

# American Century Inflation Adjs Bond R5 AIANX

**Morningstar Category**  
Inflation-Protected Bond

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

## Portfolio Manager(s)

Robert Gahagan since 11-2001  
James Platz since 09-2007  
Miguel Castillo since 02-2014

## Quantitative Screens

✔ **Performance:** The fund has finished in the Inflation-Protected 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 21.59 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.26 is 55.93% lower than the Inflation-Protected Bond category average.

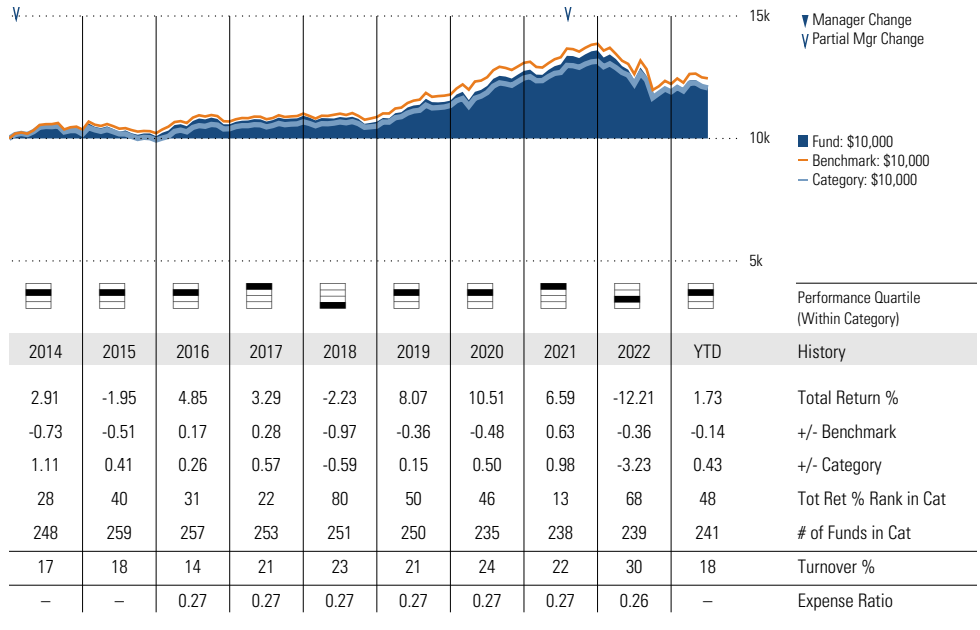
## Morningstar Investment Management LLC Analysis

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	05-31-2023

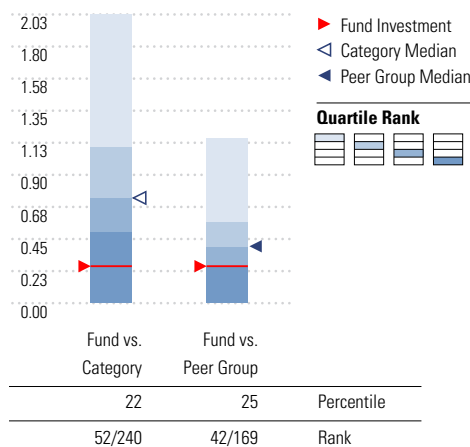
## Growth of \$10,000



## Trailing Performance



## Net Expense



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

## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.14	-	0.39
Beta	1.02	-	0.90
R-Squared	99.54	-	93.20
Standard Deviation	7.06	6.94	6.45
Sharpe Ratio	-0.19	-0.21	-0.12
Tracking Error	0.49	-	1.94
Information Ratio	0.26	-	-0.10
Up Capture Ratio	102.66	-	90.88
Down Capture Ratio	101.18	-	86.78

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	7.37	4.52	5.61
Avg Eff Maturity	6.80	-	6.56

# American Century Inflation Adjs Bond R5 AIANX

**Morningstar Category**  
Inflation-Protected Bond

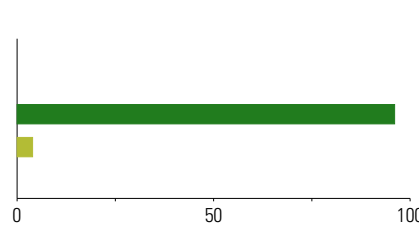
**Morningstar Index**  
Bloomberg US Treasury US TIPS TR USD

## Style Analysis as of 06-30-2023

### Style Breakdown



## Asset Allocation as of 06-30-2023

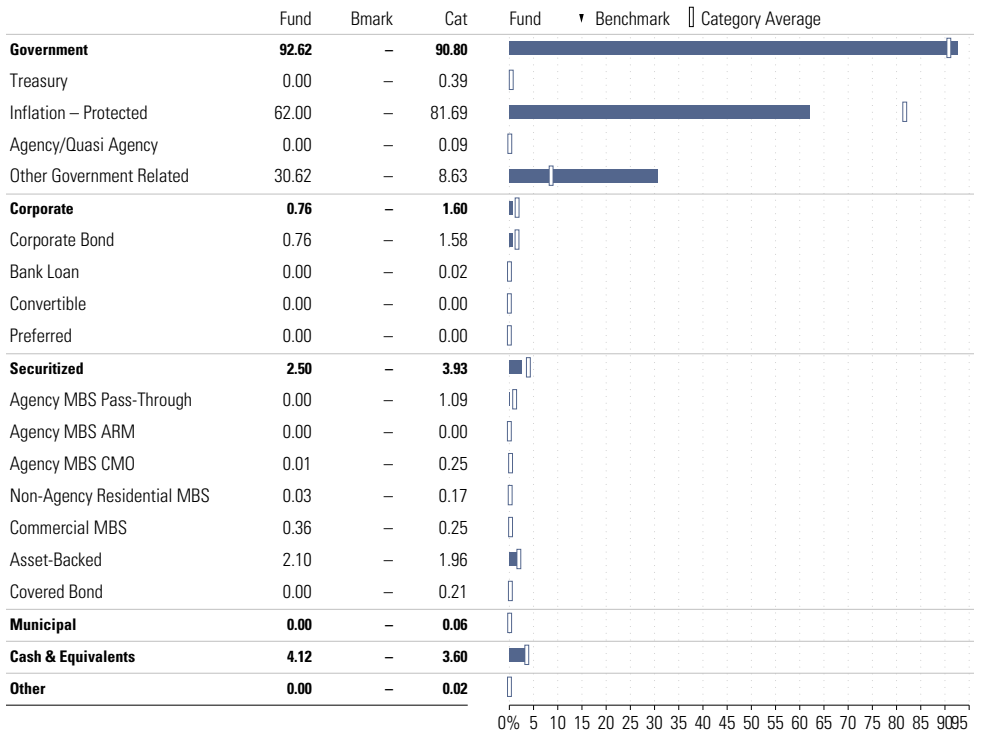


Asset Class	Net %	Cat%
US Stocks	0.00	0.02
Non-US Stocks	0.00	-0.02
Bonds	96.06	99.25
Cash	3.94	0.58
Other	0.00	0.17
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	94.68	0.00	93.28
AA	1.08	99.60	0.25
A	1.39	0.00	0.78
BBB	0.61	0.00	1.38
BB	0.00	0.00	1.75
B	0.00	0.00	1.27
Below B	0.00	0.00	0.40
Not Rated	2.24	0.40	0.89

## Sector Weighting as of 06-30-2023



## Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Us 5yr Note (Cbt) Sep23 Xcvt 20230929	09-2023	10.79	10.79	-
⊕ United States Treasury Notes 0.625%	01-2026	4.80	15.60	-
⊕ State Street Bank & Trust Co 5 Repo - 03jul23	07-2023	4.01	19.60	-
⊕ United States Treasury Notes 0.625%	01-2024	3.46	23.06	-
⊕ United States Treasury Notes 0.125%	04-2027	3.45	26.51	-
⊕ United States Treasury Notes 0.125%	10-2025	3.41	29.92	-
⊕ United States Treasury Bonds 2%	01-2026	3.35	33.28	-
⊕ Future on Ultra 10 Year US Treasury Note	09-2023	3.29	36.57	-
⊕ Future on 2 Year Treasury Note	09-2023	3.28	39.85	-
⊕ United States Treasury Notes 0.5%	01-2028	2.69	42.54	-

**Total Holdings 135**

⊕ 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)

Carl Kawaja since 06-1999  
 Robert Lovelace since 06-1999  
 Christopher Thomsen since 01-2009  
 Winnie Kwan since 01-2009  
 Tomonori Tani since 10-2013  
 Jonathan Knowles since 01-2016  
 Bradford Freer since 01-2017  
 Akira Shiraishi since 01-2017  
 Lisa Thompson since 10-2019  
 Kirstie Spence since 12-2019  
 Dawid Justus since 01-2020  
 Piya Phanaphat 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 24.05 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% lower than the Diversified Emerging Mkts category average.

## Morningstar Investment Management LLC Analysis

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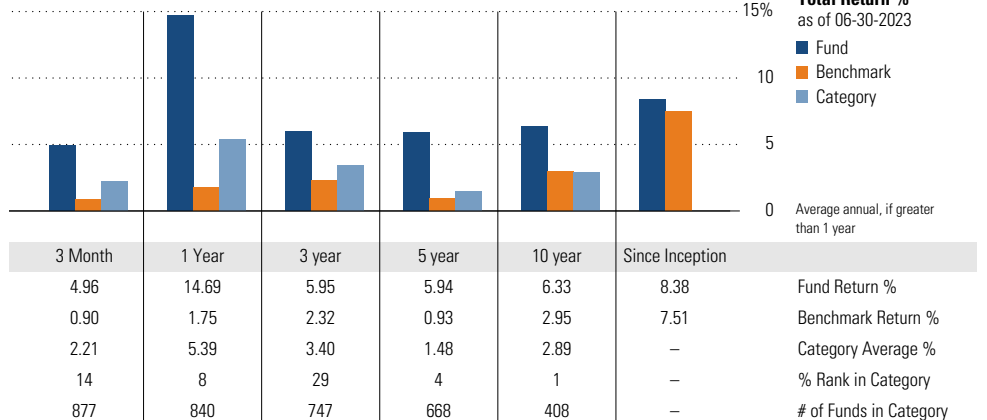
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
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

Metric	Fund	Bmark	Cat
Alpha	3.96	-	0.46
Beta	0.85	-	0.97
R-Squared	78.63	-	87.17
Standard Deviation	17.16	17.90	18.62
Sharpe Ratio	0.33	0.13	0.15
Tracking Error	8.38	-	6.47
Information Ratio	0.43	-	0.01
Up Capture Ratio	96.76	-	100.12
Down Capture Ratio	80.67	-	99.16

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.17	11.97	13.15
Price/Book Ratio	2.98	1.58	1.85
Geom Avg Mkt Cap \$B	59.03	35.41	43.06
ROE	22.42	16.67	18.25

# American Funds New World R6 RNWGX

**Morningstar Category**  
Diversified Emerging Mkts

**Morningstar Index**  
MSCI EM NR USD

## Style Analysis as of 06-30-2023

Morningstar Style Box™



## Style Breakdown

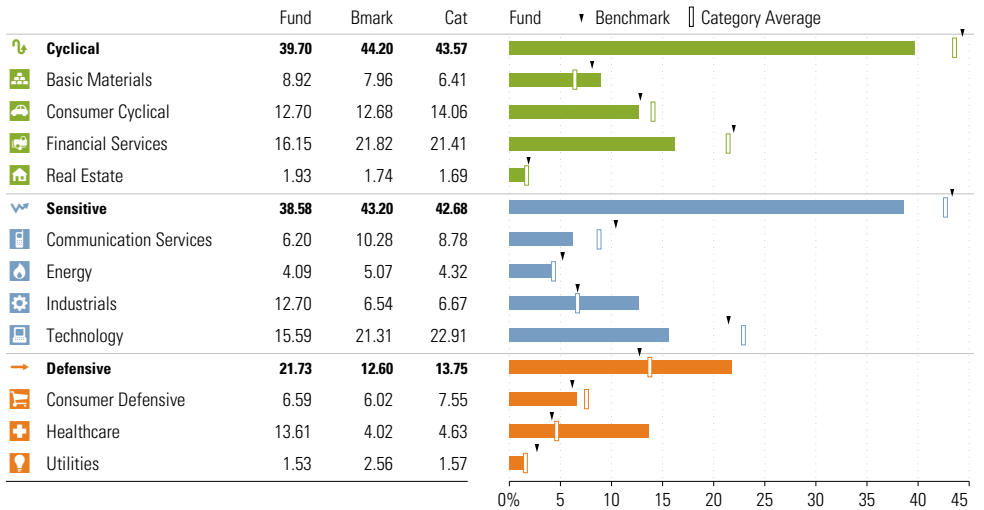


## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	22.73	3.10
Non-US Stocks	68.10	94.98
Bonds	3.75	0.01
Cash	4.99	1.75
Other	0.43	0.16
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## World Regions % Equity 06-30-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	38.48	75.24	Americas	36.40	14.67	Greater Europe	25.12	10.08	Developed Markets	59.04
Japan	2.51	0.10	North America	26.68	2.91	United Kingdom	2.38	0.63	Emerging Markets	40.96
Australasia	0.46	0.00	Central/Latin	9.72	11.76	W euro-ex UK	20.00	1.89	Not Available	0.00
Asia-4 Tigers	6.81	27.46				Emrgng Europe	0.59	1.41		
Asia-ex 4 Tigers	28.70	47.68				Africa	2.15	6.15		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash Fund	4.81	4.81	-	-
Microsoft Corp	2.91	7.72	42.57	Technology
Novo Nordisk A/S Class B	2.17	9.89	18.08	Healthcare
Taiwan Semiconductor Manufacturing Co Ltd	2.02	11.91	29.65	Technology
LVMH Moet Hennessy Louis Vuitton SE	1.82	13.72	27.96	Consumer Cyclical
Kotak Mahindra Bank Ltd	1.61	15.33	1.06	Financial Services
Airbus SE	1.55	16.88	20.84	Industrials
Eli Lilly and Co	1.26	18.13	28.81	Healthcare
Reliance Industries Ltd	1.16	19.30	0.12	Energy
AIA Group Ltd	1.12	20.42	-7.56	Financial Services

**Total Holdings 590**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Metropolitan West Total Return Bd I MWTIX

**Morningstar Category** Intermediate Core-Plus Bond  
**Morningstar Index** Bloomberg US Agg Bond TR USD

## Portfolio Manager(s)

Laird Landmann since 03-1997  
 Stephen Kane since 03-1997  
 Bryan Whalen since 12-2004

## Quantitative Screens

✔ **Performance:** The fund has finished in the Intermediate Core-Plus Bond category's top three quartiles in 7 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 26.27 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.44 is 39.73% lower than the Intermediate Core-Plus Bond category average.

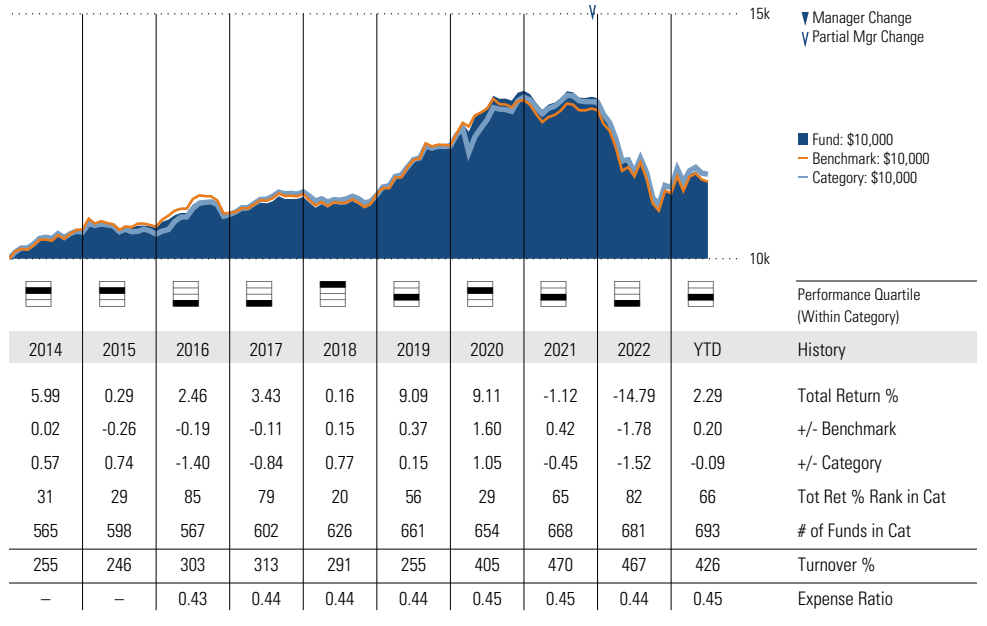
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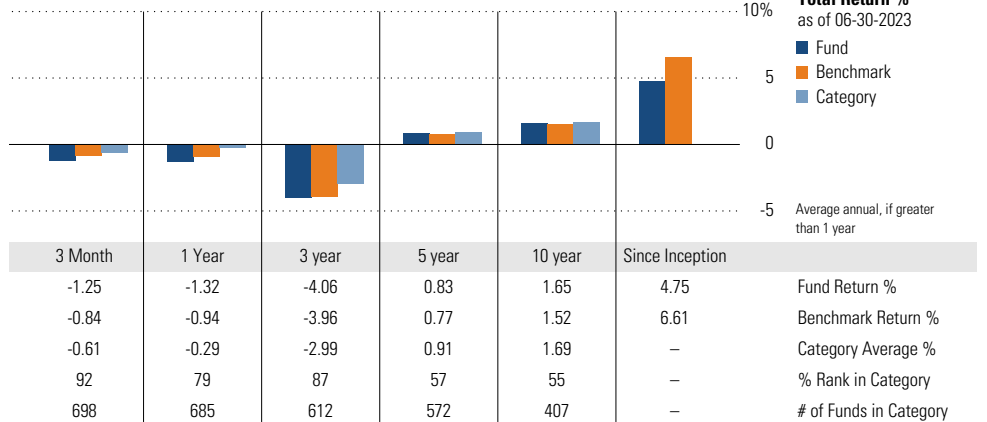
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023

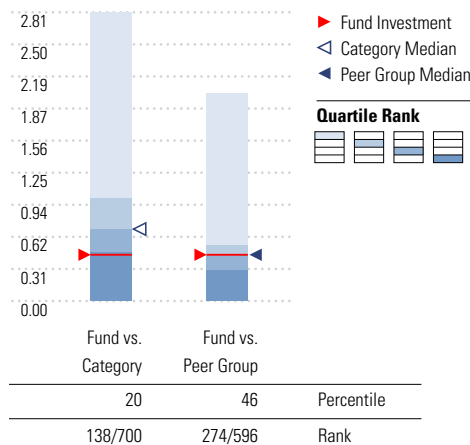
## Growth of \$10,000



## 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	0.38	-	0.89
Beta	1.11	-	1.02
R-Squared	99.12	-	93.36
Standard Deviation	6.89	6.17	6.50
Sharpe Ratio	-0.80	-0.89	-0.71
Tracking Error	0.94	-	1.67
Information Ratio	-0.10	-	0.49
Up Capture Ratio	110.43	-	105.42
Down Capture Ratio	107.15	-	95.34

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	7.13	4.43	6.26
Avg Eff Maturity	7.76	-	9.25

# Metropolitan West Total Return Bd I MWTIX

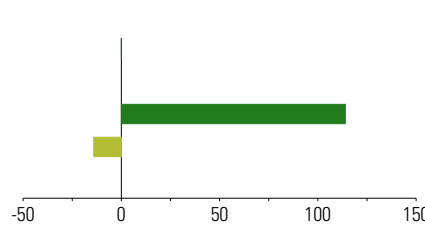
**Morningstar Category** Intermediate Core-Plus Bond  
**Morningstar Index** Bloomberg US Agg Bond TR USD

## Style Analysis as of 06-30-2023

### Style Breakdown



## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	0.09	0.98
Non-US Stocks	0.00	0.18
Bonds	113.96	102.39
Cash	-14.04	-4.66
Other	0.00	1.10
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	55.23	3.53	53.96
AA	6.00	74.59	4.04
A	14.45	10.82	12.05
BBB	15.22	8.32	18.27
BB	3.59	0.28	4.96
B	1.53	0.00	1.94
Below B	3.89	0.00	1.35
Not Rated	0.09	2.46	3.43

## Sector Weighting as of 06-30-2023

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
<b>Government</b>	<b>21.86</b>	-	<b>26.61</b>			
Treasury	18.20	-	17.18			
Inflation – Protected	1.20	-	0.49			
Agency/Quasi Agency	2.43	-	0.57			
Other Government Related	0.03	-	8.37			
<b>Corporate</b>	<b>25.95</b>	-	<b>27.99</b>			
Corporate Bond	24.64	-	27.50			
Bank Loan	1.31	-	0.16			
Convertible	0.00	-	0.05			
Preferred	0.00	-	0.28			
<b>Securitized</b>	<b>47.63</b>	-	<b>38.54</b>			
Agency MBS Pass-Through	31.94	-	24.88			
Agency MBS ARM	0.00	-	0.06			
Agency MBS CMO	1.27	-	2.02			
Non-Agency Residential MBS	5.37	-	1.68			
Commercial MBS	2.08	-	1.81			
Asset-Backed	6.97	-	8.09			
Covered Bond	0.00	-	0.00			
<b>Municipal</b>	<b>0.52</b>	-	<b>0.64</b>			
<b>Cash &amp; Equivalents</b>	<b>1.84</b>	-	<b>2.77</b>			
<b>Other</b>	<b>2.18</b>	-	<b>3.42</b>			

## Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ Cash & Cash Equivalents	-	17.64	17.64	-
⊕ United States Treasury Notes 4%	06-2028	6.16	23.80	-
⊕ United States Treasury Bonds 3.75%	05-2043	4.43	28.24	-
⊕ Federal National Mortgage Association 2%	07-2053	3.58	31.82	-
⊕ United States Treasury Notes 4.75%	06-2025	3.37	35.19	-
⊕ Federal National Mortgage Association 5%	07-2053	3.31	38.50	-
⊕ Federal National Mortgage Association 3%	07-2053	2.78	41.28	-
⊕ Federal National Mortgage Association 4.5%	07-2053	2.78	44.05	-
⊕ Federal National Mortgage Association 2.5%	07-2053	2.73	46.78	-
⊕ Federal National Mortgage Association 5.5%	07-2053	2.25	49.03	-

## Total Holdings 2014

⊕ 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 9.5 years.

✔ **Style:** The fund has landed in its primary style box — Small Growth — 96.77 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.99 is 14.66% lower than the Small Growth category average.

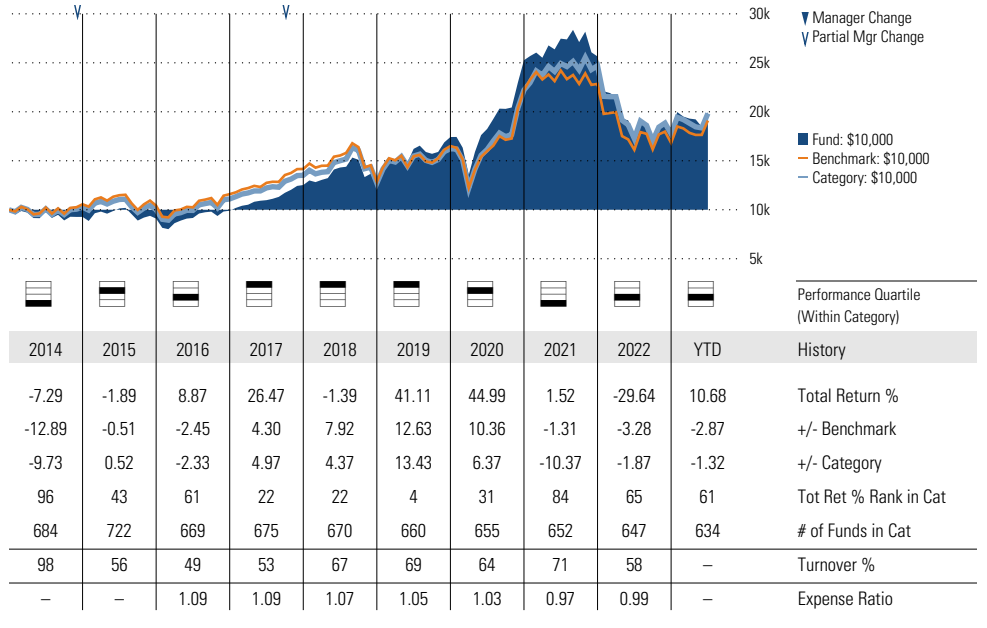
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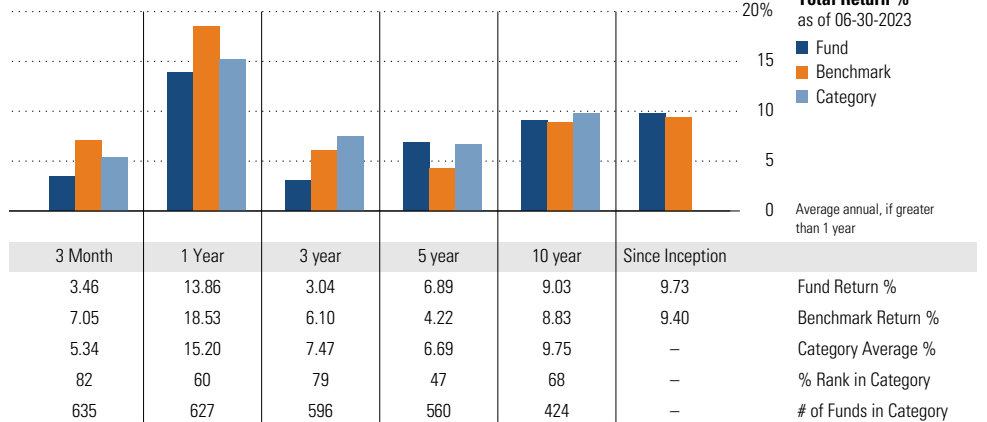
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	05-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

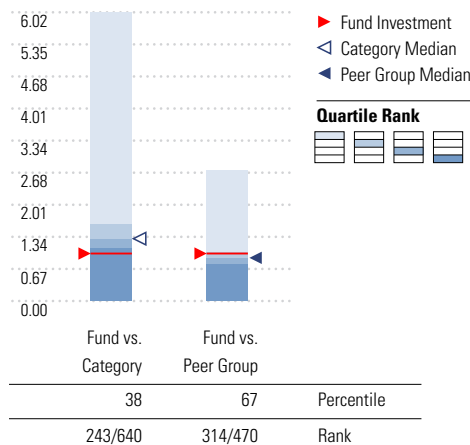
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	-2.35	-	0.92
Beta	0.91	-	0.93
R-Squared	90.83	-	89.28
Standard Deviation	21.41	22.51	22.20
Sharpe Ratio	0.17	0.30	0.33
Tracking Error	6.82	-	7.54
Information Ratio	-0.45	-	0.05
Up Capture Ratio	85.56	-	97.66
Down Capture Ratio	93.98	-	95.95

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	21.33	19.60	23.17
Price/Book Ratio	2.96	3.99	3.97
Geom Avg Mkt Cap \$B	4.42	2.69	5.20
ROE	7.70	7.12	16.08

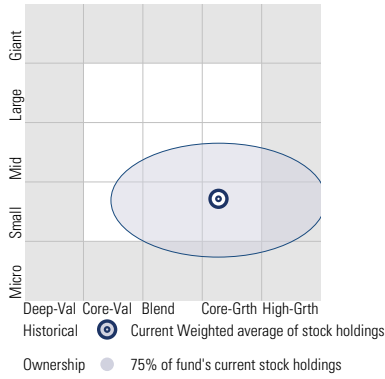
# MFS New Discovery R4 MNDJX

**Morningstar Category**  
Small Growth

**Morningstar Index**  
Russell 2000 Growth TR USD

## Style Analysis as of 06-30-2023

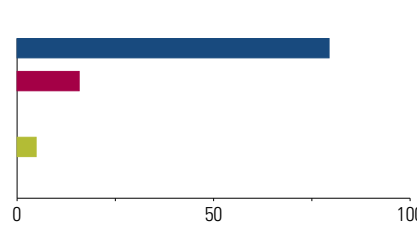
Morningstar Style Box™



## Style Breakdown

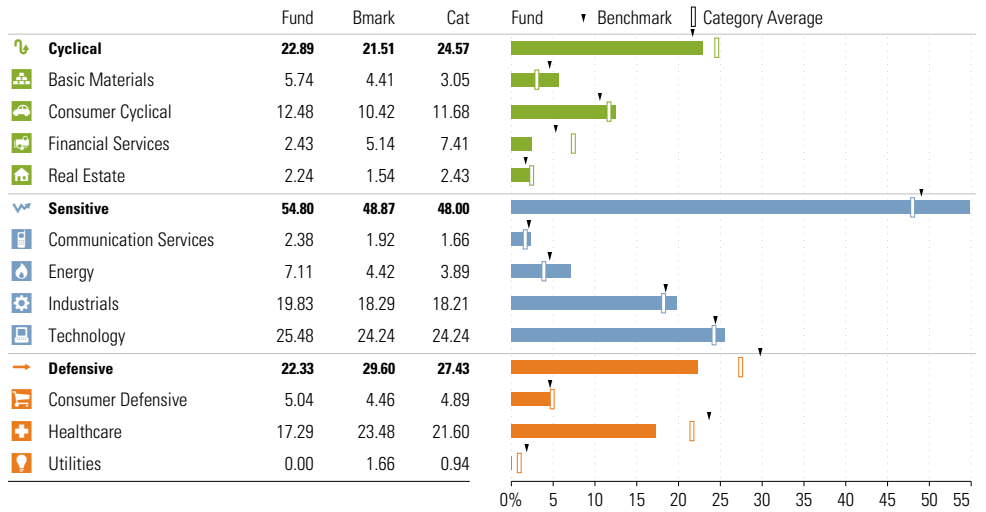


## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	79.38	91.33
Non-US Stocks	15.79	4.70
Bonds	0.00	0.02
Cash	4.84	2.39
Other	0.00	1.55
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## Top 15 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Currency Cash CASH_USD	4.86	4.86	—	—
⊕ GFL Environmental Inc	2.55	7.41	32.83	Industrials
Sensata Technologies Holding PLC	2.21	9.62	11.99	Technology
⊖ ChampionX Corp	1.94	11.56	7.62	Energy
RB Global Inc	1.93	13.50	4.48	Industrials
⊖ ExlService Holdings Inc	1.87	15.37	-10.84	Technology
Jacobs Solutions Inc	1.75	17.12	-0.55	Industrials
⊖ Axalta Coating Systems Ltd	1.74	18.86	28.82	Basic Materials
KBR Inc	1.69	20.55	23.73	Industrials
Advanced Energy Industries Inc	1.67	22.22	30.16	Industrials
Stag Industrial Inc	1.65	23.87	13.32	Real Estate
⊖ Matador Resources Co	1.62	25.49	-8.07	Energy
PENN Entertainment Inc	1.53	27.02	-19.09	Consumer Cyclical
⊖ WNS (Holdings) Ltd ADR	1.52	28.55	-7.84	Technology
⊖ DoubleVerify Holdings Inc	1.49	30.03	77.23	Technology

**Total Holdings 110**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# MFS Research International R4 MRSJX

**Morningstar Category**  
Foreign Large Blend

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

## Portfolio Manager(s)

Camille Lee since 09-2018  
Nicholas Paul since 12-2022

## 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 4.83 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 0.75 is 13.79% lower than the Foreign Large Blend category average.

