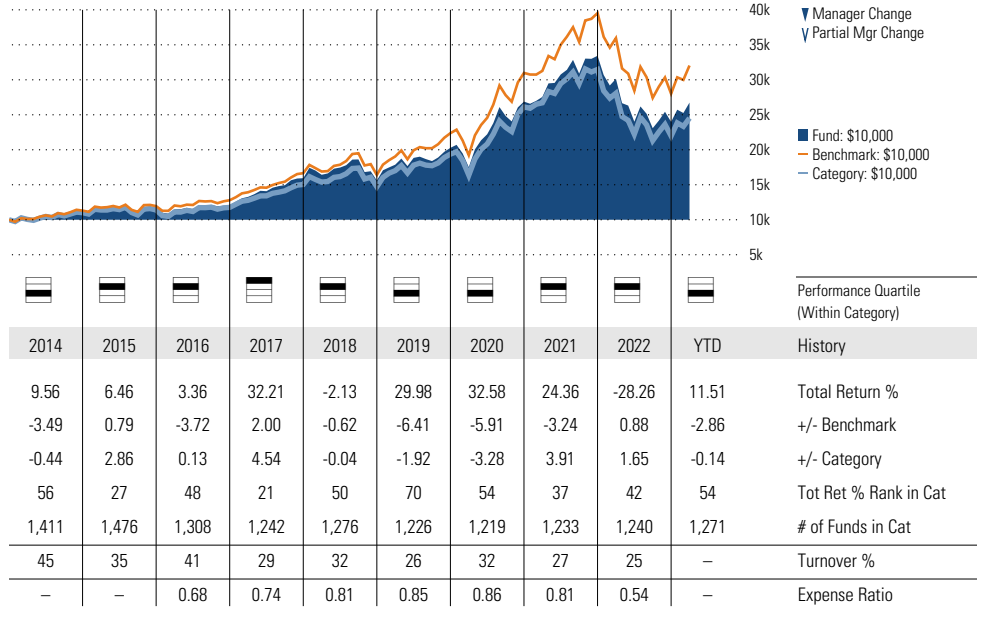
## Morningstar Investment Management LLC Analysis

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.

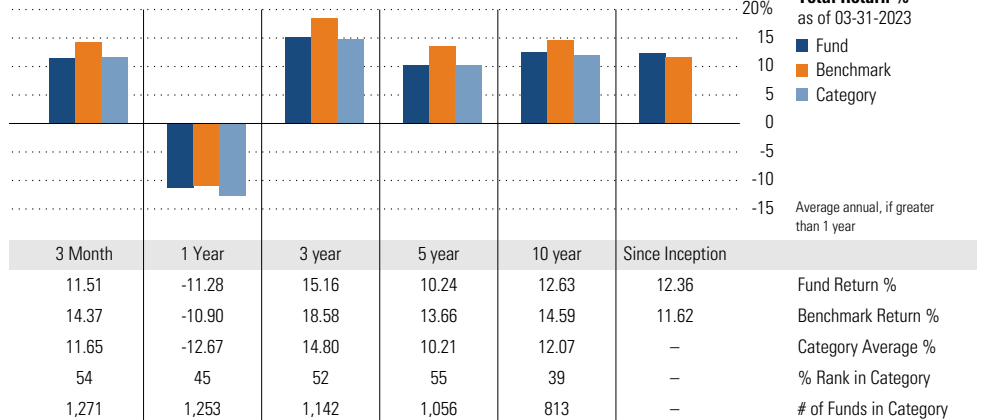
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

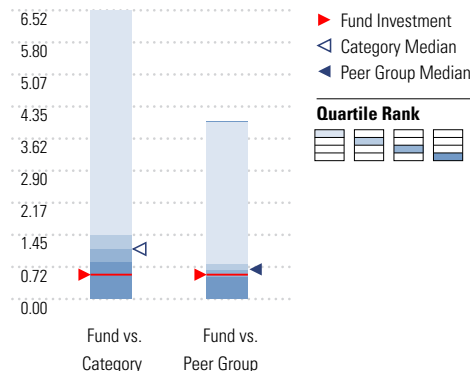
## Growth of \$10,000



## 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	-1.50	-	-2.96
Beta	0.91	-	0.97
R-Squared	97.81	-	92.72
Standard Deviation	21.10	23.06	23.27
Sharpe Ratio	0.72	0.80	0.66
Tracking Error	3.81	-	6.33
Information Ratio	-0.89	-	-0.78
Up Capture Ratio	87.61	-	89.90
Down Capture Ratio	91.50	-	97.84

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	19.69	25.33	25.60
Price/Book Ratio	3.77	8.50	6.47
Geom Avg Mkt Cap \$B	277.81	241.97	295.21
ROE	25.62	39.31	33.93

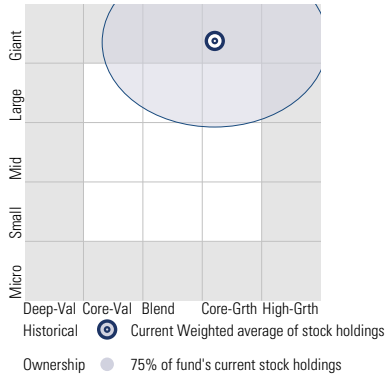
# Fidelity® Contrafund® FCNTX

**Morningstar Category**  
Large Growth

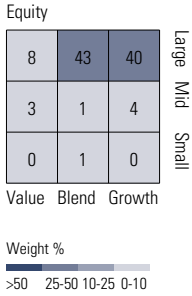
**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 03-31-2023

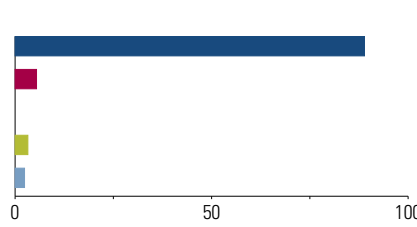
Morningstar Style Box™



## Style Breakdown

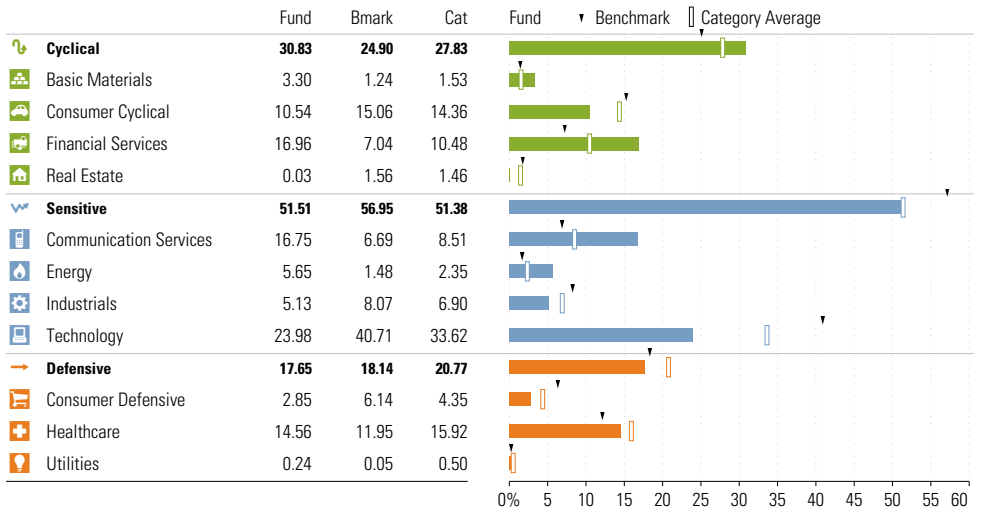


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	88.90	92.67
Non-US Stocks	5.45	4.85
Bonds	0.00	0.00
Cash	3.25	1.38
Other	2.40	1.08
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Meta Platforms Inc Class A	8.98	8.98	76.12	Communication Svc
⊖ Berkshire Hathaway Inc Class A	8.93	17.90	-0.66	Financial Services
⊖ Microsoft Corp	6.42	24.32	20.50	Technology
⊖ Amazon.com Inc	5.26	29.58	22.96	Consumer Cyclical
⊕ Apple Inc	4.62	34.21	27.09	Technology
⊖ UnitedHealth Group Inc	4.54	38.74	-10.55	Healthcare
⊕ Fidelity Revere Str Tr	3.26	42.01	-	-
⊖ NVIDIA Corp	2.80	44.81	90.10	Technology
⊖ Alphabet Inc Class A	2.35	47.16	17.57	Communication Svc
⊖ Regeneron Pharmaceuticals Inc	2.17	49.33	13.89	Healthcare
⊖ Alphabet Inc Class C	2.02	51.35	17.21	Communication Svc
⊖ Eli Lilly and Co	1.94	53.29	-5.82	Healthcare
⊖ Amphenol Corp Class A	1.78	55.06	7.60	Technology
⊕ Visa Inc Class A	1.50	56.56	8.74	Financial Services
⊖ Netflix Inc	1.42	57.98	17.16	Communication Svc

**Total Holdings 358**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# MFS New Discovery R4 MNDJX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Portfolio Manager(s)

Michael Grossman since 12-2013

## Quantitative Screens

✔ **Performance:** The fund has finished in the Small Growth category's top three quartiles in 8 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 9.25 years.

✔ **Style:** The fund has landed in its primary style box — Small Growth — 87.5 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.99 is 16.81% lower than the Small Growth category average.

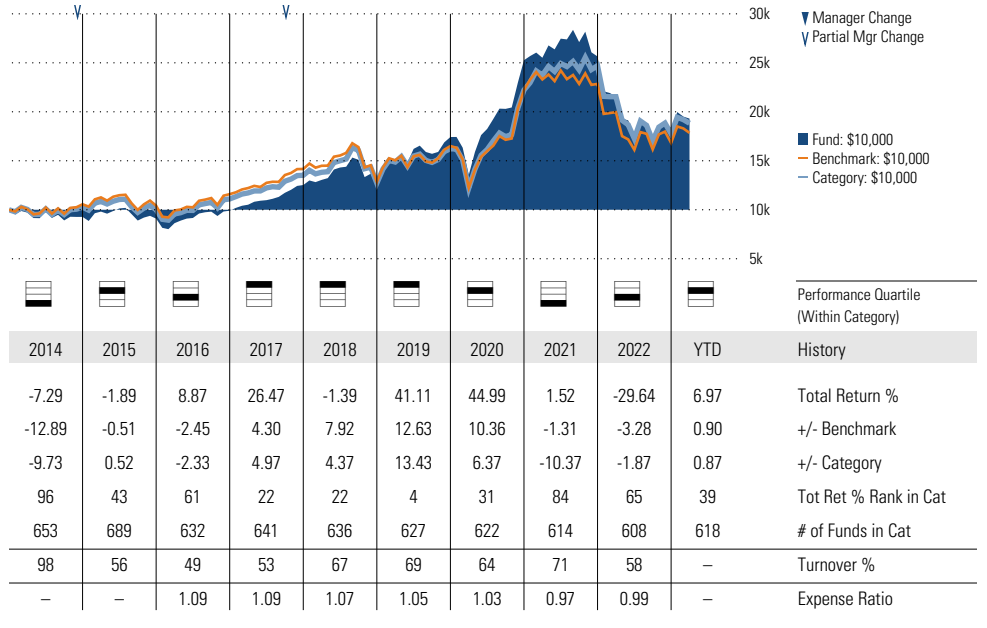
## Morningstar Investment Management LLC Analysis

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.

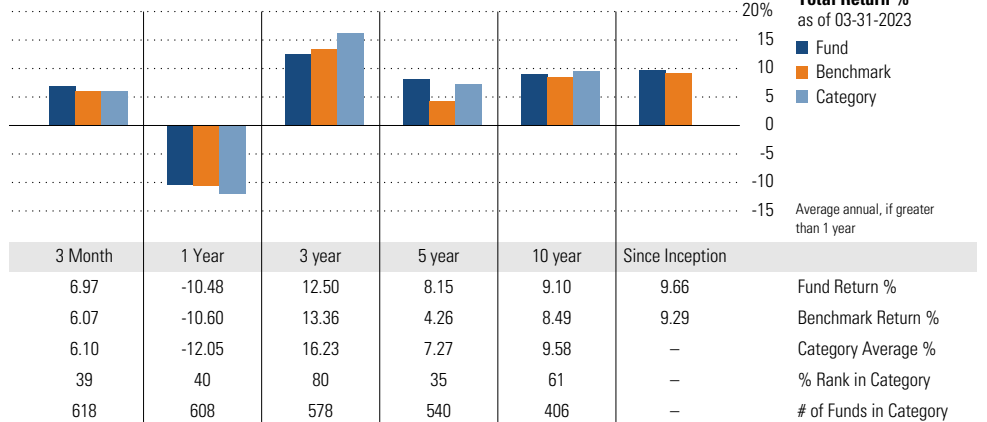
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

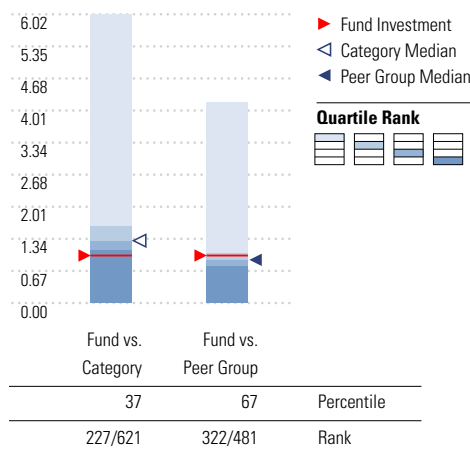
## Growth of \$10,000



## 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	-0.01	-	2.48
Beta	0.95	-	0.95
R-Squared	92.42	-	90.45
Standard Deviation	23.69	24.09	24.19
Sharpe Ratio	0.56	0.59	0.67
Tracking Error	6.65	-	7.74
Information Ratio	-0.13	-	0.27
Up Capture Ratio	94.32	-	101.11
Down Capture Ratio	94.85	-	95.22

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	21.30	14.30	20.30
Price/Book Ratio	2.98	3.55	3.51
Geom Avg Mkt Cap \$B	3.92	2.74	4.96
ROE	7.93	12.78	15.34

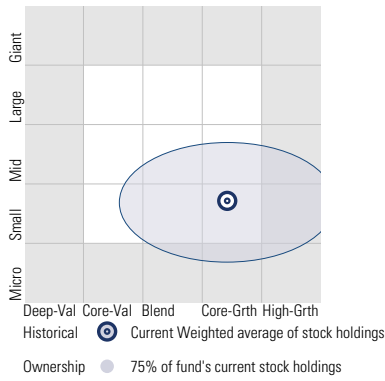
# MFS New Discovery R4 MNDJX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Style Analysis as of 03-31-2023

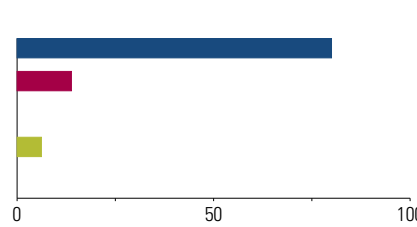
Morningstar Style Box™



## Style Breakdown

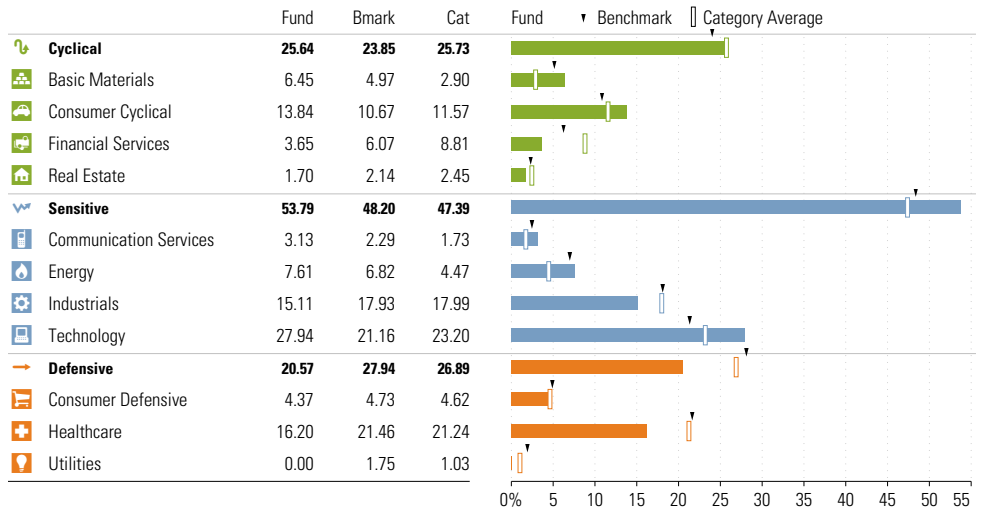


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	80.00	92.09
Non-US Stocks	13.82	4.29
Bonds	0.00	0.00
Cash	6.18	2.35
Other	0.00	1.29
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Currency Cash CASH_USD	6.23	6.23	-	-
WNS (Holdings) Ltd ADR	2.55	8.78	16.48	Technology
GFL Environmental Inc	2.54	11.32	17.87	Industrials
⊕ Sensata Technologies Holding PLC	2.38	13.70	24.15	Technology
⊖ ChampionX Corp	2.29	15.98	-6.16	Energy
⊕ ExlService Holdings Inc	2.08	18.06	-4.49	Technology
⊕ Axalta Coating Systems Ltd	2.06	20.12	18.92	Basic Materials
Envista Holdings Corp Ordinary Shares	1.98	22.11	21.41	Healthcare
⊕ Jacobs Solutions Inc	1.84	23.94	-1.92	Industrials
Element Solutions Inc	1.82	25.76	6.60	Basic Materials
⊕ PENN Entertainment Inc	1.79	27.55	-0.13	Consumer Cyclical
⊖ Ollie's Bargain Outlet Holdings Inc	1.72	29.27	23.70	Consumer Defensive
⊖ Ritchie Bros Auctioneers Inc	1.71	30.98	-0.42	Industrials
Skechers USA Inc Class A	1.60	32.58	13.28	Consumer Cyclical
Stag Industrial Inc	1.59	34.17	5.81	Real Estate

**Total Holdings 109**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
Bloomberg US Universal TR USD

## Portfolio Manager(s)

Daniel Ivascyn since 03-2007  
Alfred Murata since 03-2013  
Joshua Anderson since 07-2018

## Quantitative Screens

✔ **Performance:** The fund has finished in the Multisector Bond 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 16.01 years.

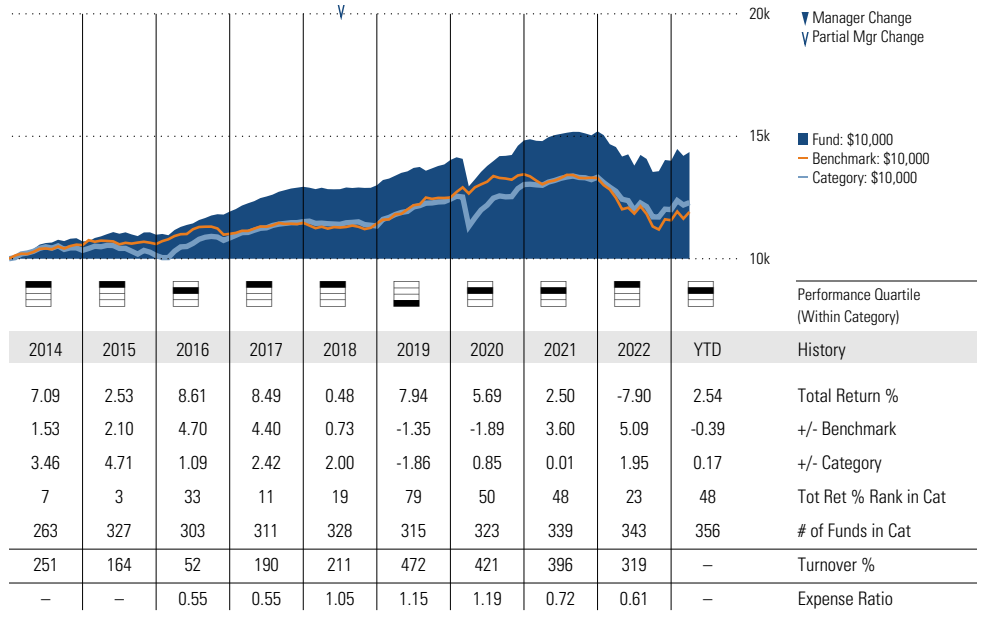
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.61 is 36.46% lower than the Multisector Bond category average.