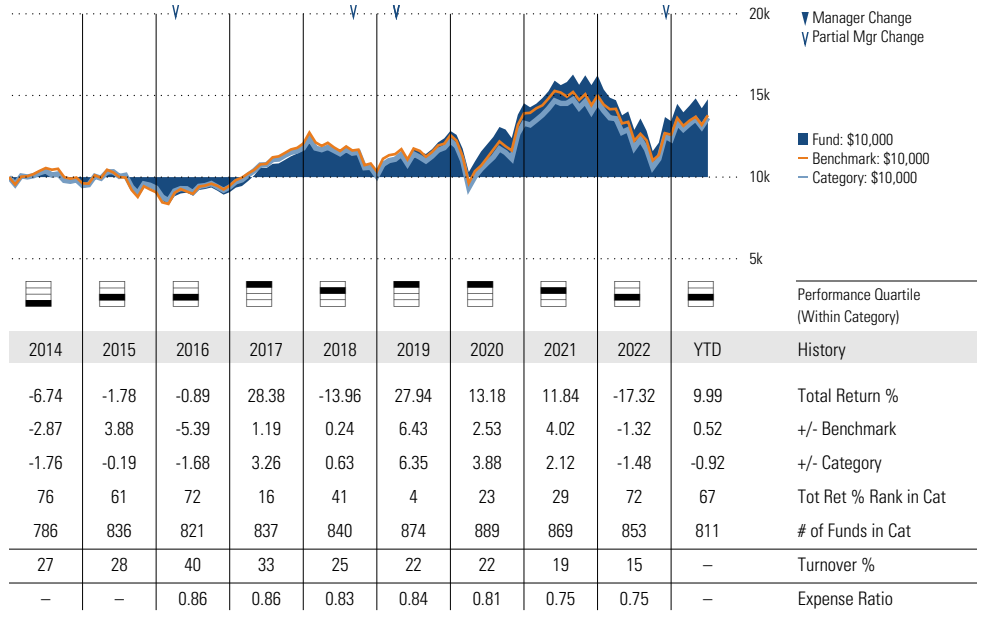
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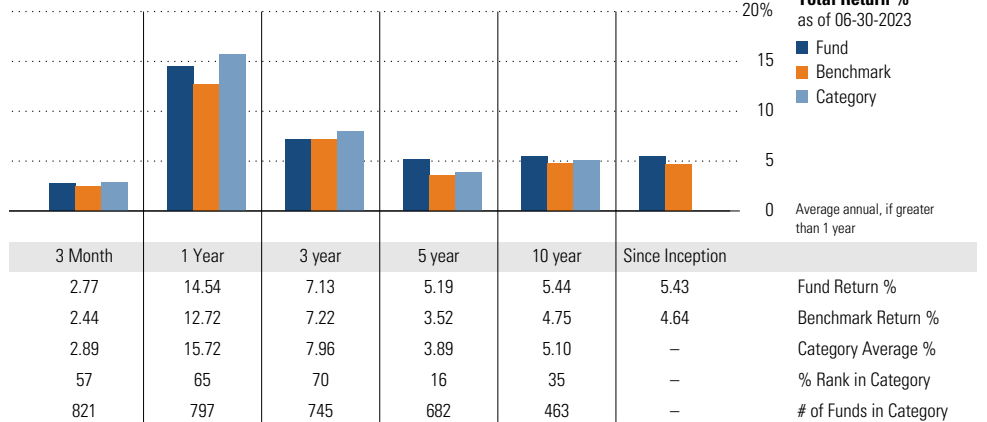
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

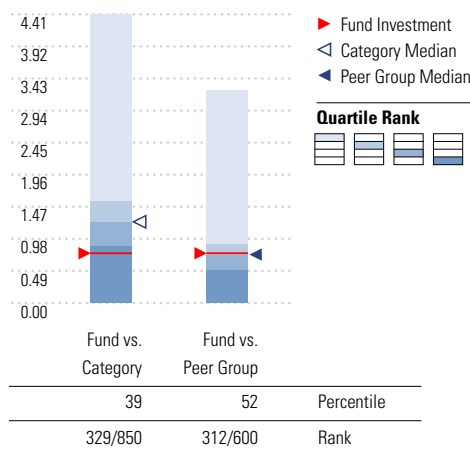
## Growth of \$10,000



## 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	-0.06	-	0.56
Beta	1.01	-	1.04
R-Squared	94.20	-	93.50
Standard Deviation	17.80	17.05	18.28
Sharpe Ratio	0.39	0.40	0.42
Tracking Error	4.29	-	4.68
Information Ratio	-0.02	-	0.18
Up Capture Ratio	106.21	-	106.88
Down Capture Ratio	108.54	-	105.69

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.40	13.32	13.48
Price/Book Ratio	2.12	1.69	1.77
Geom Avg Mkt Cap \$B	49.51	43.39	51.74
ROE	20.01	17.67	19.85

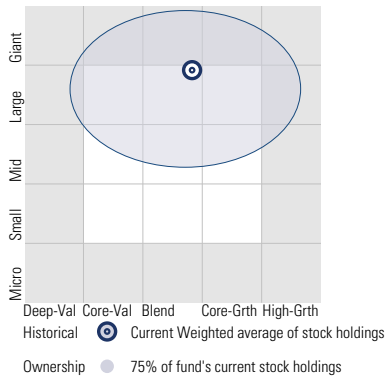
# MFS Research International R4 MRSJX

**Morningstar Category**  
Foreign Large Blend

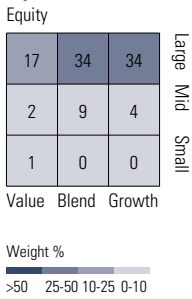
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 06-30-2023

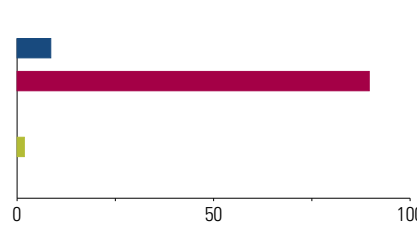
Morningstar Style Box™



## Style Breakdown

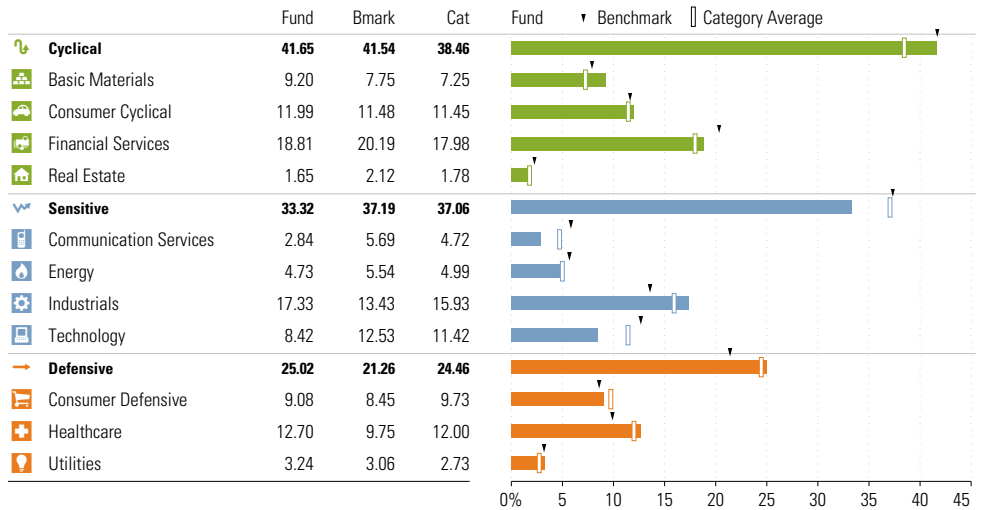


## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	8.57	3.13
Non-US Stocks	89.60	94.02
Bonds	0.00	0.19
Cash	1.84	1.26
Other	0.00	1.40
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## World Regions % Equity 06-30-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	33.16	35.44	Americas	10.58	8.59	Greater Europe	56.24	55.97	Developed Markets	97.25
Japan	19.74	18.32	North America	10.58	7.30	United Kingdom	11.08	13.49	Emerging Markets	2.75
Australasia	3.98	5.01	Central/Latin	0.00	1.29	W euro-ex UK	45.16	41.42	Not Available	0.00
Asia-4 Tigers	6.69	6.74				Emrgng Europe	0.00	0.07		
Asia-ex 4 Tigers	2.75	5.37				Africa	0.00	0.99		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Linde PLC	3.14	3.14	17.61	Basic Materials
⊕ LVMH Moët Hennessy Louis Vuitton SE	3.04	6.18	27.96	Consumer Cyclical
⊕ Roche Holding AG	2.99	9.17	-2.58	Healthcare
⊕ Schneider Electric SE	2.98	12.15	29.75	Industrials
⊕ Nestle SA	2.85	14.99	3.18	Consumer Defensive
⊕ Novo Nordisk A/S Class B	2.72	17.72	18.08	Healthcare
⊕ Hitachi Ltd	2.09	19.80	34.08	Industrials
⊕ Diageo PLC	1.82	21.62	-6.58	Consumer Defensive
⊕ Currency Cash CASH_USD	1.71	23.33	-	-
⊕ TotalEnergies SE	1.58	24.91	-6.79	Energy

**Total Holdings 121**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# MFS Value R4 MEIJX

**Morningstar Category**  
Large Value

**Morningstar Index**  
Russell 1000 Value TR USD

## Portfolio Manager(s)

Nevin Chitkara since 05-2006  
Katherine Cannan since 12-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Large Value 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 17.09 years.

✔ **Style:** The fund has landed in its primary style box — Large Value — 78.13 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.55 is 38.2% lower than the Large Value category average.

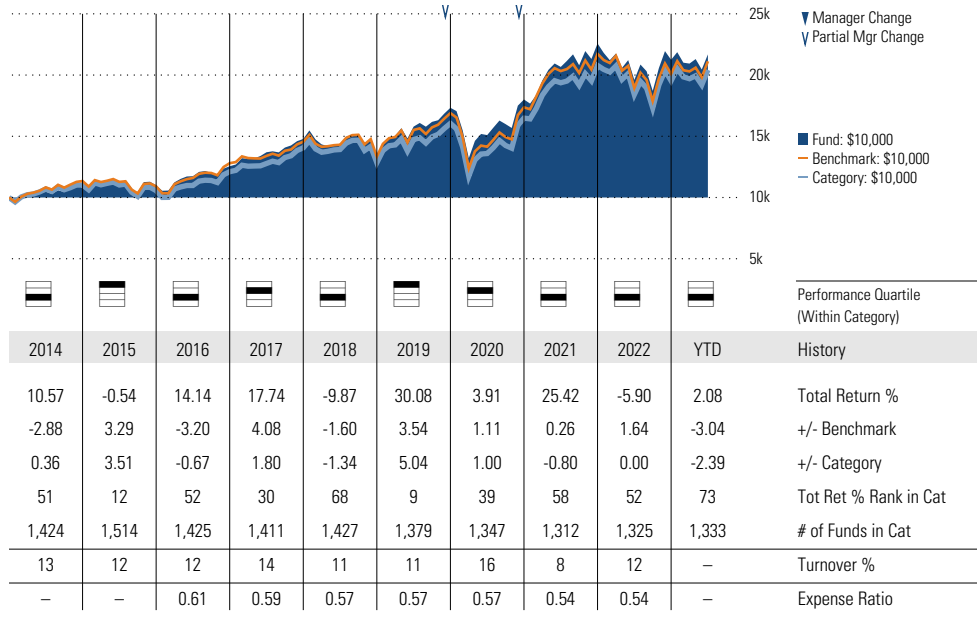
## Morningstar Investment Management LLC Analysis

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.

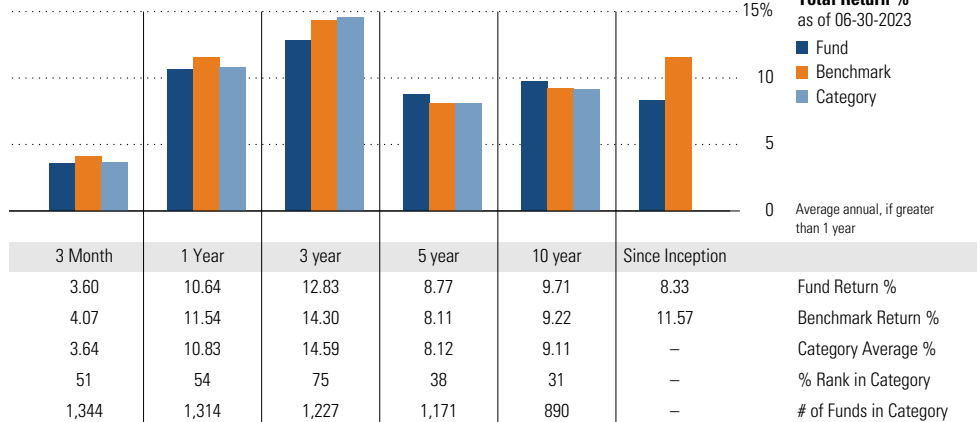
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

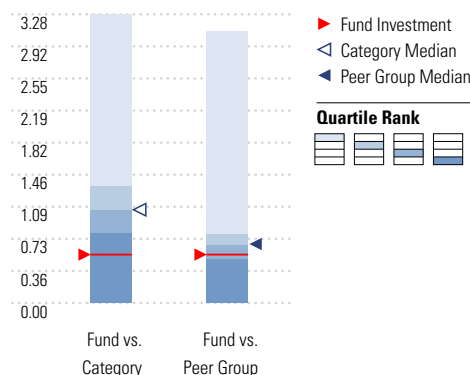
## Growth of \$10,000



## 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	-0.43	-	0.62
Beta	0.93	-	0.98
R-Squared	96.89	-	94.06
Standard Deviation	16.51	17.45	17.61
Sharpe Ratio	0.72	0.76	0.77
Tracking Error	3.15	-	4.34
Information Ratio	-0.47	-	0.04
Up Capture Ratio	96.61	-	98.27
Down Capture Ratio	101.23	-	95.82

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.20	16.03	15.47
Price/Book Ratio	2.82	2.24	2.40
Geom Avg Mkt Cap \$B	97.29	67.79	119.72
ROE	26.46	17.25	22.08

# MFS Value R4 MEIJX

Morningstar Category

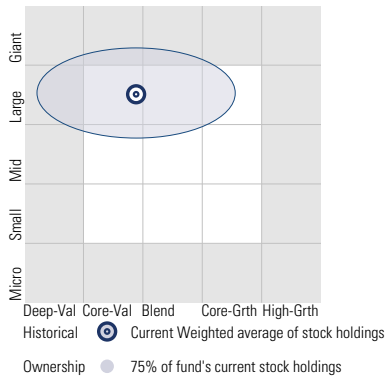
Large Value

Morningstar Index

Russell 1000 Value TR USD

## Style Analysis as of 06-30-2023

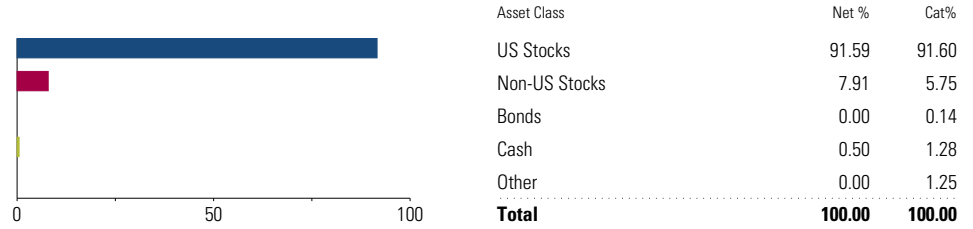
Morningstar Style Box™



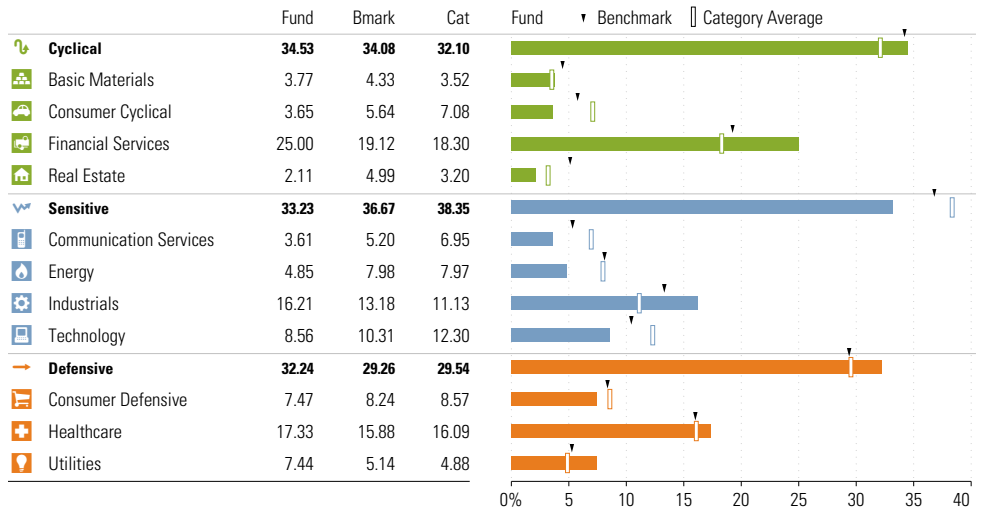
## Style Breakdown



## Asset Allocation as of 06-30-2023



## Sector Weighting as of 06-30-2023



## Top 15 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ JPMorgan Chase & Co	4.10	4.10	9.95	Financial Services
⊖ Johnson & Johnson	2.88	6.98	-4.99	Healthcare
⊖ Aon PLC Class A	2.72	9.70	15.40	Financial Services
⊖ The Cigna Group	2.71	12.41	-14.57	Healthcare
⊖ Marsh & McLennan Companies Inc	2.59	15.00	14.37	Financial Services
⊖ Comcast Corp Class A	2.55	17.55	20.42	Communication Svc
⊖ ConocoPhillips	2.48	20.03	-10.31	Energy
⊖ Texas Instruments Inc	2.45	22.47	10.46	Technology
⊖ Progressive Corp	2.35	24.83	2.20	Financial Services
⊖ Northrop Grumman Corp	2.30	27.13	-15.80	Industrials
⊖ Lowe's Companies Inc	2.25	29.38	14.33	Consumer Cyclical
⊖ Accenture PLC Class A	2.03	31.41	16.48	Technology
⊖ Merck & Co Inc	2.02	33.43	5.32	Healthcare
⊖ Honeywell International Inc	1.97	35.40	-2.21	Industrials
⊖ Pfizer Inc	1.93	37.33	-26.81	Healthcare

Total Holdings 75

⊕ 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 16.26 years.

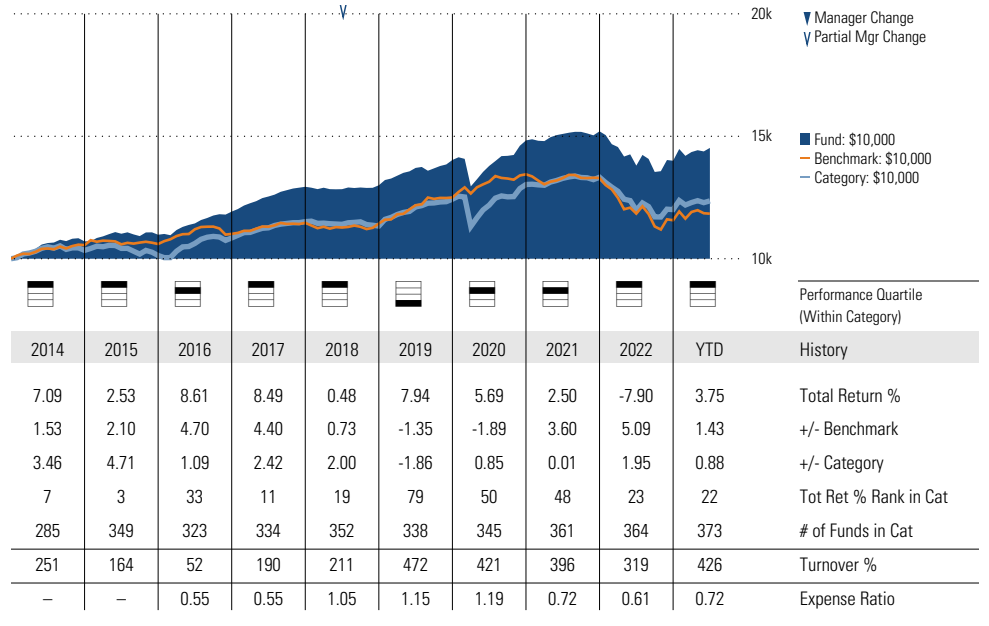
Style Consistency is not calculated for Fixed Income funds.

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

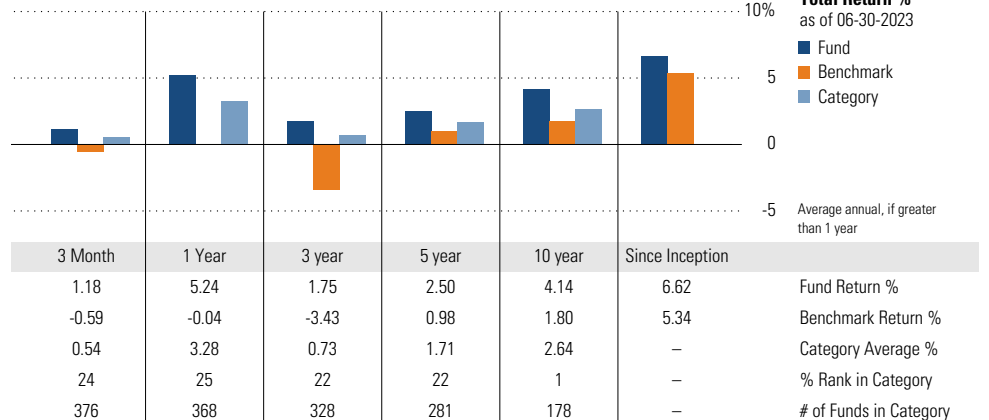
## Morningstar Investment Management LLC Analysis

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.

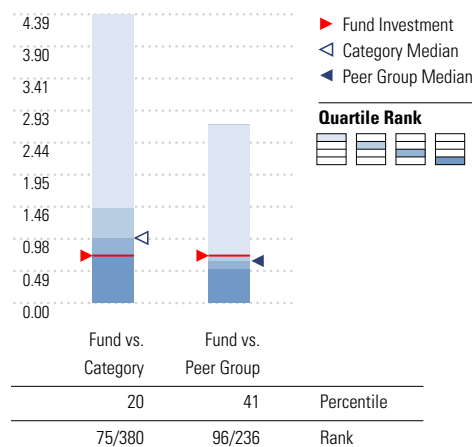
## Growth of \$10,000



## 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

	Fund	Bmark	Cat
Alpha	4.62	-	3.51
Beta	0.83	-	0.81
R-Squared	78.10	-	68.58
Standard Deviation	5.76	6.16	6.01
Sharpe Ratio	0.05	-0.80	-0.11
Tracking Error	2.90	-	3.72
Information Ratio	1.78	-	1.13
Up Capture Ratio	100.95	-	94.09
Down Capture Ratio	47.83	-	54.19

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	3.83	4.55	4.68
Avg Eff Maturity	5.90	7.69	7.26

# PIMCO Income I2 PONPX

**Morningstar Category**  
Multisector Bond

**Morningstar Index**  
Bloomberg US Universal TR USD

## Style Analysis as of 06-30-2023

### Style Breakdown



## Asset Allocation as of 06-30-2023

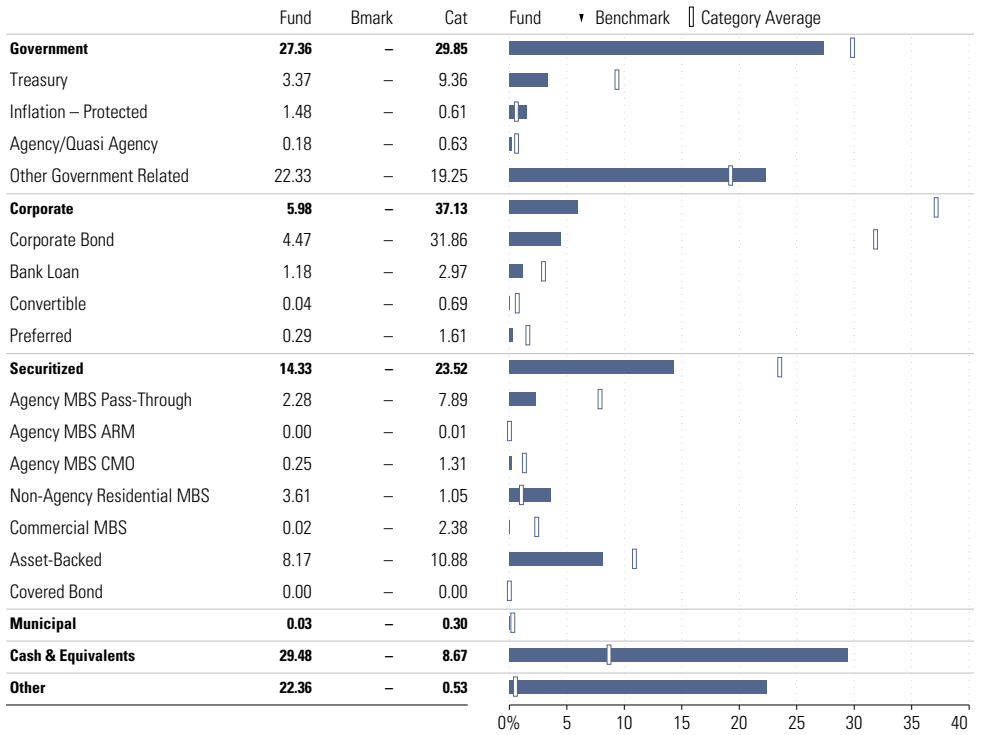


Asset Class	Net %	Cat%
US Stocks	1.15	1.07
Non-US Stocks	0.36	0.12
Bonds	129.67	95.94
Cash	-31.68	0.73
Other	0.52	2.16
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

### Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	48.99	67.64	23.08
AA	4.79	3.23	4.30
A	4.16	10.03	8.85
BBB	14.85	10.89	23.74
BB	14.13	3.19	17.69
B	4.43	3.64	12.71
Below B	8.66	1.38	4.11
Not Rated	0.00	0.00	5.51

## Sector Weighting as of 06-30-2023



## Top 10 Holdings as of 06-30-2023

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

# PIMCO Short-Term I2 PTSPX

**Morningstar Category**  
Ultrashort Bond

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

## Portfolio Manager(s)

Jerome Schneider since 01-2011  
Nathan Chiaverini since 04-2019  
Andrew Wittkop since 04-2019

## Quantitative Screens

✔ **Performance:** The fund has finished in the Ultrashort Bond 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 12.5 years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.55 is 22.22% higher than the Ultrashort Bond category average.

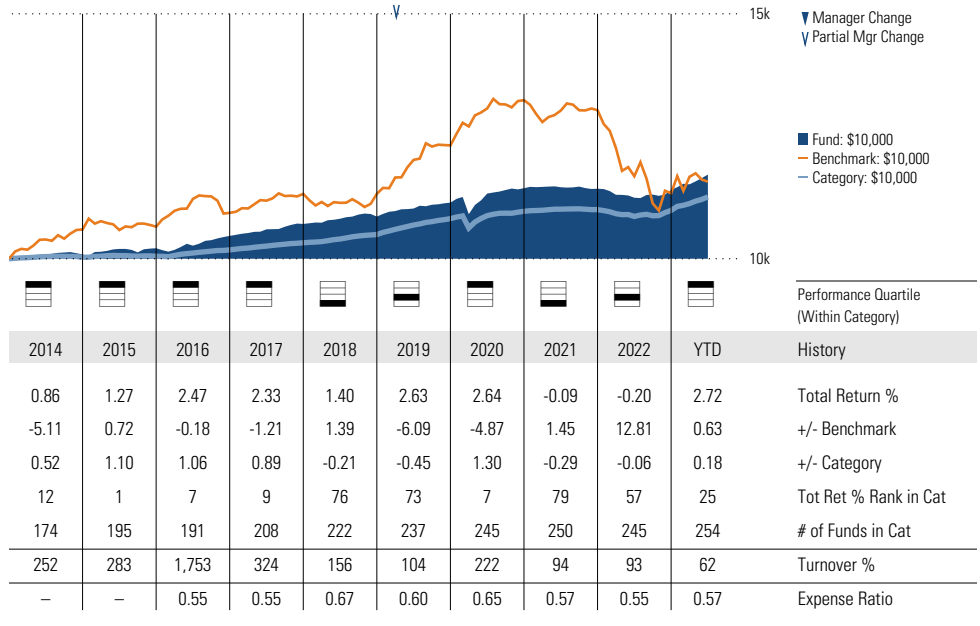
## Morningstar Investment Management LLC Analysis

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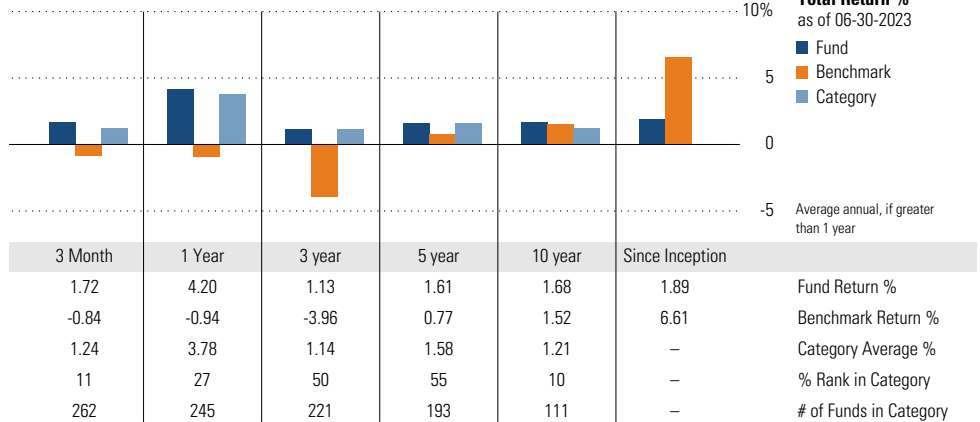
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023

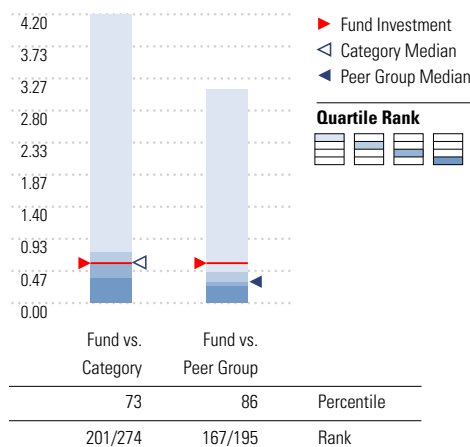
## Growth of \$10,000



## 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	1.18	-	1.42
Beta	0.01	-	0.09
R-Squared	0.47	-	28.83
Standard Deviation	1.12	6.17	1.02
Sharpe Ratio	-0.49	-0.89	-0.85
Tracking Error	6.20	-	5.72
Information Ratio	0.82	-	0.88
Up Capture Ratio	4.92	-	15.48
Down Capture Ratio	-7.99	-	-1.16

## Portfolio Metrics

	Fund	Bmark	Cat
Avg Eff Duration	0.09	4.43	0.80
Avg Eff Maturity	-	-	3.20

# PIMCO Short-Term I2 PTSPX

**Morningstar Category**  
Ultrashort Bond

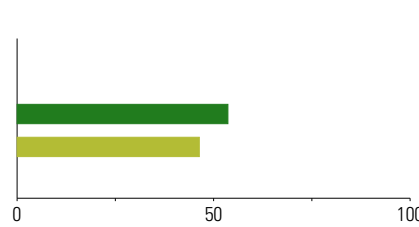
**Morningstar Index**  
Bloomberg US Agg Bond TR USD

## Style Analysis as of 06-30-2023

### Style Breakdown



## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	0.00	0.09
Non-US Stocks	0.00	0.00
Bonds	53.64	70.27
Cash	46.36	29.53
Other	0.00	0.11
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	41.71	3.53	40.12
AA	3.49	74.59	6.26
A	25.35	10.82	20.69
BBB	28.42	8.32	19.45
BB	0.54	0.28	1.49
B	0.30	0.00	1.35
Below B	0.19	0.00	0.31
Not Rated	0.00	2.46	10.33

## Sector Weighting as of 06-30-2023



## Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
✳ Cash Offset	-	38.27	38.27	-
⊕ 3 Month SOFR Future June 23	09-2023	24.63	62.90	-
⊖ CDX IG39 5Y ICE	12-2027	23.56	86.46	-
⊖ 2 Year Treasury Note Future Mar 23	04-2023	15.53	101.99	-
⊖ 5 Year Treasury Note Future Mar 23	04-2023	10.92	112.91	-
⊖ 3 Month SOFR Future June 24	09-2024	9.48	122.39	-
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Pay	01-2023	6.70	129.09	-
⊕ IRS USD R 3ML/1ML+9.75 01/13/22-23 CME Receive	01-2023	6.70	135.79	-
⊕ IRS USD R 3ML/1ML+9.8 01/13/22-23 CME Pay	01-2023	5.13	140.92	-
⊕ IRS USD R 3ML/1ML+9.8 01/13/22-23 CME Receive	01-2023	5.13	146.05	-

## Total Holdings 1172

⊕ 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 7.92 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 3.92% lower than the Target-Date 2000-2010 category average.

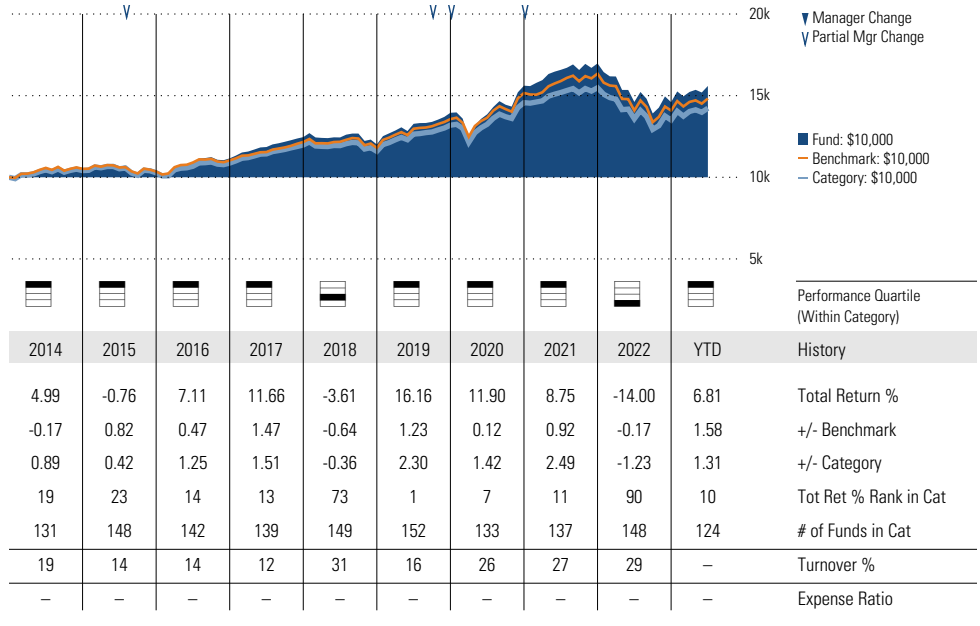
## Morningstar Investment Management LLC Analysis

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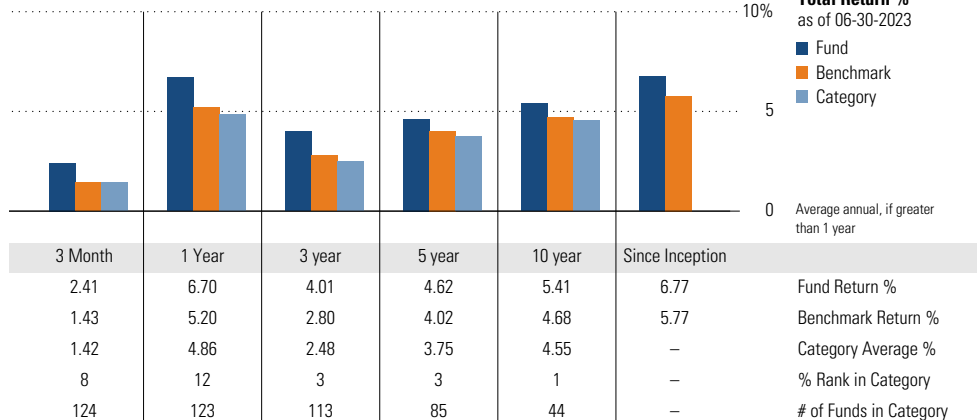
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	05-31-2023
ESG Commitment	1-Low	02-15-2022

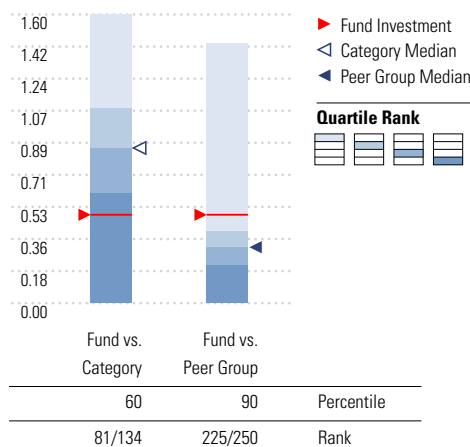
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.16	-	-0.05
Beta	1.01	-	0.87
R-Squared	98.22	-	96.65
Standard Deviation	9.79	9.60	8.46
Sharpe Ratio	0.29	0.17	0.13
Tracking Error	1.31	-	2.02
Information Ratio	0.93	-	-0.06
Up Capture Ratio	104.57	-	85.54
Down Capture Ratio	95.73	-	85.61

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.42	17.79	17.45
Price/Book Ratio	2.64	2.52	2.62
Avg Eff Duration	6.05	-	6.53

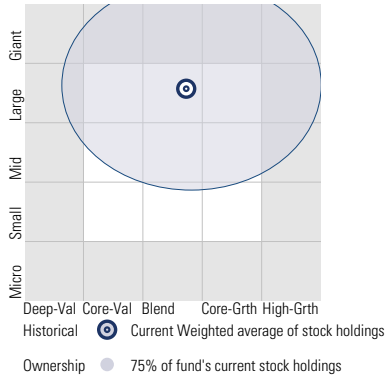
# T. Rowe Price Retirement 2010 TRRAX

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

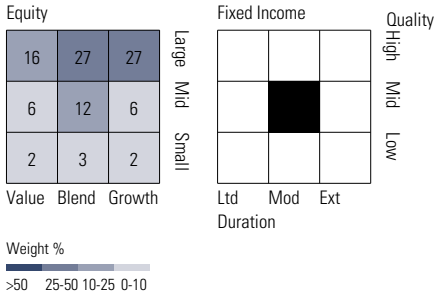
**Morningstar Index**  
Morningstar Lifetime Mod 2010 TR USD

## Style Analysis as of 06-30-2023

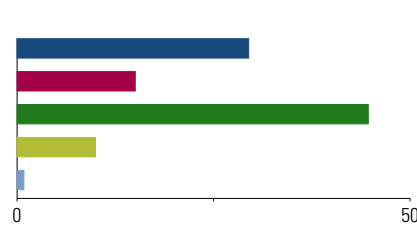
Morningstar Style Box™



## Style Breakdown

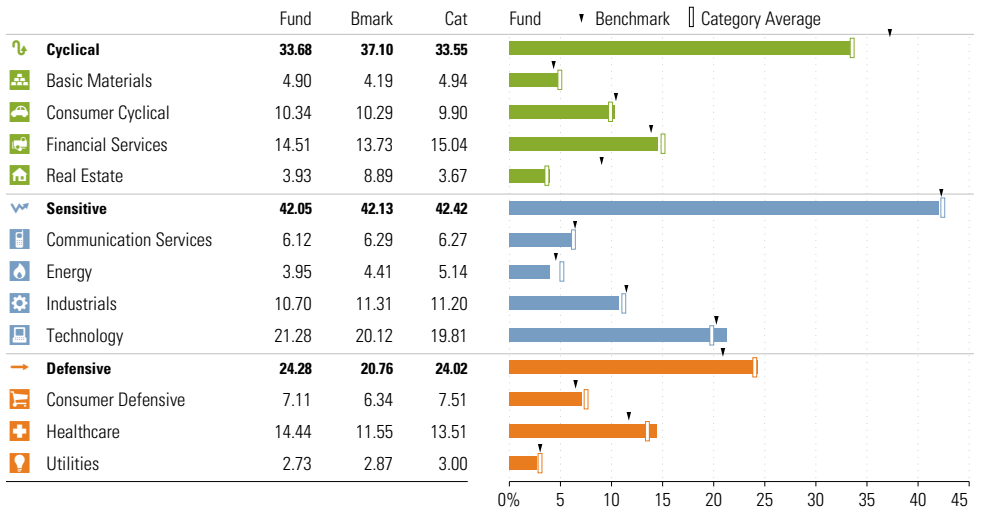


## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	29.46	22.02
Non-US Stocks	15.03	12.75
Bonds	44.68	56.67
Cash	9.97	6.19
Other	0.86	2.36
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Ltd Dur Infl Focus Bd Z	—	14.57	14.57	—	—
⊖ T. Rowe Price New Income Z	—	14.33	28.90	—	—
⊖ T. Rowe Price Growth Stock Z	—	7.47	36.38	—	—
⊖ T. Rowe Price Value Z	—	7.41	43.79	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	—	5.17	48.96	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	4.56	53.53	—	—
⊖ T. Rowe Price Emerging Markets Bond Z	—	3.90	57.43	—	—
⊖ T. Rowe Price Overseas Stock Z	—	3.87	61.30	—	—
⊕ T. Rowe Price US Trs Long-Term Idx Z	—	3.79	65.09	—	—
⊕ T. Rowe Price US Treasury Money Z	—	3.70	68.79	—	—

## 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 7.92 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 10.53% lower than the Target-Date 2015 category average.

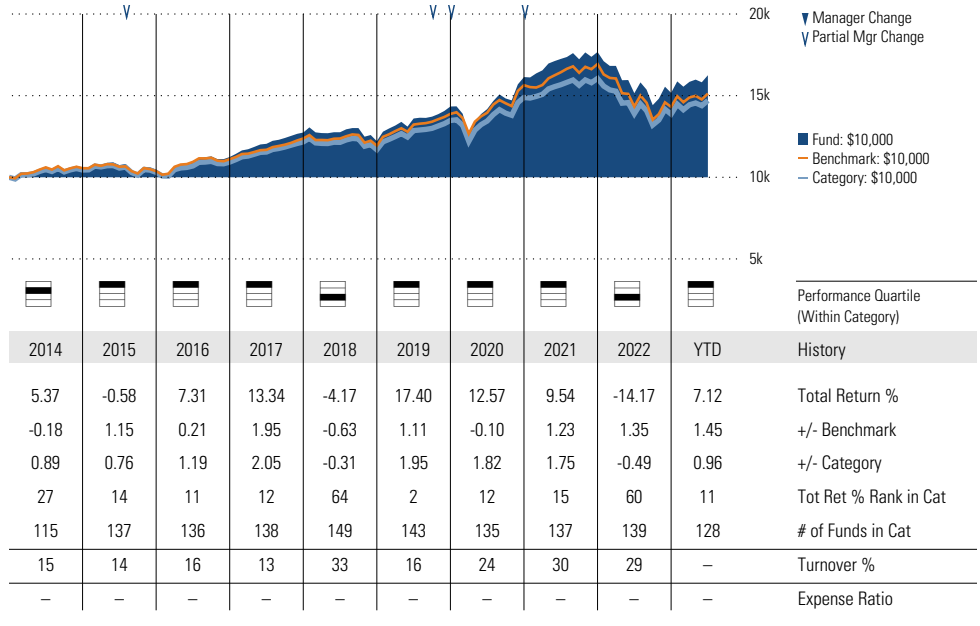
## Morningstar Investment Management LLC Analysis

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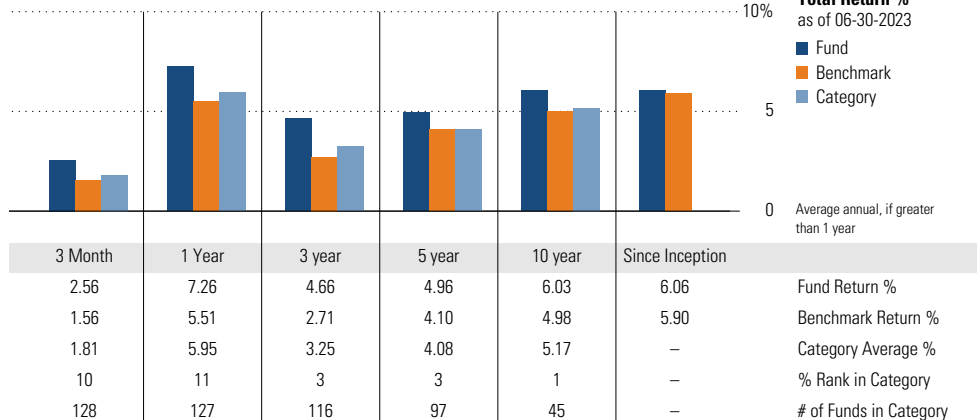
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	05-31-2023
ESG Commitment	1-Low	02-15-2022

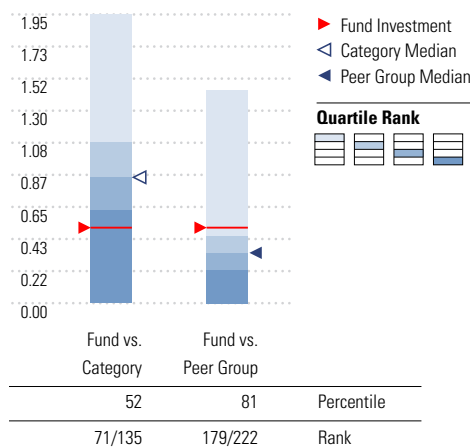
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.98	-	0.84
Beta	0.96	-	0.90
R-Squared	97.60	-	97.46
Standard Deviation	10.25	10.55	9.62
Sharpe Ratio	0.34	0.16	0.22
Tracking Error	1.65	-	1.91
Information Ratio	1.18	-	0.35
Up Capture Ratio	101.81	-	92.36
Down Capture Ratio	88.11	-	86.50

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.48	17.61	17.44
Price/Book Ratio	2.65	2.48	2.60
Avg Eff Duration	6.14	-	5.59

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

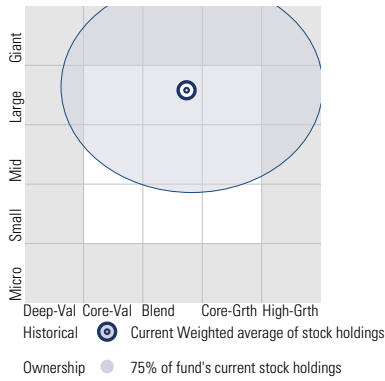
# T. Rowe Price Retirement 2015 TRRGX

**Morningstar Category**  
Target-Date 2015

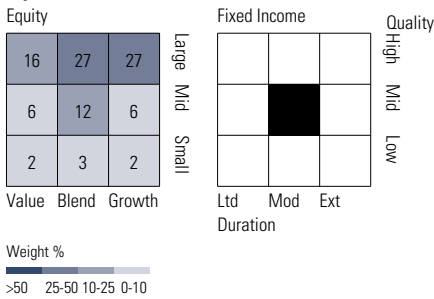
**Morningstar Index**  
Morningstar Lifetime Mod 2015 TR USD

## Style Analysis as of 06-30-2023

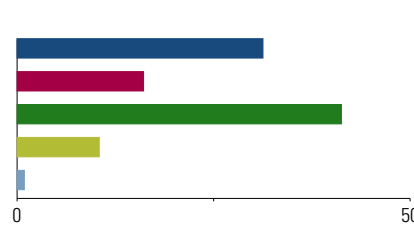
Morningstar Style Box™



## Style Breakdown

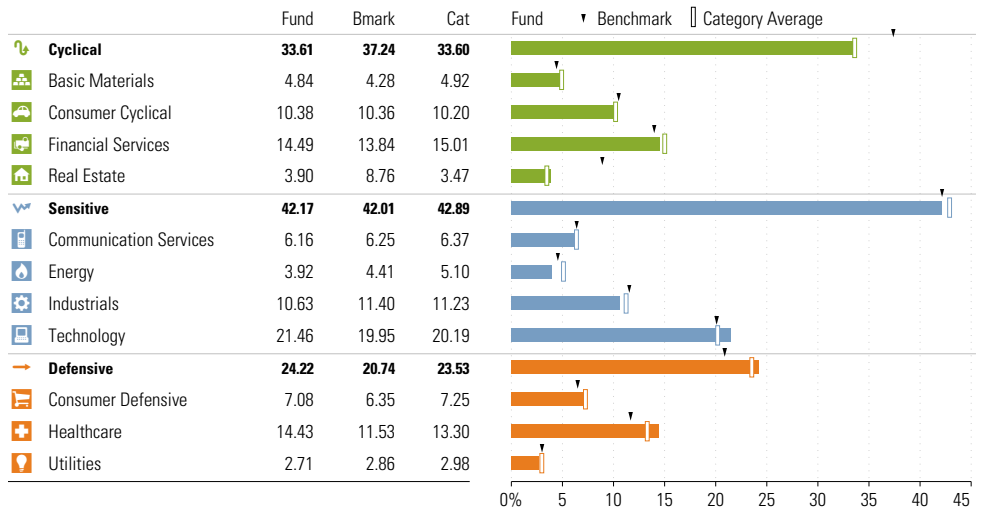


## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	31.28	24.66
Non-US Stocks	16.09	14.31
Bonds	41.26	51.53
Cash	10.45	4.47
Other	0.92	5.01
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price New Income Z	—	13.90	13.90	—	—
⊖ T. Rowe Price Ltd Dur Infl Focus Bd Z	—	12.33	26.23	—	—
⊖ T. Rowe Price Growth Stock Z	—	8.29	34.52	—	—
⊖ T. Rowe Price Value Z	—	7.92	42.45	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	5.18	47.63	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	—	5.01	52.64	—	—
⊖ T. Rowe Price Overseas Stock Z	—	4.15	56.79	—	—
⊖ T. Rowe Price Emerging Markets Bond Z	—	3.74	60.53	—	—
⊕ T. Rowe Price US Trs Long-Term Idx Z	—	3.63	64.16	—	—
⊕ T. Rowe Price Dynamic Global Bond Z	—	3.58	67.74	—	—

## 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 7.92 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 8.62% lower than the Target-Date 2020 category average.

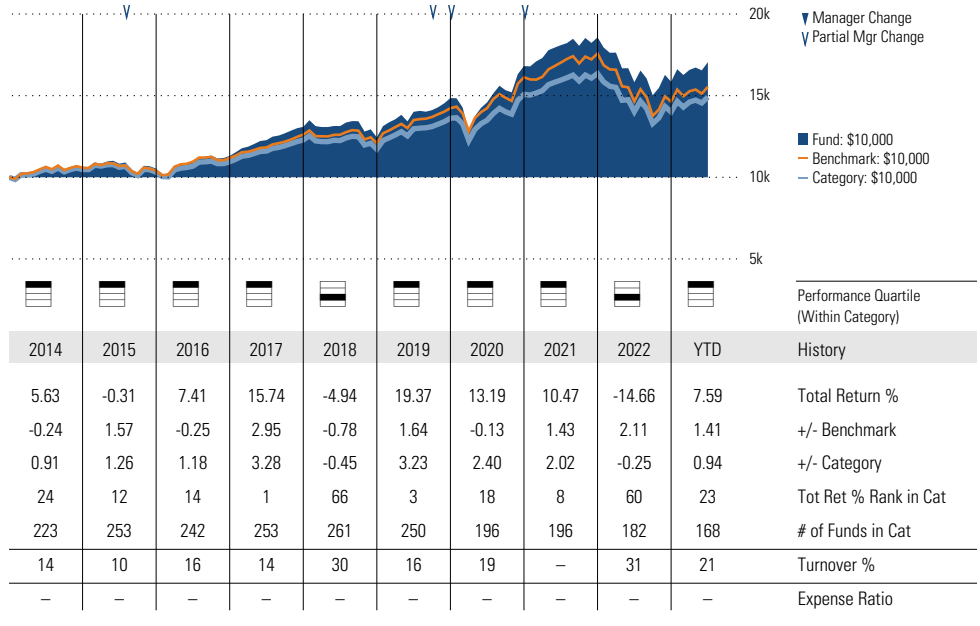
## Morningstar Investment Management LLC Analysis

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.

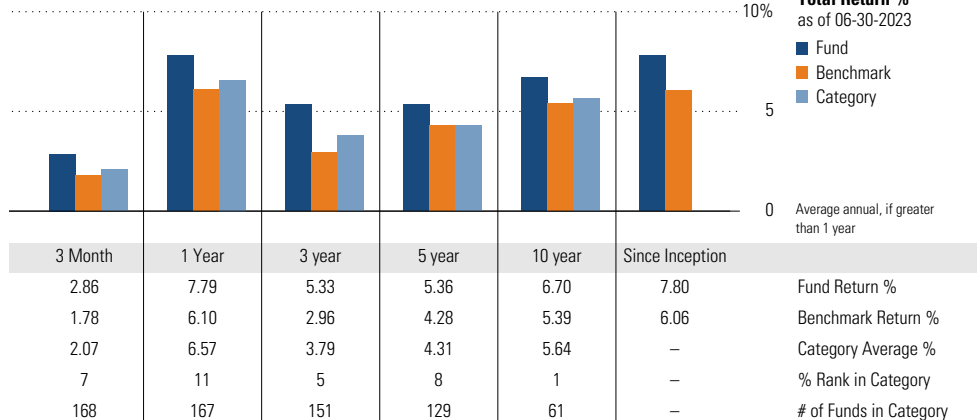
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	05-31-2023
ESG Commitment	1-Low	02-15-2022

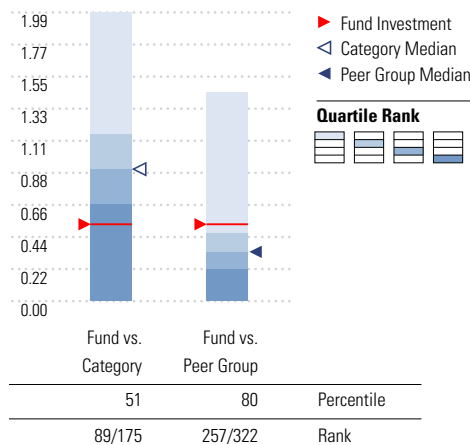
## Growth of \$10,000



## 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	2.45	-	1.08
Beta	0.93	-	0.88
R-Squared	97.36	-	97.30
Standard Deviation	10.85	11.49	10.23
Sharpe Ratio	0.39	0.17	0.25
Tracking Error	1.93	-	2.28
Information Ratio	1.23	-	0.42
Up Capture Ratio	100.06	-	91.21
Down Capture Ratio	84.41	-	84.32

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.47	17.42	17.71
Price/Book Ratio	2.65	2.45	2.54
Avg Eff Duration	6.28	-	5.71

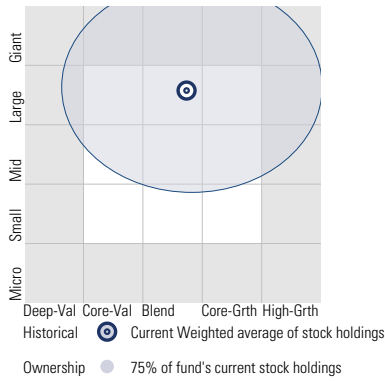
# T. Rowe Price Retirement 2020 TRRBX

**Morningstar Category**  
Target-Date 2020

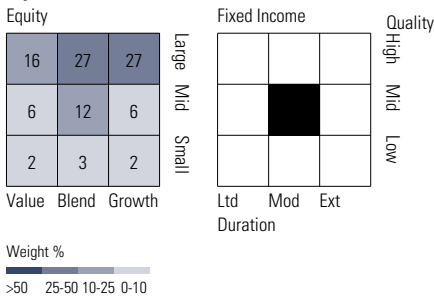
**Morningstar Index**  
Morningstar Lifetime Mod 2020 TR USD

## Style Analysis as of 06-30-2023

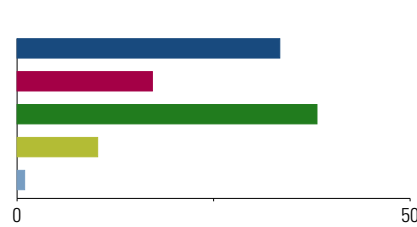
Morningstar Style Box™



## Style Breakdown

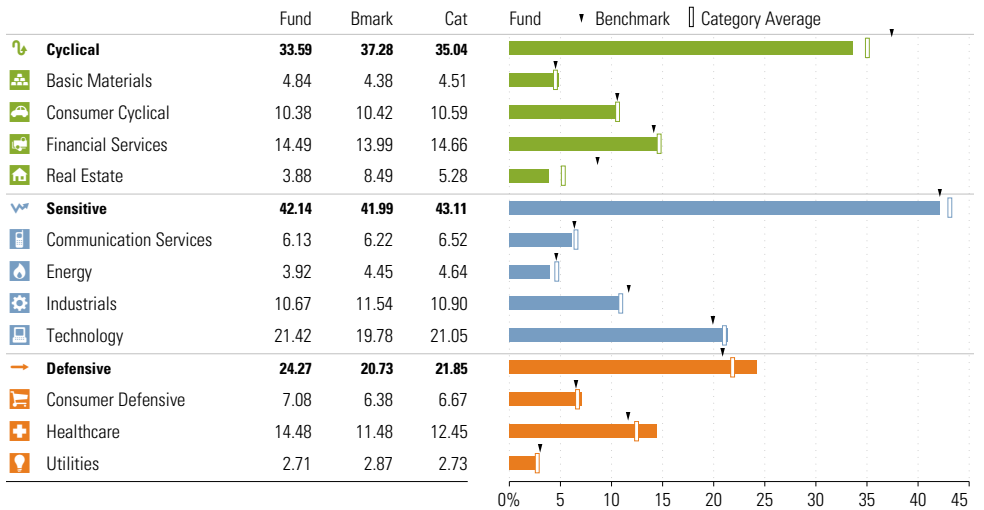


## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	33.42	25.00
Non-US Stocks	17.21	14.11
Bonds	38.15	50.06
Cash	10.25	2.65
Other	0.96	8.18
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price New Income Z	—	13.41	13.41	—	—
⊖ T. Rowe Price Ltd Dur Infl Focus Bd Z	—	10.41	23.82	—	—
⊖ T. Rowe Price Growth Stock Z	—	8.78	32.60	—	—
⊖ T. Rowe Price Value Z	—	8.54	41.15	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	5.42	46.57	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	—	4.76	51.33	—	—
⊖ T. Rowe Price Overseas Stock Z	—	4.40	55.72	—	—
⊖ T. Rowe Price International Value Eq Z	—	3.82	59.54	—	—
⊖ T. Rowe Price International Stock Z	—	3.71	63.25	—	—
⊕ T. Rowe Price US Trs Long-Term Idx Z	—	3.62	66.87	—	—

## 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 7.92 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 9.84% lower than the Target-Date 2025 category average.

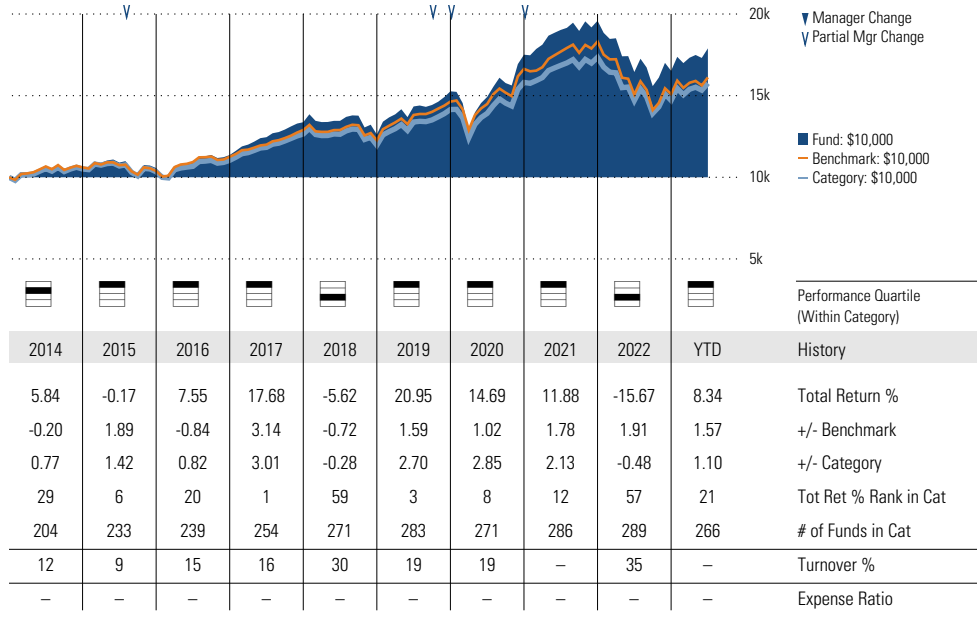
## Morningstar Investment Management LLC Analysis

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.