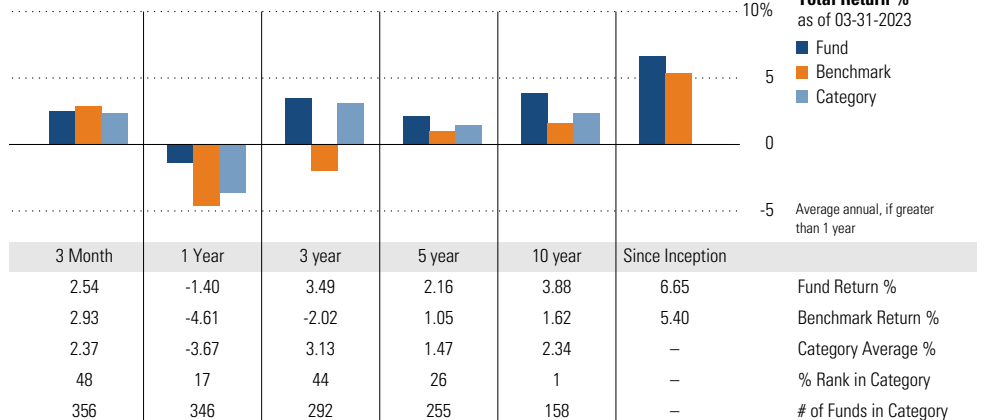
## Morningstar Investment Management LLC Analysis

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.

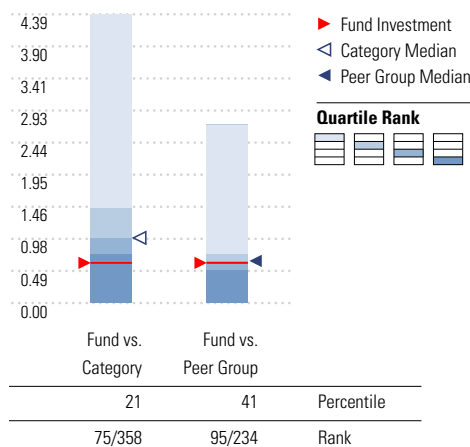
## Growth of \$10,000



## 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	5.18	-	5.08
Beta	0.85	-	0.85
R-Squared	79.16	-	66.99
Standard Deviation	6.04	6.33	6.66
Sharpe Ratio	0.40	-0.48	0.36
Tracking Error	2.92	-	4.06
Information Ratio	1.89	-	1.35
Up Capture Ratio	112.58	-	114.73
Down Capture Ratio	52.16	-	55.37

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	3.83	4.55	4.53
Avg Eff Maturity	5.90	7.69	7.44

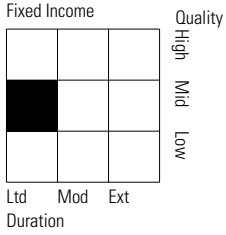
# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
Bloomberg US Universal TR USD

## Style Analysis as of 03-31-2023

### Style Breakdown



## Asset Allocation as of 03-31-2023

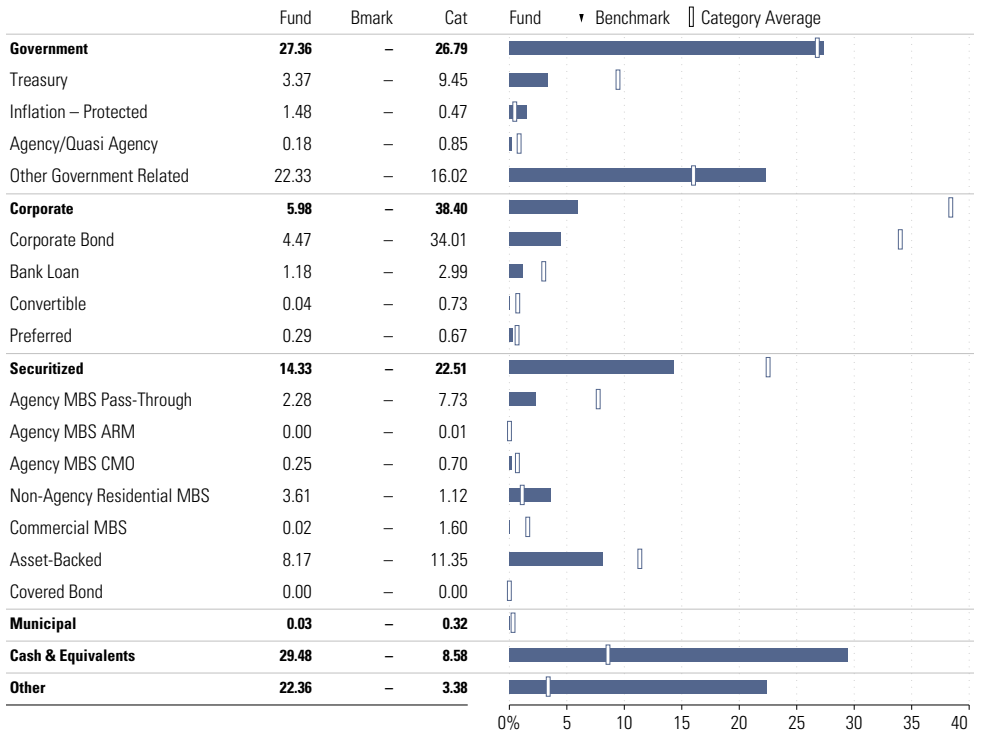


Asset Class	Net %	Cat%
US Stocks	1.15	1.13
Non-US Stocks	0.36	0.15
Bonds	129.67	99.84
Cash	-31.68	4.40
Other	0.52	-5.53
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	48.99	67.64	23.04
AA	4.79	3.23	4.63
A	4.16	10.03	8.90
BBB	14.85	10.89	26.04
BB	14.13	3.19	18.79
B	4.43	3.64	11.23
Below B	8.66	1.38	2.88
Not Rated	0.00	0.00	4.48

## Sector Weighting as of 03-31-2023



## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ Offset: Unsettled Trades	-	29.18	29.18	-
✳ Cash Offset	-	15.55	44.73	-
⊕ IRS USD 1.27000 11/04/22-1Y (WHT) LCH Pay	11-2023	14.02	58.75	-
⊕ IRS USD 1.27000 11/04/22-1Y (WHT) LCH Receive	11-2023	13.58	72.32	-
⊖ 10 Year Treasury Note Future Mar 23	03-2023	9.32	81.64	-
⊕ IRS EUR 2.95000 10/27/22-6Y* LCH Pay	03-2029	9.16	90.80	-
⊖ IRS USD 0.70000 12/14/21-3Y LCH Pay	12-2024	9.14	99.94	-
⊖ IRS USD 0.80000 12/14/21-3Y LCH Pay	12-2024	9.12	109.07	-
⊕ IRS EUR 2.95000 10/27/22-6Y* LCH Receive	03-2029	9.04	118.10	-
⊖ IRS USD 0.80000 12/14/21-3Y LCH Receive	12-2024	8.45	126.55	-

**Total Holdings 7956**

⊕ Increase ⊖ Decrease ✳ New to Portfolio

# T. Rowe Price Retirement 2010 TRRX

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

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

## Portfolio Manager(s)

Wyatt Lee since 08-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2000-2010 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 7.67 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 0.49 is 9.26% lower than the Target-Date 2000-2010 category average.

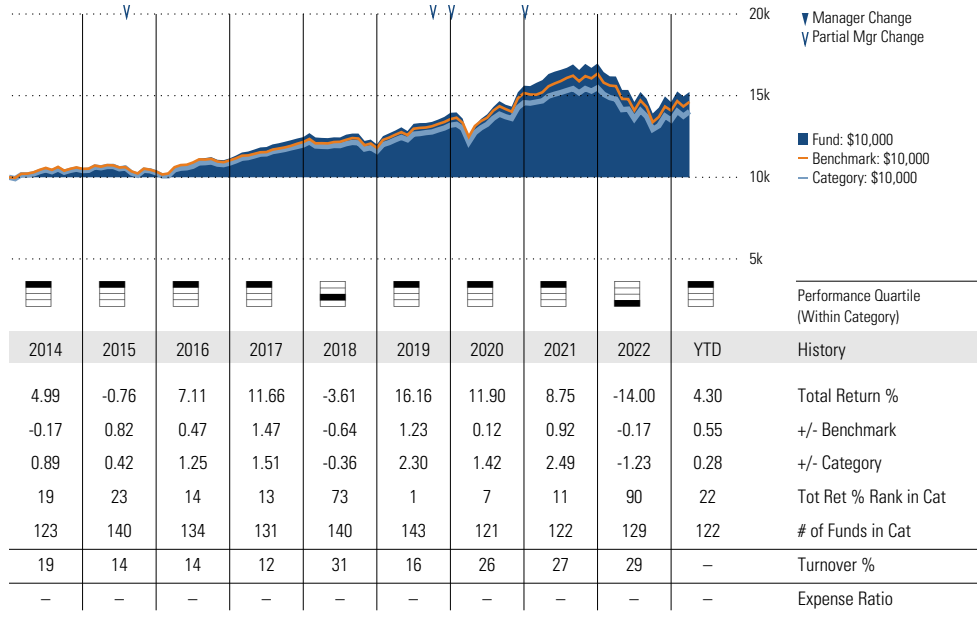
## Morningstar Investment Management LLC Analysis

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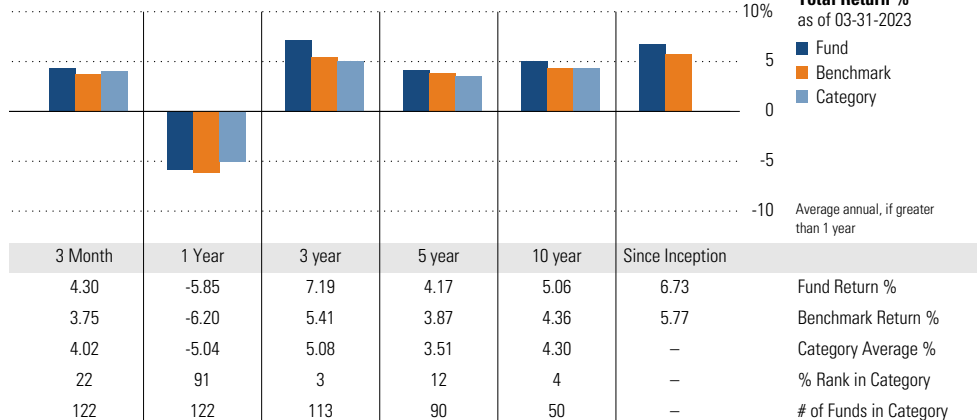
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
ESG Commitment	1-Low	02-15-2022

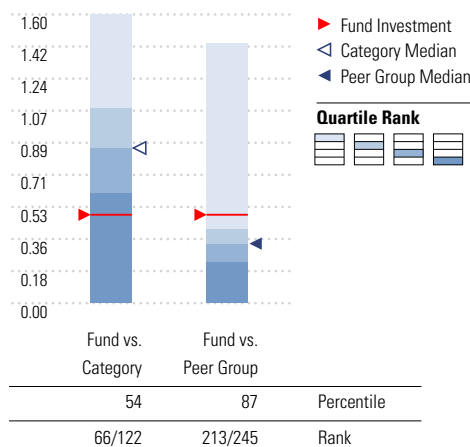
## Growth of \$10,000



## 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	1.53	-	0.18
Beta	1.03	-	0.88
R-Squared	98.01	-	96.84
Standard Deviation	10.43	10.00	8.93
Sharpe Ratio	0.60	0.46	0.45
Tracking Error	1.51	-	2.04
Information Ratio	1.18	-	-0.07
Up Capture Ratio	107.62	-	87.85
Down Capture Ratio	96.42	-	86.23

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.37	16.54	16.30
Price/Book Ratio	2.50	2.40	2.47
Avg Eff Duration	5.65	-	5.88

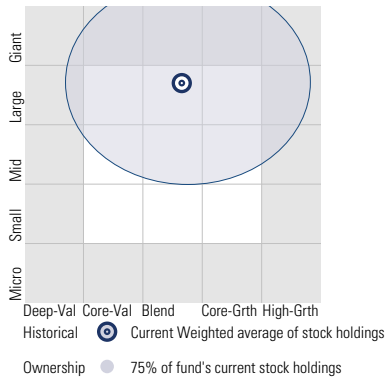
# T. Rowe Price Retirement 2010 TRRAX

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

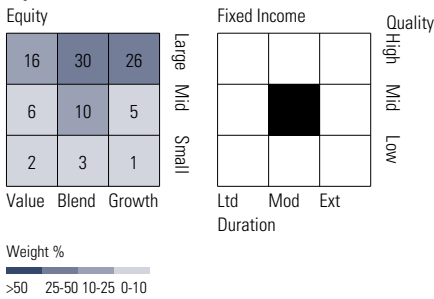
**Morningstar Index**  
Morningstar Lifetime Mod 2010 TR USD

## Style Analysis as of 03-31-2023

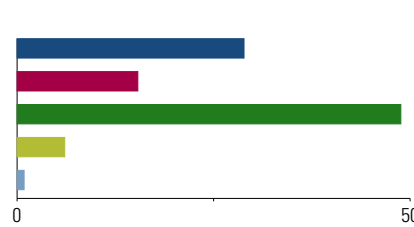
Morningstar Style Box™



## Style Breakdown

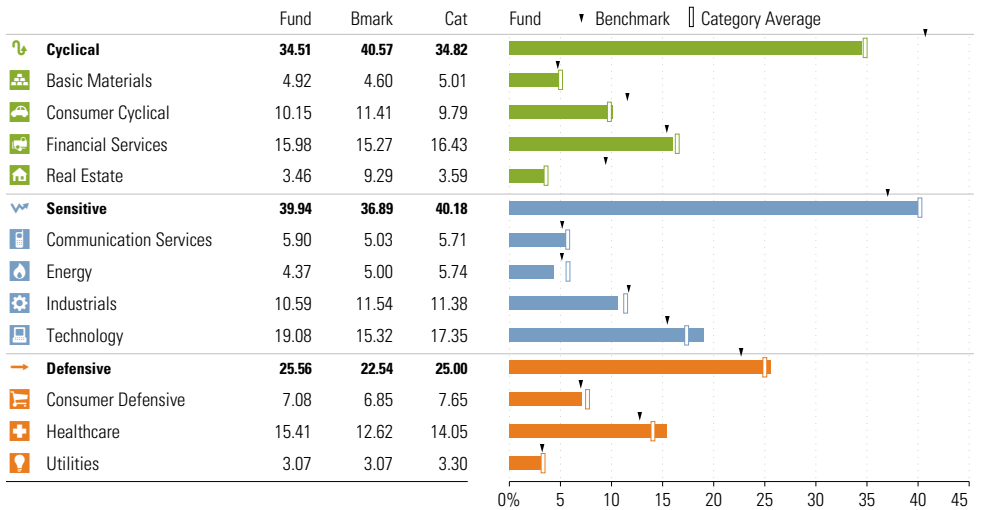


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	28.87	21.91
Non-US Stocks	15.36	12.77
Bonds	48.82	57.14
Cash	6.06	6.02
Other	0.89	2.18
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price New Income Z	—	14.63	14.63	—	—
⊕ T. Rowe Price Ltd Dur Infl Focus Bd Z	—	14.58	29.21	—	—
⊖ T. Rowe Price Value Z	—	7.47	36.67	—	—
⊖ T. Rowe Price Growth Stock Z	—	7.41	44.08	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	—	5.22	49.30	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	4.56	53.86	—	—
⊖ T. Rowe Price Overseas Stock Z	—	4.01	57.87	—	—
⊖ T. Rowe Price Emerging Markets Bond Z	—	3.90	61.77	—	—
⊖ T. Rowe Price Dynamic Global Bond Z	—	3.80	65.57	—	—
⊖ T. Rowe Price US Treasury Money Z	—	3.59	69.16	—	—

## Total Holdings 27

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# T. Rowe Price Retirement 2015 TRRGX

**Morningstar Category**  
Target-Date 2015

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

## Portfolio Manager(s)

Wyatt Lee since 08-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2015 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 7.67 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 0.51 is 13.56% lower than the Target-Date 2015 category average.

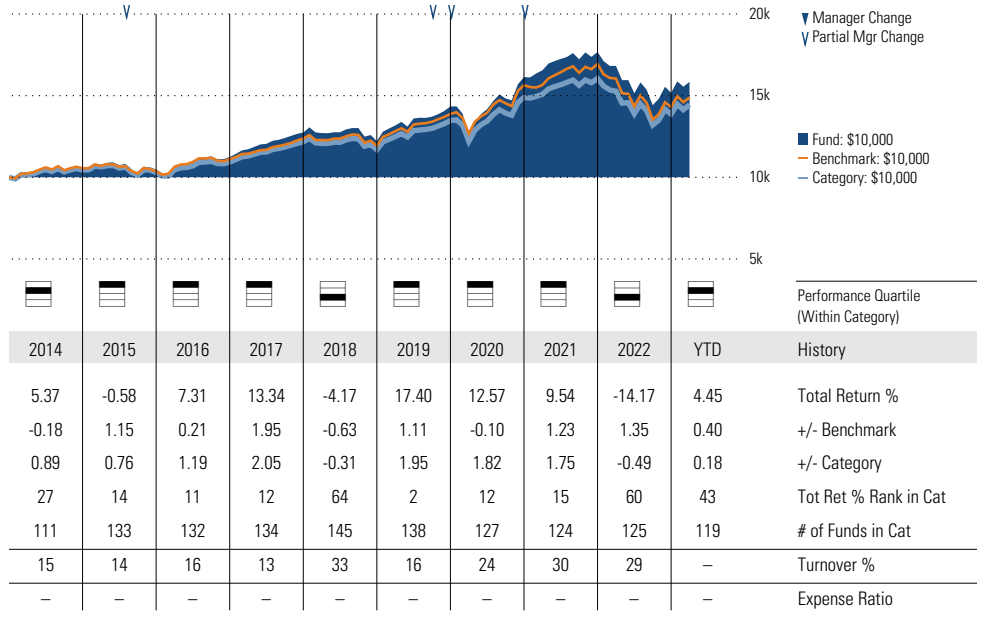
## Morningstar Investment Management LLC Analysis

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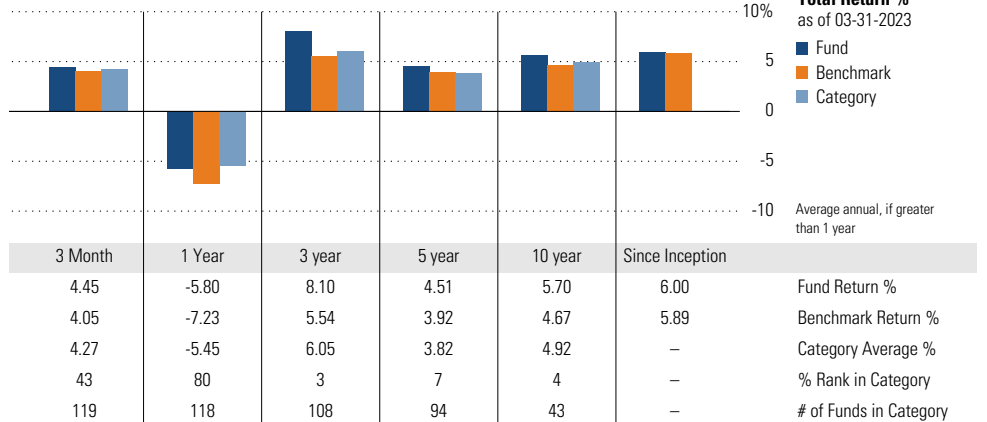
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
ESG Commitment	1-Low	02-15-2022

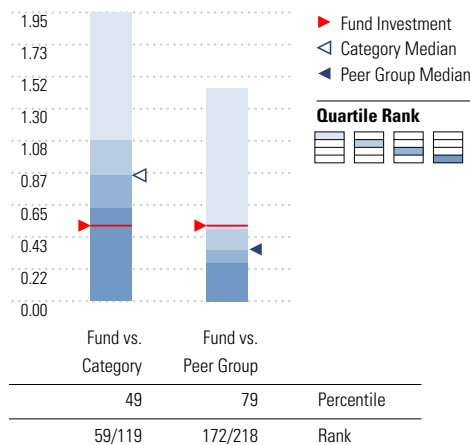
## Growth of \$10,000



## 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	2.50	-	0.99
Beta	0.98	-	0.91
R-Squared	97.33	-	97.50
Standard Deviation	10.97	11.00	10.10
Sharpe Ratio	0.66	0.44	0.52
Tracking Error	1.80	-	1.95
Information Ratio	1.42	-	0.34
Up Capture Ratio	105.38	-	93.43
Down Capture Ratio	88.88	-	86.80

## Portfolio Metrics

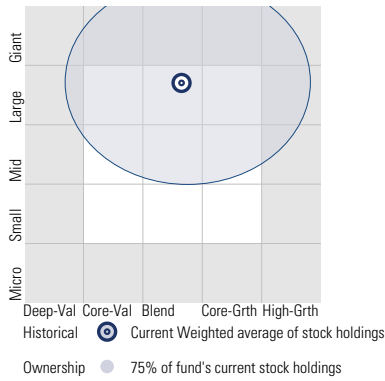
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.38	16.38	16.23
Price/Book Ratio	2.51	2.37	2.46
Avg Eff Duration	5.75	-	5.69

# T. Rowe Price Retirement 2015 TRRGX

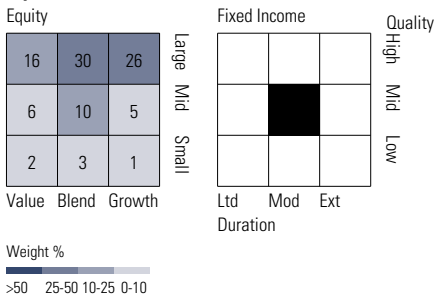
**Morningstar Category**  
Target-Date 2015