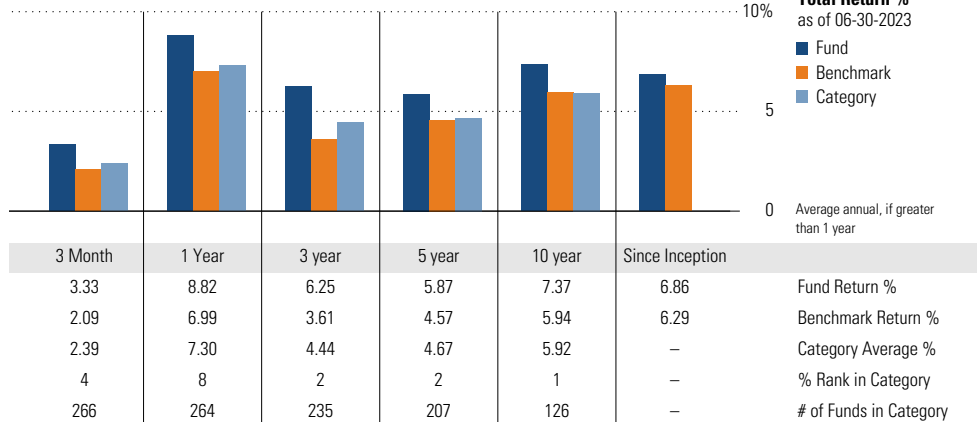
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

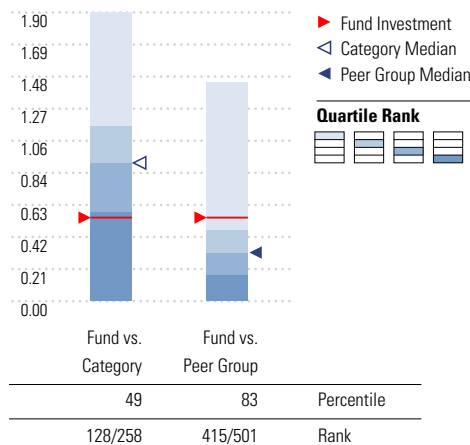
## Growth of \$10,000



## 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	2.68	-	1.10
Beta	0.95	-	0.88
R-Squared	97.49	-	97.72
Standard Deviation	11.95	12.43	11.02
Sharpe Ratio	0.43	0.22	0.29
Tracking Error	2.00	-	2.40
Information Ratio	1.32	-	0.44
Up Capture Ratio	105.70	-	92.16
Down Capture Ratio	90.74	-	85.92

## Portfolio Metrics

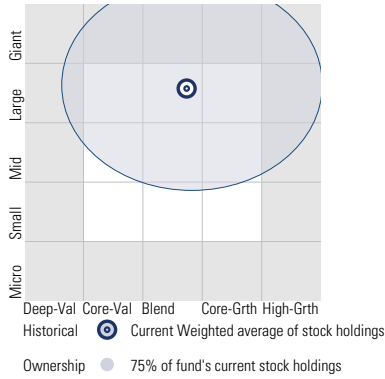
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.48	17.22	17.76
Price/Book Ratio	2.65	2.41	2.54
Avg Eff Duration	6.57	-	6.76

# T. Rowe Price Retirement 2025 TRRHX

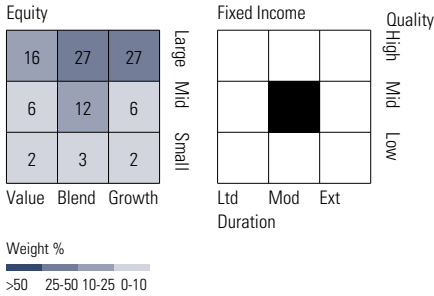
**Morningstar Category**  
Target-Date 2025

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

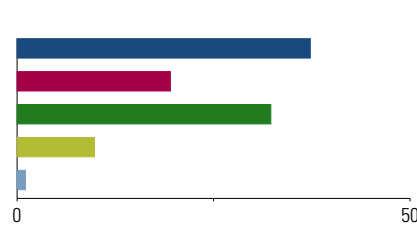
**Style Analysis** as of 06-30-2023  
Morningstar Style Box™



**Style Breakdown**

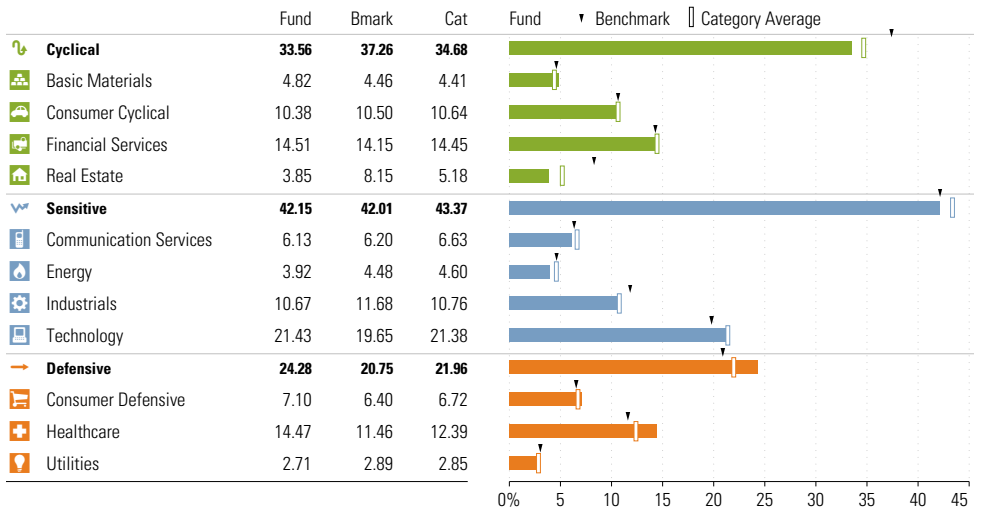


**Asset Allocation** as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	37.30	28.15
Non-US Stocks	19.50	15.03
Bonds	32.28	42.01
Cash	9.84	3.45
Other	1.06	11.35
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

**Sector Weighting** as of 06-30-2023



**Top 10 Holdings** as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price New Income Z	—	12.15	12.15	—	—
⊖ T. Rowe Price Growth Stock Z	—	9.88	22.04	—	—
⊖ T. Rowe Price Value Z	—	9.65	31.69	—	—
⊕ T. Rowe Price Ltd Dur Infl Focus Bd Z	—	7.43	39.11	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	6.14	45.25	—	—
⊖ T. Rowe Price Overseas Stock Z	—	4.97	50.22	—	—
⊖ T. Rowe Price International Value Eq Z	—	4.30	54.51	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	—	4.29	58.80	—	—
⊖ T. Rowe Price International Stock Z	—	4.26	63.06	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	3.86	66.93	—	—

**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 7.92 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 9.38% lower than the Target-Date 2030 category average.

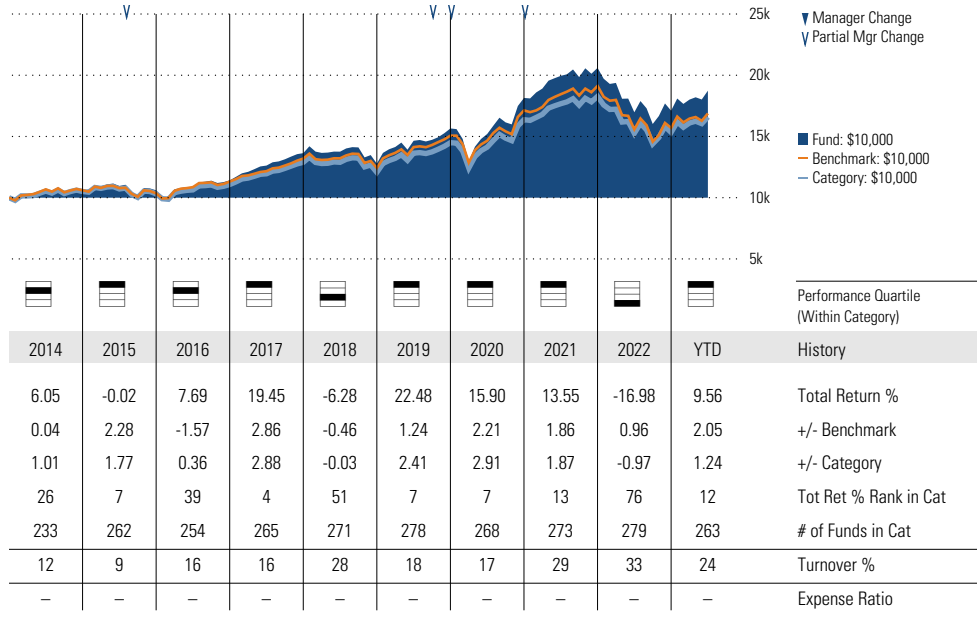
## Morningstar Investment Management LLC Analysis

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	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

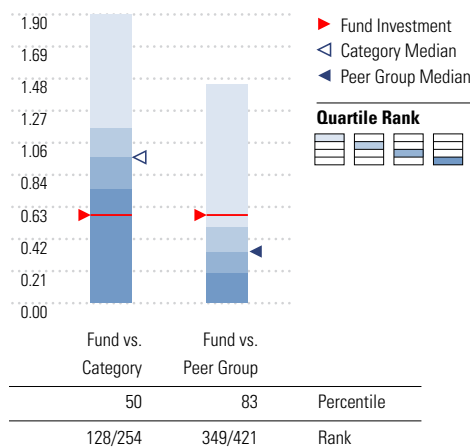
## Growth of \$10,000



## 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	2.36	-	1.21
Beta	0.98	-	0.92
R-Squared	97.96	-	98.19
Standard Deviation	13.34	13.47	12.47
Sharpe Ratio	0.47	0.30	0.38
Tracking Error	1.92	-	2.14
Information Ratio	1.24	-	0.54
Up Capture Ratio	106.45	-	96.23
Down Capture Ratio	94.54	-	90.07

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.47	17.03	17.93
Price/Book Ratio	2.65	2.38	2.64
Avg Eff Duration	7.30	-	7.19

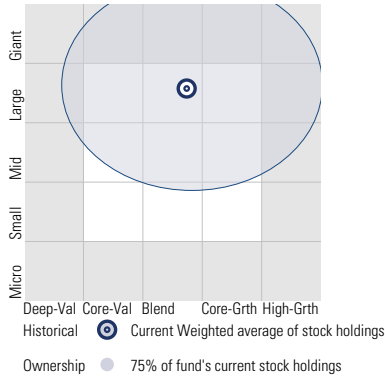
# T. Rowe Price Retirement 2030 TRRCX

**Morningstar Category**  
Target-Date 2030

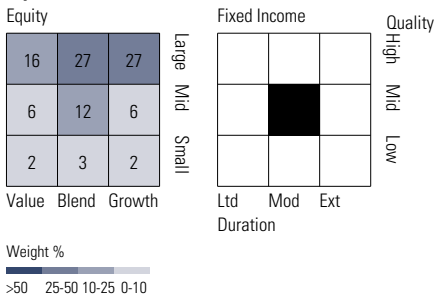
**Morningstar Index**  
Morningstar Lifetime Mod 2030 TR USD

## Style Analysis as of 06-30-2023

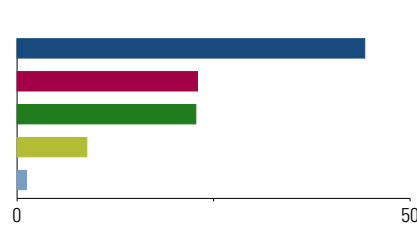
Morningstar Style Box™



## Style Breakdown

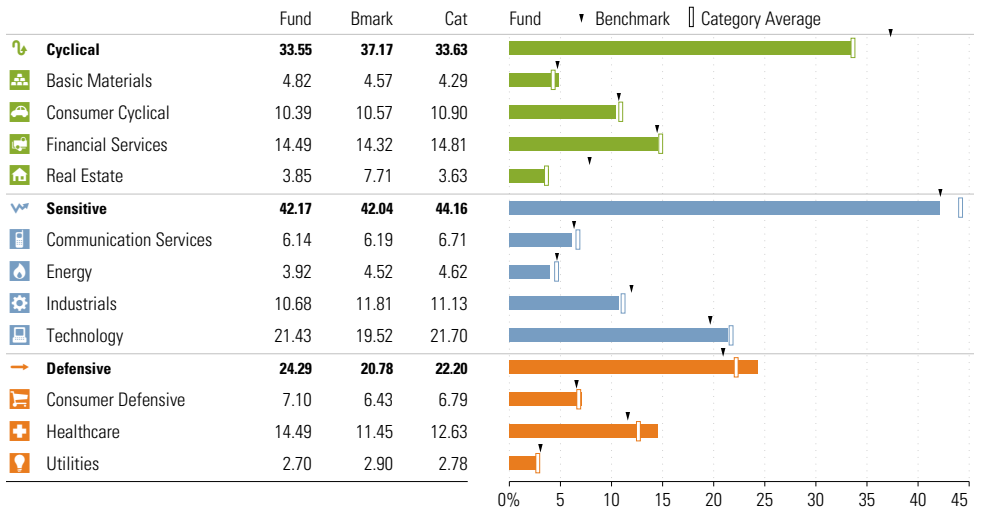


## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	44.23	35.05
Non-US Stocks	22.95	18.46
Bonds	22.74	33.00
Cash	8.87	1.61
Other	1.20	11.89
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	–	11.68	11.68	–	–
⊖ T. Rowe Price Value Z	–	11.35	23.03	–	–
⊕ T. Rowe Price New Income Z	–	9.90	32.93	–	–
⊖ T. Rowe Price Equity Index 500 Z	–	7.10	40.03	–	–
⊖ T. Rowe Price Overseas Stock Z	–	5.87	45.91	–	–
⊖ T. Rowe Price International Value Eq Z	–	5.07	50.97	–	–
⊖ T. Rowe Price International Stock Z	–	4.99	55.97	–	–
⊕ T. Rowe Price US Large-Cap Core Z	–	4.58	60.54	–	–
⊕ T. Rowe Price US Trs Long-Term Idx Z	–	3.73	64.27	–	–
⊕ T. Rowe Price Intl Bd (USD Hdgd) Z	–	3.45	67.72	–	–

## 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 7.92 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 6.35% lower than the Target-Date 2035 category average.

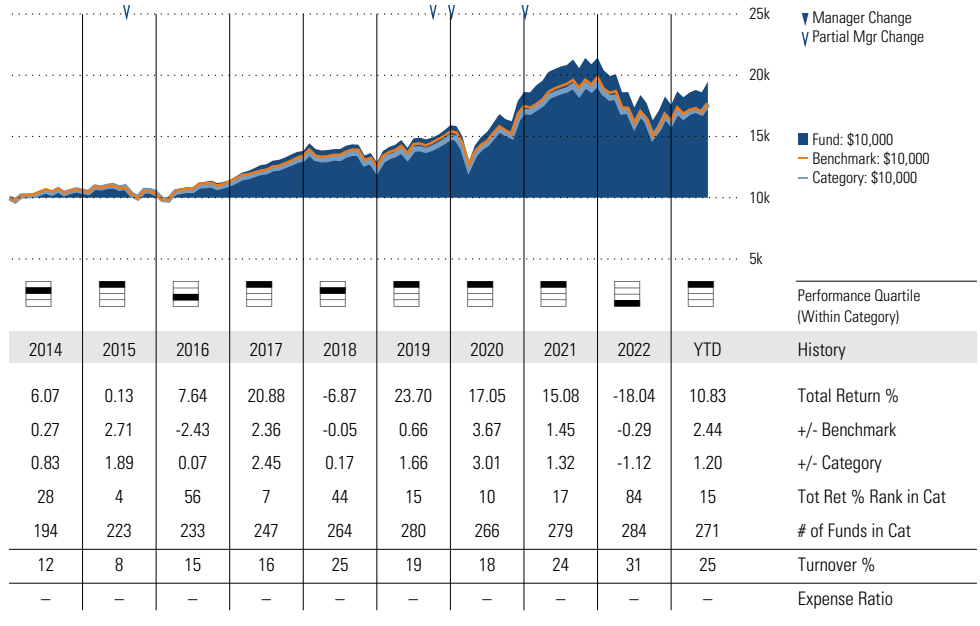
## Morningstar Investment Management LLC Analysis

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.

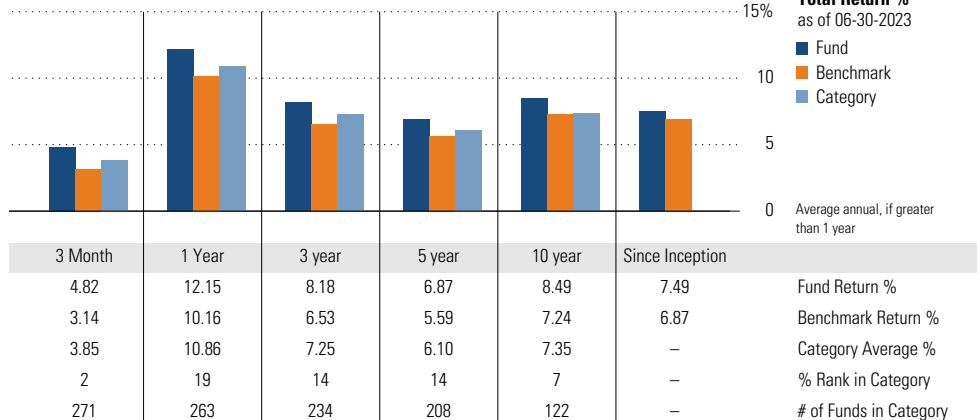
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

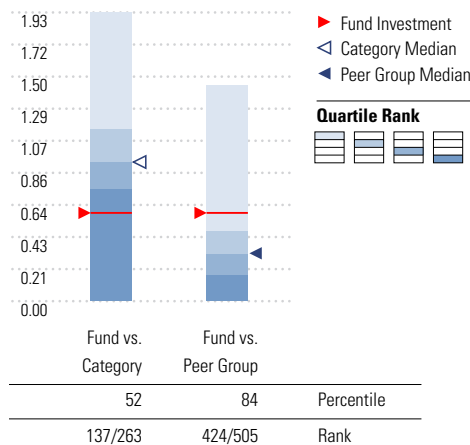
## Growth of \$10,000



## 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	1.59	-	0.98
Beta	0.99	-	0.95
R-Squared	98.53	-	98.41
Standard Deviation	14.60	14.58	13.97
Sharpe Ratio	0.50	0.40	0.46
Tracking Error	1.77	-	2.04
Information Ratio	0.93	-	0.47
Up Capture Ratio	104.82	-	98.75
Down Capture Ratio	97.64	-	94.39

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.48	16.84	17.69
Price/Book Ratio	2.65	2.35	2.57
Avg Eff Duration	8.10	-	7.46

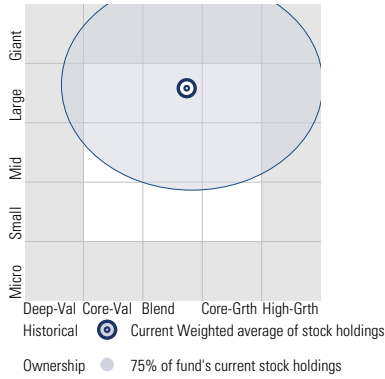
# T. Rowe Price Retirement 2035 TRRJX

**Morningstar Category**  
Target-Date 2035

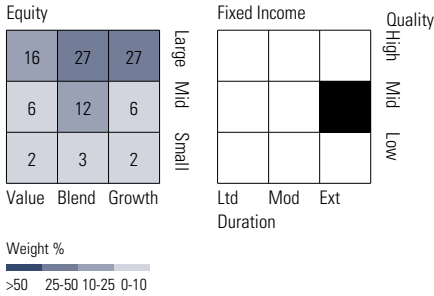
**Morningstar Index**  
Morningstar Lifetime Mod 2035 TR USD

## Style Analysis as of 06-30-2023

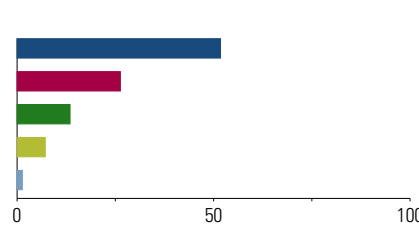
Morningstar Style Box™



## Style Breakdown

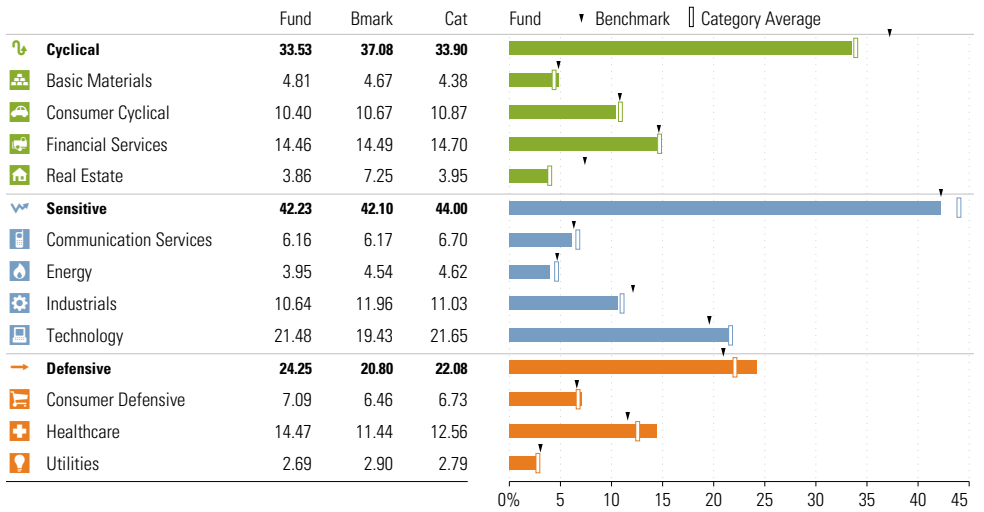


## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	51.76	41.24
Non-US Stocks	26.27	22.19
Bonds	13.47	22.31
Cash	7.16	2.13
Other	1.33	12.14
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	-	13.50	13.50	-	-
⊖ T. Rowe Price Value Z	-	12.95	26.44	-	-
⊖ T. Rowe Price Equity Index 500 Z	-	8.45	34.90	-	-
⊖ T. Rowe Price Overseas Stock Z	-	6.77	41.66	-	-
⊕ T. Rowe Price New Income Z	-	6.74	48.40	-	-
⊖ T. Rowe Price International Value Eq Z	-	5.83	54.23	-	-
⊖ T. Rowe Price International Stock Z	-	5.64	59.88	-	-
⊕ T. Rowe Price US Large-Cap Core Z	-	5.32	65.19	-	-
⊕ T. Rowe Price Real Assets Z	-	3.94	69.13	-	-
⊖ T. Rowe Price Mid-Cap Growth Z	-	3.22	72.35	-	-

## 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 7.92 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 9.09% lower than the Target-Date 2040 category average.

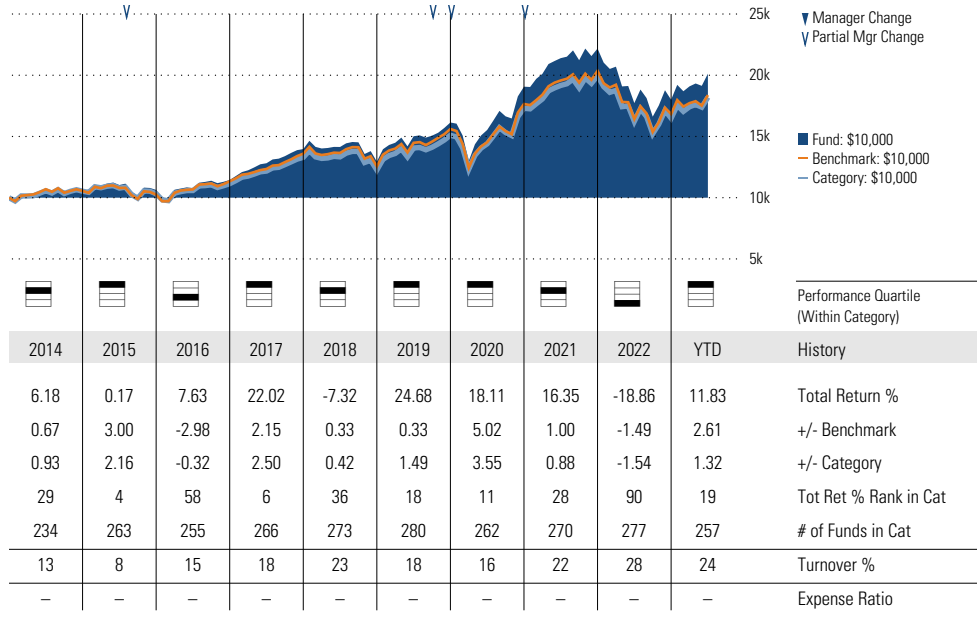
## Morningstar Investment Management LLC Analysis

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.

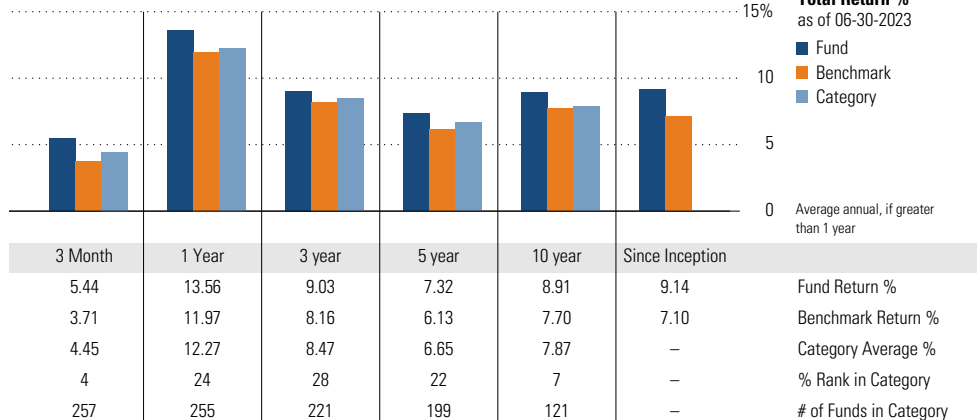
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

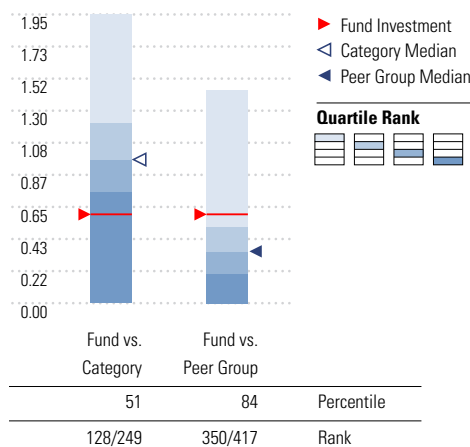
## Growth of \$10,000



## 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	0.84	-	0.57
Beta	1.00	-	0.97
R-Squared	98.61	-	98.41
Standard Deviation	15.66	15.58	15.20
Sharpe Ratio	0.53	0.48	0.51
Tracking Error	1.85	-	2.10
Information Ratio	0.47	-	0.25
Up Capture Ratio	103.14	-	99.54
Down Capture Ratio	99.99	-	97.55

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.48	16.66	17.66
Price/Book Ratio	2.65	2.32	2.57
Avg Eff Duration	8.35	-	8.04

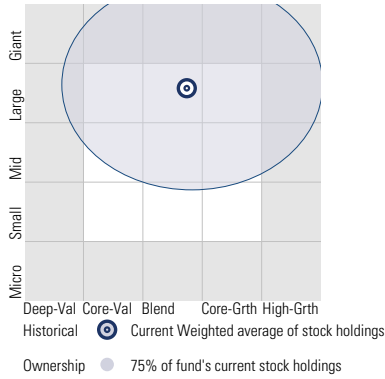
# T. Rowe Price Retirement 2040 TRRDXX

**Morningstar Category**  
Target-Date 2040

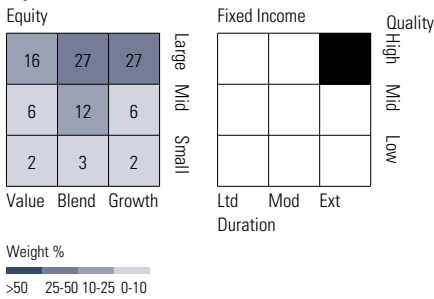
**Morningstar Index**  
Morningstar Lifetime Mod 2040 TR USD

## Style Analysis as of 06-30-2023

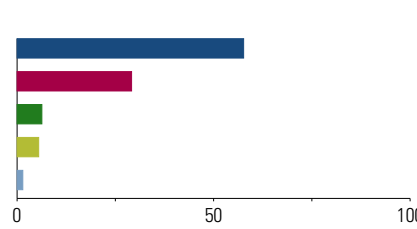
Morningstar Style Box™



## Style Breakdown

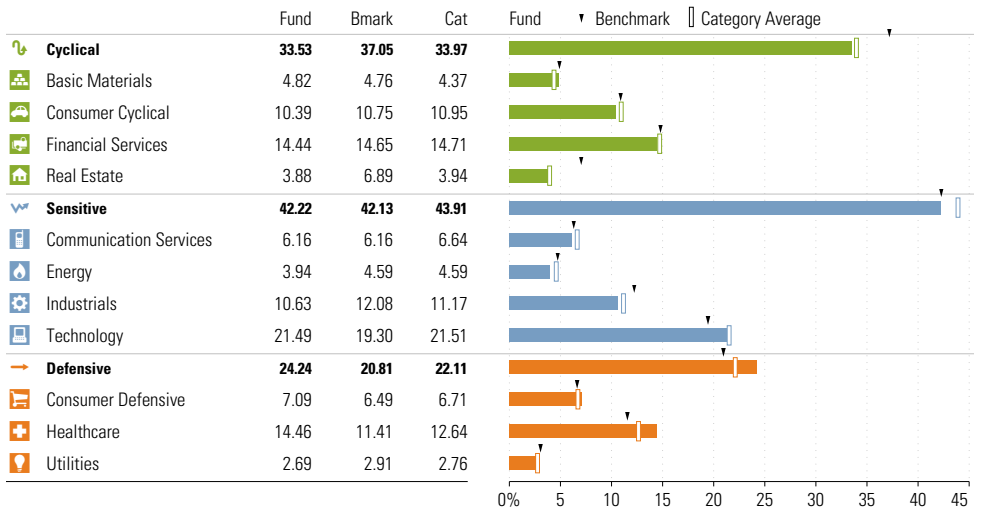


## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	57.64	47.61
Non-US Stocks	29.13	25.98
Bonds	6.30	13.47
Cash	5.49	1.66
Other	1.45	11.27
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	—	14.98	14.98	—	—
⊖ T. Rowe Price Value Z	—	14.30	29.28	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	9.27	38.55	—	—
⊖ T. Rowe Price Overseas Stock Z	—	7.48	46.03	—	—
⊖ T. Rowe Price International Value Eq Z	—	6.47	52.49	—	—
⊖ T. Rowe Price International Stock Z	—	6.26	58.75	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	5.93	64.68	—	—
⊕ T. Rowe Price Real Assets Z	—	4.41	69.09	—	—
⊖ T. Rowe Price Mid-Cap Growth Z	—	3.58	72.66	—	—
⊖ T. Rowe Price Mid-Cap Value Z	—	3.26	75.92	—	—

## 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 7.92 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 4.62% lower than the Target-Date 2045 category average.

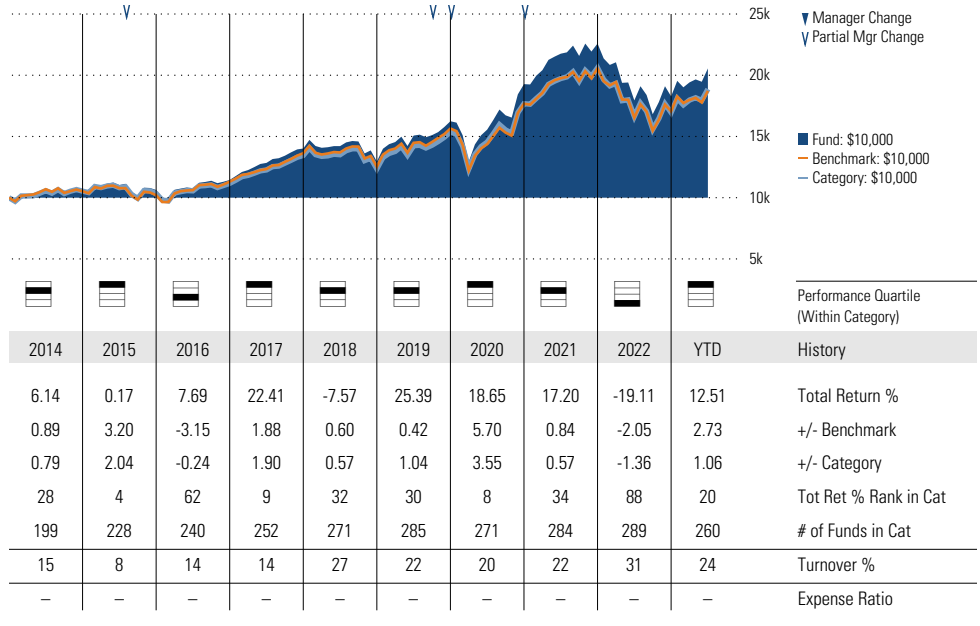
## Morningstar Investment Management LLC Analysis

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.

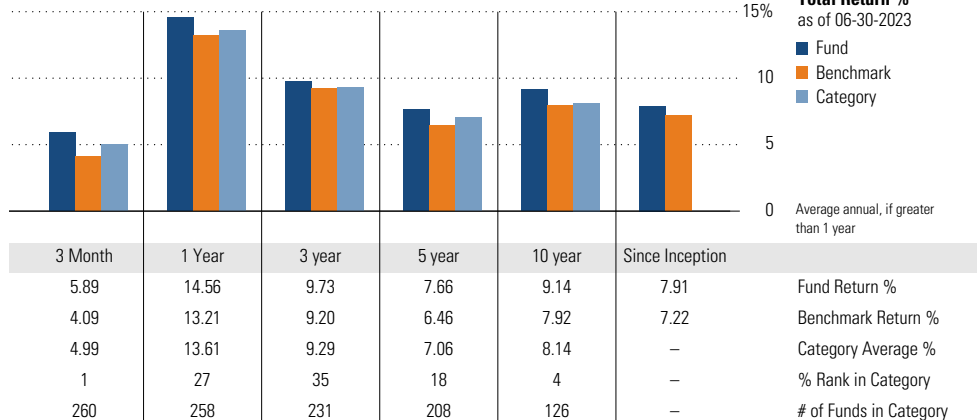
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

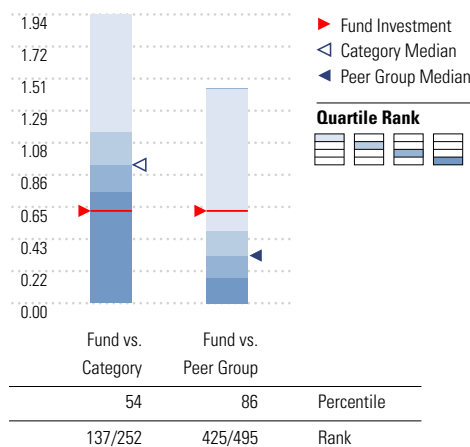
## Growth of \$10,000



## 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	0.56	-	0.32
Beta	0.99	-	0.98
R-Squared	98.58	-	98.38
Standard Deviation	16.25	16.24	15.96
Sharpe Ratio	0.56	0.52	0.54
Tracking Error	1.94	-	2.17
Information Ratio	0.27	-	0.12
Up Capture Ratio	102.16	-	99.96
Down Capture Ratio	100.48	-	99.40

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.50	16.50	17.62
Price/Book Ratio	2.66	2.29	2.54
Avg Eff Duration	8.94	-	8.99

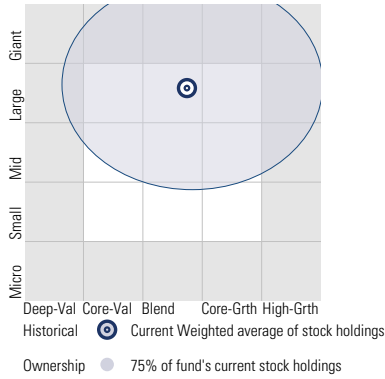
# T. Rowe Price Retirement 2045 TRRKX

**Morningstar Category**  
Target-Date 2045

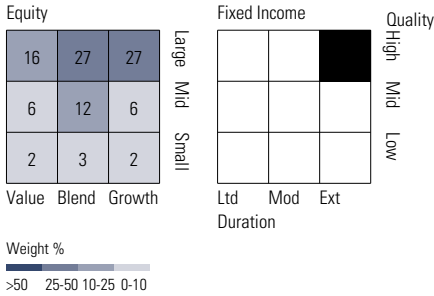
**Morningstar Index**  
Morningstar Lifetime Mod 2045 TR USD

## Style Analysis as of 06-30-2023

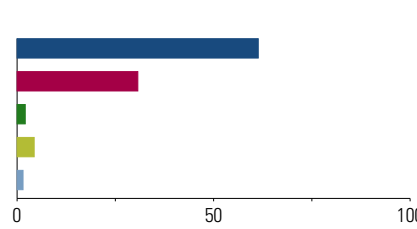
Morningstar Style Box™



## Style Breakdown

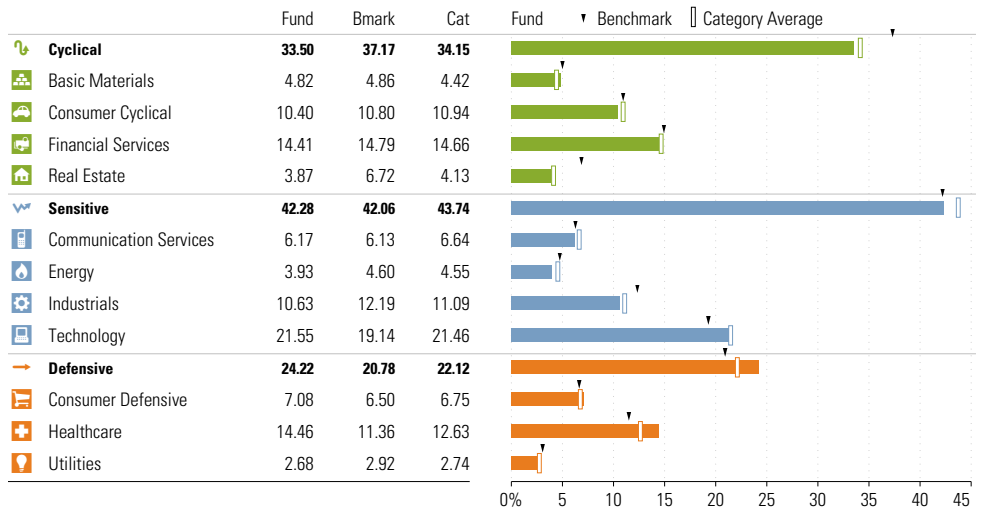


## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	61.36	51.33
Non-US Stocks	30.72	28.19
Bonds	2.07	7.89
Cash	4.34	1.45
Other	1.51	11.14
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	—	15.87	15.87	—	—
⊖ T. Rowe Price Value Z	—	14.99	30.86	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	10.06	40.92	—	—
⊖ T. Rowe Price Overseas Stock Z	—	7.92	48.84	—	—
⊖ T. Rowe Price International Value Eq Z	—	6.83	55.67	—	—
⊖ T. Rowe Price International Stock Z	—	6.60	62.27	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	6.30	68.57	—	—
⊕ T. Rowe Price Real Assets Z	—	4.67	73.24	—	—
⊕ T. Rowe Price Mid-Cap Growth Z	—	3.78	77.02	—	—
⊖ T. Rowe Price Mid-Cap Value Z	—	3.40	80.42	—	—

## 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 7.92 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 5.97% lower than the Target-Date 2050 category average.

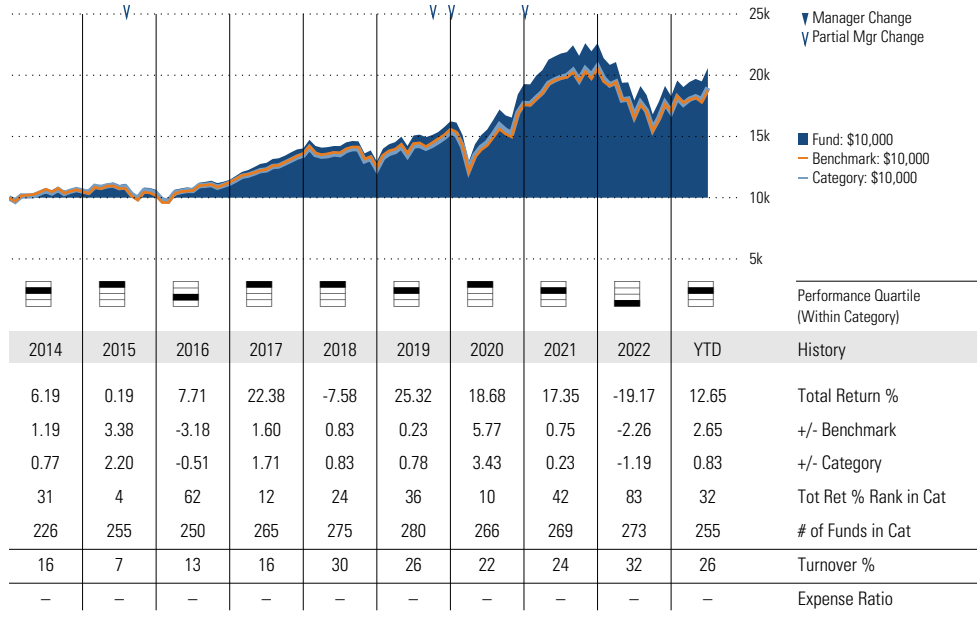
## Morningstar Investment Management LLC Analysis

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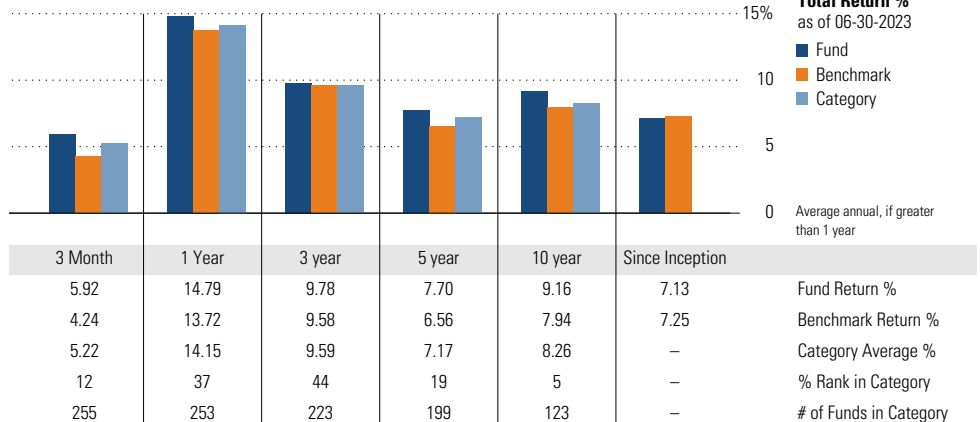
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

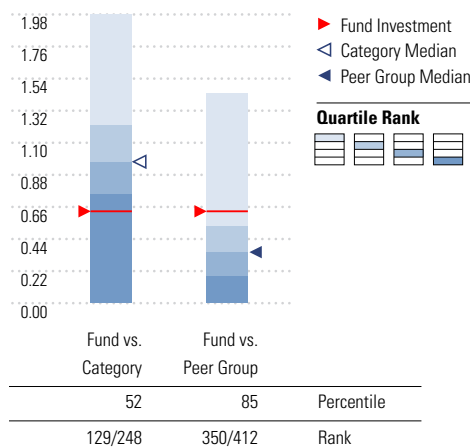
## Growth of \$10,000



## 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	0.34	-	0.18
Beta	0.98	-	0.98
R-Squared	98.46	-	98.25
Standard Deviation	16.37	16.51	16.35
Sharpe Ratio	0.56	0.54	0.54
Tracking Error	2.05	-	2.22
Information Ratio	0.10	-	0.04
Up Capture Ratio	101.07	-	100.57
Down Capture Ratio	100.57	-	100.75

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.50	16.35	17.63
Price/Book Ratio	2.66	2.26	2.54
Avg Eff Duration	7.95	-	10.12

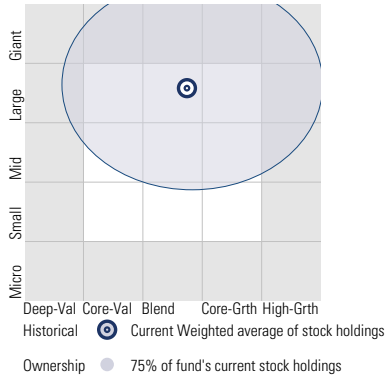
# T. Rowe Price Retirement 2050 TRRMX

**Morningstar Category**  
Target-Date 2050

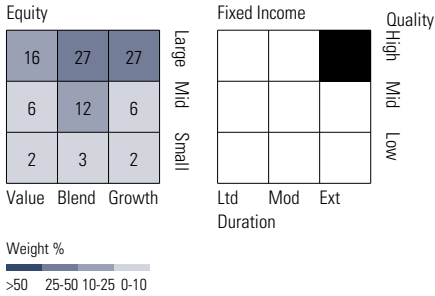
**Morningstar Index**  
Morningstar Lifetime Mod 2050 TR USD

## Style Analysis as of 06-30-2023

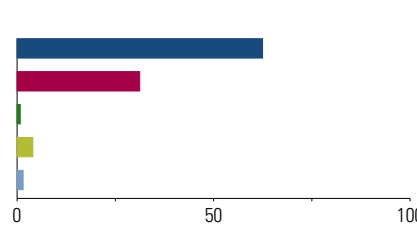
Morningstar Style Box™



## Style Breakdown

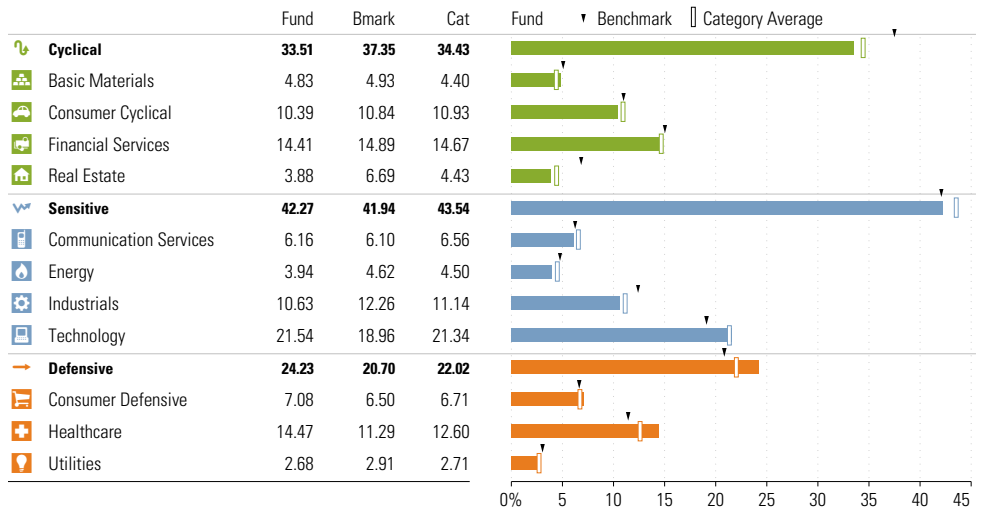


## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	62.46	53.68
Non-US Stocks	31.20	29.22
Bonds	0.80	5.41
Cash	4.00	1.41
Other	1.53	10.27
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	—	16.12	16.12	—	—
⊖ T. Rowe Price Value Z	—	15.22	31.35	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	10.18	41.53	—	—
⊖ T. Rowe Price Overseas Stock Z	—	8.06	49.59	—	—
⊖ T. Rowe Price International Value Eq Z	—	6.95	56.54	—	—
⊖ T. Rowe Price International Stock Z	—	6.69	63.24	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	6.40	69.64	—	—
⊕ T. Rowe Price Real Assets Z	—	4.78	74.42	—	—
⊕ T. Rowe Price Mid-Cap Growth Z	—	3.84	78.26	—	—
⊖ T. Rowe Price Mid-Cap Value Z	—	3.45	81.71	—	—

## 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 7.92 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 1.54% lower than the Target-Date 2055 category average.

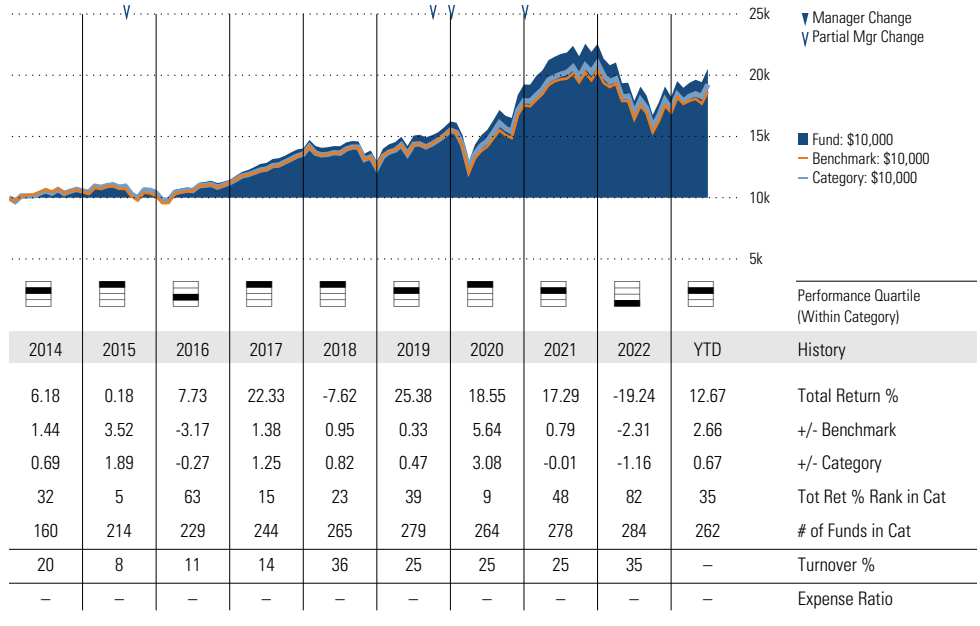
## Morningstar Investment Management LLC Analysis

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.

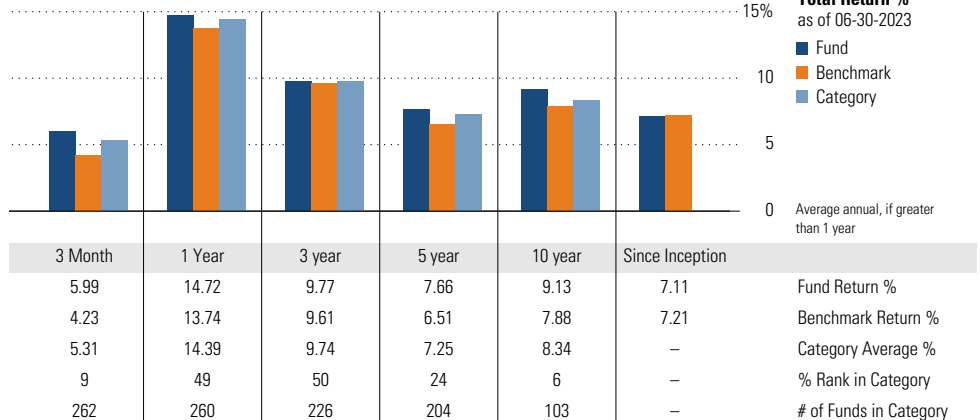
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

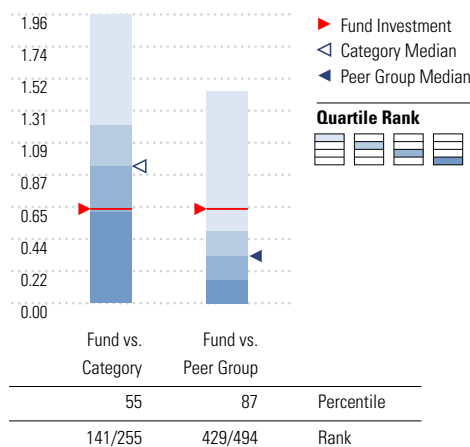
## Growth of \$10,000



## 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	0.32	-	0.25
Beta	0.98	-	0.99
R-Squared	98.40	-	98.16
Standard Deviation	16.41	16.58	16.50
Sharpe Ratio	0.55	0.54	0.55
Tracking Error	2.09	-	2.25
Information Ratio	0.08	-	0.08
Up Capture Ratio	100.98	-	101.37
Down Capture Ratio	100.65	-	101.40

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.49	16.22	17.33
Price/Book Ratio	2.66	2.23	2.50
Avg Eff Duration	7.82	-	10.83

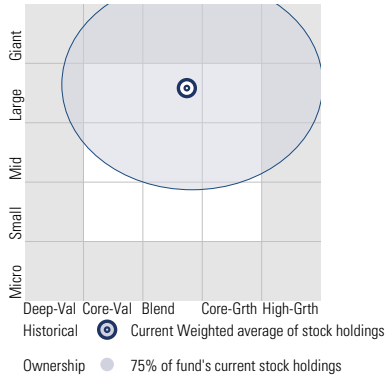
# T. Rowe Price Retirement 2055 TRRNX

**Morningstar Category**  
Target-Date 2055

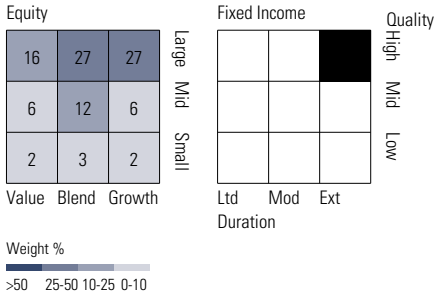
**Morningstar Index**  
Morningstar Lifetime Mod 2055 TR USD

## Style Analysis as of 06-30-2023

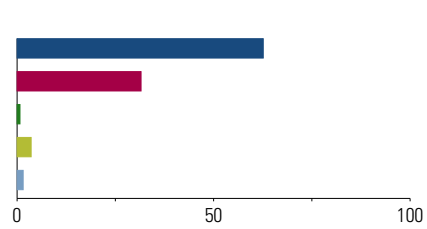
Morningstar Style Box™



## Style Breakdown

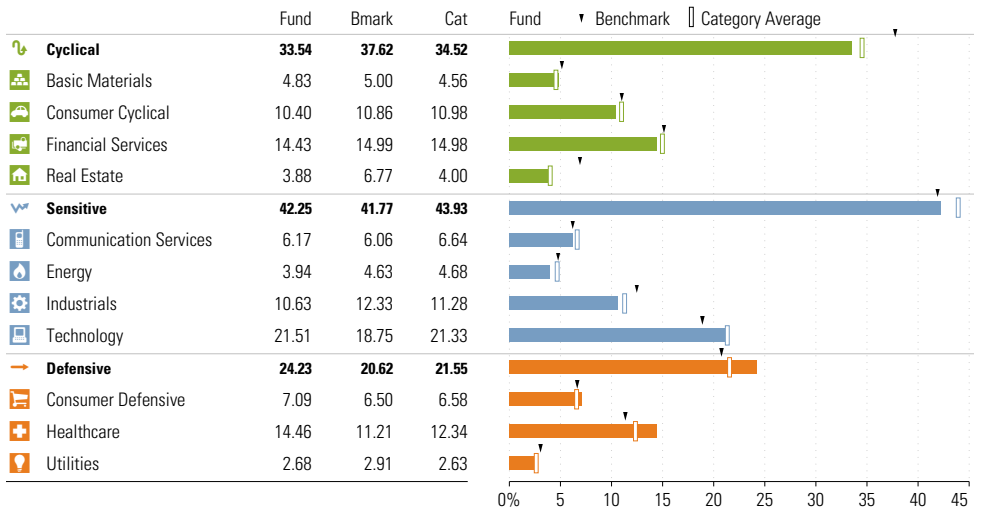


## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	62.63	51.72
Non-US Stocks	31.54	30.27
Bonds	0.73	6.26
Cash	3.57	1.25
Other	1.54	10.51
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	—	16.23	16.23	—	—
⊖ T. Rowe Price Value Z	—	15.48	31.71	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	10.24	41.95	—	—
⊖ T. Rowe Price Overseas Stock Z	—	8.10	50.05	—	—
⊖ T. Rowe Price International Value Eq Z	—	6.98	57.04	—	—
⊖ T. Rowe Price International Stock Z	—	6.84	63.88	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	6.42	70.30	—	—
⊕ T. Rowe Price Real Assets Z	—	4.81	75.11	—	—
⊕ T. Rowe Price Mid-Cap Growth Z	—	3.86	78.97	—	—
⊖ T. Rowe Price Mid-Cap Value Z	—	3.50	82.47	—	—

## 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 7.92 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 4.48% lower than the Target-Date 2060 category average.

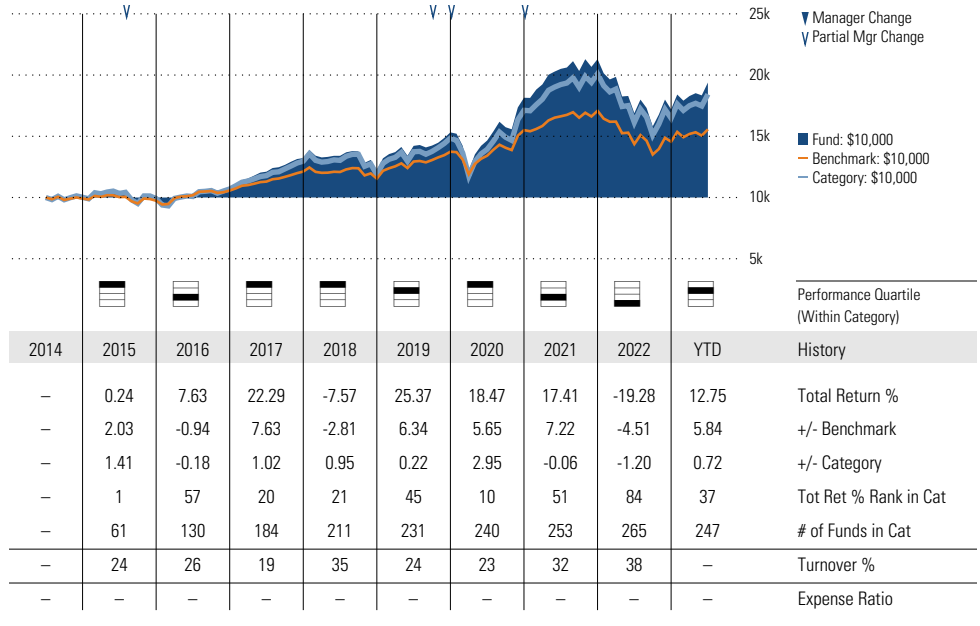
## Morningstar Investment Management LLC Analysis

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.

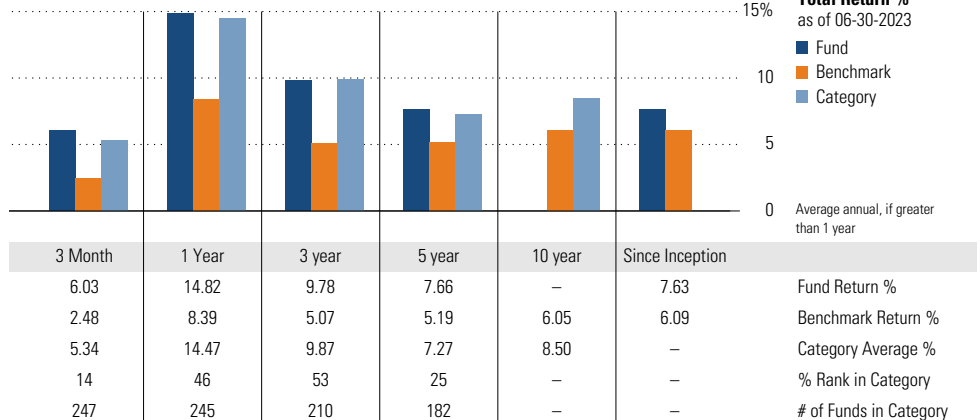
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

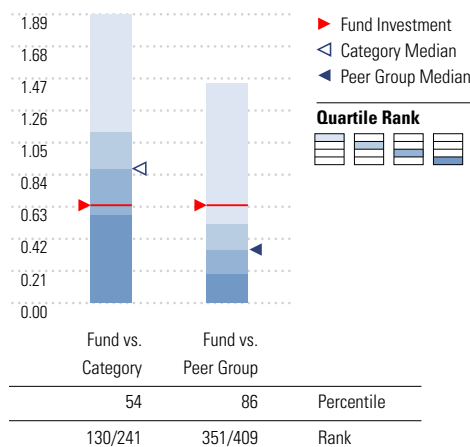
## Growth of \$10,000



## 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	3.18	-	3.15
Beta	1.32	-	1.33
R-Squared	96.79	-	97.19
Standard Deviation	16.42	12.25	16.54
Sharpe Ratio	0.55	0.33	0.55
Tracking Error	4.88	-	4.93
Information Ratio	0.96	-	0.96
Up Capture Ratio	144.97	-	146.36
Down Capture Ratio	128.45	-	130.07

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.49	16.12	17.31
Price/Book Ratio	2.66	2.19	2.46
Avg Eff Duration	7.68	-	10.07

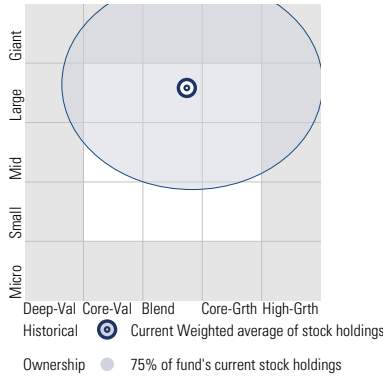
# T. Rowe Price Retirement 2060 TRRLX

**Morningstar Category**  
Target-Date 2060

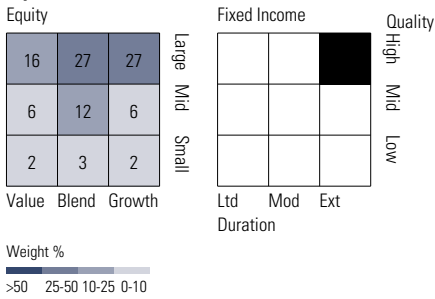
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 06-30-2023

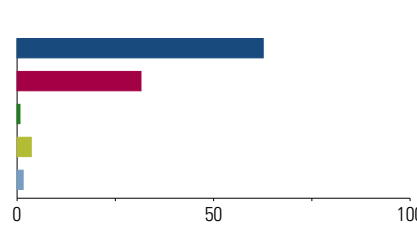
Morningstar Style Box™



## Style Breakdown

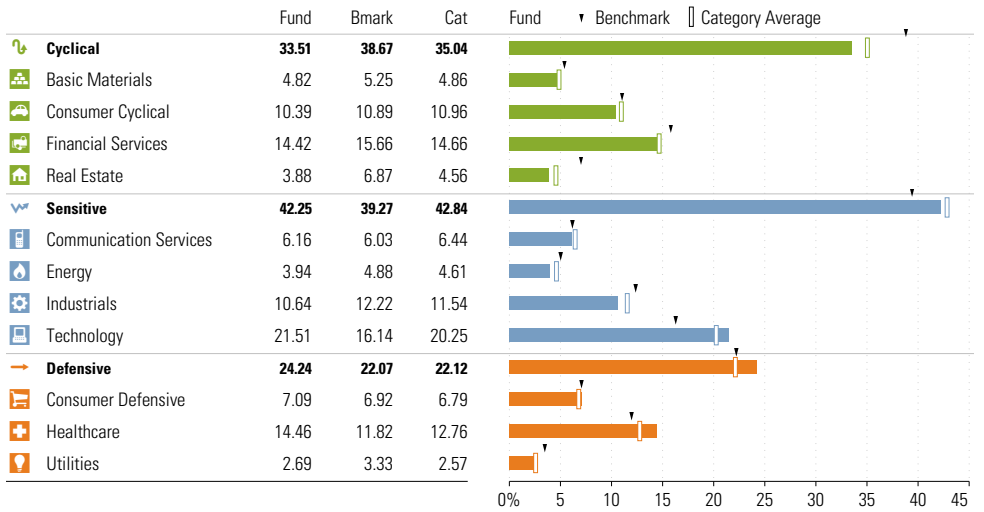


## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	62.62	46.07
Non-US Stocks	31.52	31.88
Bonds	0.73	5.06
Cash	3.60	1.50
Other	1.54	15.50
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	—	16.23	16.23	—	—
⊕ T. Rowe Price Value Z	—	15.50	31.73	—	—
⊕ T. Rowe Price Equity Index 500 Z	—	10.25	41.97	—	—
⊕ T. Rowe Price Overseas Stock Z	—	8.10	50.07	—	—
⊕ T. Rowe Price International Value Eq Z	—	6.98	57.06	—	—
⊕ T. Rowe Price International Stock Z	—	6.84	63.90	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	6.42	70.31	—	—
⊕ T. Rowe Price Real Assets Z	—	4.82	75.13	—	—
⊕ T. Rowe Price Mid-Cap Growth Z	—	3.87	79.00	—	—
⊕ T. Rowe Price Mid-Cap Value Z	—	3.52	82.51	—	—