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

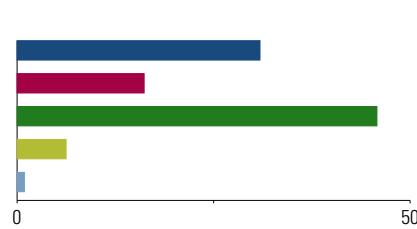
**Style Analysis** as of 03-31-2023  
Morningstar Style Box™



**Style Breakdown**

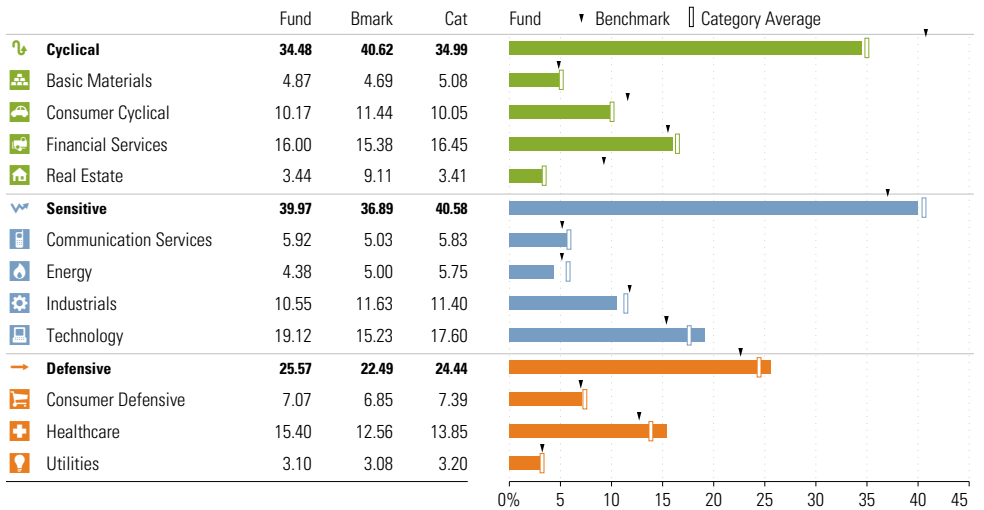


**Asset Allocation** as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	30.90	24.45
Non-US Stocks	16.16	14.30
Bonds	45.78	51.69
Cash	6.23	4.62
Other	0.93	4.93
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2023



**Top 10 Holdings** as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price New Income Z	–	14.22	14.22	–	–
⊖ T. Rowe Price Ltd Dur Infl Focus Bd Z	–	12.57	26.79	–	–
⊖ T. Rowe Price Value Z	–	8.01	34.81	–	–
⊖ T. Rowe Price Growth Stock Z	–	7.92	42.72	–	–
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	–	5.08	47.81	–	–
⊖ T. Rowe Price Equity Index 500 Z	–	5.06	52.86	–	–
⊖ T. Rowe Price Overseas Stock Z	–	4.17	57.03	–	–
⊖ T. Rowe Price Emerging Markets Bond Z	–	3.75	60.79	–	–
⊖ T. Rowe Price Dynamic Global Bond Z	–	3.65	64.43	–	–
⊖ T. Rowe Price International Value Eq Z	–	3.61	68.04	–	–

**Total Holdings 31**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement 2020 TRRBX

**Morningstar Category**  
Target-Date 2020

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

## Portfolio Manager(s)

Wyatt Lee since 08-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2020 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 7.67 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 0.53 is 13.11% lower than the Target-Date 2020 category average.

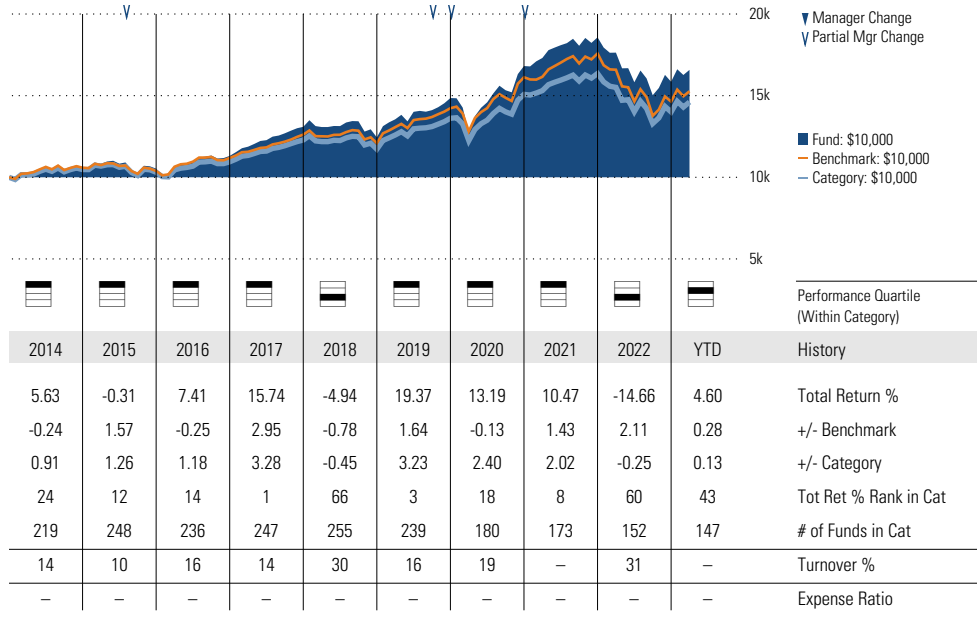
## Morningstar Investment Management LLC Analysis

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.

## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
ESG Commitment	1-Low	02-15-2022

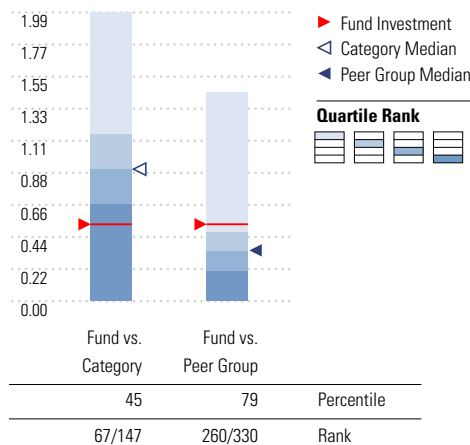
## Growth of \$10,000



## 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	3.15	-	1.19
Beta	0.96	-	0.89
R-Squared	96.85	-	97.15
Standard Deviation	11.71	11.97	10.81
Sharpe Ratio	0.71	0.45	0.54
Tracking Error	2.12	-	2.32
Information Ratio	1.48	-	0.39
Up Capture Ratio	104.43	-	92.55
Down Capture Ratio	85.24	-	85.37

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.40	16.22	16.42
Price/Book Ratio	2.51	2.34	2.40
Avg Eff Duration	5.90	-	5.78

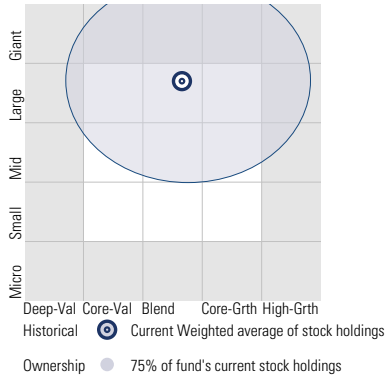
# T. Rowe Price Retirement 2020 TRRBX

**Morningstar Category**  
Target-Date 2020

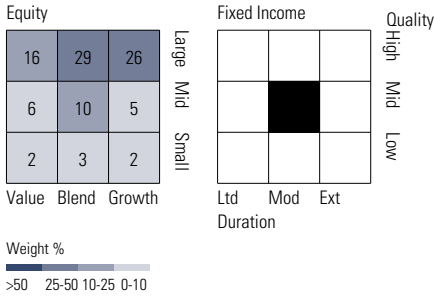
**Morningstar Index**  
Morningstar Lifetime Mod 2020 TR USD

## Style Analysis as of 03-31-2023

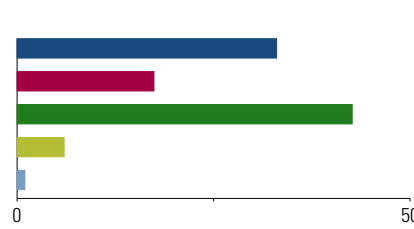
Morningstar Style Box™



## Style Breakdown

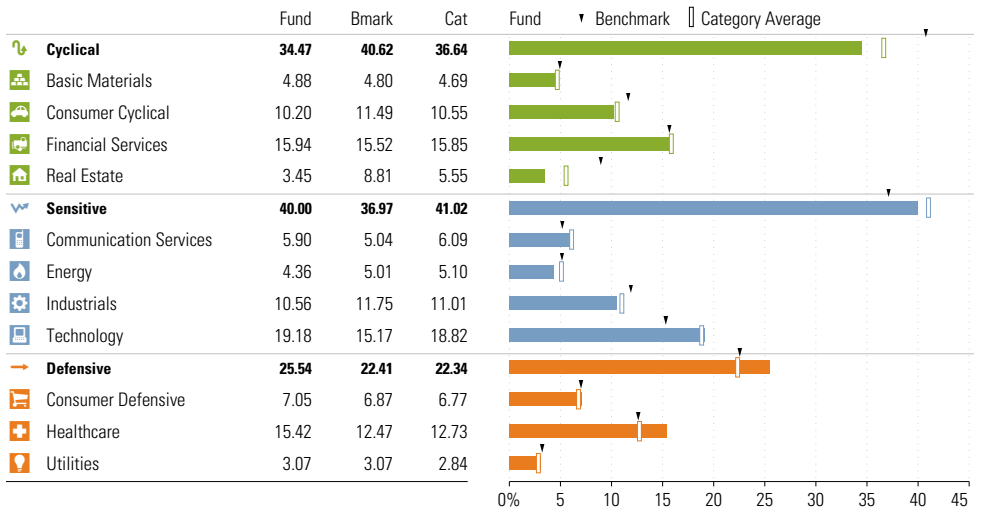


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	33.01	25.78
Non-US Stocks	17.41	14.07
Bonds	42.63	49.20
Cash	5.98	3.01
Other	0.99	7.94
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price New Income Z	—	13.73	13.73	—	—
⊖ T. Rowe Price Ltd Dur Infl Focus Bd Z	—	10.62	24.36	—	—
⊖ T. Rowe Price Growth Stock Z	—	8.57	32.93	—	—
⊖ T. Rowe Price Value Z	—	8.48	41.41	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	5.26	46.67	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	—	4.85	51.51	—	—
⊖ T. Rowe Price Overseas Stock Z	—	4.54	56.05	—	—
⊖ T. Rowe Price International Value Eq Z	—	3.84	59.89	—	—
⊖ T. Rowe Price International Stock Z	—	3.74	63.63	—	—
⊖ T. Rowe Price Emerging Markets Bond Z	—	3.55	67.18	—	—

## Total Holdings 31

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement 2025 TRRHX

**Morningstar Category**  
Target-Date 2025

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

## Portfolio Manager(s)

Wyatt Lee since 08-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2025 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 7.67 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 0.55 is 16.67% lower than the Target-Date 2025 category average.

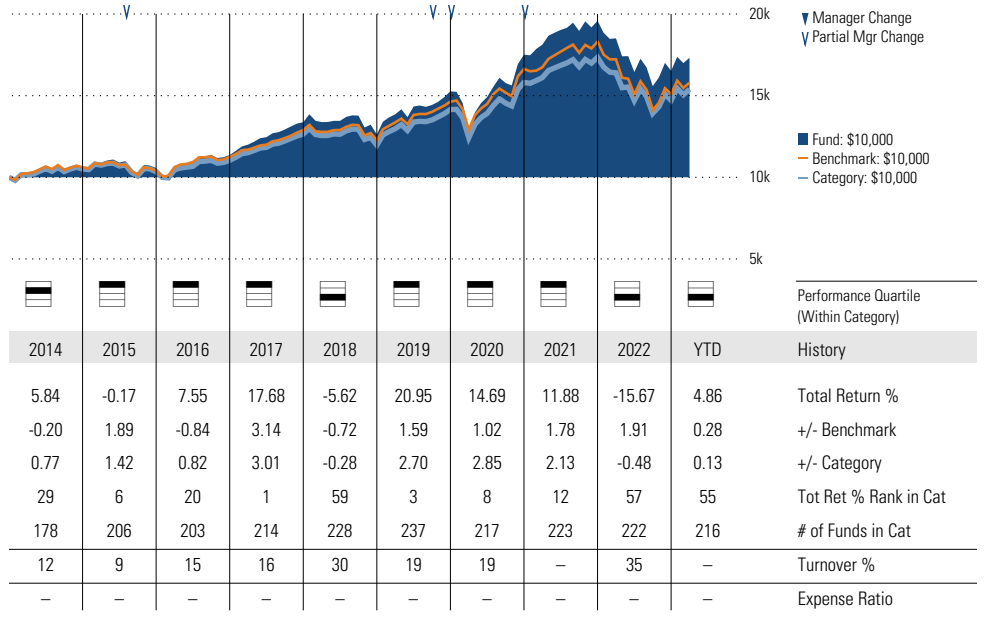
## Morningstar Investment Management LLC Analysis

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.

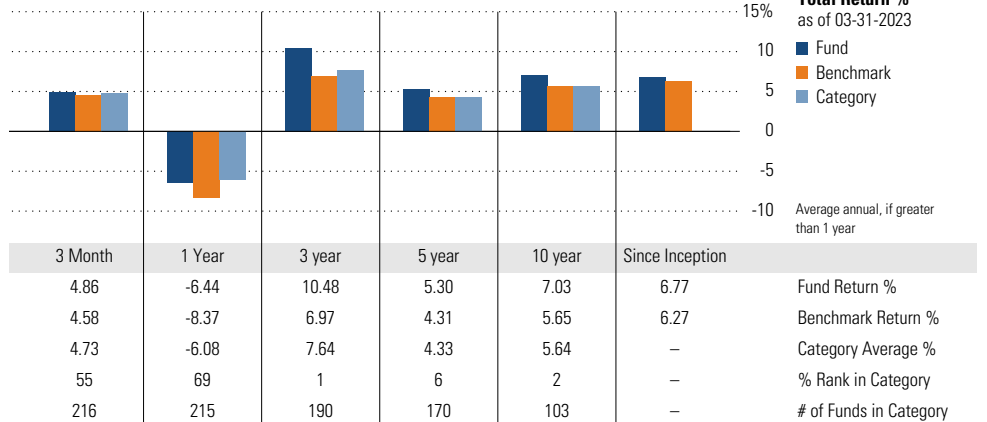
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

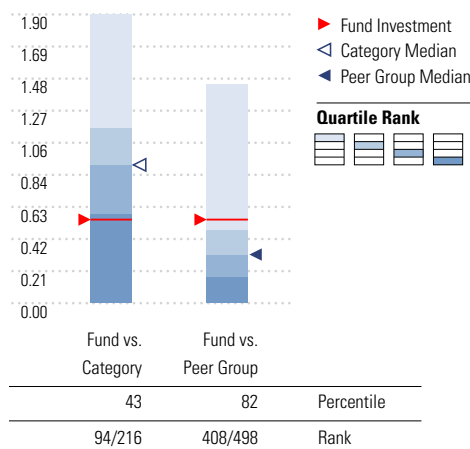
## Growth of \$10,000



## 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	3.39	-	1.28
Beta	0.98	-	0.89
R-Squared	97.02	-	97.60
Standard Deviation	12.90	12.95	11.66
Sharpe Ratio	0.75	0.49	0.58
Tracking Error	2.24	-	2.43
Information Ratio	1.57	-	0.43
Up Capture Ratio	109.55	-	93.63
Down Capture Ratio	91.95	-	86.99

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.40	16.05	16.52
Price/Book Ratio	2.51	2.32	2.43
Avg Eff Duration	6.24	-	6.54

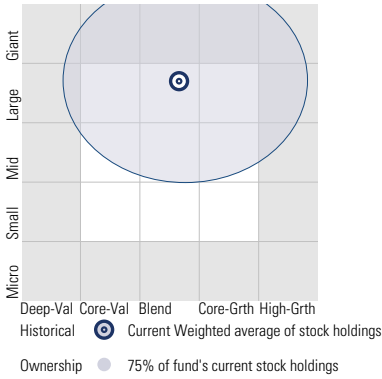
# T. Rowe Price Retirement 2025 TRRHX

**Morningstar Category**  
Target-Date 2025

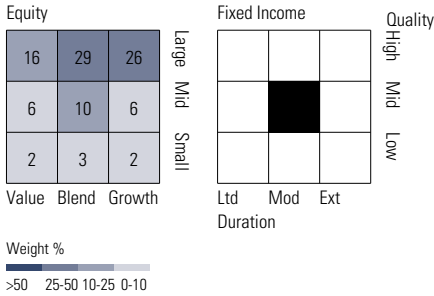
**Morningstar Index**  
Morningstar Lifetime Mod 2025 TR USD

## Style Analysis as of 03-31-2023

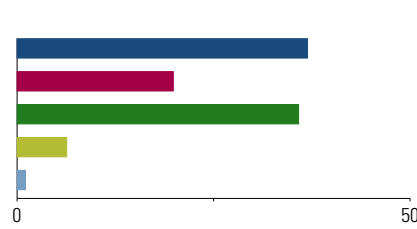
Morningstar Style Box™



## Style Breakdown

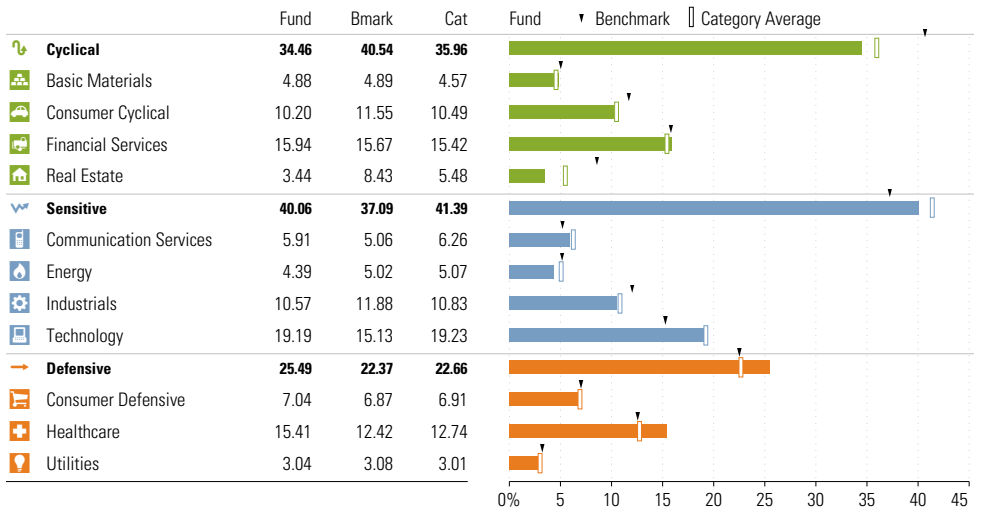


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	36.95	28.92
Non-US Stocks	19.87	15.03
Bonds	35.81	41.64
Cash	6.31	3.72
Other	1.07	10.69
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price New Income Z	—	12.23	12.23	—	—
⊖ T. Rowe Price Growth Stock Z	—	9.73	21.96	—	—
⊖ T. Rowe Price Value Z	—	9.64	31.59	—	—
⊕ T. Rowe Price Ltd Dur Infl Focus Bd Z	—	7.37	38.97	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	6.02	44.99	—	—
⊖ T. Rowe Price Overseas Stock Z	—	5.16	50.15	—	—
⊖ T. Rowe Price International Value Eq Z	—	4.34	54.49	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	—	4.33	58.82	—	—
⊖ T. Rowe Price International Stock Z	—	4.31	63.13	—	—
⊕ T. Rowe Price US Trs Long-Term Idx Z	—	3.57	66.70	—	—

## Total Holdings 31

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement 2030 TRRCX

**Morningstar Category**  
Target-Date 2030

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

## Portfolio Manager(s)

Wyatt Lee since 08-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2030 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 7.67 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 0.58 is 14.71% lower than the Target-Date 2030 category average.

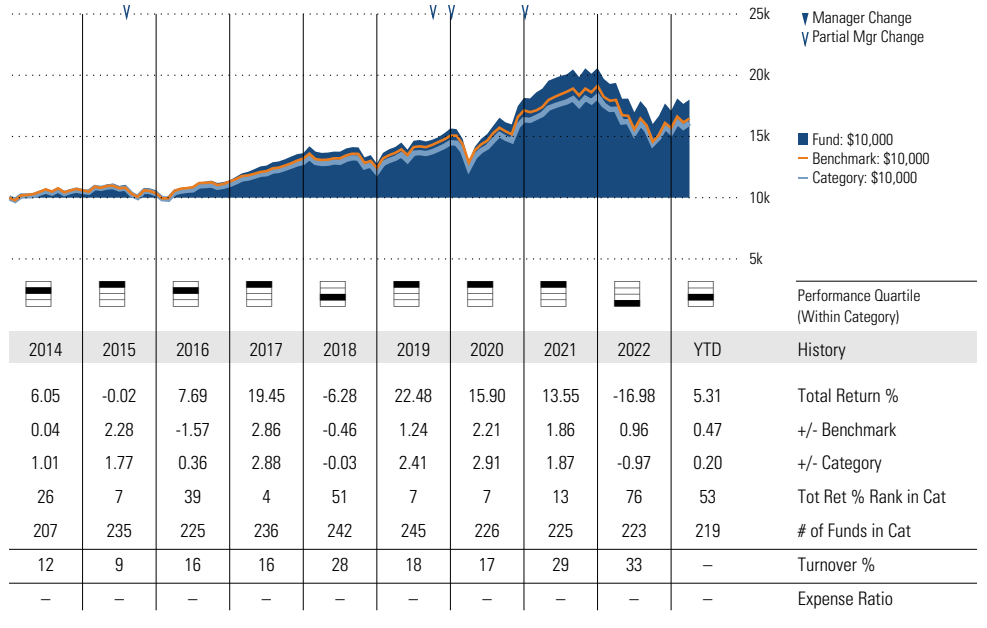
## Morningstar Investment Management LLC Analysis

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.

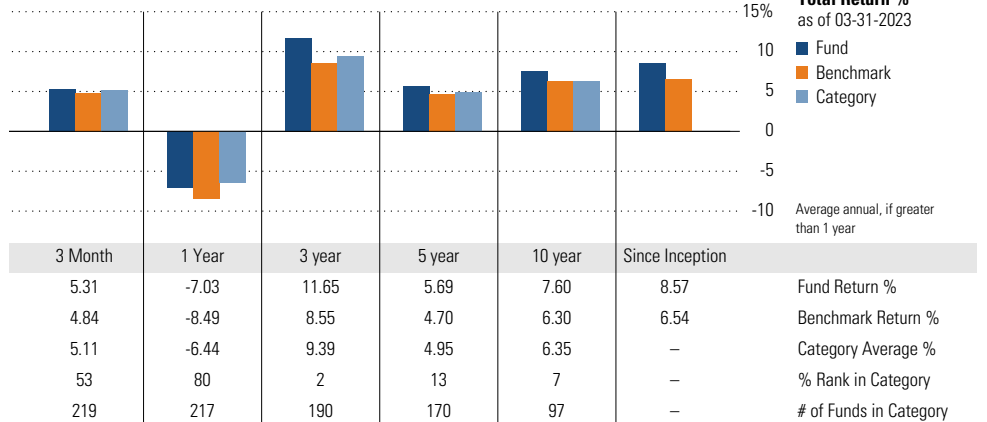
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

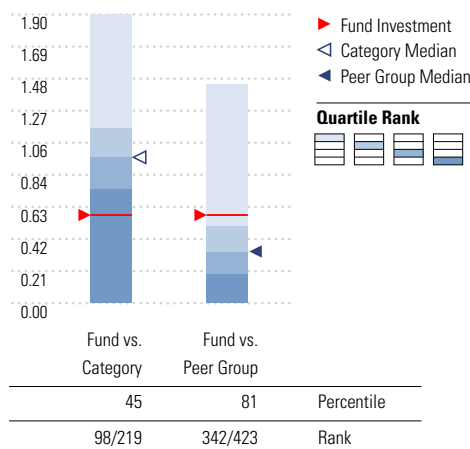
## Growth of \$10,000



## 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	2.81	-	1.30
Beta	1.01	-	0.93
R-Squared	97.79	-	98.22
Standard Deviation	14.30	14.06	13.16
Sharpe Ratio	0.76	0.57	0.65
Tracking Error	2.13	-	2.16
Information Ratio	1.46	-	0.51
Up Capture Ratio	109.31	-	97.20
Down Capture Ratio	96.12	-	91.19

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.40	15.88	16.58
Price/Book Ratio	2.51	2.29	2.50
Avg Eff Duration	7.03	-	7.02

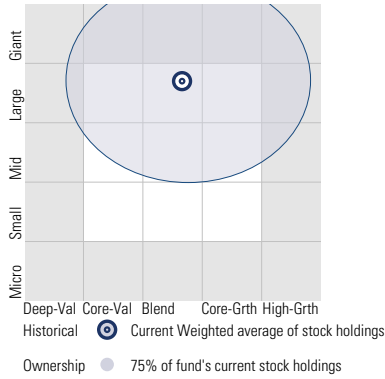
# T. Rowe Price Retirement 2030 TRRCX

**Morningstar Category**  
Target-Date 2030

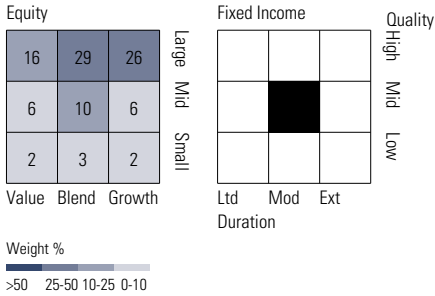
**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

## Style Analysis as of 03-31-2023

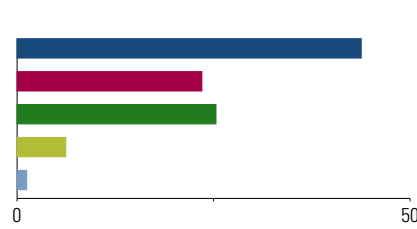
Morningstar Style Box™



## Style Breakdown

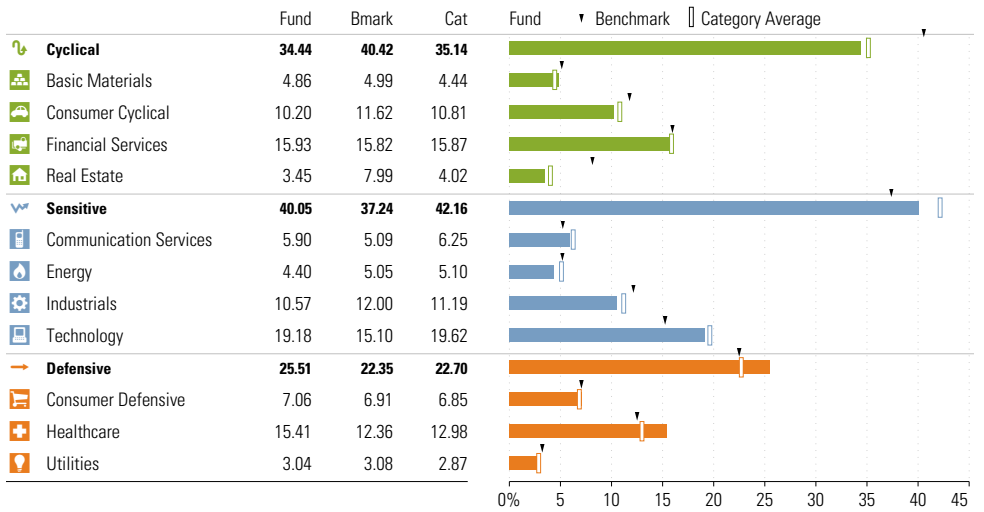


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	43.78	35.25
Non-US Stocks	23.51	17.18
Bonds	25.30	31.79
Cash	6.19	2.12
Other	1.22	13.66
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	-	11.50	11.50	-	-
⊖ T. Rowe Price Value Z	-	11.38	22.88	-	-
⊕ T. Rowe Price New Income Z	-	9.77	32.64	-	-
⊖ T. Rowe Price Equity Index 500 Z	-	7.19	39.84	-	-
⊖ T. Rowe Price Overseas Stock Z	-	6.10	45.94	-	-
⊖ T. Rowe Price International Value Eq Z	-	5.16	51.09	-	-
⊖ T. Rowe Price International Stock Z	-	5.12	56.21	-	-
⊕ T. Rowe Price US Large-Cap Core Z	-	3.80	60.01	-	-
⊕ T. Rowe Price US Trs Long-Term Idx Z	-	3.61	63.62	-	-
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	-	3.46	67.08	-	-

## Total Holdings 31

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# T. Rowe Price Retirement 2035 TRRJX

**Morningstar Category**  
Target-Date 2035

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

## Portfolio Manager(s)

Wyatt Lee since 08-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2035 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 7.67 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 0.59 is 13.24% lower than the Target-Date 2035 category average.

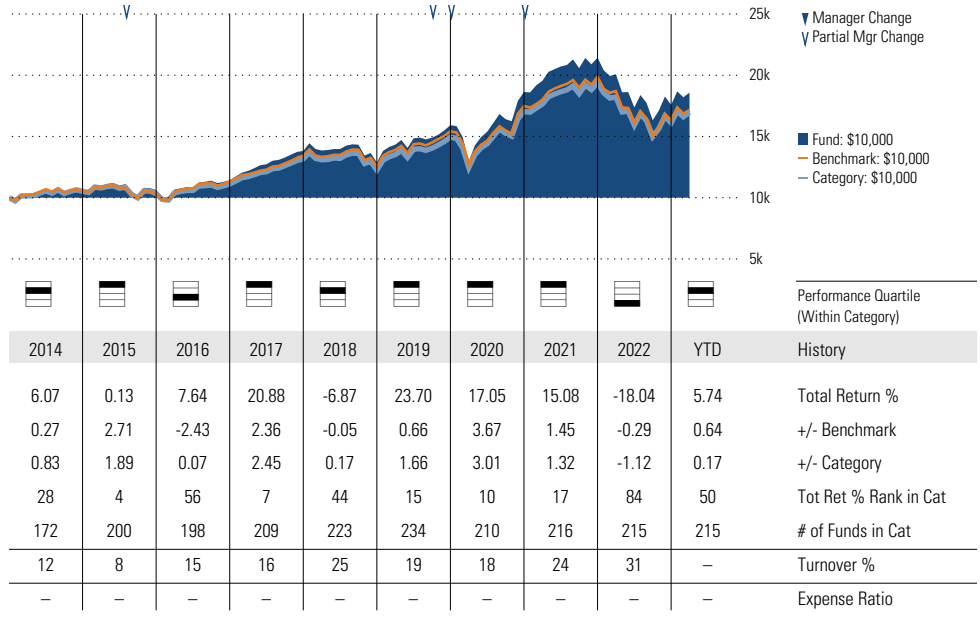
## Morningstar Investment Management LLC Analysis

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.

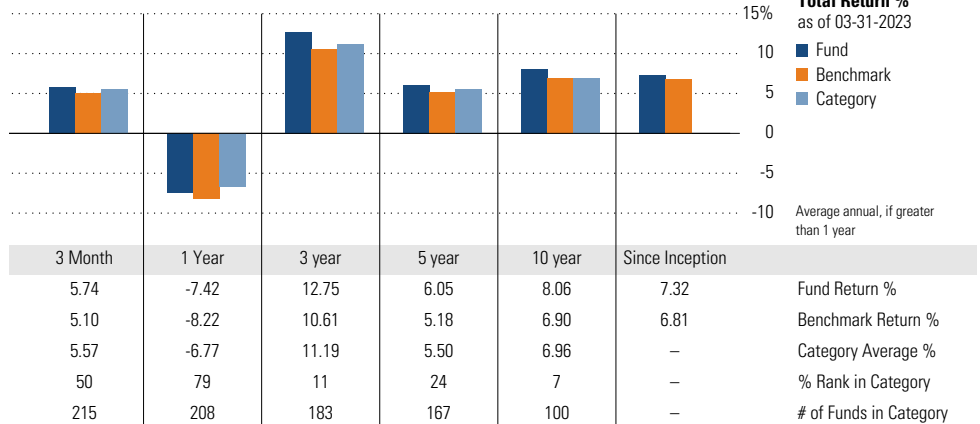
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

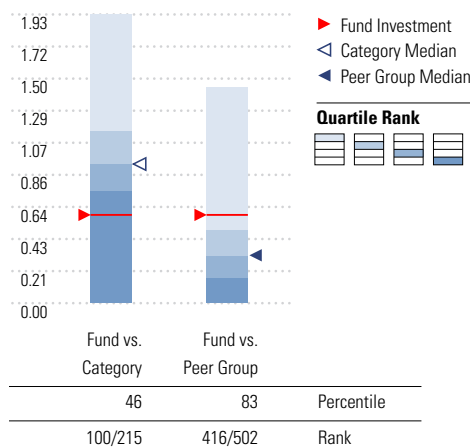
## Growth of \$10,000



## 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	1.80	-	0.99
Beta	1.02	-	0.96
R-Squared	98.49	-	98.49
Standard Deviation	15.56	15.20	14.72
Sharpe Ratio	0.77	0.66	0.72
Tracking Error	1.93	-	2.03
Information Ratio	1.11	-	0.46
Up Capture Ratio	106.85	-	99.57
Down Capture Ratio	99.35	-	95.72

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.39	15.72	16.40
Price/Book Ratio	2.51	2.26	2.44
Avg Eff Duration	7.94	-	7.46

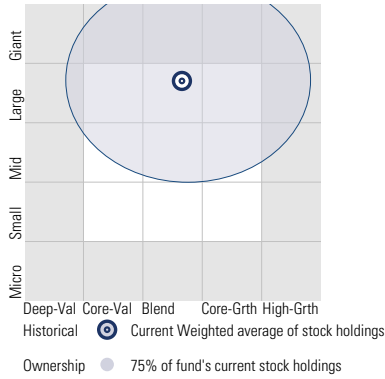
# T. Rowe Price Retirement 2035 TRRJX

**Morningstar Category**  
Target-Date 2035

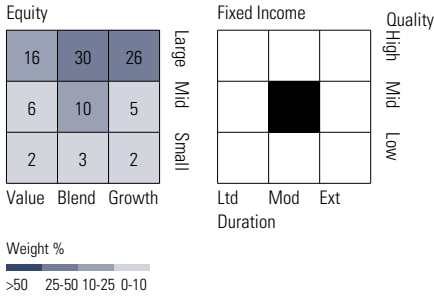
**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

## Style Analysis as of 03-31-2023

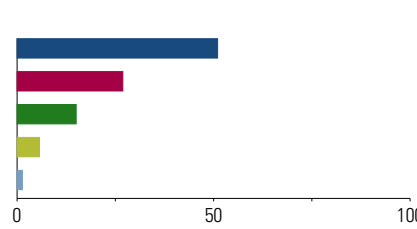
Morningstar Style Box™



## Style Breakdown

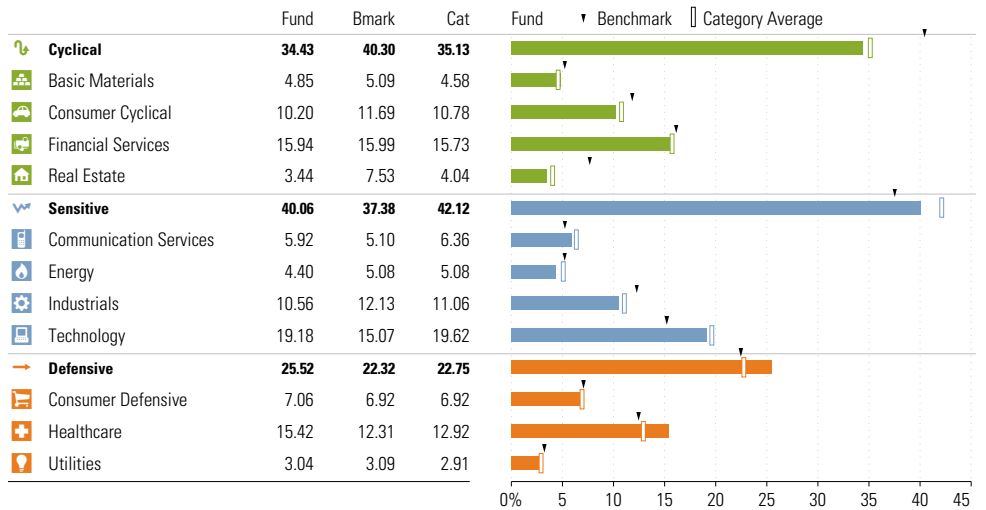


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	51.02	41.92
Non-US Stocks	26.90	22.09
Bonds	15.03	21.62
Cash	5.70	2.47
Other	1.35	11.90
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	-	13.15	13.15	-	-
⊖ T. Rowe Price Value Z	-	13.01	26.16	-	-
⊕ T. Rowe Price Equity Index 500 Z	-	8.39	34.55	-	-
⊖ T. Rowe Price Overseas Stock Z	-	6.96	41.51	-	-
⊕ T. Rowe Price New Income Z	-	6.35	47.86	-	-
⊖ T. Rowe Price International Value Eq Z	-	5.98	53.84	-	-
⊖ T. Rowe Price International Stock Z	-	5.82	59.66	-	-
⊕ T. Rowe Price US Large-Cap Core Z	-	4.39	64.05	-	-
⊖ T. Rowe Price Real Assets Z	-	3.86	67.91	-	-
⊖ T. Rowe Price US Treasury Money Z	-	3.34	71.26	-	-

## Total Holdings 31

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement 2040 TRRD

**Morningstar Category**  
Target-Date 2040

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

## Portfolio Manager(s)

Wyatt Lee since 08-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2040 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 7.67 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 0.6 is 14.29% lower than the Target-Date 2040 category average.

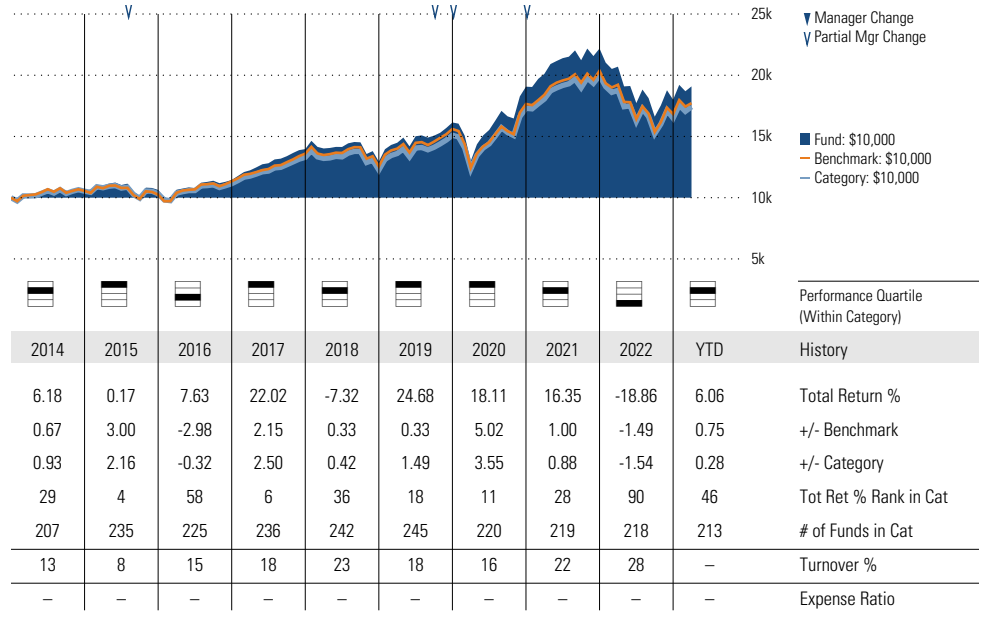
## Morningstar Investment Management LLC Analysis

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.