## 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 4.92% higher than the Target-Date 2065+ category average.

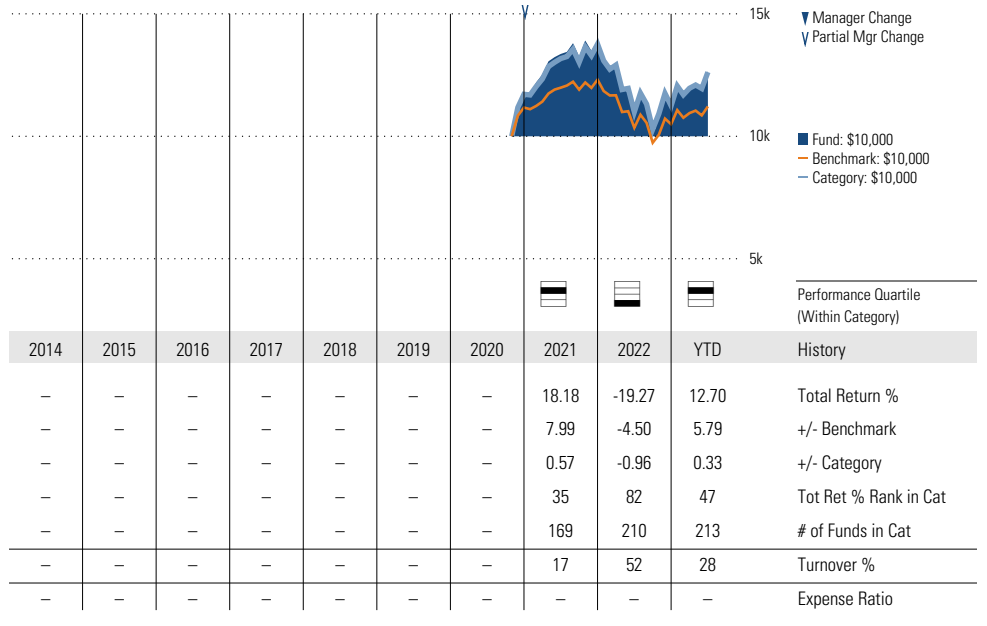
## Morningstar Investment Management LLC Analysis

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	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

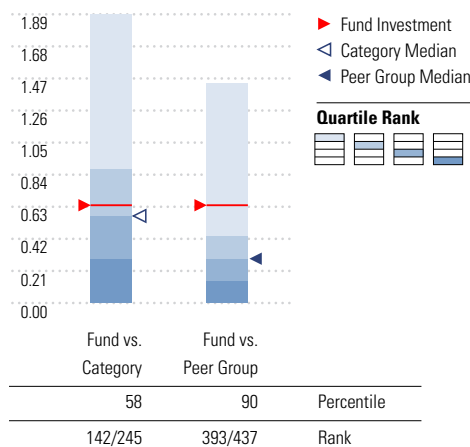
## Growth of \$10,000



## 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	-	-	3.21
Beta	-	-	1.36
R-Squared	-	-	97.52
Standard Deviation	-	12.25	16.87
Sharpe Ratio	-	0.33	0.55
Tracking Error	-	-	5.15
Information Ratio	-	-	0.95
Up Capture Ratio	-	-	149.16
Down Capture Ratio	-	-	132.53

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.48	16.12	17.16
Price/Book Ratio	2.65	2.19	2.42
Avg Eff Duration	8.60	-	10.51

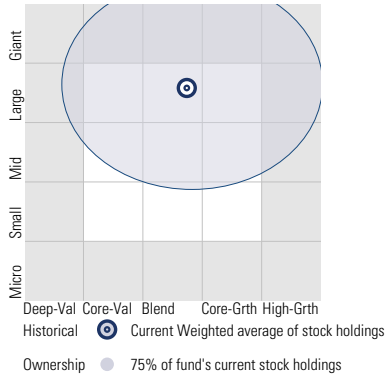
# T. Rowe Price Retirement 2065 TRSJX

**Morningstar Category**  
Target-Date 2065+

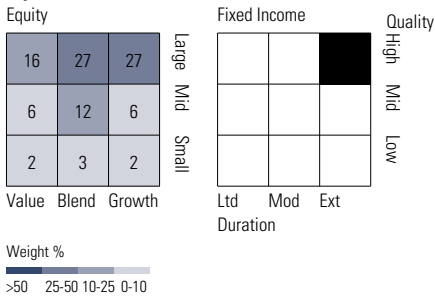
**Morningstar Index**  
Morningstar Mod Tgt Risk TR USD

## Style Analysis as of 06-30-2023

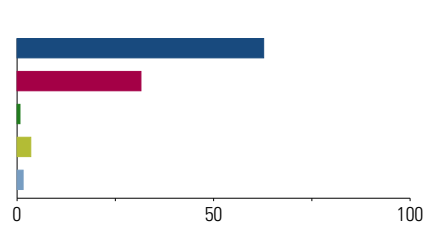
Morningstar Style Box™



## Style Breakdown

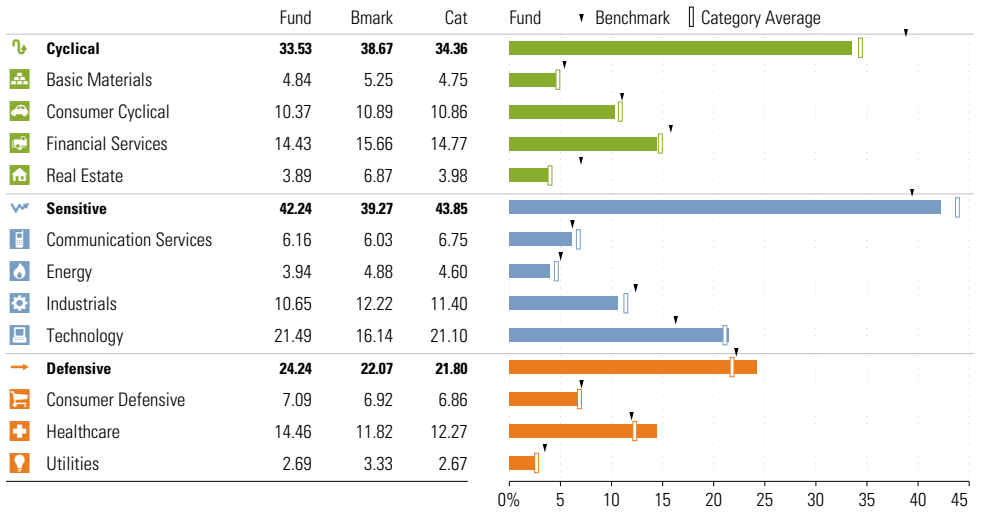


## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	62.74	47.54
Non-US Stocks	31.51	32.32
Bonds	0.73	6.74
Cash	3.48	1.97
Other	1.53	11.44
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## Top 10 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock Z	—	16.23	16.23	—	—
⊕ T. Rowe Price Value Z	—	15.49	31.72	—	—
⊕ T. Rowe Price Equity Index 500 Z	—	10.05	41.77	—	—
⊕ T. Rowe Price Overseas Stock Z	—	8.10	49.87	—	—
⊕ T. Rowe Price International Value Eq Z	—	6.99	56.86	—	—
⊕ T. Rowe Price International Stock Z	—	6.84	63.70	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	6.41	70.12	—	—
⊕ T. Rowe Price Real Assets Z	—	4.82	74.94	—	—
⊕ T. Rowe Price Mid-Cap Growth Z	—	3.86	78.80	—	—
⊕ T. Rowe Price Mid-Cap Value Z	—	3.47	82.27	—	—

## 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 7.18 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	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

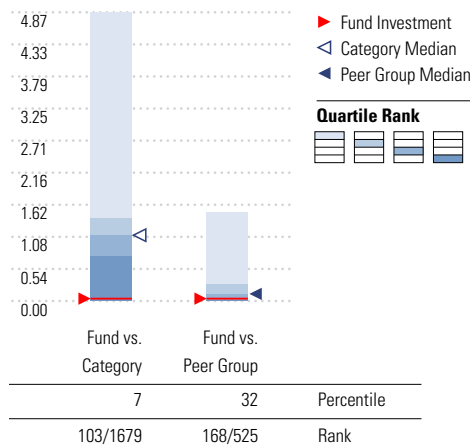
## Growth of \$10,000



## 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	-0.04	-	-0.66
Beta	1.00	-	0.94
R-Squared	100.00	-	94.49
Standard Deviation	18.19	18.19	17.67
Sharpe Ratio	0.75	0.75	0.68
Tracking Error	0.01	-	3.87
Information Ratio	-4.97	-	-1.22
Up Capture Ratio	99.93	-	92.67
Down Capture Ratio	100.07	-	95.01

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	22.85	22.84	21.76
Price/Book Ratio	4.02	4.02	4.30
Geom Avg Mkt Cap \$B	223.38	223.20	261.92
ROE	29.43	29.42	28.63

# Vanguard 500 Index Admiral VFIAX

**Morningstar Category**  
Large Blend

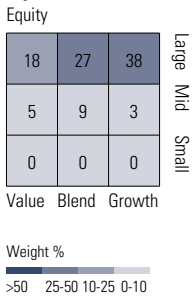
**Morningstar Index**  
S&P 500 TR USD

## Style Analysis as of 06-30-2023

Morningstar Style Box™



## Style Breakdown



## Asset Allocation as of 06-30-2023



## Sector Weighting as of 06-30-2023



## Top 15 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Apple Inc	7.69	7.69	49.65	Technology
⊕ Microsoft Corp	6.79	14.48	42.57	Technology
⊕ Amazon.com Inc	3.12	17.61	55.19	Consumer Cyclical
⊕ NVIDIA Corp	2.81	20.41	189.52	Technology
⊕ Alphabet Inc Class A	1.91	22.32	35.67	Communication Svc
⊕ Tesla Inc	1.89	24.21	112.51	Consumer Cyclical
⊕ Meta Platforms Inc Class A	1.70	25.91	138.47	Communication Svc
⊖ Alphabet Inc Class C	1.66	27.57	36.33	Communication Svc
⊕ Berkshire Hathaway Inc Class B	1.63	29.20	10.39	Financial Services
⊕ UnitedHealth Group Inc	1.20	30.40	-8.68	Healthcare
⊖ Exxon Mobil Corp	1.16	31.57	-1.12	Energy
⊕ Johnson & Johnson	1.15	32.72	-4.99	Healthcare
⊕ JPMorgan Chase & Co	1.14	33.86	9.95	Financial Services
⊕ Visa Inc Class A	1.02	34.88	14.74	Financial Services
⊕ Eli Lilly and Co	0.99	35.88	28.81	Healthcare

**Total Holdings 508**

⊕ 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 10.36 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 91.95% lower than the Foreign Large Blend category average.

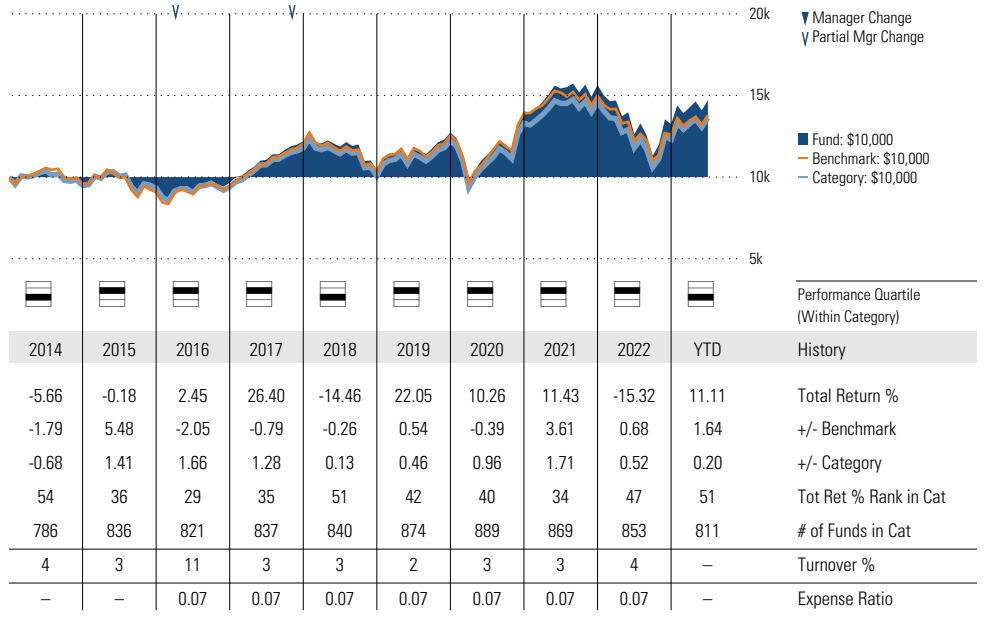
## Morningstar Investment Management LLC Analysis

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.

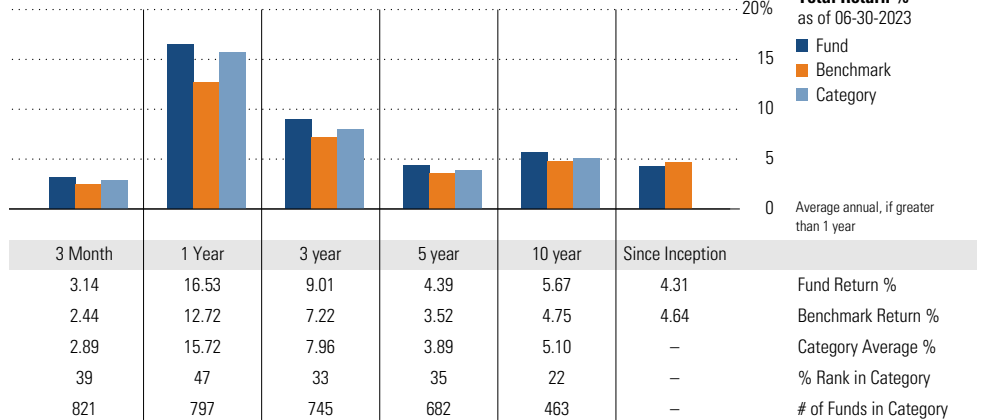
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

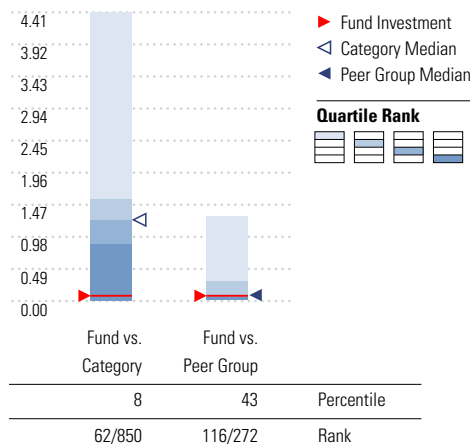
## Growth of \$10,000



## 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	1.22	-	0.56
Beta	1.09	-	1.04
R-Squared	96.59	-	93.50
Standard Deviation	18.92	17.05	18.28
Sharpe Ratio	0.47	0.40	0.42
Tracking Error	3.82	-	4.68
Information Ratio	0.47	-	0.18
Up Capture Ratio	113.99	-	106.88
Down Capture Ratio	109.86	-	105.69

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	13.43	13.32	13.48
Price/Book Ratio	1.58	1.69	1.77
Geom Avg Mkt Cap \$B	30.17	43.39	51.74
ROE	16.76	17.67	19.85

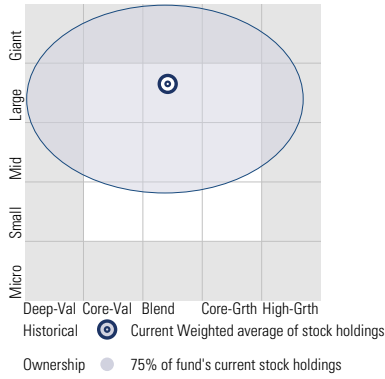
# Vanguard Developed Markets Index Admiral VTMGX

**Morningstar Category**  
Foreign Large Blend

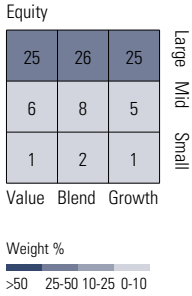
**Morningstar Index**  
MSCI ACWI Ex USA NR USD

## Style Analysis as of 06-30-2023

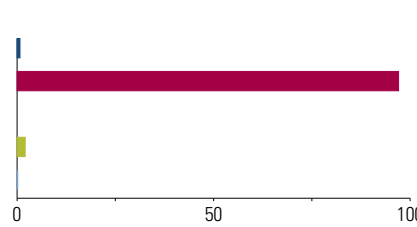
Morningstar Style Box™



## Style Breakdown

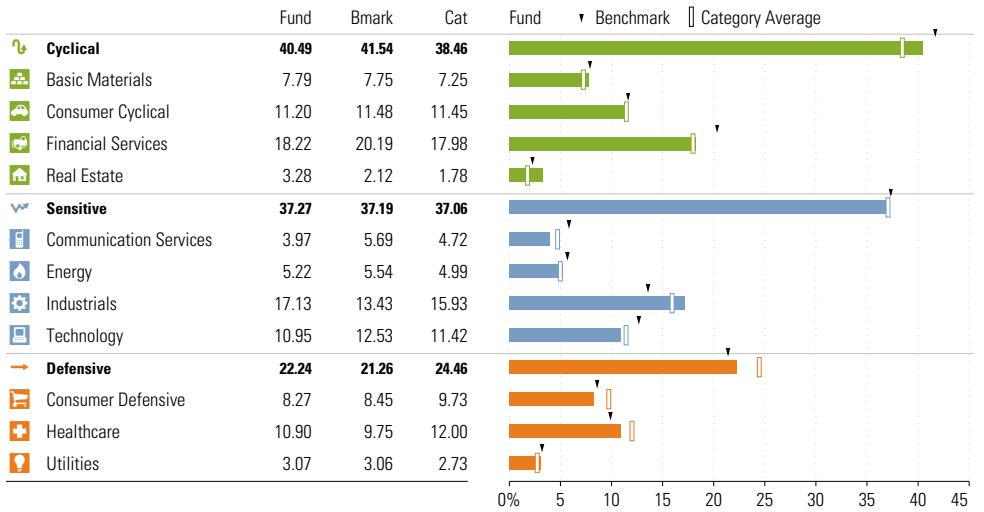


## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	0.73	3.13
Non-US Stocks	97.07	94.02
Bonds	0.00	0.19
Cash	2.05	1.26
Other	0.15	1.40
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## World Regions % Equity 06-30-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	36.07	35.44	Americas	10.29	8.59	Greater Europe	53.63	55.97	Developed Markets	99.45
Japan	21.11	18.32	North America	10.26	7.30	United Kingdom	12.23	13.49	Emerging Markets	0.55
Australasia	6.91	5.01	Central/Latin	0.03	1.29	W euro-ex UK	40.51	41.42	Not Available	0.00
Asia-4 Tigers	7.86	6.74				Emrgng Europe	0.32	0.07		
Asia-ex 4 Tigers	0.19	5.37				Africa	0.57	0.99		
Not Classified	0.00	0.00								

## Top 10 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Nestle SA	1.50	1.50	3.18	Consumer Defensive
⊖ Slcmt1142	1.36	2.86	-	-
⊖ ASML Holding NV	1.34	4.20	32.21	Technology
Samsung Electronics Co Ltd	1.22	5.42	-	Technology
⊕ Novo Nordisk A/S Class B	1.18	6.60	18.08	Healthcare
⊕ LVMH Moet Hennessy Louis Vuitton SE	1.09	7.69	27.96	Consumer Cyclical
⊕ AstraZeneca PLC	0.99	8.68	1.97	Healthcare
⊕ Roche Holding AG	0.99	9.67	-2.58	Healthcare
⊖ Shell PLC	0.95	10.62	2.73	Energy
⊕ Novartis AG Registered Shares	0.95	11.57	11.50	Healthcare

**Total Holdings 4054**

⊕ Increase ⊖ Decrease ✱ New to Portfolio

# Vanguard Growth Index Admiral VIGAX

**Morningstar Category**  
Large Growth

**Morningstar Index**  
Russell 1000 Growth TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 12-1994

Walter Nejman since 04-2016

## 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 28.52 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 0.05 is 94.68% lower than the Large Growth category average.

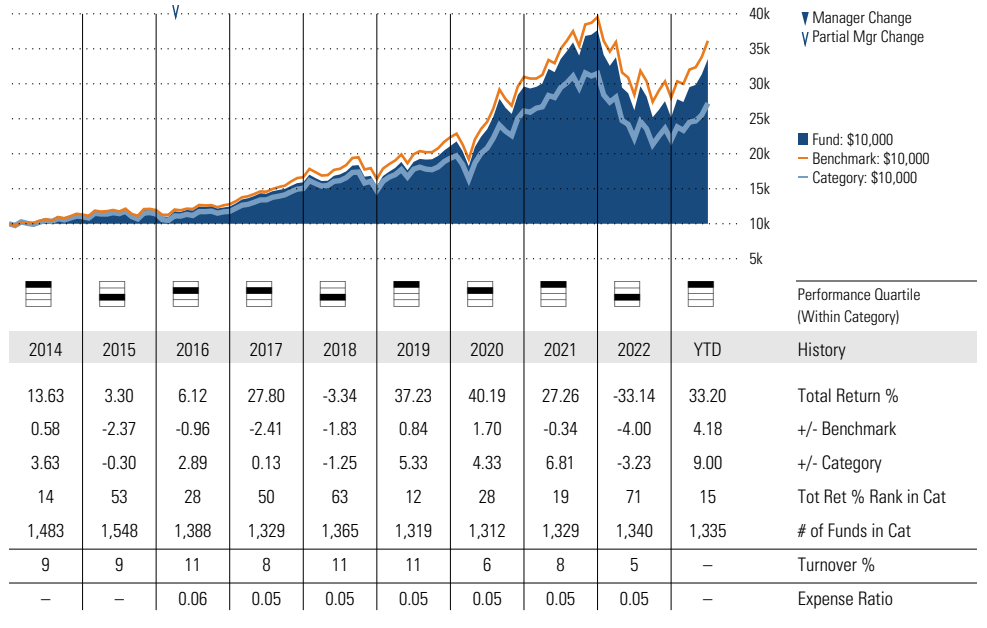
## Morningstar Investment Management LLC Analysis

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.

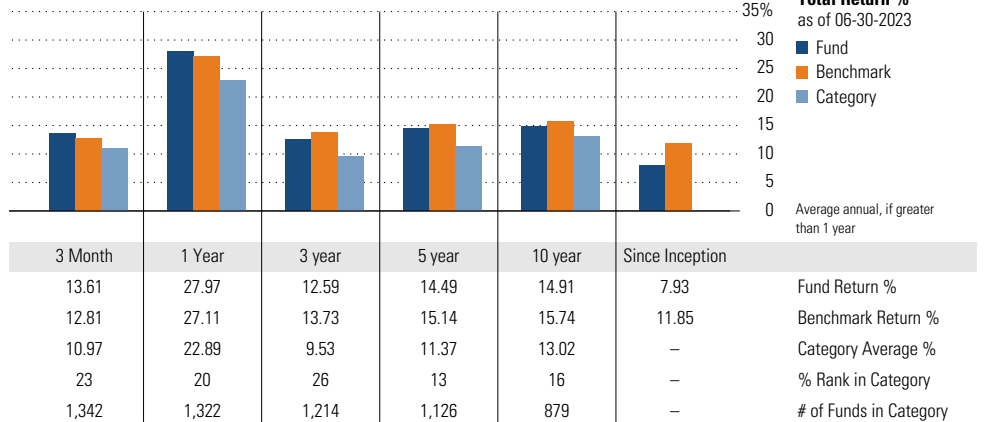
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

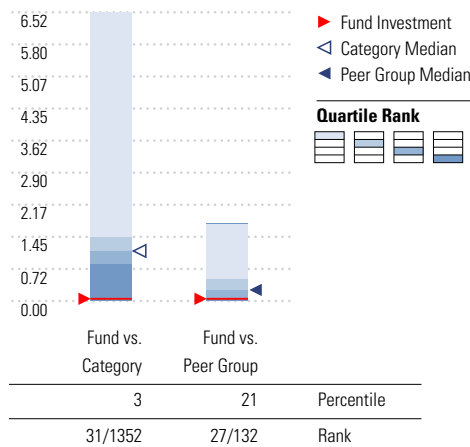
## Growth of \$10,000



## Trailing Performance



## Net Expense



## 3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	-1.48	-	-3.58
Beta	1.05	-	0.96
R-Squared	99.26	-	91.90
Standard Deviation	22.80	21.72	21.83
Sharpe Ratio	0.57	0.63	0.45
Tracking Error	2.20	-	6.22
Information Ratio	-0.52	-	-0.83
Up Capture Ratio	101.26	-	87.53
Down Capture Ratio	105.61	-	98.14

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	34.05	32.61	30.03
Price/Book Ratio	8.72	10.75	7.61
Geom Avg Mkt Cap \$B	394.17	388.64	383.45
ROE	34.04	37.07	35.10

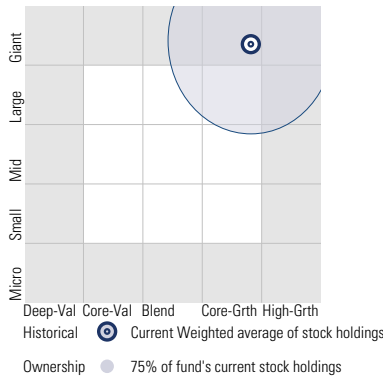
# Vanguard Growth Index Admiral VIGAX

**Morningstar Category**  
Large Growth

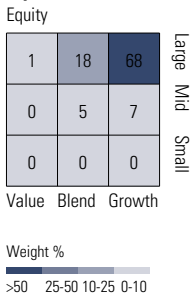
**Morningstar Index**  
Russell 1000 Growth TR USD

## Style Analysis as of 06-30-2023

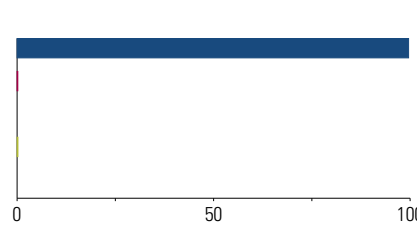
Morningstar Style Box™



## Style Breakdown

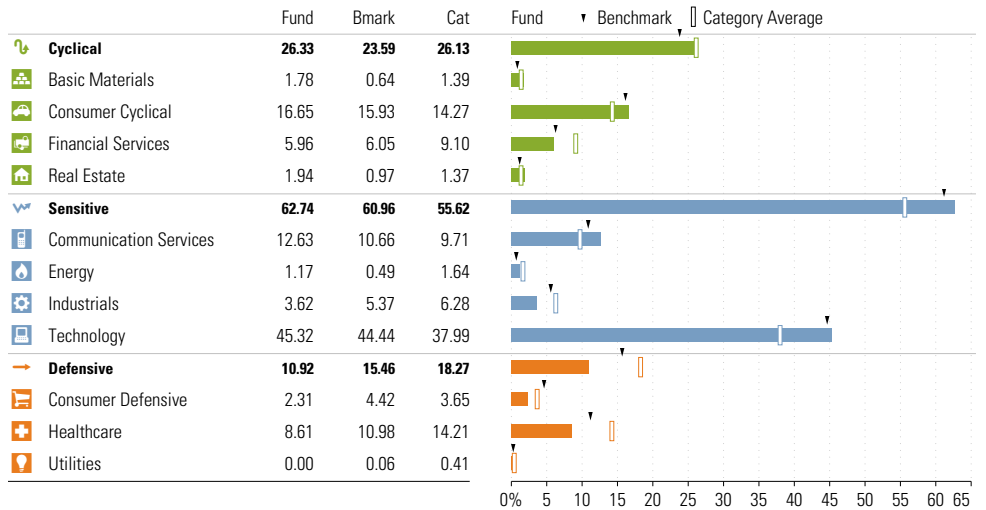


## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	99.61	92.58
Non-US Stocks	0.18	4.94
Bonds	0.00	0.00
Cash	0.21	1.53
Other	0.00	0.96
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## Top 15 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Apple Inc	13.80	13.80	49.65	Technology
Microsoft Corp	12.06	25.86	42.57	Technology
Amazon.com Inc	5.41	31.27	55.19	Consumer Cyclical
NVIDIA Corp	4.73	36.01	189.52	Technology
Alphabet Inc Class A	3.39	39.39	35.67	Communication Svc
Tesla Inc	3.36	42.75	112.51	Consumer Cyclical
Meta Platforms Inc Class A	3.02	45.77	138.47	Communication Svc
Alphabet Inc Class C	2.88	48.65	36.33	Communication Svc
Eli Lilly and Co	1.91	50.56	28.81	Healthcare
Visa Inc Class A	1.77	52.33	14.74	Financial Services
Mastercard Inc Class A	1.58	53.91	13.43	Financial Services
The Home Depot Inc	1.49	55.40	-0.33	Consumer Cyclical
Costco Wholesale Corp	1.14	56.54	18.36	Consumer Defensive
Adobe Inc	1.07	57.61	45.30	Technology
McDonald's Corp	1.04	58.64	14.39	Consumer Cyclical

**Total Holdings 238**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

**Morningstar Category**  
Moderately Conservative  
Allocation

**Morningstar Index**  
Morningstar US Mod Con Tgt Alloc NR  
USD

## Portfolio Manager(s)

Walter Nejman since 02-2022  
Aurélie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Díaz since 02-2023

## Quantitative Screens

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

✘ **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 0.12 is 86.96% lower than the Moderately Conservative Allocation category average.