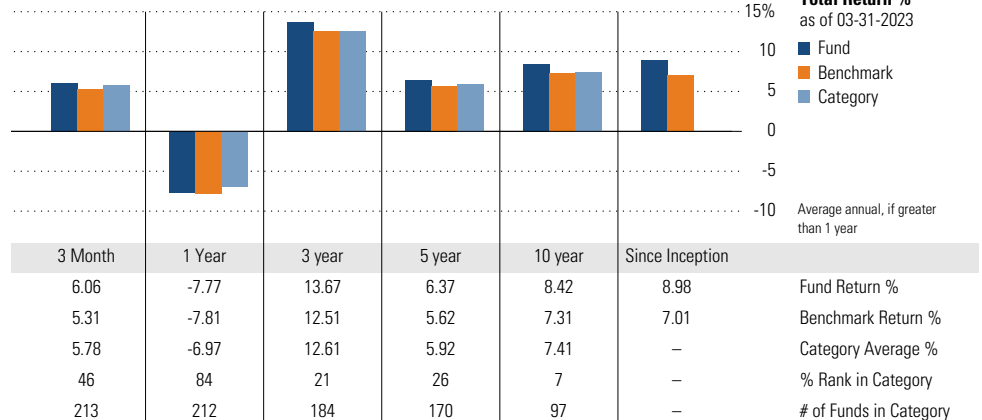
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

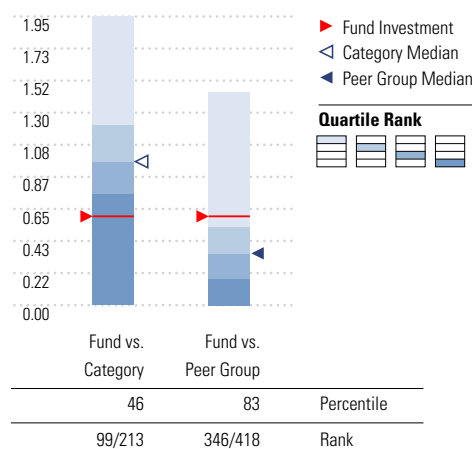
## Growth of \$10,000



## 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	0.88	-	0.47
Beta	1.02	-	0.98
R-Squared	98.69	-	98.52
Standard Deviation	16.59	16.22	15.95
Sharpe Ratio	0.78	0.74	0.76
Tracking Error	1.92	-	2.10
Information Ratio	0.60	-	0.21
Up Capture Ratio	104.82	-	100.08
Down Capture Ratio	101.97	-	99.00

## Portfolio Metrics

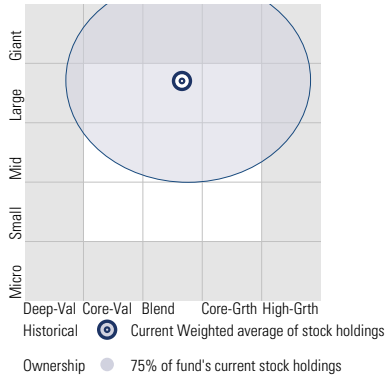
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.40	15.56	16.35
Price/Book Ratio	2.51	2.24	2.43
Avg Eff Duration	8.25	-	7.96

# T. Rowe Price Retirement 2040 TRRDXX

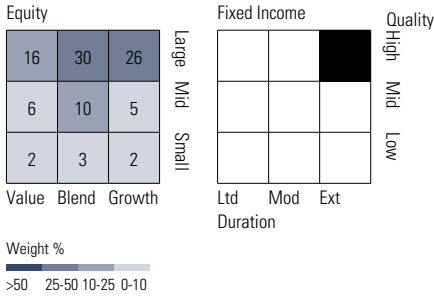
**Morningstar Category**  
Target-Date 2040

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

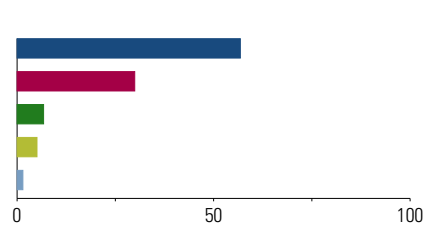
**Style Analysis** as of 03-31-2023  
Morningstar Style Box™



**Style Breakdown**

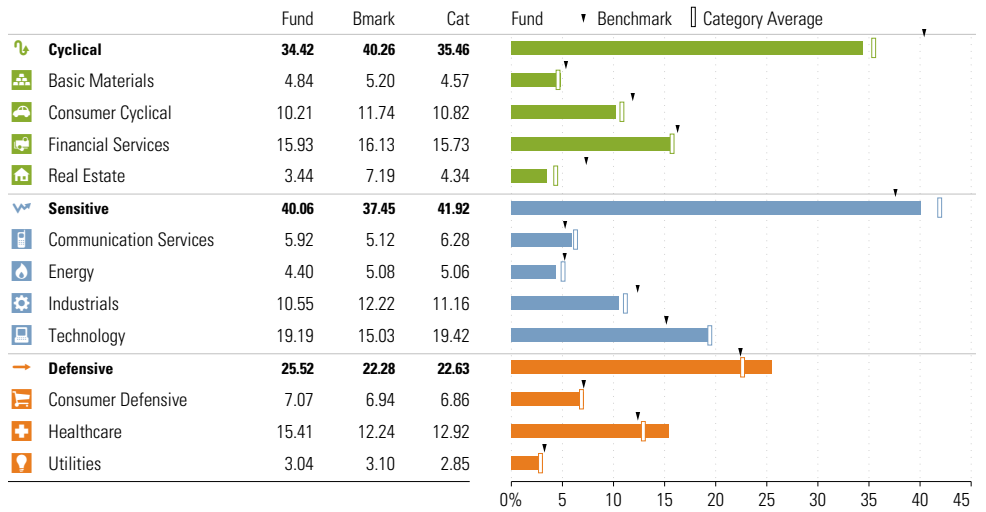


**Asset Allocation** as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	56.80	48.64
Non-US Stocks	29.93	25.85
Bonds	6.74	13.38
Cash	5.06	1.87
Other	1.47	10.26
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 03-31-2023



**Top 10 Holdings** as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	-	14.60	14.60	-	-
⊖ T. Rowe Price Value Z	-	14.46	29.06	-	-
⊖ T. Rowe Price Equity Index 500 Z	-	9.24	38.30	-	-
⊖ T. Rowe Price Overseas Stock Z	-	7.72	46.02	-	-
⊖ T. Rowe Price International Value Eq Z	-	6.63	52.65	-	-
⊖ T. Rowe Price International Stock Z	-	6.50	59.15	-	-
⊕ T. Rowe Price US Large-Cap Core Z	-	4.91	64.07	-	-
⊖ T. Rowe Price Real Assets Z	-	4.31	68.38	-	-
⊖ T. Rowe Price Mid-Cap Growth Z	-	3.58	71.96	-	-
⊖ T. Rowe Price U.S. Equity Research Z	-	3.31	75.26	-	-

**Total Holdings** 31

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement 2045 TRRKX

**Morningstar Category**  
Target-Date 2045

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

## Portfolio Manager(s)

Wyatt Lee since 08-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2045 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 7.67 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 0.62 is 11.43% lower than the Target-Date 2045 category average.

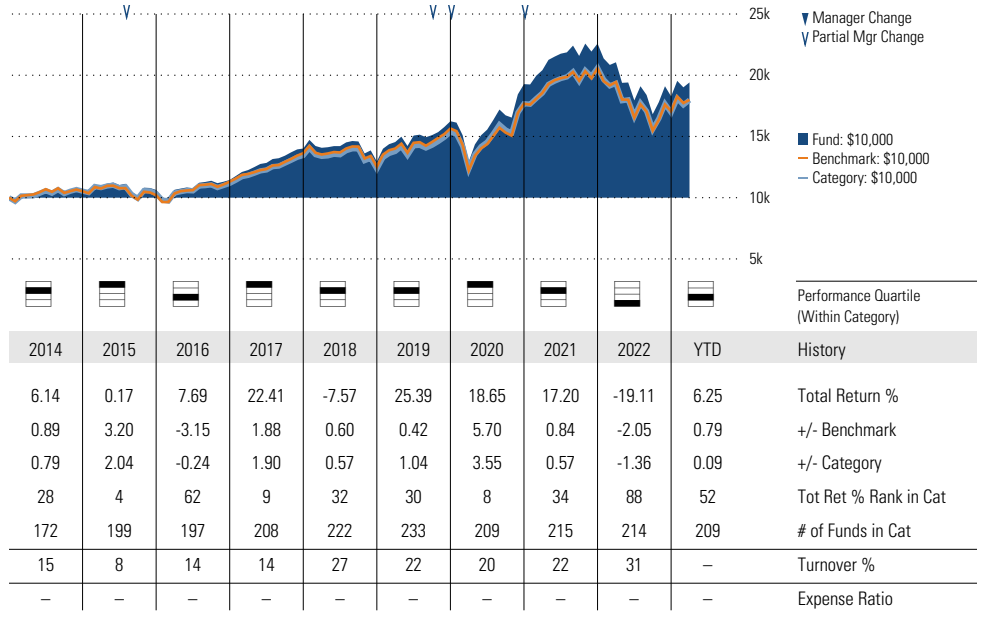
## Morningstar Investment Management LLC Analysis

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.

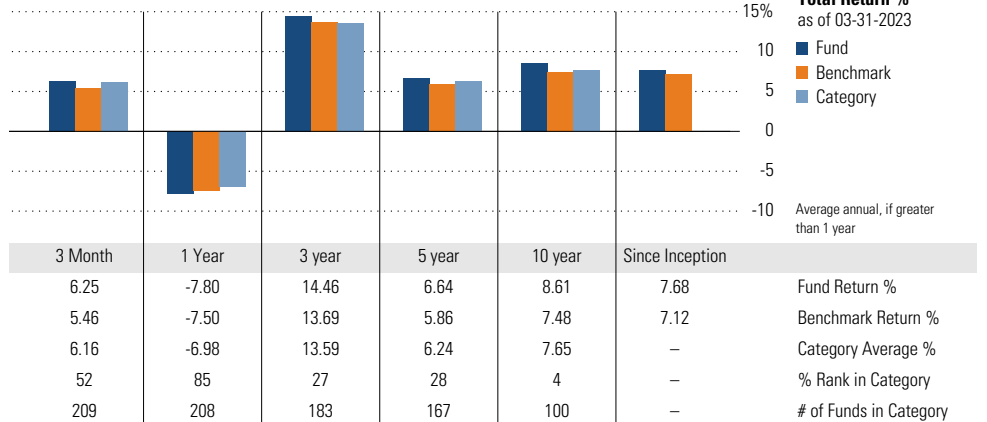
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

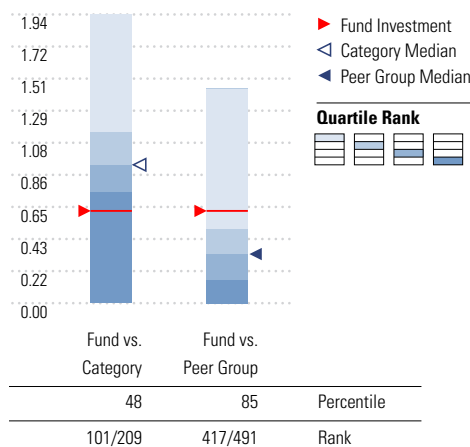
## Growth of \$10,000



## 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	0.57	-	0.19
Beta	1.01	-	0.98
R-Squared	98.66	-	98.45
Standard Deviation	17.19	16.87	16.74
Sharpe Ratio	0.80	0.78	0.78
Tracking Error	2.00	-	2.16
Information Ratio	0.39	-	0.08
Up Capture Ratio	103.85	-	100.55
Down Capture Ratio	102.59	-	100.96

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.40	15.42	16.33
Price/Book Ratio	2.51	2.21	2.41
Avg Eff Duration	8.57	-	8.71

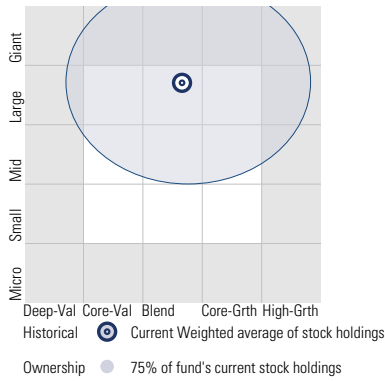
# T. Rowe Price Retirement 2045 TRRKX

**Morningstar Category**  
Target-Date 2045

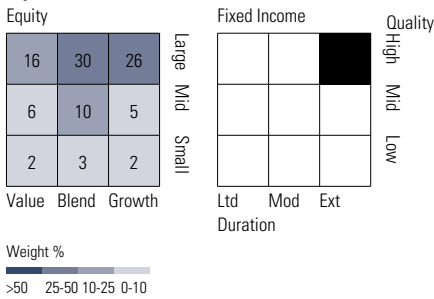
**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Style Analysis as of 03-31-2023

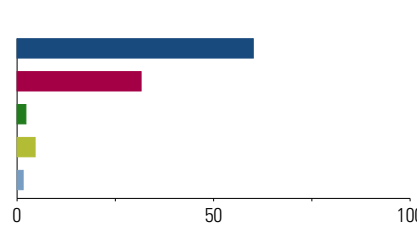
Morningstar Style Box™



## Style Breakdown

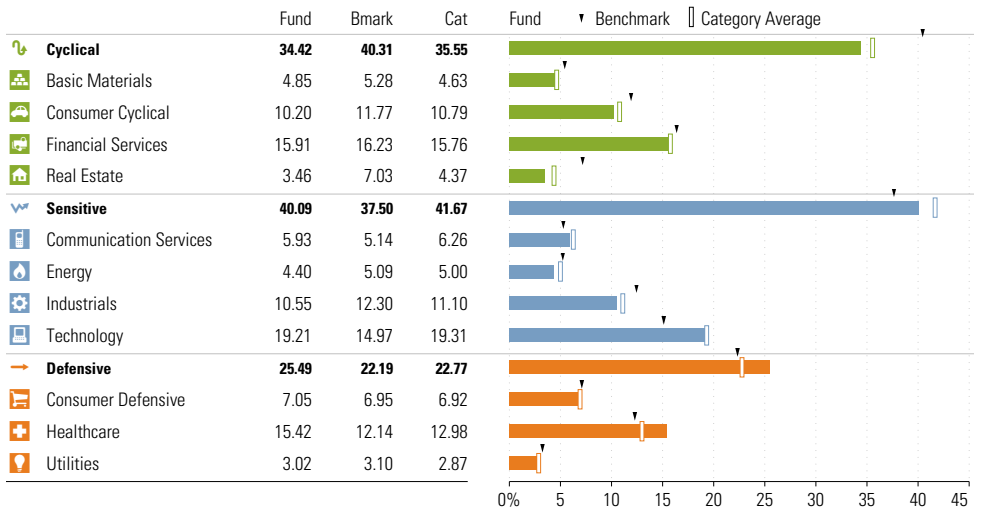


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	60.09	51.55
Non-US Stocks	31.55	28.06
Bonds	2.24	7.32
Cash	4.58	2.02
Other	1.54	11.05
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock Z	—	15.49	15.49	—	—
⊖ T. Rowe Price Value Z	—	15.20	30.68	—	—
⊕ T. Rowe Price Equity Index 500 Z	—	9.92	40.60	—	—
⊖ T. Rowe Price Overseas Stock Z	—	8.12	48.72	—	—
⊖ T. Rowe Price International Value Eq Z	—	7.04	55.77	—	—
⊖ T. Rowe Price International Stock Z	—	6.83	62.60	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	5.20	67.80	—	—
⊕ T. Rowe Price Real Assets Z	—	4.60	72.40	—	—
⊖ T. Rowe Price Mid-Cap Growth Z	—	3.70	76.10	—	—
⊕ T. Rowe Price U.S. Equity Research Z	—	3.49	79.59	—	—

## Total Holdings 28

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement 2050 TRRMX

**Morningstar Category**  
Target-Date 2050

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

## Portfolio Manager(s)

Wyatt Lee since 08-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2050 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 7.67 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 0.63 is 11.27% lower than the Target-Date 2050 category average.

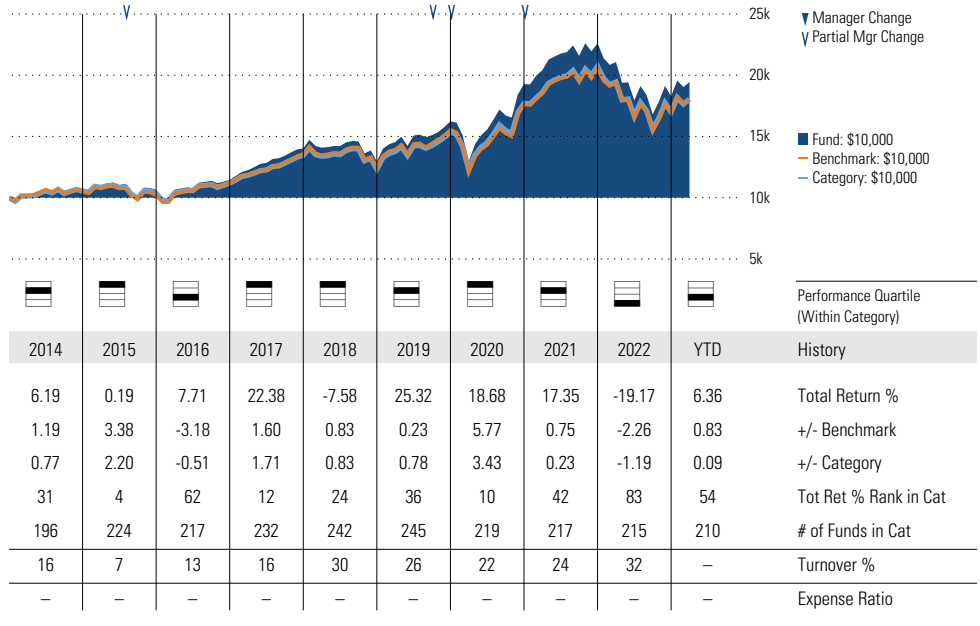
## Morningstar Investment Management LLC Analysis

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.

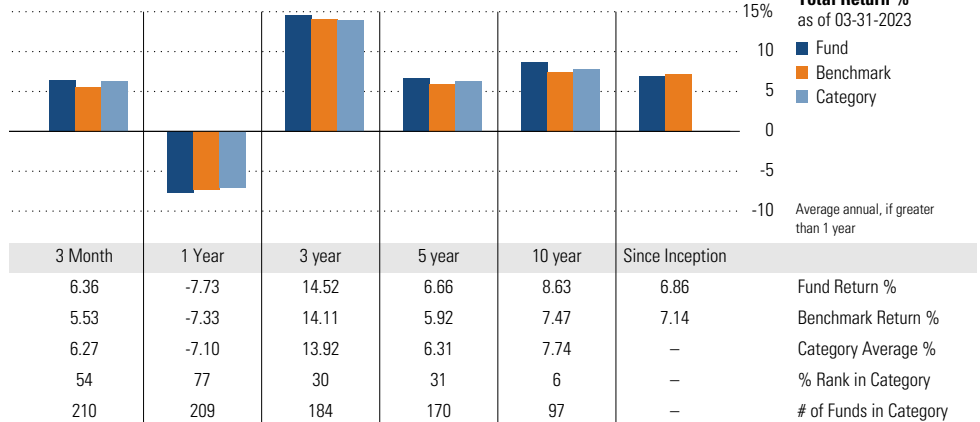
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

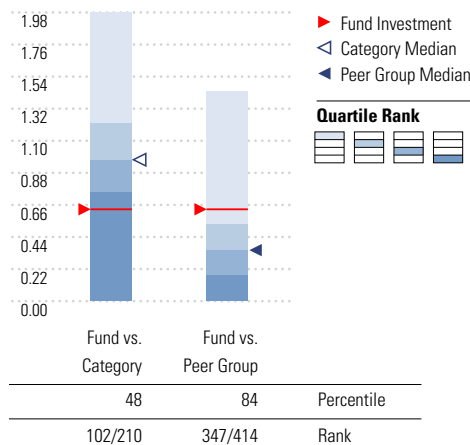
## Growth of \$10,000



## 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	0.35	-	0.02
Beta	1.00	-	0.99
R-Squared	98.55	-	98.37
Standard Deviation	17.30	17.13	17.11
Sharpe Ratio	0.80	0.79	0.78
Tracking Error	2.08	-	2.21
Information Ratio	0.20	-	0.00
Up Capture Ratio	102.77	-	101.09
Down Capture Ratio	102.66	-	102.43

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.42	15.30	16.35
Price/Book Ratio	2.51	2.19	2.41
Avg Eff Duration	6.98	-	8.79

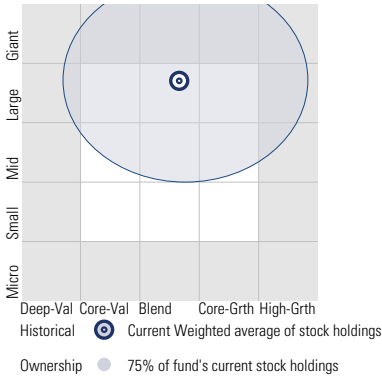
# T. Rowe Price Retirement 2050 TRRMX

**Morningstar Category**  
Target-Date 2050

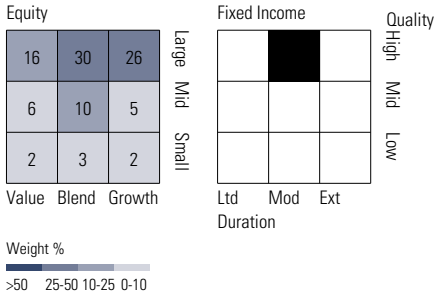
**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

## Style Analysis as of 03-31-2023

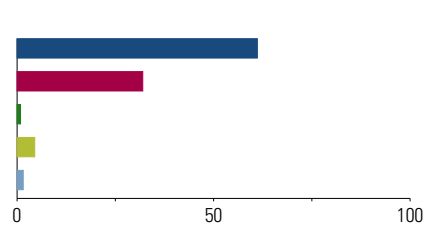
Morningstar Style Box™



## Style Breakdown

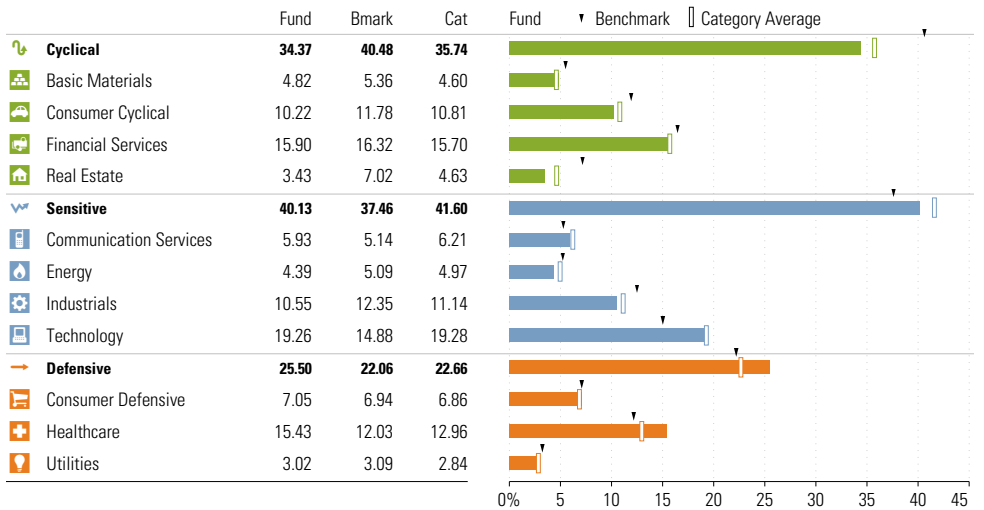


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	61.13	54.30
Non-US Stocks	31.97	28.81
Bonds	0.87	5.14
Cash	4.48	1.80
Other	1.56	9.94
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock Z	—	15.83	15.83	—	—
⊖ T. Rowe Price Value Z	—	15.44	31.26	—	—
⊕ T. Rowe Price Equity Index 500 Z	—	10.04	41.31	—	—
⊖ T. Rowe Price Overseas Stock Z	—	8.21	49.52	—	—
⊖ T. Rowe Price International Value Eq Z	—	7.14	56.66	—	—
⊖ T. Rowe Price International Stock Z	—	6.96	63.63	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	5.30	68.92	—	—
⊕ T. Rowe Price Real Assets Z	—	4.61	73.53	—	—
⊖ T. Rowe Price Mid-Cap Growth Z	—	3.78	77.31	—	—
⊕ T. Rowe Price U.S. Equity Research Z	—	3.55	80.86	—	—

## Total Holdings 28

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# T. Rowe Price Retirement 2055 TRRNX

**Morningstar Category**  
Target-Date 2055

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

## Portfolio Manager(s)

Wyatt Lee since 08-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2055 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 7.67 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 0.64 is 9.86% lower than the Target-Date 2055 category average.

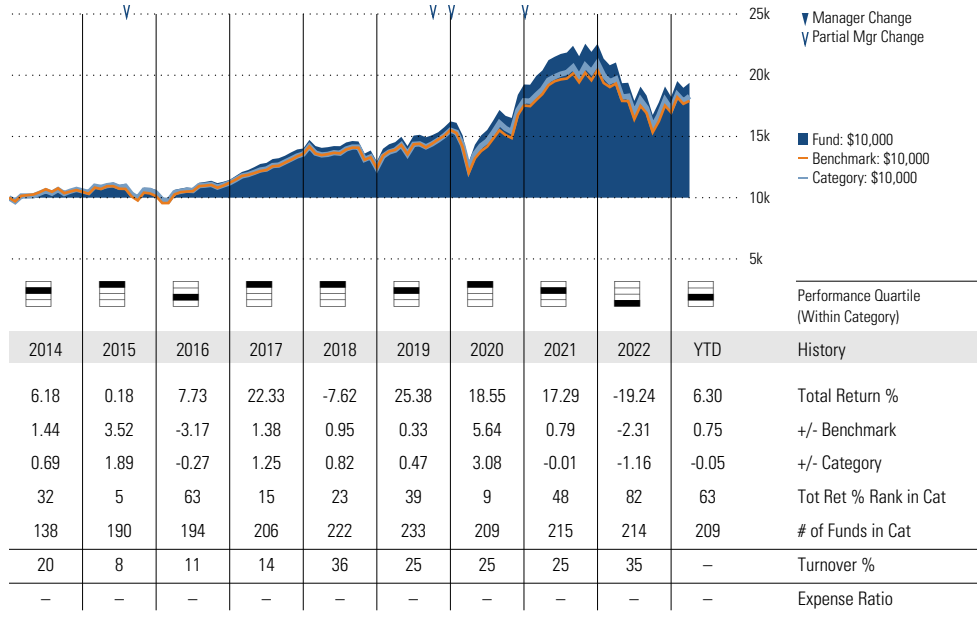
## Morningstar Investment Management LLC Analysis

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.

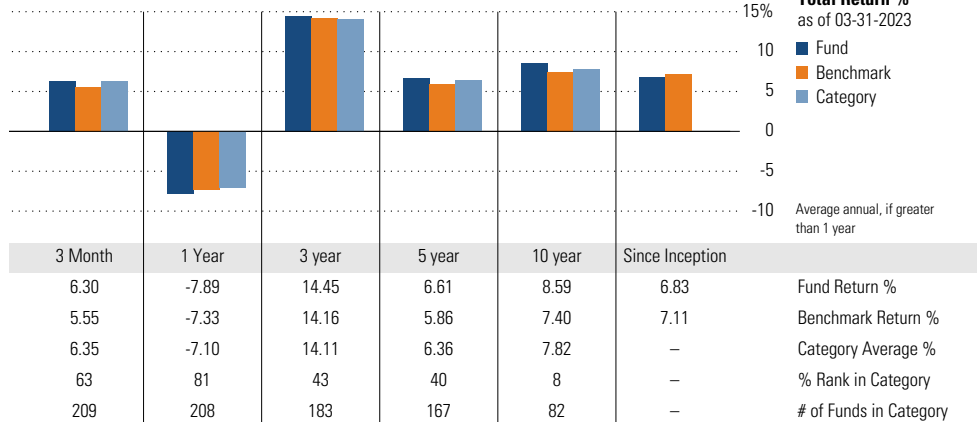
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

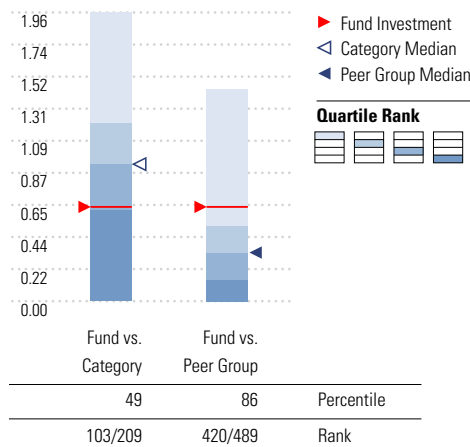
## Growth of \$10,000



## 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	0.27	-	0.06
Beta	1.00	-	0.99
R-Squared	98.51	-	98.30
Standard Deviation	17.34	17.19	17.23
Sharpe Ratio	0.80	0.79	0.78
Tracking Error	2.11	-	2.24
Information Ratio	0.14	-	0.03
Up Capture Ratio	102.57	-	101.66
Down Capture Ratio	102.88	-	102.94

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.40	15.19	16.31
Price/Book Ratio	2.51	2.17	2.40
Avg Eff Duration	7.02	-	9.72

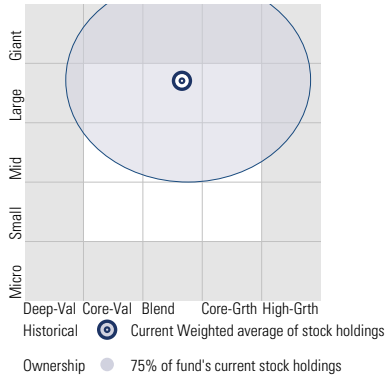
# T. Rowe Price Retirement 2055 TRRNX

**Morningstar Category**  
Target-Date 2055

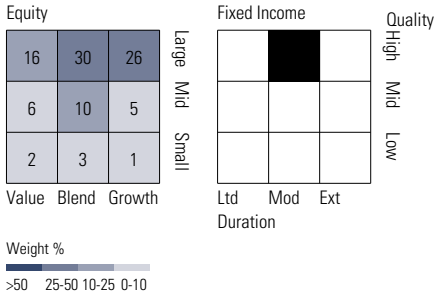
**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR USD

## Style Analysis as of 03-31-2023

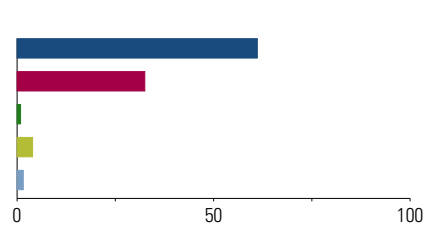
Morningstar Style Box™



## Style Breakdown

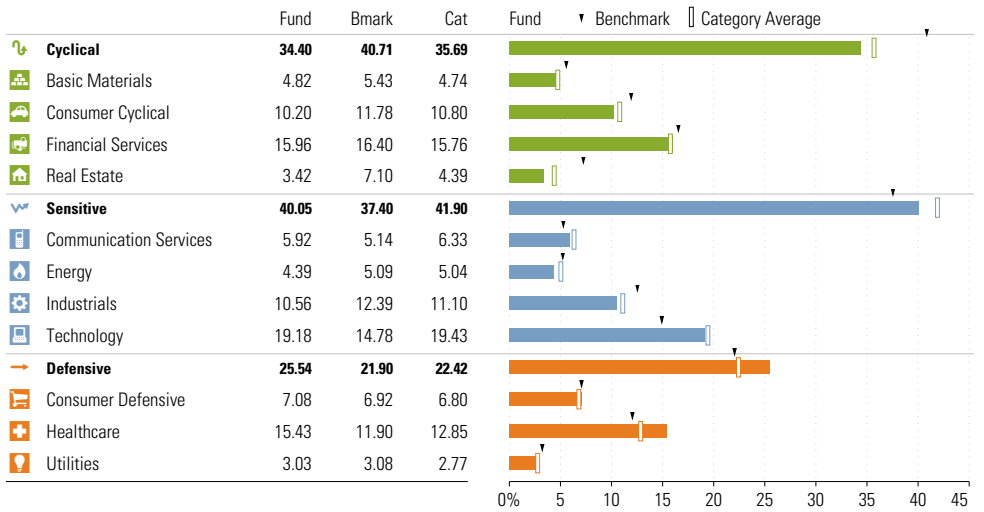


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	61.12	54.19
Non-US Stocks	32.49	30.35
Bonds	0.88	4.83
Cash	3.94	1.50
Other	1.57	9.15
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock Z	-	15.79	15.79	-	-
⊕ T. Rowe Price Value Z	-	15.70	31.49	-	-
⊕ T. Rowe Price Equity Index 500 Z	-	10.04	41.53	-	-
⊕ T. Rowe Price Overseas Stock Z	-	8.41	49.94	-	-
⊖ T. Rowe Price International Value Eq Z	-	7.23	57.17	-	-
⊖ T. Rowe Price International Stock Z	-	7.12	64.28	-	-
⊕ T. Rowe Price US Large-Cap Core Z	-	5.33	69.61	-	-
⊕ T. Rowe Price Real Assets Z	-	4.60	74.21	-	-
⊕ T. Rowe Price Mid-Cap Growth Z	-	3.78	77.99	-	-
⊕ T. Rowe Price U.S. Equity Research Z	-	3.56	81.55	-	-

## Total Holdings 28

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement 2060 TRRLX

**Morningstar Category**  
Target-Date 2060

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

## Portfolio Manager(s)

Wyatt Lee since 08-2015  
Kimberly DeDominicis since 10-2019  
Andrew Jacobs van Merlen since 01-2020

## Quantitative Screens

✔ **Performance:** The fund has finished in the Target-Date 2060 category's top three quartiles in 7 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 7.67 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 0.64 is 9.86% lower than the Target-Date 2060 category average.

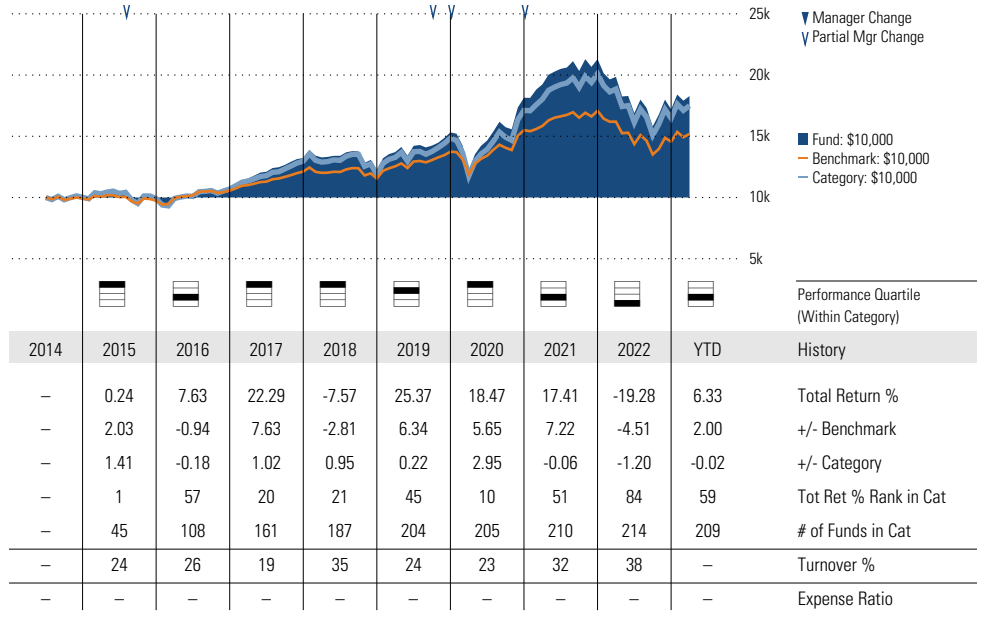
## Morningstar Investment Management LLC Analysis

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.

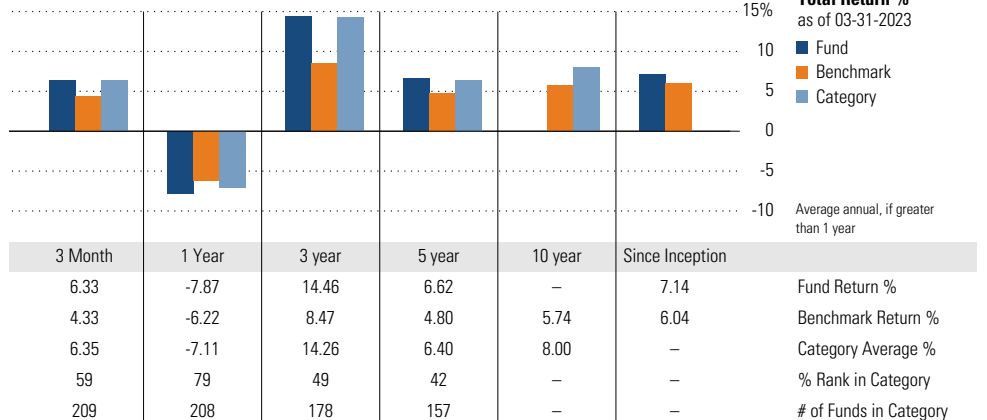
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

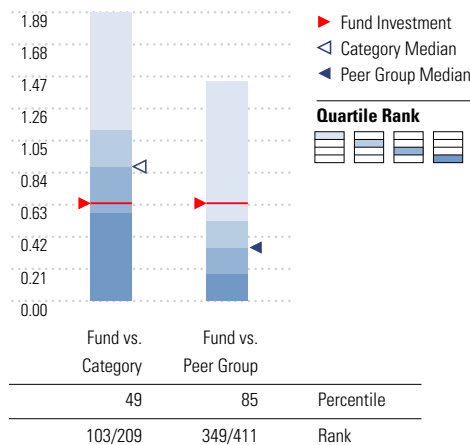
## Growth of \$10,000



## 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	3.06	-	2.85
Beta	1.34	-	1.34
R-Squared	97.18	-	97.48
Standard Deviation	17.34	12.77	17.31
Sharpe Ratio	0.80	0.61	0.79
Tracking Error	5.22	-	5.14
Information Ratio	1.15	-	1.12
Up Capture Ratio	145.63	-	145.42
Down Capture Ratio	131.51	-	132.66

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.40	15.15	16.28
Price/Book Ratio	2.51	2.14	2.39
Avg Eff Duration	6.88	-	8.09

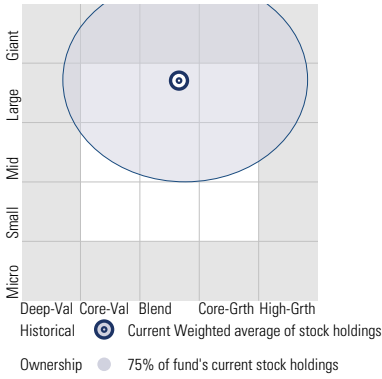
# T. Rowe Price Retirement 2060 TRRLX

**Morningstar Category**  
Target-Date 2060

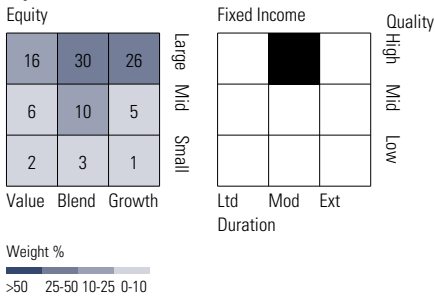
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 03-31-2023

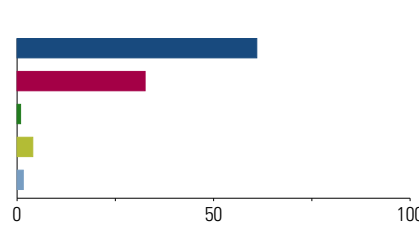
Morningstar Style Box™



## Style Breakdown

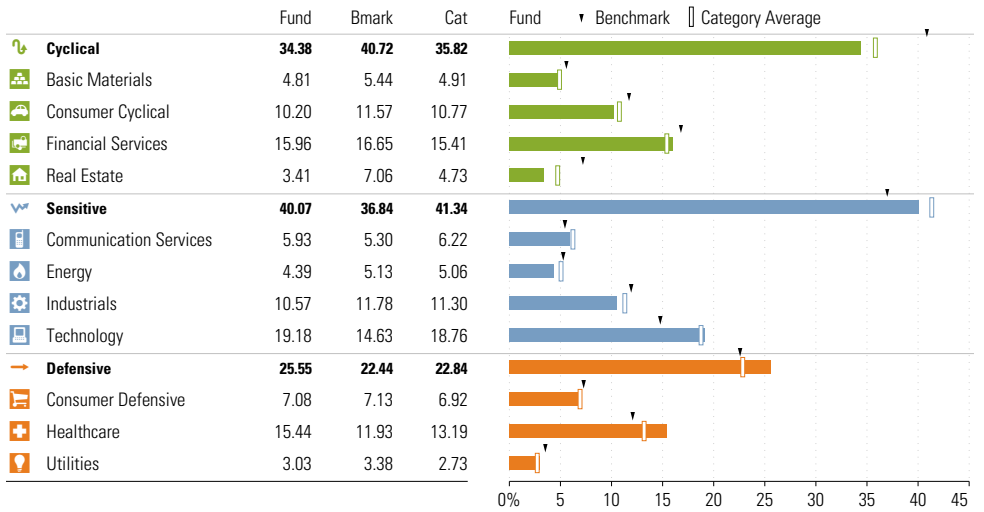


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	60.99	51.71
Non-US Stocks	32.57	32.04
Bonds	0.89	4.58
Cash	3.99	1.92
Other	1.57	9.74
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock Z	—	15.80	15.80	—	—
⊕ T. Rowe Price Value Z	—	15.71	31.51	—	—
⊕ T. Rowe Price Equity Index 500 Z	—	10.05	41.56	—	—
⊕ T. Rowe Price Overseas Stock Z	—	8.40	49.96	—	—
⊖ T. Rowe Price International Value Eq Z	—	7.25	57.21	—	—
⊕ T. Rowe Price International Stock Z	—	7.21	64.42	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	5.32	69.75	—	—
⊕ T. Rowe Price Real Assets Z	—	4.58	74.33	—	—
⊕ T. Rowe Price Mid-Cap Growth Z	—	3.78	78.11	—	—
⊕ T. Rowe Price U.S. Equity Research Z	—	3.58	81.69	—	—

## Total Holdings 28

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# T. Rowe Price Retirement 2065 TRSJX

**Morningstar Category**  
Target-Date 2065+

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

## Portfolio Manager(s)

Kimberly DeDominicis since 10-2020

Wyatt Lee since 10-2020

Andrew Jacobs van Merlen since 10-2020

## Quantitative Screens

The Performance screen is not applicable for funds with less than three years of data.

✗ **Management:** The fund's management team has been in place for less than three 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 0.64 is 8.57% lower than the Target-Date 2065+ category average.