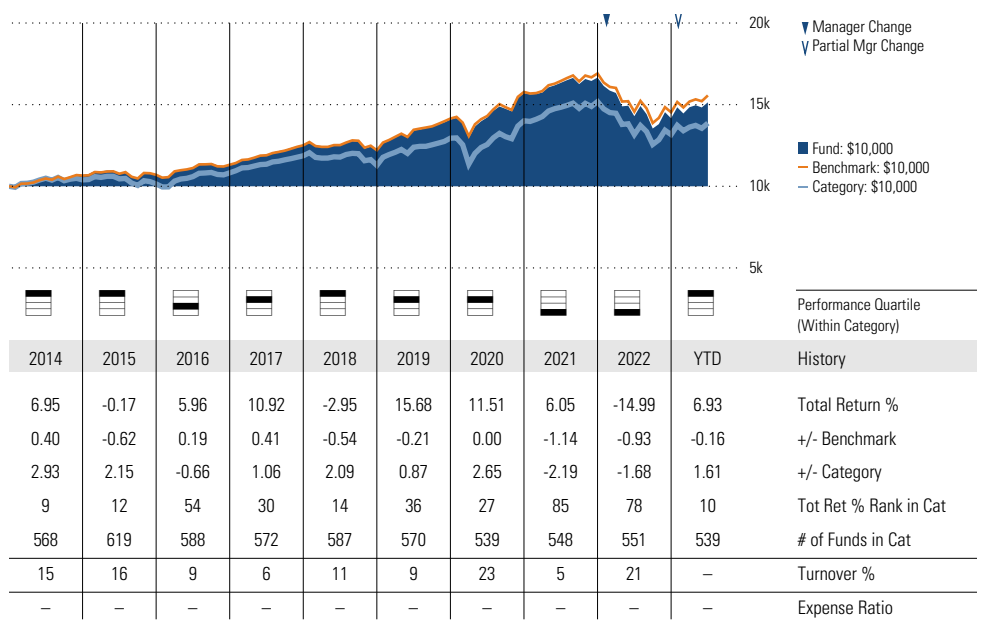
## Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

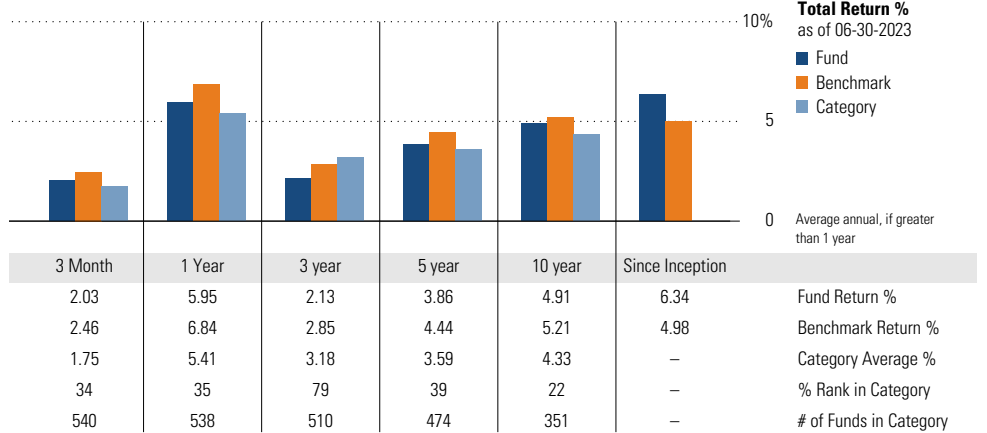
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	07-19-2023
Sustainability Rating	3	05-31-2023

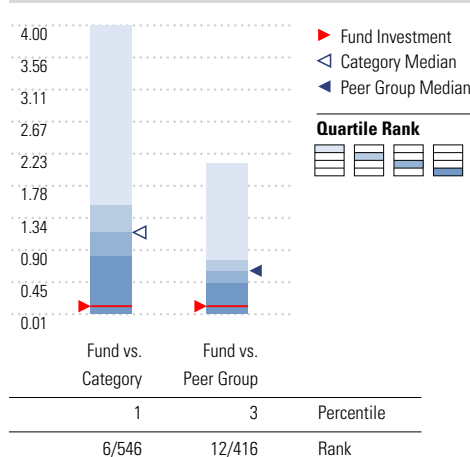
## Growth of \$10,000



## 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	-0.75	-	0.48
Beta	1.02	-	0.98
R-Squared	99.26	-	93.65
Standard Deviation	9.67	9.45	9.61
Sharpe Ratio	0.10	0.18	0.21
Tracking Error	0.85	-	2.43
Information Ratio	-0.85	-	0.07
Up Capture Ratio	98.85	-	101.95
Down Capture Ratio	104.53	-	99.01

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.16	18.41	18.09
Price/Book Ratio	2.41	2.74	2.89
Avg Eff Duration	6.84	6.11	4.49

# Vanguard LifeStrategy Cnsvr Gr Inv VSCGX

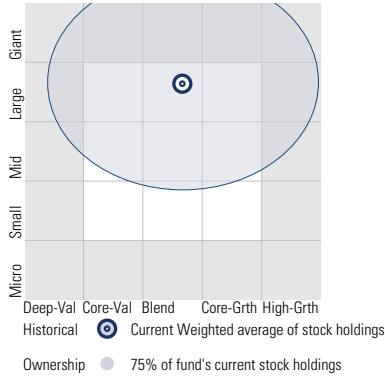
**Morningstar Category**  
Moderately Conservative

**Morningstar Index**  
Morningstar US Mod Con Tgt Alloc NR USD

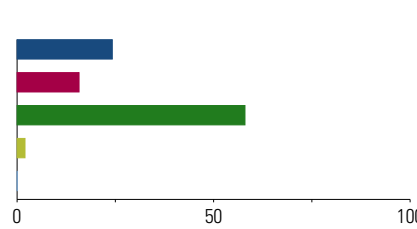
Allocation

## Style Analysis as of 06-30-2023

Morningstar Style Box™

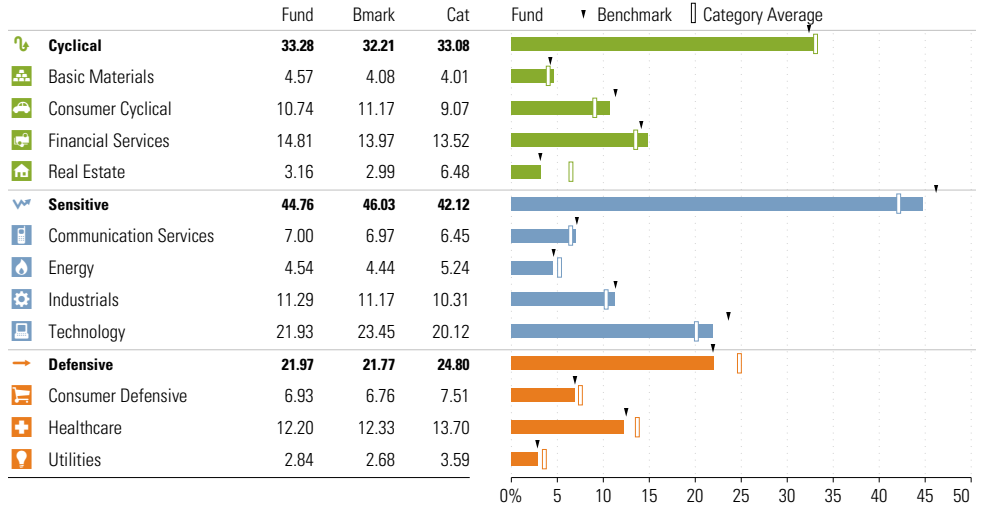


## Asset Allocation as of 06-30-2023

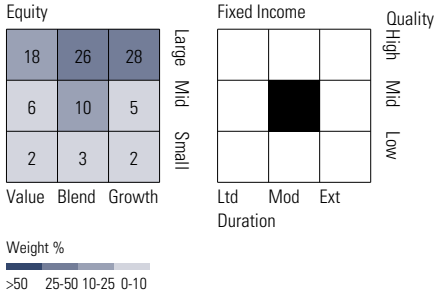


Asset Class	Net %	Cat%
US Stocks	24.22	27.07
Non-US Stocks	15.76	7.23
Bonds	57.98	55.85
Cash	2.01	5.14
Other	0.03	4.69
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## Style Breakdown



## Top 6 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Bond Market II Idx Inv	—	40.61	40.61	—	—
⊖ Vanguard Total Stock Mkt Idx Inv	—	24.49	65.11	—	—
⊕ Vanguard Total Intl Bd II Idx Investor	—	17.98	83.09	—	—
⊕ Vanguard Total Intl Stock Index Inv	—	16.10	99.19	—	—
⊖ Mktliq 12/31/2049	—	0.82	100.01	—	—
⊕ Us Dollar	—	0.01	100.01	—	—

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio



# Vanguard LifeStrategy Growth Inv VASGX

**Morningstar Category**  
Moderately Aggressive

**Morningstar Index**

Morningstar US Mod Agg Tgt Alloc NR USD

Allocation

## Portfolio Manager(s)

Walter Nejman since 02-2022  
Aurélie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Díaz since 02-2023

## Quantitative Screens

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

✘ **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 0.14 is 85.57% lower than the Moderately Aggressive Allocation category average.

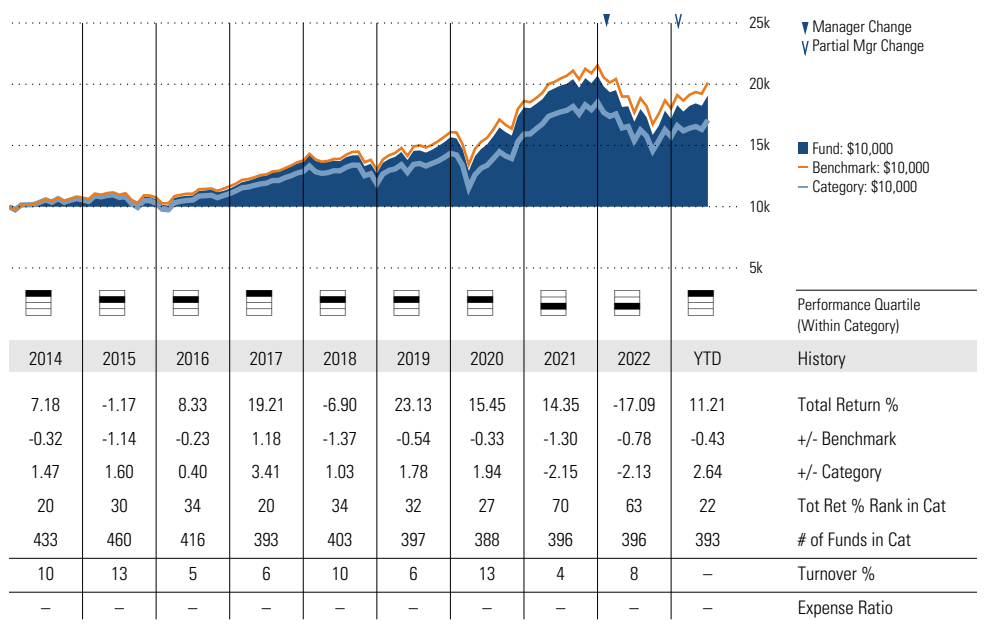
## Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

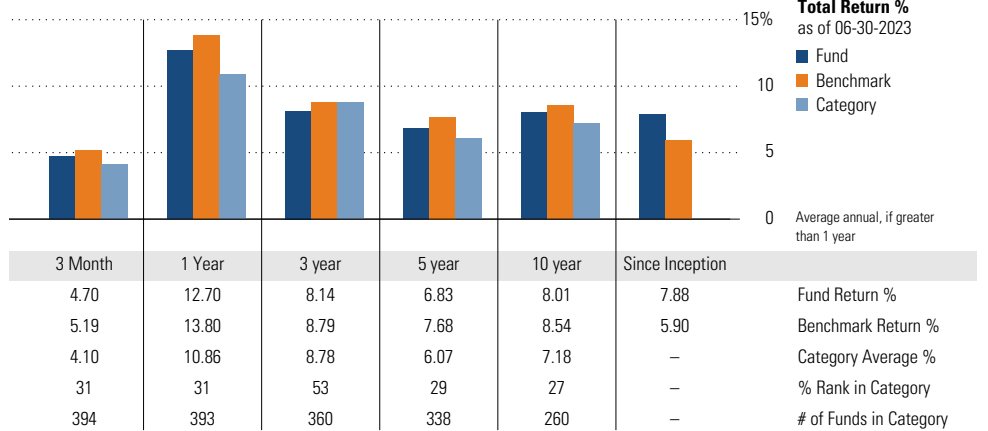
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	07-19-2023
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022

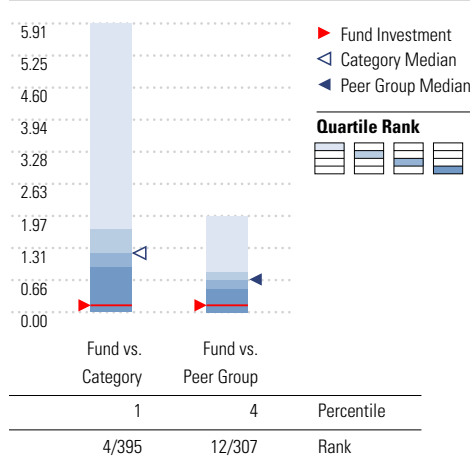
## Growth of \$10,000



## 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

Metric	Fund	Bmark	Cat
Alpha	-0.75	-	-0.17
Beta	1.02	-	0.98
R-Squared	99.32	-	94.15
Standard Deviation	14.73	14.40	14.52
Sharpe Ratio	0.50	0.55	0.51
Tracking Error	1.25	-	3.25
Information Ratio	-0.53	-	-0.24
Up Capture Ratio	100.09	-	97.86
Down Capture Ratio	103.73	-	99.28

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	17.20	18.36	18.41
Price/Book Ratio	2.42	2.73	2.64
Avg Eff Duration	6.84	6.11	5.60

# Vanguard LifeStrategy Growth Inv VASGX

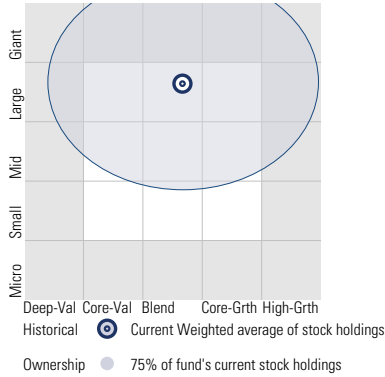
**Morningstar Category**  
Moderately Aggressive

**Morningstar Index**  
Morningstar US Mod Agg Tgt Alloc NR USD

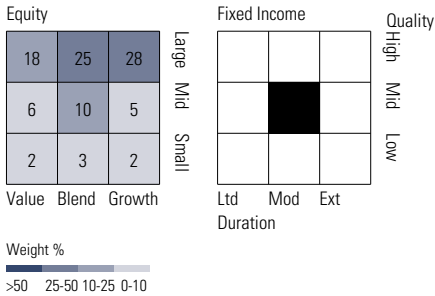
Allocation

## Style Analysis as of 06-30-2023

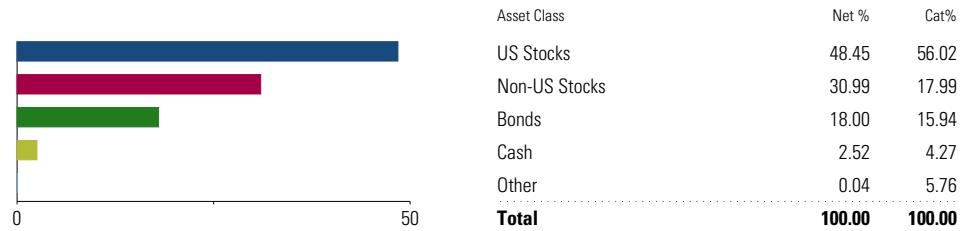
Morningstar Style Box™



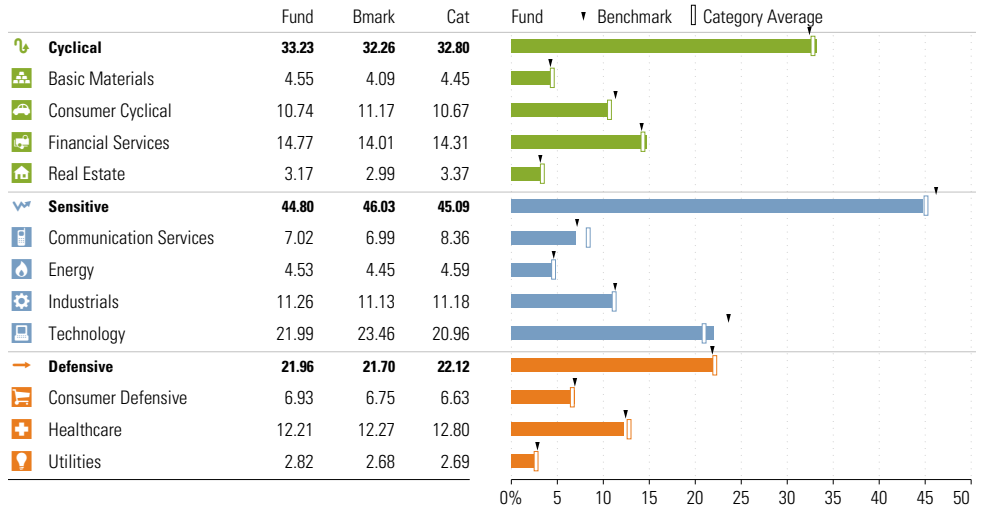
## Style Breakdown



## Asset Allocation as of 06-30-2023



## Sector Weighting as of 06-30-2023



## Top 6 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	49.00	49.00	- -	
⊕ Vanguard Total Intl Stock Index Inv	-	31.64	80.64	- -	
⊕ Vanguard Total Bond Market II Idx Inv	-	12.62	93.26	- -	
⊕ Vanguard Total Intl Bd II Idx Investor	-	5.57	98.83	- -	
⊖ Mktliq 12/31/2049	-	1.17	100.00	- -	
⊖ Us Dollar	-	0.00	100.00	- -	

**Total Holdings 6**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard LifeStrategy Income Inv VASIX

**Morningstar Category**  
Conservative Allocation

**Morningstar Index**  
Morningstar US Con Tgt Alloc NR USD

## Portfolio Manager(s)

Walter Nejman since 02-2022  
Aur lie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-D az since 02-2023

## Quantitative Screens

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

✘ **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 0.11 is 88.42% lower than the Conservative Allocation category average.

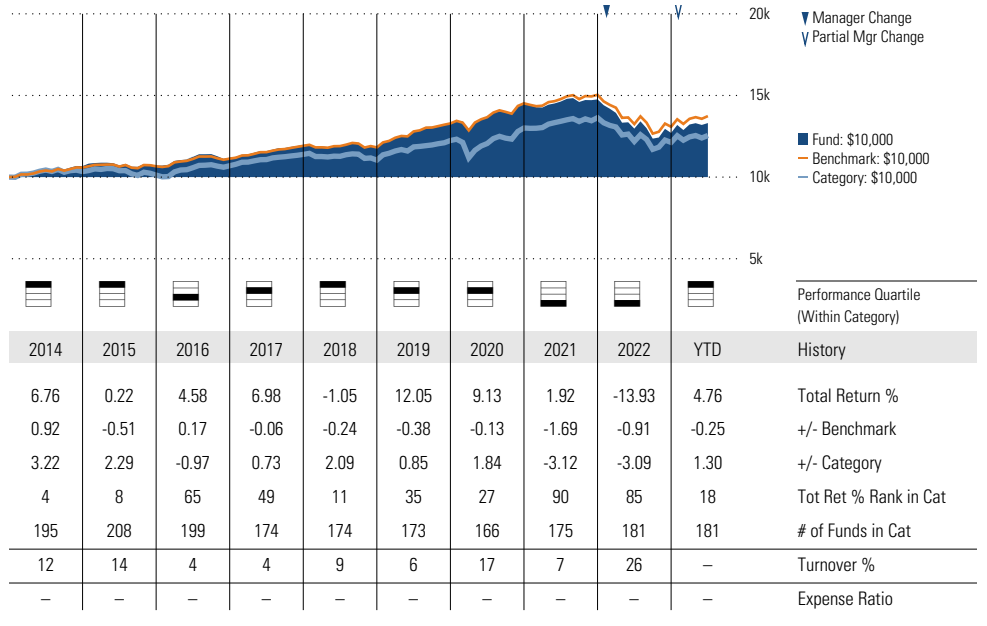
## Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

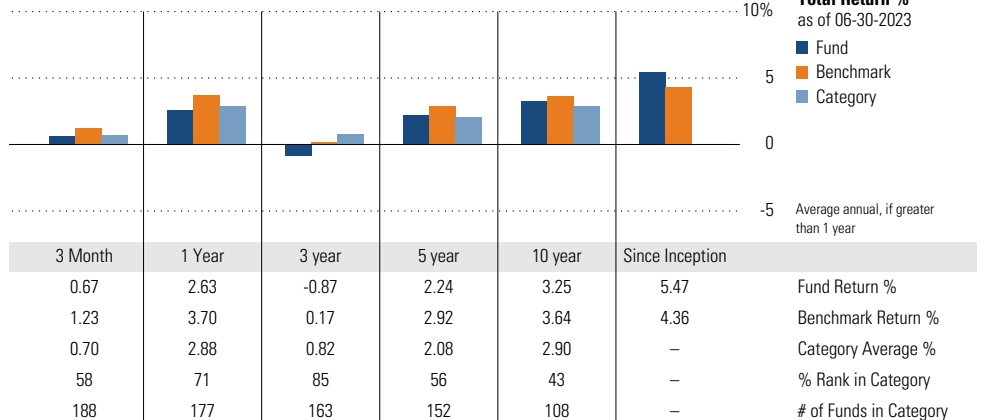
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	07-19-2023
Sustainability Rating	3	05-31-2023

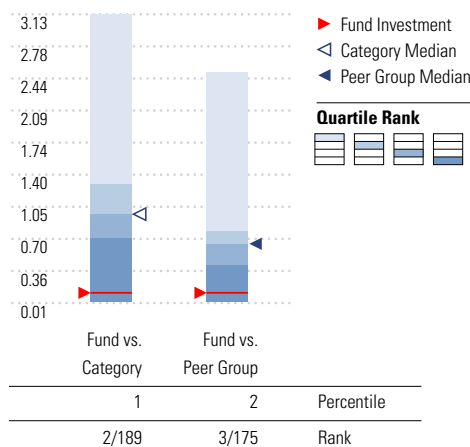
## Growth of \$10,000



## 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	-1.04	-	0.52
Beta	1.00	-	0.95
R-Squared	98.59	-	91.27
Standard Deviation	7.41	7.35	7.35
Sharpe Ratio	-0.30	-0.16	-0.09
Tracking Error	0.88	-	2.17
Information Ratio	-1.19	-	0.19
Up Capture Ratio	92.43	-	99.04
Down Capture Ratio	102.88	-	94.05

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.09	18.62	17.84
Price/Book Ratio	2.39	2.80	2.82
Avg Eff Duration	6.84	6.11	3.69

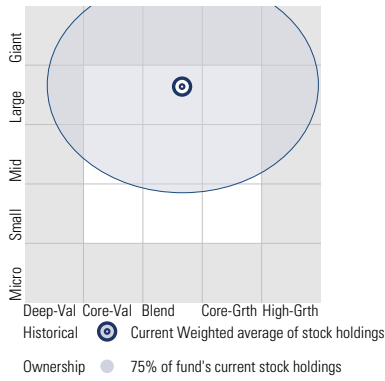
# Vanguard LifeStrategy Income Inv VASIX

**Morningstar Category**  
Conservative Allocation

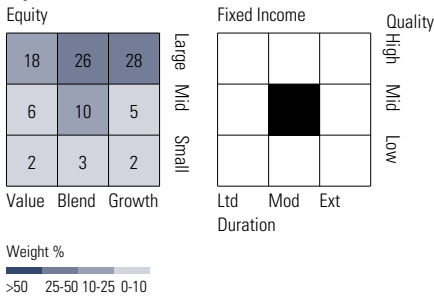
**Morningstar Index**  
Morningstar US Con Tgt Alloc NR USD

## Style Analysis as of 06-30-2023

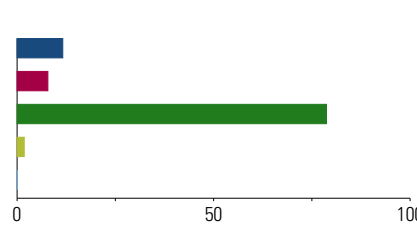
Morningstar Style Box™



## Style Breakdown

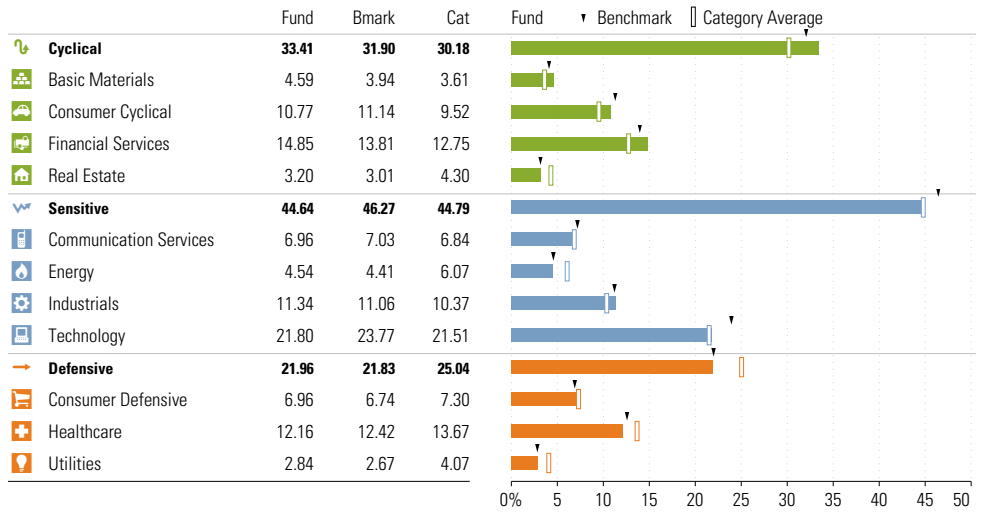


## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	11.62	9.99
Non-US Stocks	7.83	2.75
Bonds	78.72	72.61
Cash	1.81	9.15
Other	0.02	5.51
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## Top 6 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	-	55.41	55.41	-	-
⊖ Vanguard Total Intl Bd II Idx Investor	-	24.14	79.56	-	-
⊖ Vanguard Total Stock Mkt Idx Inv	-	11.75	91.31	-	-
⊖ Vanguard Total Intl Stock Index Inv	-	8.00	99.30	-	-
⊖ Mktliq 12/31/2049	-	0.73	100.04	-	-
⊖ Us Dollar	-	0.04	100.07	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard LifeStrategy Moderate Gr Inv VSMGX

**Morningstar Category**  
Moderate Allocation

**Morningstar Index**  
Morningstar US Mod Tgt Alloc NR USD

## Portfolio Manager(s)

Walter Nejman since 02-2022  
Aurélie Denis since 02-2023  
Michael Roach since 02-2023  
Roger Aliaga-Díaz since 02-2023

## Quantitative Screens

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

✗ **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 0.13 is 86.73% lower than the Moderate Allocation category average.

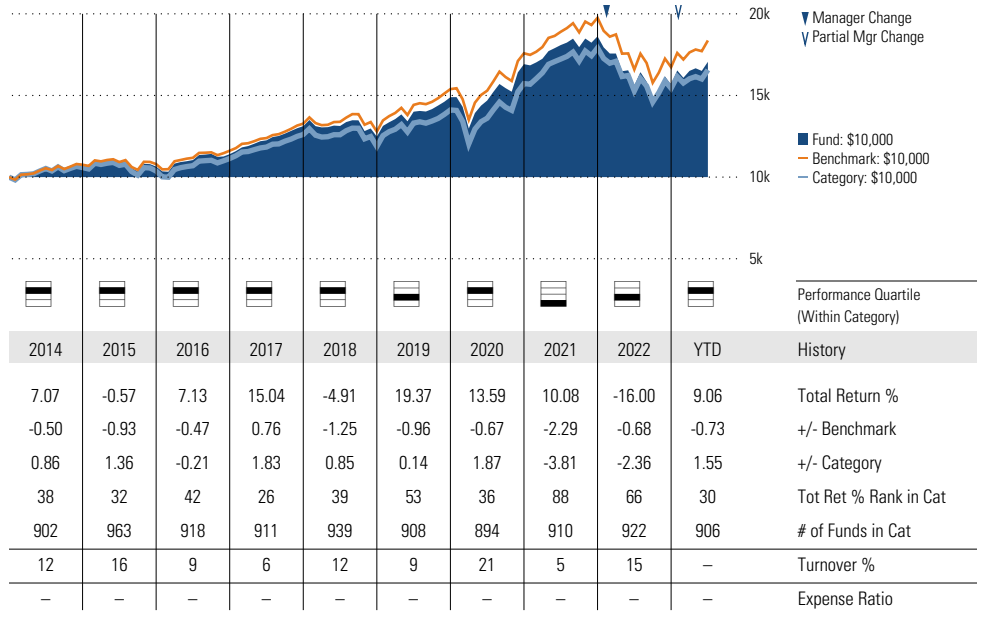
## Morningstar Investment Management LLC Analysis

Although this fund technically fails the manager tenure screen due to changes in how the portfolio management team is listed, in fact the same team that oversees the strategy remains in place.

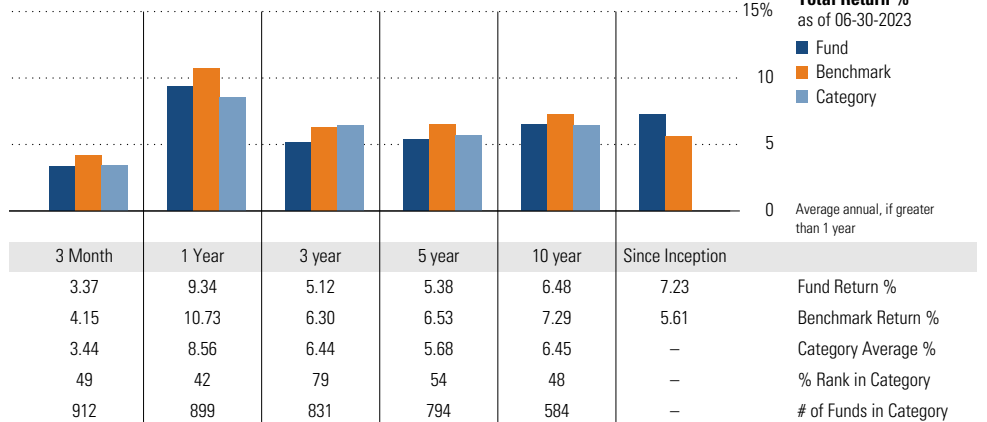
## ESG Metrics

Metric	Rating	Updated
ESG Commitment	1-Low	07-19-2023
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022

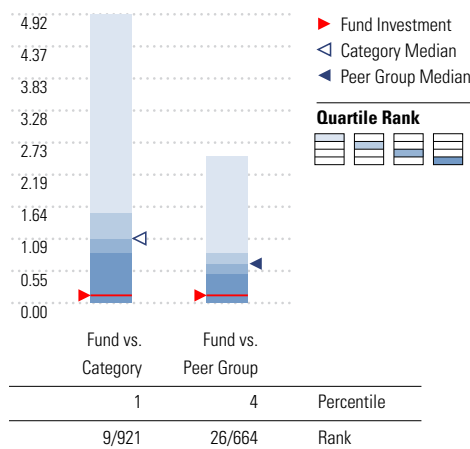
## Growth of \$10,000



## 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	-1.09	-	0.03
Beta	1.00	-	0.98
R-Squared	98.82	-	94.10
Standard Deviation	12.15	12.13	12.26
Sharpe Ratio	0.34	0.43	0.41
Tracking Error	1.32	-	2.88
Information Ratio	-0.89	-	-0.10
Up Capture Ratio	95.89	-	99.31
Down Capture Ratio	101.98	-	99.98

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	17.19	19.10	19.34
Price/Book Ratio	2.41	2.94	3.14
Avg Eff Duration	6.84	6.11	5.12

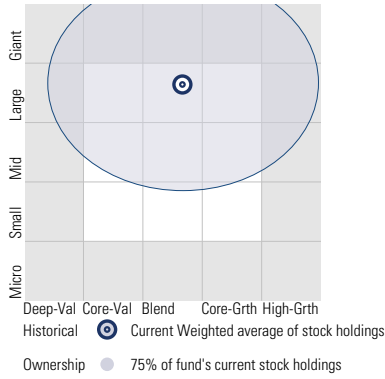
# Vanguard LifeStrategy Moderate Gr Inv VSMGX

**Morningstar Category**  
Moderate Allocation

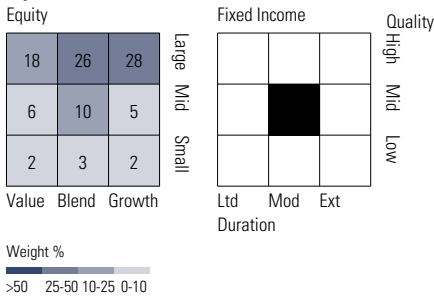
**Morningstar Index**  
Morningstar US Mod Tgt Alloc NR USD

## Style Analysis as of 06-30-2023

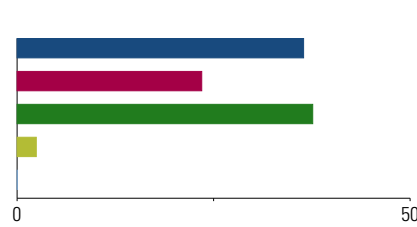
Morningstar Style Box™



## Style Breakdown

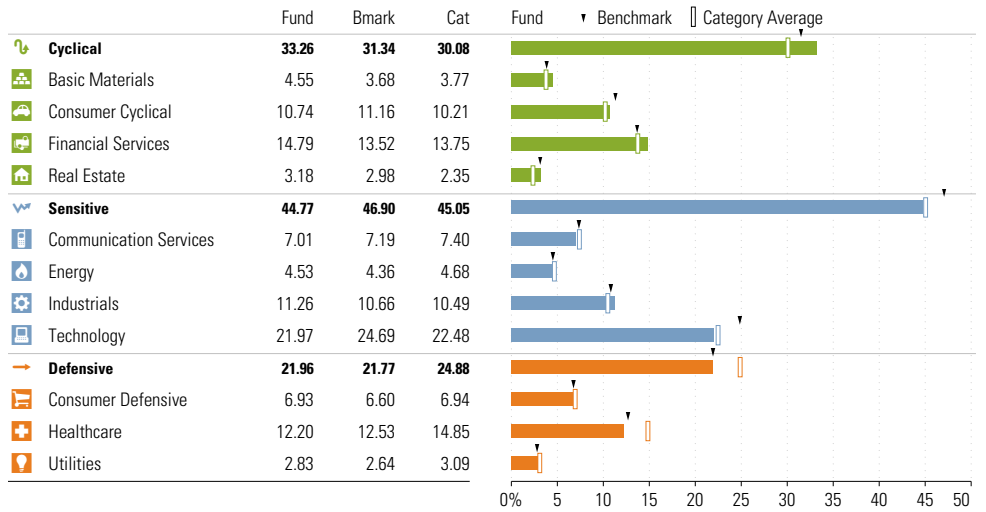


## Asset Allocation as of 06-30-2023



Asset Class	Net %	Cat%
US Stocks	36.45	46.21
Non-US Stocks	23.49	10.51
Bonds	37.61	35.45
Cash	2.44	4.37
Other	0.03	3.47
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## Top 6 Holdings as of 06-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx Inv	-	36.86	36.86	-	-
⊕ Vanguard Total Bond Market II Idx Inv	-	26.48	63.34	-	-
⊕ Vanguard Total Intl Stock Index Inv	-	23.98	87.32	-	-
⊕ Vanguard Total Intl Bd II Idx Investor	-	11.52	98.84	-	-
⊖ Mktliq 12/31/2049	-	1.15	99.99	-	-
⊖ Us Dollar	-	0.01	100.00	-	-

## Total Holdings 6

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Mid-Cap Value Index Admiral VMVAX

**Morningstar Category**  
Mid-Cap Value

**Morningstar Index**  
Russell Mid Cap Value TR USD

## Portfolio Manager(s)

Donald Butler since 08-2006  
Awais Khan since 07-2021  
Aurélie Denis since 02-2023

## Quantitative Screens

✔ **Performance:** The fund has finished in the Mid-Cap Value 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 16.88 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.07 is 92.78% lower than the Mid-Cap Value category average.