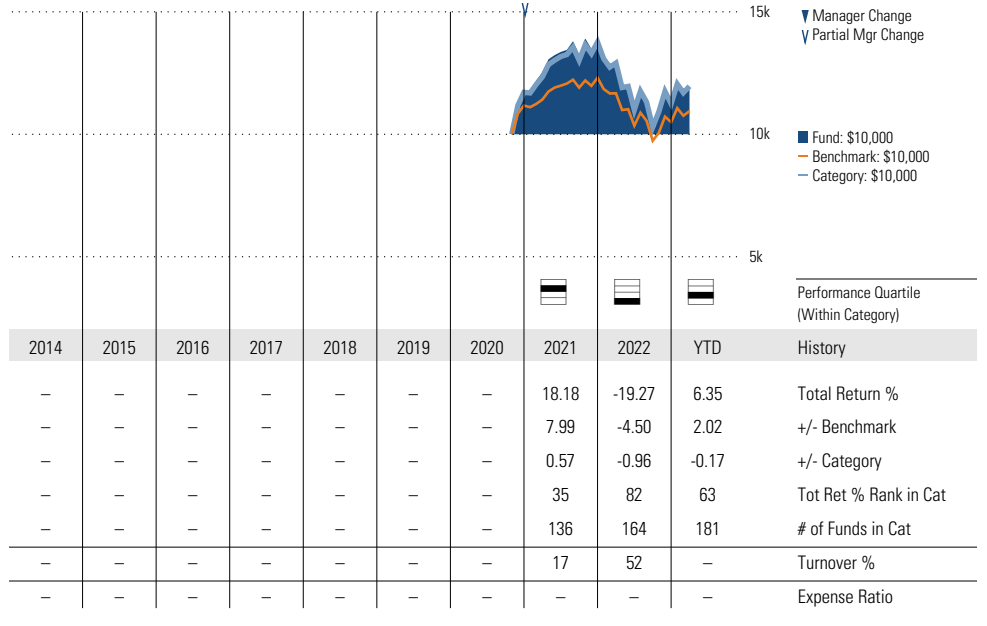
## Morningstar Investment Management LLC Analysis

This fund fails the manager tenure screen due to a limited history for this target-date vintage.

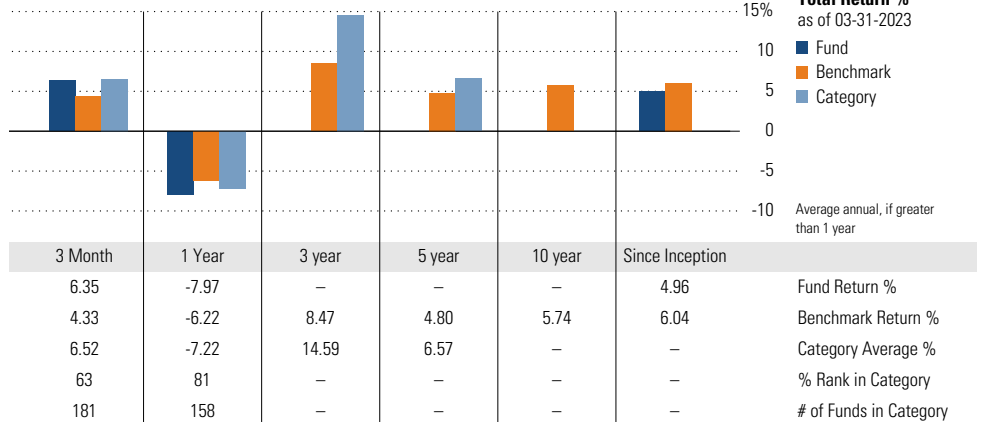
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

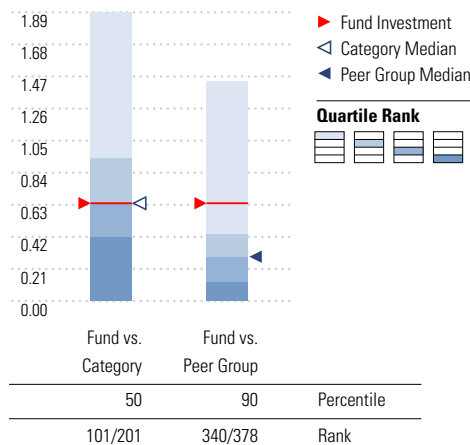
## Growth of \$10,000



## 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	-	-	2.89
Beta	-	-	1.37
R-Squared	-	-	97.82
Standard Deviation	-	12.77	17.66
Sharpe Ratio	-	0.61	0.79
Tracking Error	-	-	5.37
Information Ratio	-	-	1.12
Up Capture Ratio	-	-	148.38
Down Capture Ratio	-	-	135.43

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.37	15.15	15.87
Price/Book Ratio	2.50	2.14	2.32
Avg Eff Duration	7.78	-	8.15

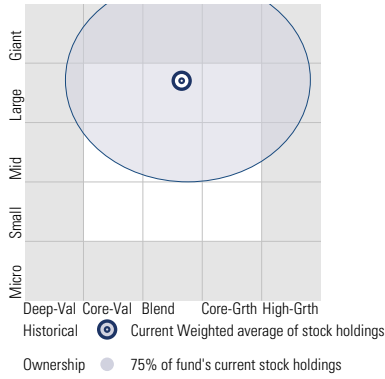
# T. Rowe Price Retirement 2065 TRSJX

**Morningstar Category**  
Target-Date 2065+

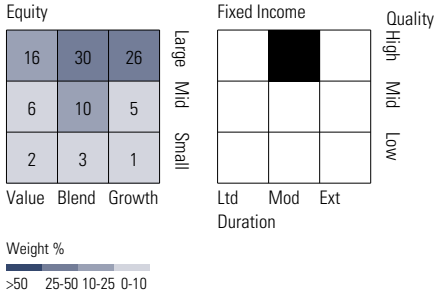
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 03-31-2023

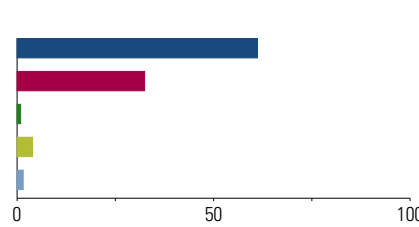
Morningstar Style Box™



## Style Breakdown

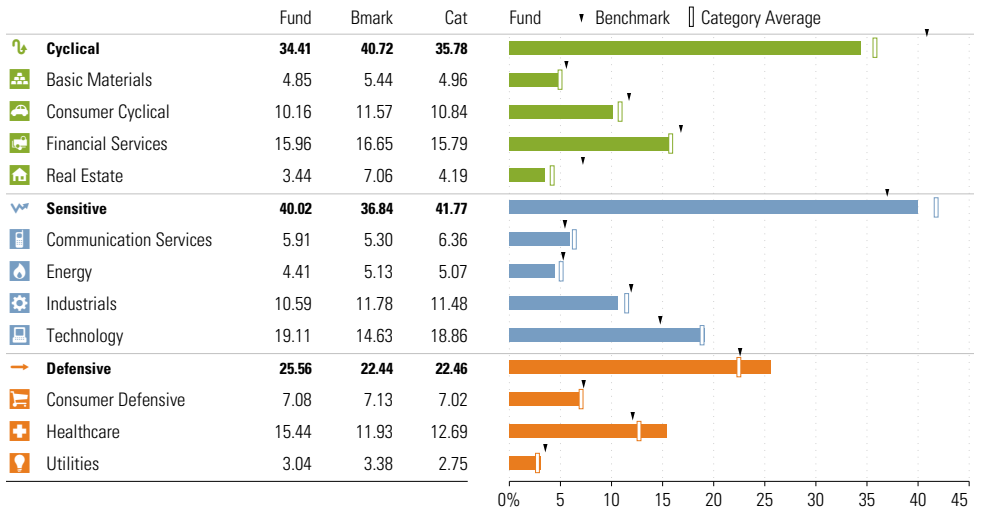


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	61.18	50.44
Non-US Stocks	32.45	32.50
Bonds	0.90	6.79
Cash	3.93	2.29
Other	1.55	7.99
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Value Z	-	15.68	15.68	-	-
⊕ T. Rowe Price Growth Stock Z	-	15.54	31.22	-	-
⊕ T. Rowe Price Equity Index 500 Z	-	10.05	41.28	-	-
⊕ T. Rowe Price Overseas Stock Z	-	8.42	49.70	-	-
⊕ T. Rowe Price International Value Eq Z	-	7.23	56.93	-	-
⊕ T. Rowe Price International Stock Z	-	7.13	64.06	-	-
⊕ T. Rowe Price US Large-Cap Core Z	-	5.32	69.38	-	-
⊕ T. Rowe Price Real Assets Z	-	4.63	74.00	-	-
⊕ T. Rowe Price Mid-Cap Growth Z	-	3.82	77.82	-	-
⊕ T. Rowe Price U.S. Equity Research Z	-	3.56	81.38	-	-

## Total Holdings 24

⊕ 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 6.93 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 94.74% lower than the Large Blend category average.

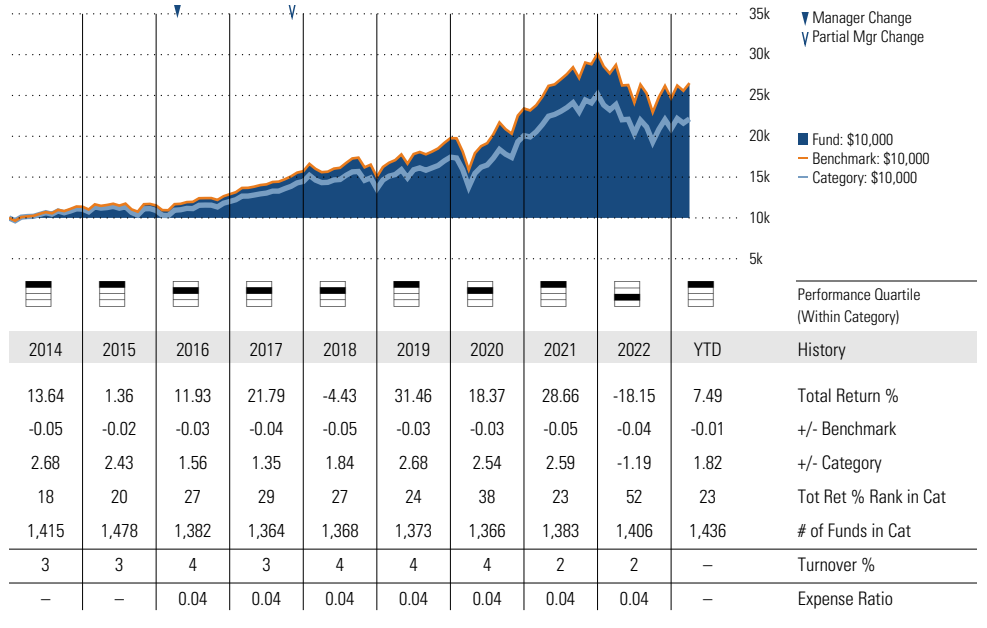
## Morningstar Investment Management LLC Analysis

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.

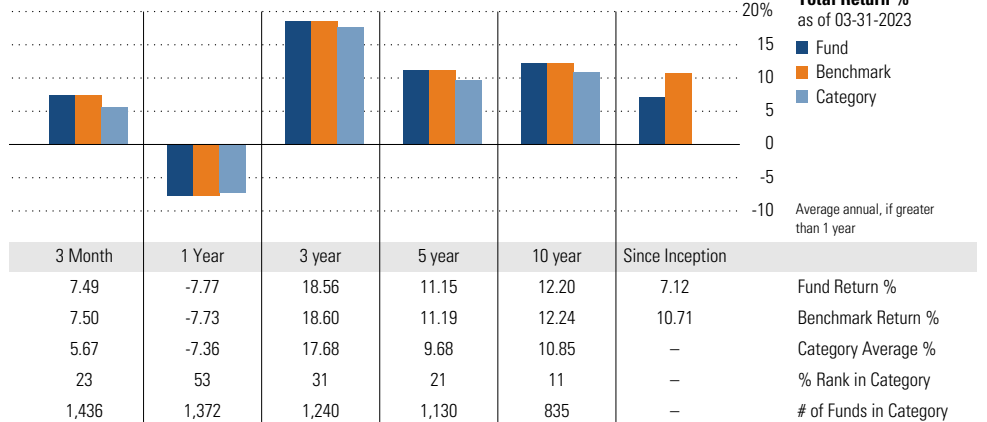
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

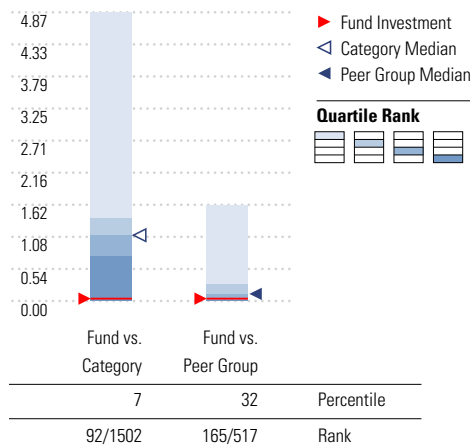
## Growth of \$10,000



## 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	-	-0.27
Beta	1.00	-	0.94
R-Squared	100.00	-	94.87
Standard Deviation	19.23	19.23	18.62
Sharpe Ratio	0.92	0.92	0.88
Tracking Error	0.01	-	3.97
Information Ratio	-4.38	-	-1.04
Up Capture Ratio	99.95	-	93.75
Down Capture Ratio	100.07	-	94.82

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	20.63	19.90	18.81
Price/Book Ratio	3.78	3.64	3.46
Geom Avg Mkt Cap \$B	188.91	170.30	224.69
ROE	29.80	29.71	27.68

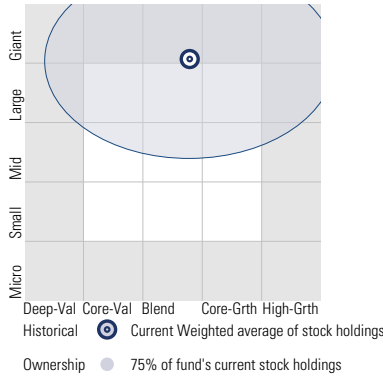
# Vanguard 500 Index Admiral VFIAX

Morningstar Category  
Large Blend

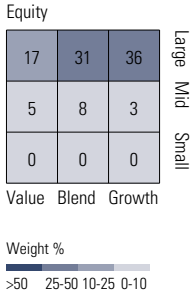
Morningstar Index  
S&P 500 TR USD

## Style Analysis as of 03-31-2023

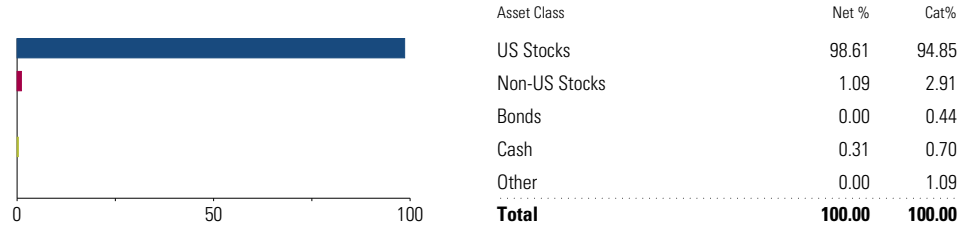
Morningstar Style Box™



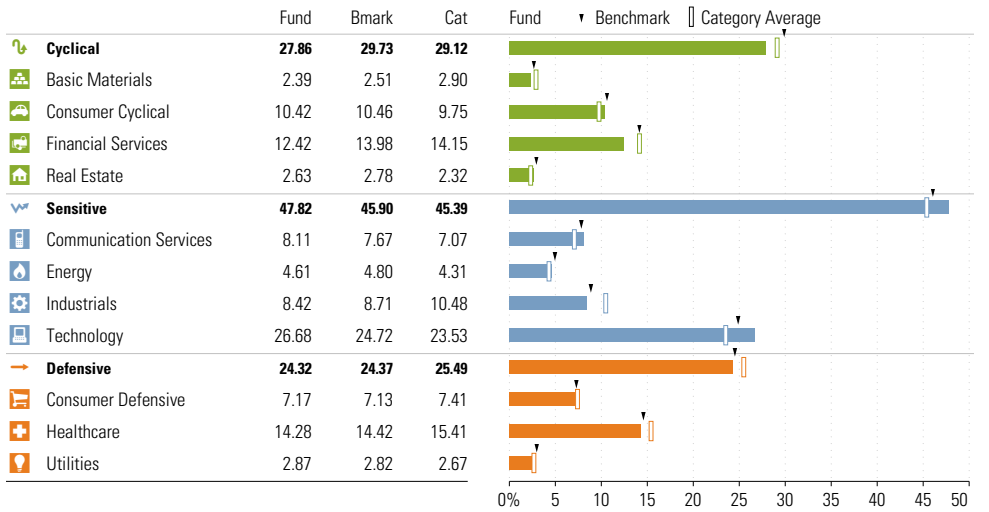
## Style Breakdown



## Asset Allocation as of 03-31-2023



## Sector Weighting as of 03-31-2023



## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	7.12	7.12	27.09	Technology
Microsoft Corp	6.23	13.36	20.50	Technology
Amazon.com Inc	2.68	16.03	22.96	Consumer Cyclical
NVIDIA Corp	1.99	18.02	90.10	Technology
Alphabet Inc Class A	1.79	19.81	17.57	Communication Svc
Tesla Inc	1.62	21.43	68.42	Consumer Cyclical
Berkshire Hathaway Inc Class B	1.62	23.05	-0.04	Financial Services
Alphabet Inc Class C	1.57	24.62	17.21	Communication Svc
Meta Platforms Inc Class A	1.37	25.99	76.12	Communication Svc
Exxon Mobil Corp	1.31	27.30	0.24	Energy
UnitedHealth Group Inc	1.28	28.58	-10.55	Healthcare
Johnson & Johnson	1.18	29.76	-11.62	Healthcare
JPMorgan Chase & Co	1.11	30.87	-2.08	Financial Services
Visa Inc Class A	1.06	31.93	8.74	Financial Services
Procter & Gamble Co	1.02	32.95	-1.29	Consumer Defensive

**Total Holdings 509**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

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

## Portfolio Manager(s)

Christine Franquin since 02-2013  
Michael Perre since 11-2017

## Quantitative Screens

✔ **Performance:** The fund has finished in the Foreign 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 10.11 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 0.07 is 92.13% lower than the Foreign Large Blend category average.

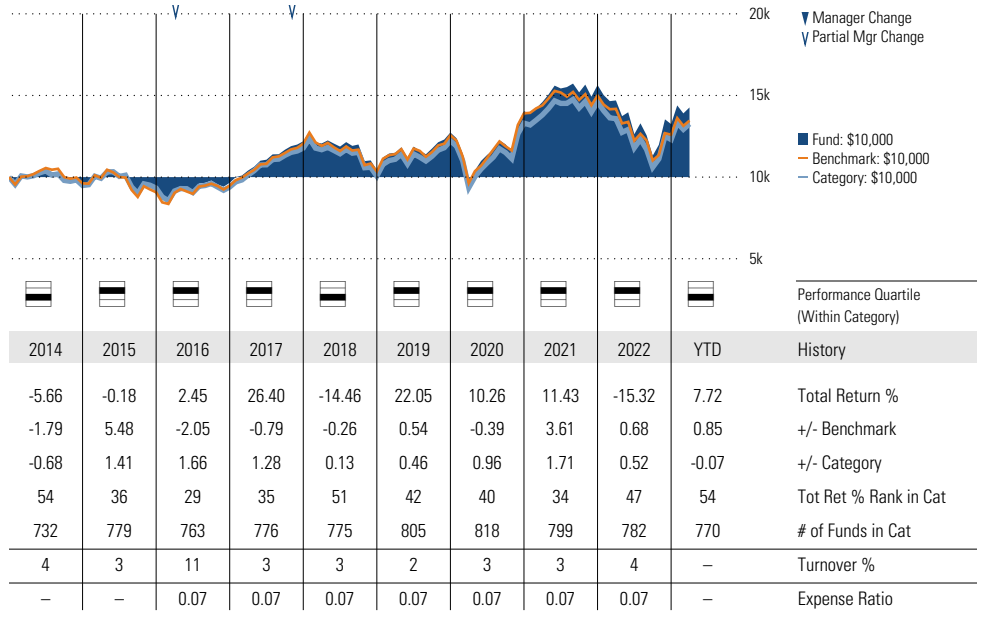
## Morningstar Investment Management LLC Analysis

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.

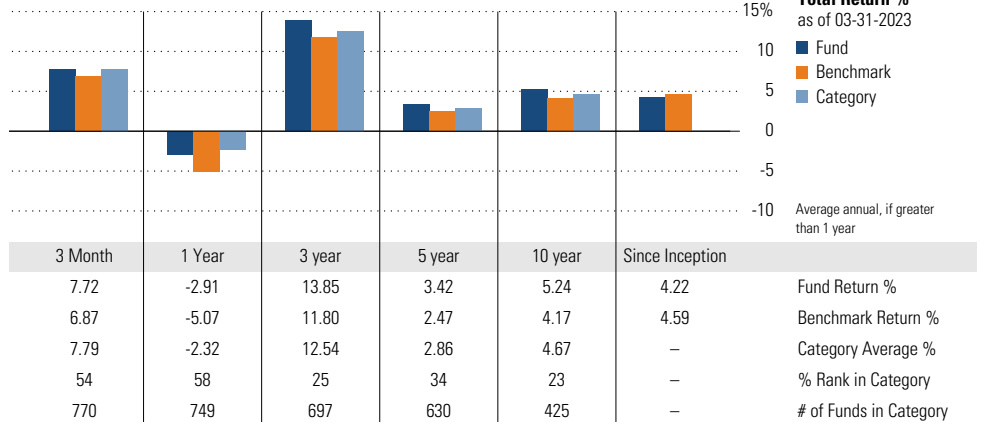
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

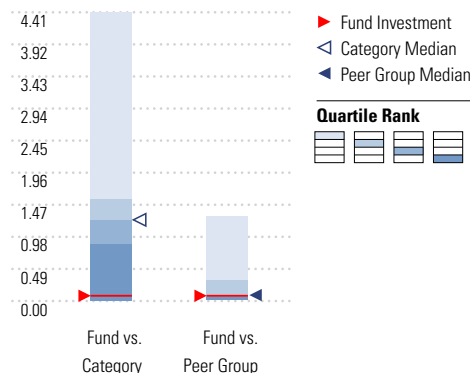
## Growth of \$10,000



## 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	1.08	-	0.60
Beta	1.09	-	1.03
R-Squared	96.13	-	93.21
Standard Deviation	19.22	17.35	18.58
Sharpe Ratio	0.71	0.66	0.68
Tracking Error	4.06	-	4.87
Information Ratio	0.51	-	0.22
Up Capture Ratio	113.12	-	106.57
Down Capture Ratio	110.42	-	105.88

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	12.90	12.70	13.48
Price/Book Ratio	1.55	1.66	1.77
Geom Avg Mkt Cap \$B	29.03	41.43	52.17
ROE	16.33	17.72	19.32

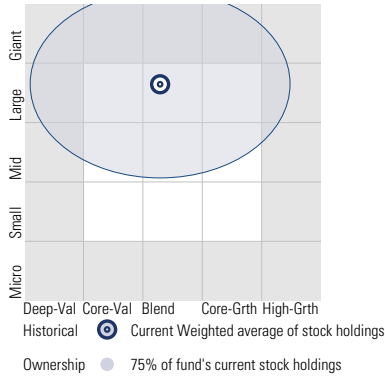
# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

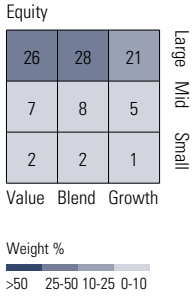
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 03-31-2023

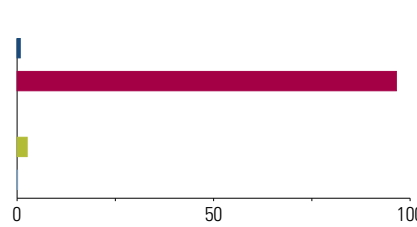
Morningstar Style Box™



## Style Breakdown

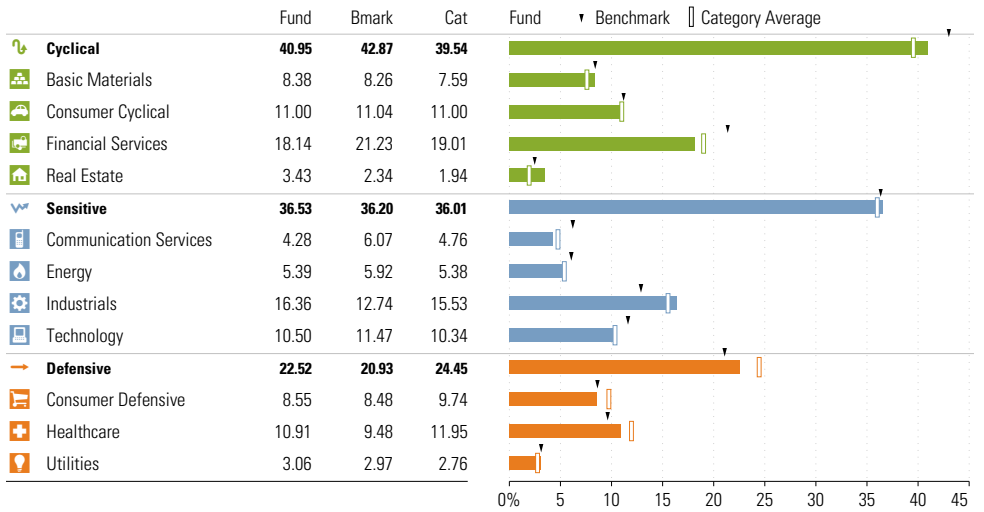


## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	0.80	3.05
Non-US Stocks	96.50	94.40
Bonds	0.00	0.28
Cash	2.56	1.03
Other	0.13	1.23
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## World Regions % Equity 03-31-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	35.68	35.05	Americas	10.46	8.50	Greater Europe	53.87	56.45	Developed Markets	99.43
Japan	20.43	17.81	North America	10.36	7.32	United Kingdom	12.05	13.67	Emerging Markets	0.57
Australasia	7.06	5.25	Central/Latin	0.10	1.18	W euro-ex UK	40.97	41.68	Not Available	0.00
Asia-4 Tigers	7.99	6.73				Emrgng Europe	0.27	0.08		
Asia-ex 4 Tigers	0.20	5.26				Africa	0.58	1.02		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Slcmt1142	1.72	1.72	-	-
Nestle SA	1.55	3.27	4.03	Consumer Defensive
ASML Holding NV	1.30	4.57	24.37	Technology
Novo Nordisk A/S Class B	1.17	5.74	16.63	Healthcare
Samsung Electronics Co Ltd	1.14	6.88	-	Technology
LVMH Moet Hennessy Louis Vuitton SE	1.07	7.95	24.19	Consumer Cyclical
AstraZeneca PLC	0.97	8.92	1.58	Healthcare
Shell PLC	0.94	9.85	0.28	Energy
Roche Holding AG	0.94	10.79	-6.90	Healthcare
Novartis AG Registered Shares	0.86	11.65	4.03	Healthcare

**Total Holdings 4087**

⊕ 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  
Awais Khan since 07-2021  
Aurélie Denis since 02-2023

## Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap 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 24.88 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.05 is 94.32% lower than the Mid-Cap Blend category average.

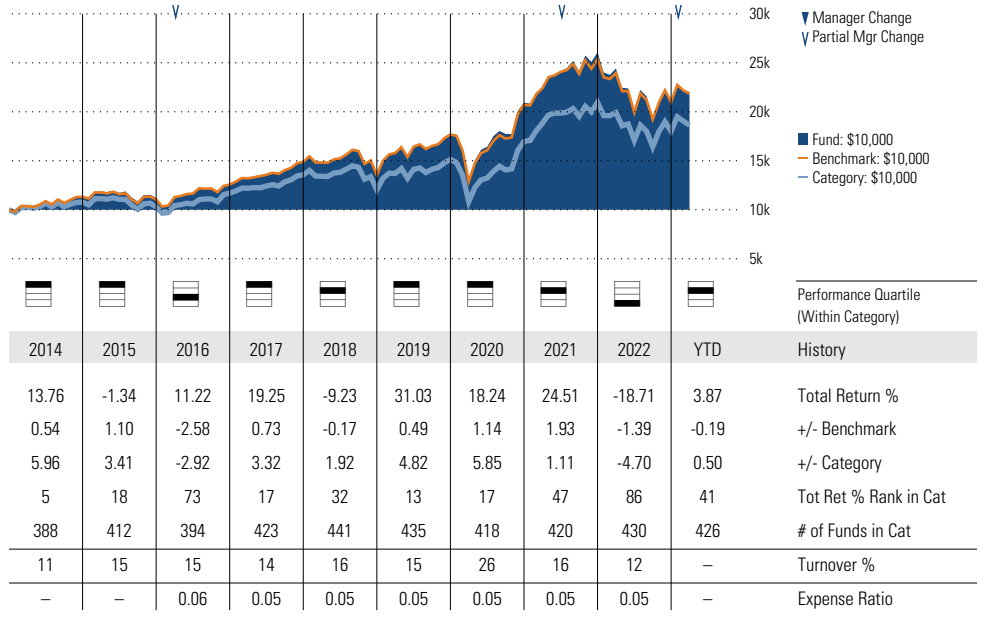
## Morningstar Investment Management LLC Analysis

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.

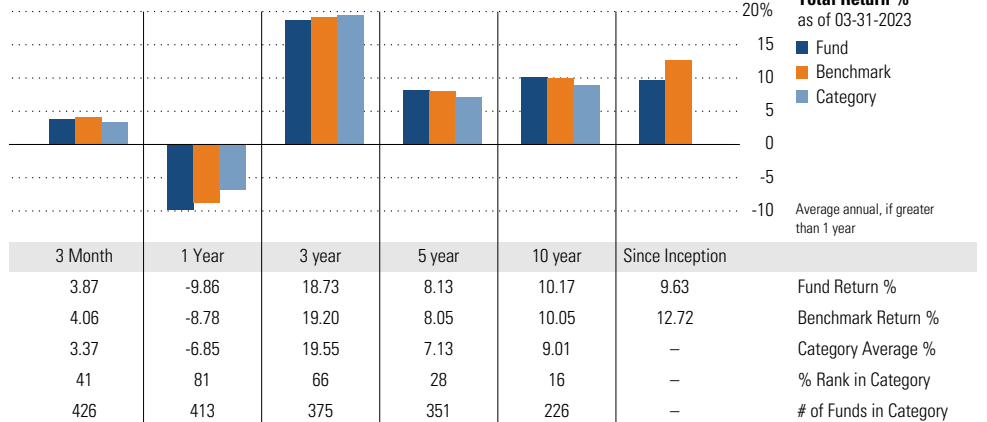
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

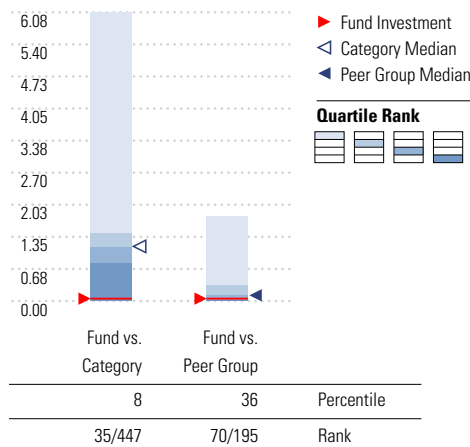
## Growth of \$10,000



## 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	-0.30	-	0.59
Beta	0.99	-	0.97
R-Squared	99.52	-	93.10
Standard Deviation	20.35	20.42	20.46
Sharpe Ratio	0.89	0.90	0.90
Tracking Error	1.41	-	5.41
Information Ratio	-0.33	-	-0.06
Up Capture Ratio	98.83	-	96.98
Down Capture Ratio	99.84	-	95.06

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.42	17.36	14.61
Price/Book Ratio	2.83	2.71	2.53
Geom Avg Mkt Cap \$B	23.24	17.95	9.91
ROE	19.46	19.49	22.17

# Vanguard Mid Cap Index Admiral VIMAX

Morningstar Category

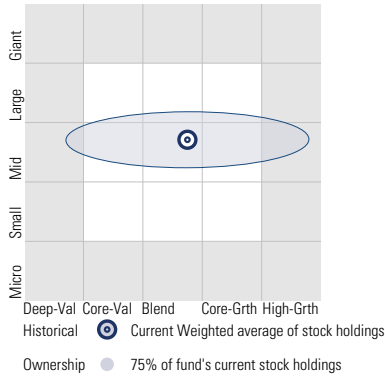
Mid-Cap Blend

Morningstar Index

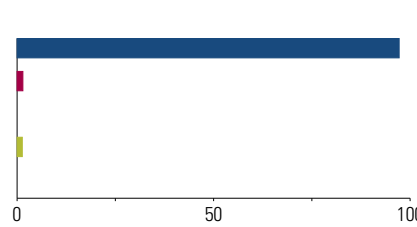
Russell Mid Cap TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™

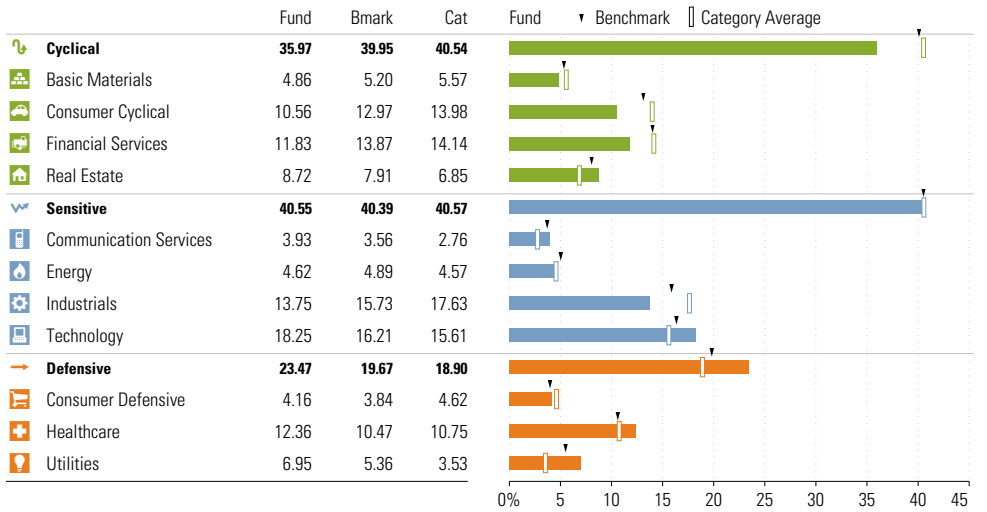


## Asset Allocation as of 03-31-2023

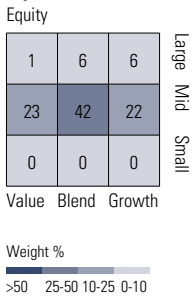


Asset Class	Net %	Cat%
US Stocks	97.21	95.94
Non-US Stocks	1.47	2.08
Bonds	0.00	0.05
Cash	1.32	1.61
Other	0.00	0.31
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023



## Style Breakdown



## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Amphenol Corp Class A	0.80	0.80	7.60	Technology
⊕ Motorola Solutions Inc	0.79	1.59	11.37	Technology
⊖ Microchip Technology Inc	0.75	2.34	19.77	Technology
⊕ DexCom Inc	0.74	3.08	2.60	Healthcare
⊖ Corvea Inc	0.71	3.78	2.86	Basic Materials
⊕ MSCI Inc	0.70	4.48	20.62	Financial Services
⊕ Mktliq 12/31/2049	0.69	5.17	-	-
⊕ Realty Income Corp	0.69	5.86	1.02	Real Estate
⊕ Arthur J. Gallagher & Co	0.67	6.53	1.76	Financial Services
⊕ Cintas Corp	0.66	7.18	2.70	Industrials
⊕ Nucor Corp	0.65	7.84	17.58	Basic Materials
⊕ Arista Networks Inc	0.63	8.47	38.33	Technology
⊖ Cheniere Energy Inc	0.63	9.10	5.36	Energy
⊕ PACCAR Inc	0.63	9.73	11.32	Industrials
⊕ TransDigm Group Inc	0.63	10.36	17.06	Industrials

**Total Holdings 346**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

**Morningstar Index**  
S&P United States REIT TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 05-1996  
Walter Nejman since 05-2016

## Quantitative Screens

✔ **Performance:** The fund has finished in the Real Estate 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 26.9 years.

✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 94.12 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 88.57% lower than the Real Estate 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.

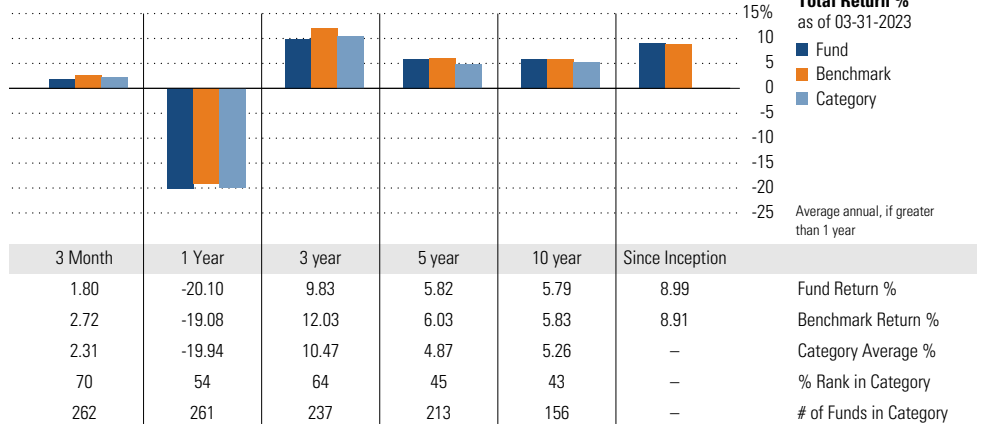
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

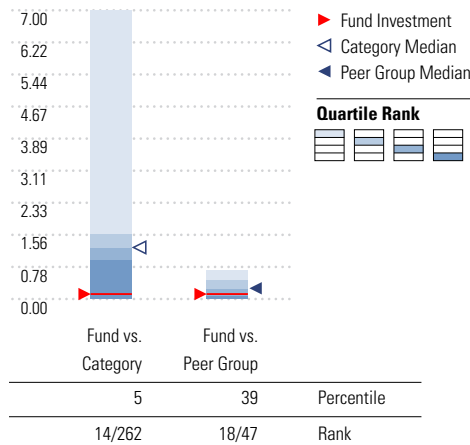
## Growth of \$10,000



## 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	-1.97	-	-1.08
Beta	1.00	-	0.95
R-Squared	98.52	-	93.02
Standard Deviation	20.41	20.25	20.01
Sharpe Ratio	0.50	0.60	0.53
Tracking Error	2.48	-	4.83
Information Ratio	-0.89	-	-0.48
Up Capture Ratio	97.58	-	94.13
Down Capture Ratio	104.56	-	98.38

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	26.67	38.46	26.96
Price/Book Ratio	2.17	2.42	2.15
Geom Avg Mkt Cap \$B	21.23	9.35	26.33
ROE	15.67	9.56	14.69

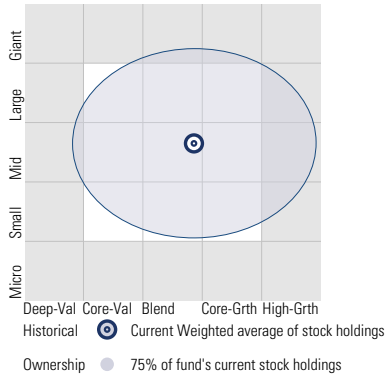
# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

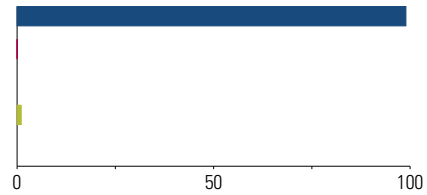
**Morningstar Index**  
S&P United States REIT TR USD

## Style Analysis as of 03-31-2023

Morningstar Style Box™



## Asset Allocation as of 03-31-2023



Asset Class	Net %	Cat%
US Stocks	98.93	82.50
Non-US Stocks	0.02	1.12
Bonds	0.00	3.50
Cash	1.04	1.08
Other	0.00	11.80
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 03-31-2023

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Cyclical</b>	<b>99.18</b>	<b>99.13</b>	<b>99.26</b>			
Basic Materials	0.00	0.00	0.04			
Consumer Cyclical	0.00	0.13	1.31			
Financial Services	0.03	0.00	0.31			
Real Estate	99.15	99.00	97.60			
<b>Sensitive</b>	<b>0.82</b>	<b>0.87</b>	<b>0.67</b>			
Communication Services	0.76	0.00	0.20			
Energy	0.00	0.00	0.04			
Industrials	0.00	0.87	0.24			
Technology	0.06	0.00	0.19			
<b>Defensive</b>	<b>0.00</b>	<b>0.00</b>	<b>0.07</b>			
Consumer Defensive	0.00	0.00	0.00			
Healthcare	0.00	0.00	0.01			
Utilities	0.00	0.00	0.06			

## Style Breakdown



## Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	12.37	12.37	-	-
⊖ Prologis Inc	8.04	20.41	11.45	Real Estate
⊖ American Tower Corp	6.64	27.04	-3.55	Real Estate
⊖ Equinix Inc	4.66	31.70	10.60	Real Estate
⊖ Crown Castle Inc	4.04	35.74	-0.17	Real Estate
⊖ Public Storage	3.33	39.08	8.90	Real Estate
⊖ Realty Income Corp	2.77	41.85	1.02	Real Estate
⊖ Simon Property Group Inc	2.48	44.33	-3.16	Real Estate
⊖ Welltower Inc	2.28	46.61	10.30	Real Estate
⊖ SBA Communications Corp Class A	1.97	48.58	-6.56	Real Estate
⊖ VICI Properties Inc Ordinary Shares	1.91	50.49	1.88	Real Estate
⊖ Digital Realty Trust Inc	1.88	52.36	-0.74	Real Estate
⊖ AvalonBay Communities Inc	1.64	54.01	5.07	Real Estate
⊖ CBRE Group Inc Class A	1.61	55.61	-5.39	Real Estate
⊖ Weyerhaeuser Co	1.55	57.16	0.71	Real Estate

**Total Holdings 169**

⊕ Increase ⊖ Decrease ✨ New to Portfolio