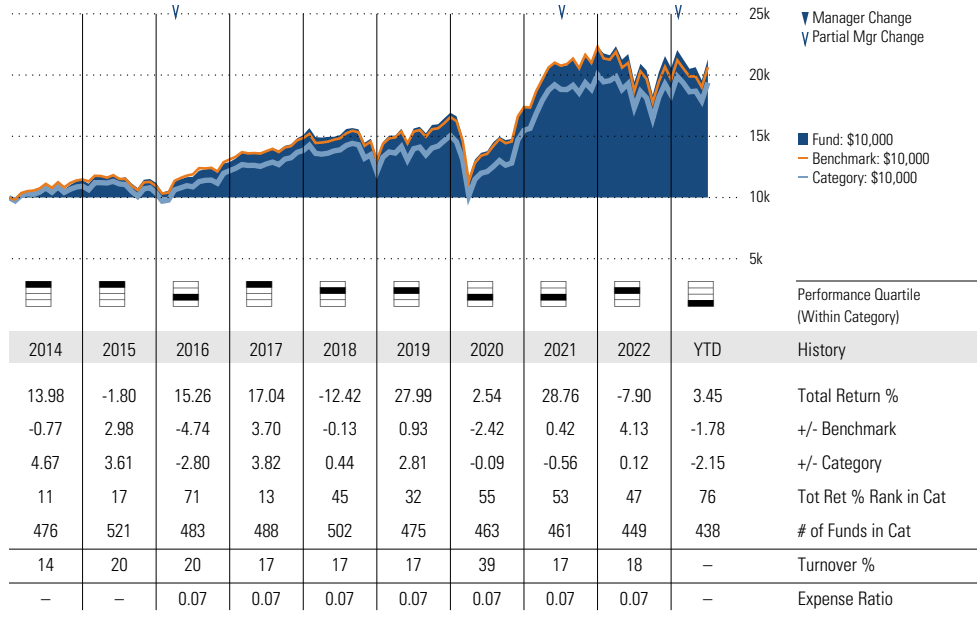
## Morningstar Investment Management LLC Analysis

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.

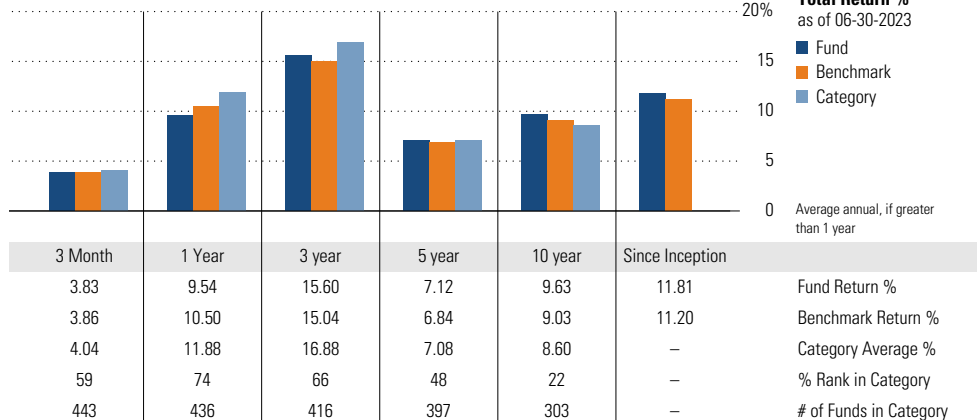
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	05-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

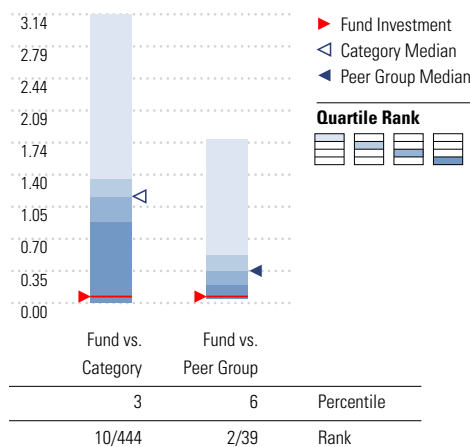
## Growth of \$10,000



## 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	0.99	-	1.73
Beta	0.96	-	0.98
R-Squared	98.58	-	94.03
Standard Deviation	18.90	19.51	19.67
Sharpe Ratio	0.78	0.73	0.79
Tracking Error	2.37	-	4.89
Information Ratio	0.24	-	0.31
Up Capture Ratio	98.50	-	99.19
Down Capture Ratio	95.32	-	92.48

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	15.93	14.88	13.65
Price/Book Ratio	2.11	2.12	1.83
Geom Avg Mkt Cap \$B	22.93	17.08	12.84
ROE	16.78	14.14	15.37

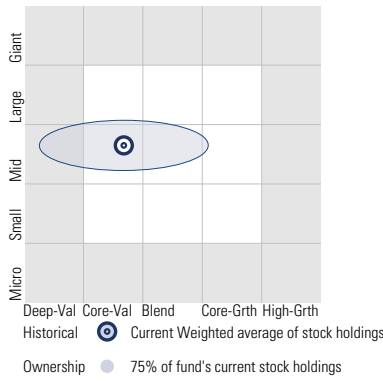
# Vanguard Mid-Cap Value Index Admiral VMVAX

**Morningstar Category**  
Mid-Cap Value

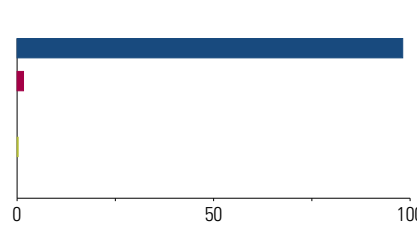
**Morningstar Index**  
Russell Mid Cap Value TR USD

## Style Analysis as of 06-30-2023

Morningstar Style Box™

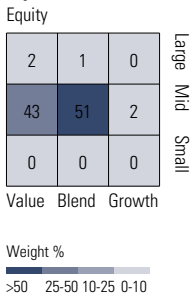


## Asset Allocation as of 06-30-2023

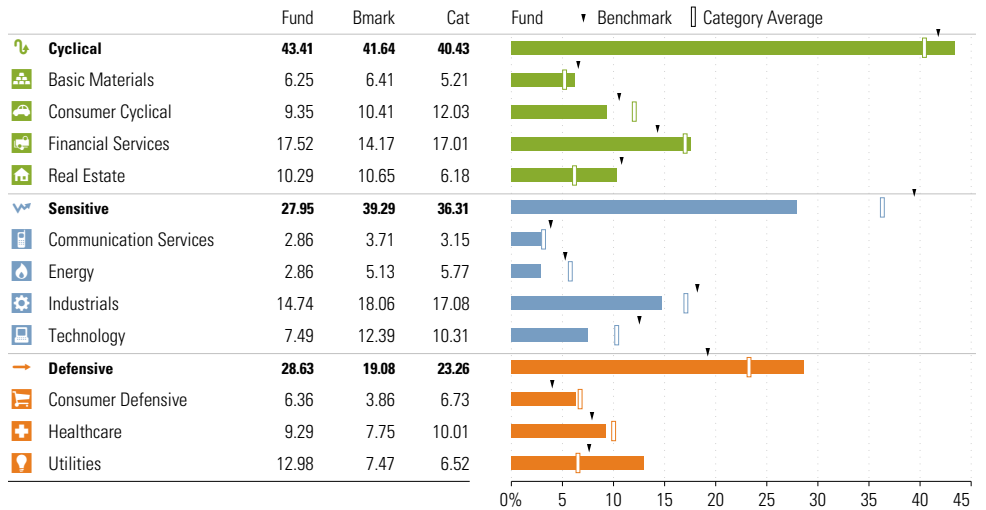


Asset Class	Net %	Cat%
US Stocks	98.12	90.09
Non-US Stocks	1.63	7.20
Bonds	0.00	0.01
Cash	0.26	2.21
Other	0.00	0.49
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Style Breakdown



## Sector Weighting as of 06-30-2023



## Top 15 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Arthur J. Gallagher & Co	1.44	1.44	17.04	Financial Services
⊖ PACCAR Inc	1.34	2.78	27.54	Industrials
⊖ Carrier Global Corp Ordinary Shares	1.27	4.05	21.41	Industrials
⊖ Nucor Corp	1.26	5.31	25.18	Basic Materials
⊕ PG&E Corp	1.24	6.56	6.27	Utilities
⊖ Corteva Inc	1.19	7.74	-2.01	Basic Materials
⊖ Rockwell Automation Inc	1.16	8.90	28.82	Industrials
⊖ D.R. Horton Inc	1.14	10.05	37.08	Consumer Cyclical
⊖ Centene Corp	1.13	11.18	-17.75	Healthcare
⊖ Ameriprise Financial Inc	1.06	12.24	7.51	Financial Services
⊖ Digital Realty Trust Inc	1.02	13.26	16.00	Real Estate
⊖ AmerisourceBergen Corp	1.01	14.27	16.71	Healthcare
⊖ Ferguson PLC	0.99	15.26	20.00	Industrials
⊖ Baker Hughes Co Class A	0.98	16.24	8.33	Energy
⊖ Lennar Corp Class A	0.97	17.20	39.29	Consumer Cyclical

**Total Holdings 197**

⊕ 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 27.15 years.

✔ **Style:** The fund has landed in its primary style box — Mid-Cap Blend — 91.43 % of the time over the past three years.

✔ **Net Expense:** The fund's expense ratio of 0.12 is 88.46% lower than the Real Estate category average.

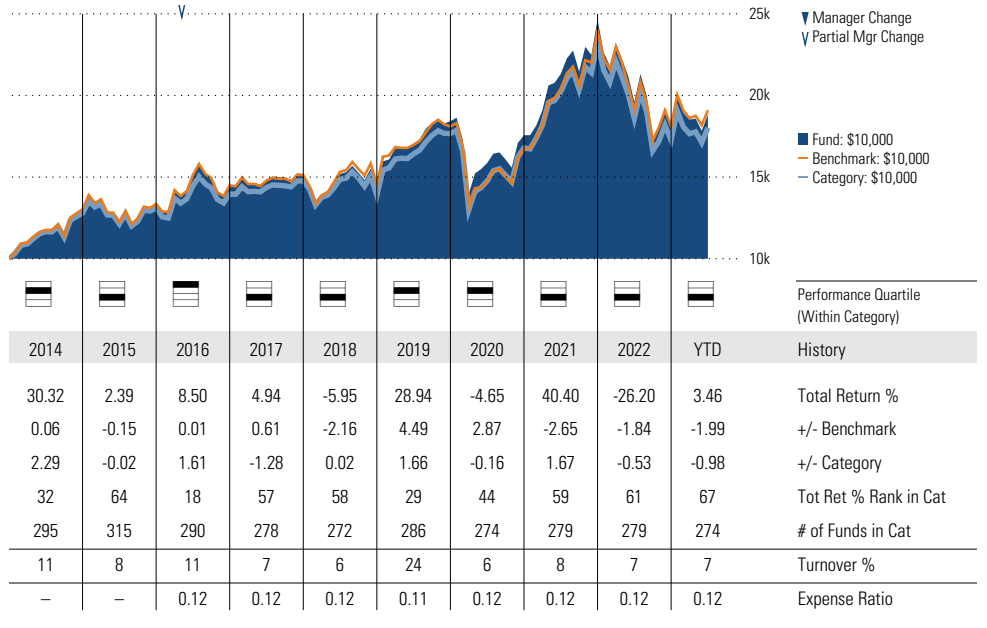
## Morningstar Investment Management LLC Analysis

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.

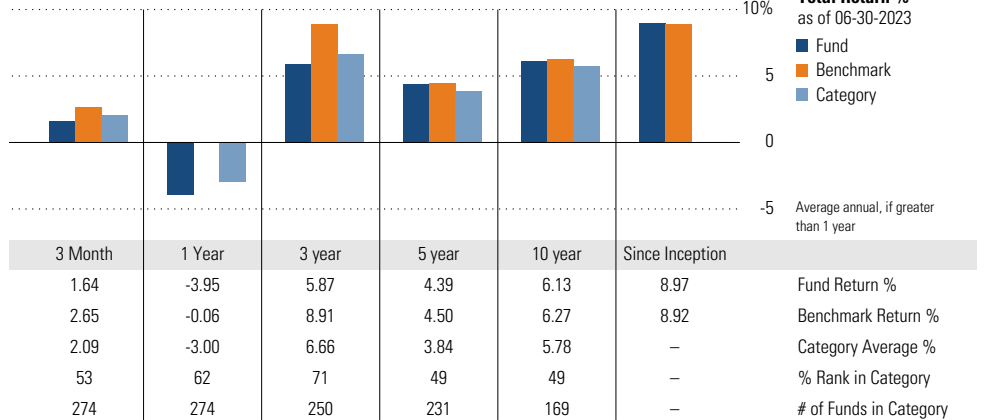
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	05-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

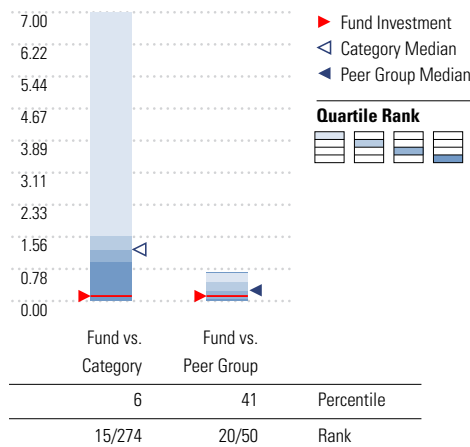
## Growth of \$10,000



## 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	-2.83	-	-1.69
Beta	1.00	-	0.96
R-Squared	98.74	-	93.81
Standard Deviation	20.22	20.05	19.81
Sharpe Ratio	0.30	0.44	0.35
Tracking Error	2.27	-	4.50
Information Ratio	-1.34	-	-0.58
Up Capture Ratio	95.85	-	93.21
Down Capture Ratio	105.61	-	99.34

## Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	28.85	38.46	29.90
Price/Book Ratio	2.25	2.42	2.19
Geom Avg Mkt Cap \$B	21.51	9.35	31.26
ROE	14.13	9.56	15.54

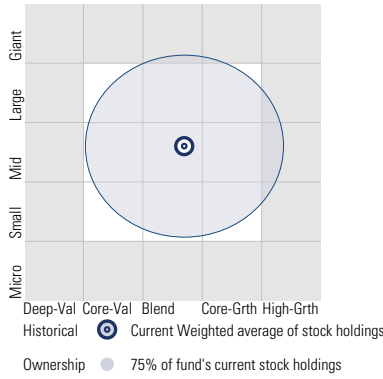
# Vanguard Real Estate Index Admiral VGSLX

**Morningstar Category**  
Real Estate

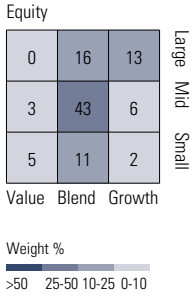
**Morningstar Index**  
S&P United States REIT TR USD

## Style Analysis as of 06-30-2023

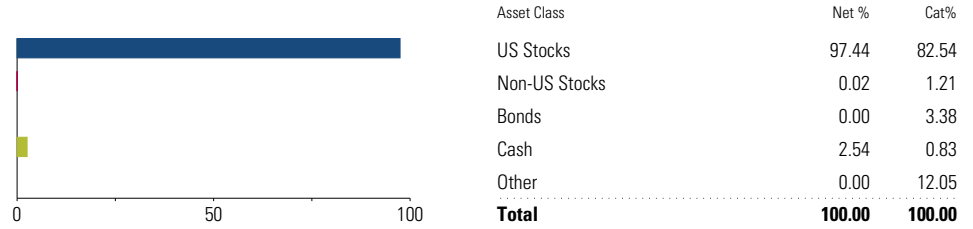
Morningstar Style Box™



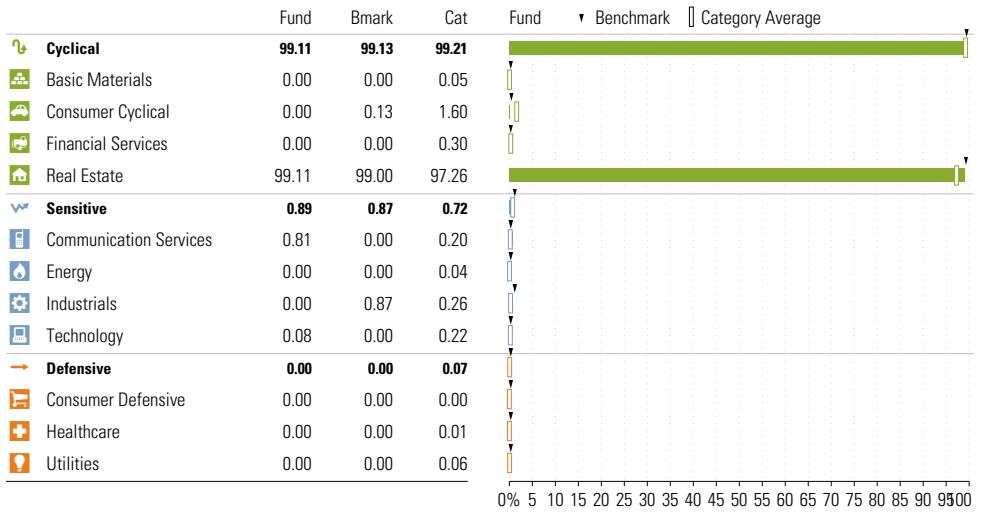
## Style Breakdown



## Asset Allocation as of 06-30-2023



## Sector Weighting as of 06-30-2023



## Top 15 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Real Estate II Index	12.52	12.52	-	-
⊖ Prologis Inc	7.44	19.96	10.33	Real Estate
⊖ American Tower Corp	5.93	25.89	-6.98	Real Estate
⊖ Equinix Inc	4.81	30.71	20.72	Real Estate
⊖ Crown Castle Inc	3.24	33.95	-13.69	Real Estate
⊖ Public Storage	3.03	36.98	6.31	Real Estate
⊖ Realty Income Corp	2.59	39.58	-3.34	Real Estate
⊖ Welltower Inc	2.54	42.12	25.26	Real Estate
⊖ Simon Property Group Inc	2.40	44.52	1.40	Real Estate
⊕ CoStar Group Inc	2.38	46.90	15.17	Real Estate
⊖ Digital Realty Trust Inc	2.07	48.96	16.00	Real Estate
⊖ VICI Properties Inc Ordinary Shares	1.80	50.77	-0.59	Real Estate
⊖ AvalonBay Communities Inc	1.74	52.51	19.22	Real Estate
⊖ SBA Communications Corp Class A	1.65	54.15	-16.71	Real Estate
⊖ CBRE Group Inc Class A	1.65	55.80	4.87	Real Estate

**Total Holdings 169**

⊕ Increase ⊖ Decrease ✨ New to Portfolio

# Vanguard Small Cap Value Index Admiral VSIAX

**Morningstar Category**  
Small Value

**Morningstar Index**  
Russell 2000 Value TR USD

## Portfolio Manager(s)

Gerard O'Reilly since 04-2016  
William Coleman since 04-2016

## Quantitative Screens

✔ **Performance:** The fund has finished in the Small Value 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 7.18 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.07 is 93.75% lower than the Small Value category average.

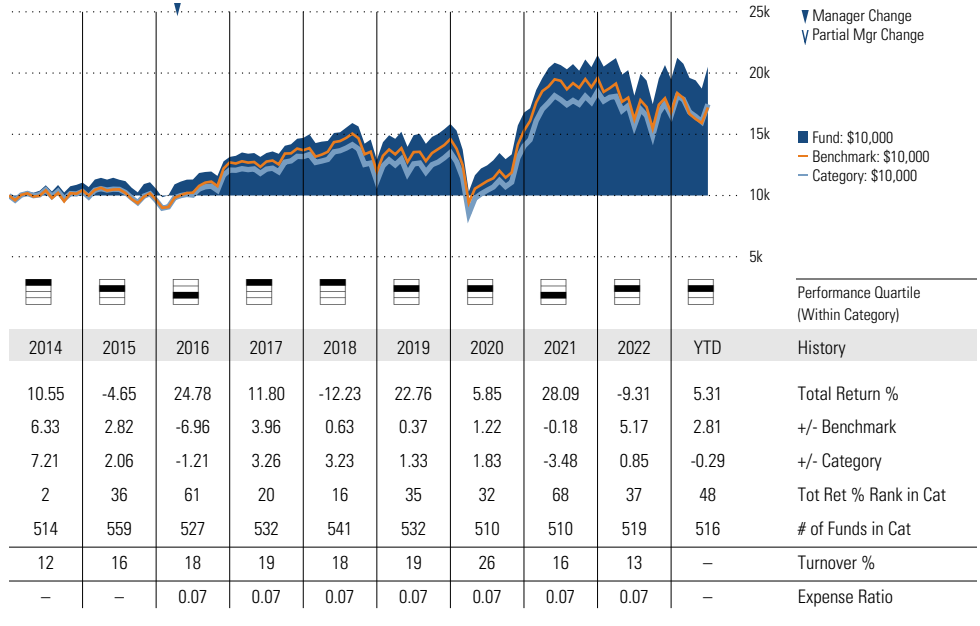
## Morningstar Investment Management LLC Analysis

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.

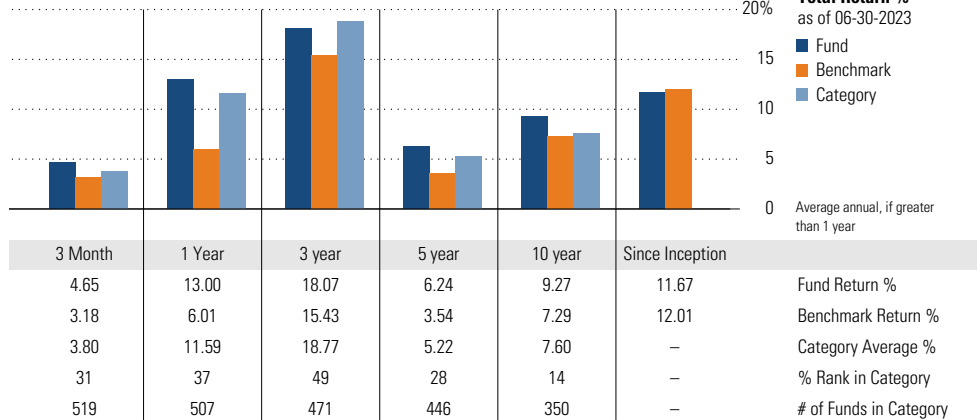
## ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	05-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

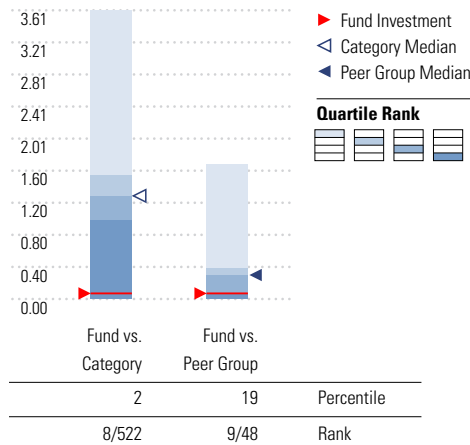
## Growth of \$10,000



## 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	3.26	-	3.22
Beta	0.93	-	0.95
R-Squared	96.83	-	93.19
Standard Deviation	21.35	22.66	22.34
Sharpe Ratio	0.81	0.67	0.79
Tracking Error	4.14	-	5.93
Information Ratio	0.64	-	0.50
Up Capture Ratio	98.72	-	100.18
Down Capture Ratio	89.08	-	90.57

## Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	10.69	8.49	10.20
Price/Book Ratio	1.65	1.20	1.45
Geom Avg Mkt Cap \$B	5.16	1.80	4.13
ROE	16.17	7.82	16.17

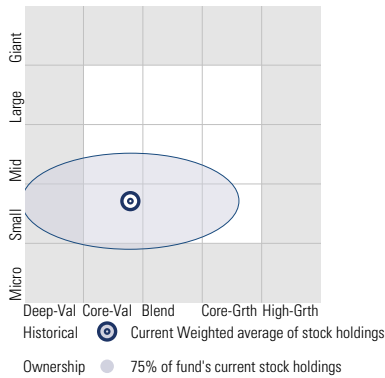
# Vanguard Small Cap Value Index Admiral VSIAX

**Morningstar Category**  
Small Value

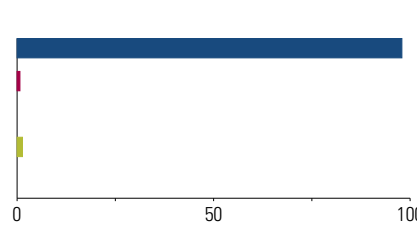
**Morningstar Index**  
Russell 2000 Value TR USD

## Style Analysis as of 06-30-2023

Morningstar Style Box™

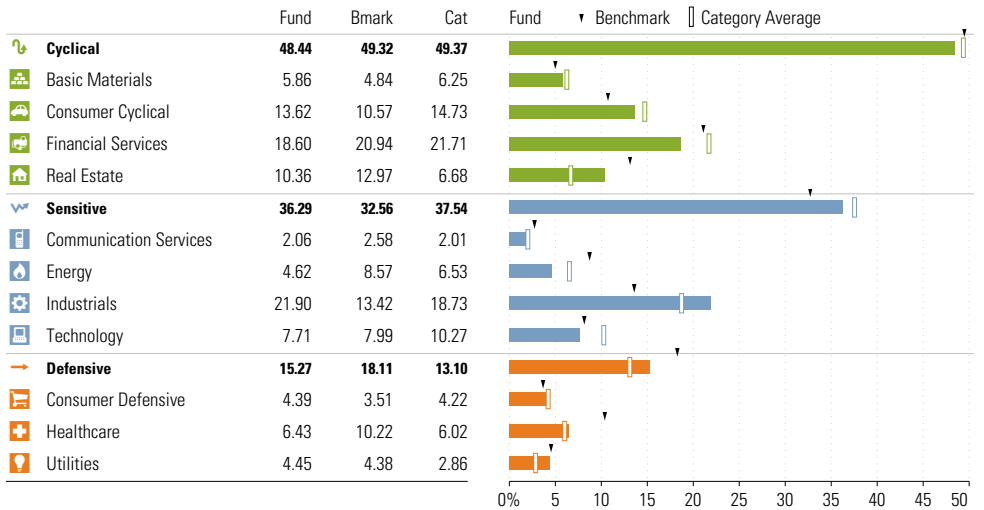


## Asset Allocation as of 06-30-2023

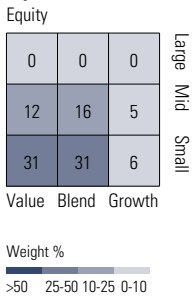


Asset Class	Net %	Cat%
US Stocks	97.91	93.02
Non-US Stocks	0.72	3.32
Bonds	0.00	0.02
Cash	1.37	3.66
Other	0.00	-0.01
<b>Total</b>	<b>100.00</b>	<b>100.00</b>

## Sector Weighting as of 06-30-2023



## Style Breakdown



## Top 15 Holdings as of 06-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Slcmt1142	1.28	1.28	-	-
⊖ Builders FirstSource Inc	0.64	1.92	109.62	Industrials
⊖ IDEX Corp	0.60	2.52	-5.18	Industrials
⊖ Reliance Steel & Aluminum Co	0.59	3.10	35.15	Basic Materials
⊖ Atmos Energy Corp	0.57	3.68	5.13	Utilities
⊖ Booz Allen Hamilton Holding Corp Class A	0.54	4.22	7.22	Industrials
⊖ Bunge Ltd	0.52	4.74	-4.18	Consumer Defensive
⊖ Jabil Inc	0.50	5.24	58.49	Technology
⊖ Carlisle Companies Inc	0.48	5.72	9.50	Industrials
⊖ First Citizens BancShares Inc Class A	0.48	6.20	69.44	Financial Services
⊖ Kimco Realty Corp	0.45	6.65	-4.72	Real Estate
⊖ Gaming and Leisure Properties Inc	0.44	7.10	-3.72	Real Estate
⊕ AECOM	0.43	7.53	0.14	Industrials
⊖ Owens-Corning Inc	0.43	7.96	54.21	Industrials
⊖ RPM International Inc	0.43	8.39	-7.06	Basic Materials

**Total Holdings 878**

⊕ Increase ⊖ Decrease ✨ New to Portfolio