

American Funds American Balanced R6 RLBGX

Morningstar Category
Moderate Allocation

Morningstar Index
Morningstar US Mod Tgt Alloc NR USD

Portfolio Manager(s)

- Hilda Applbaum since 01-1999
- Alan Berro since 03-2006
- Jeffrey Lager since 03-2011
- Paul Benjamin since 07-2014
- Anne-Marie Peterson since 10-2015
- Alan Wilson since 01-2016
- John Queen since 07-2016
- Pramod Atluri since 03-2018
- Mark Casey since 10-2019
- Ritchie Tuazon since 10-2020
- Chit Purani since 03-2023
- Jin Lee since 03-2023

Quantitative Screens

Performance: The fund has finished in the Moderate Allocation 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 24.76 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 0.25 is 75% lower than the Moderate Allocation category average.

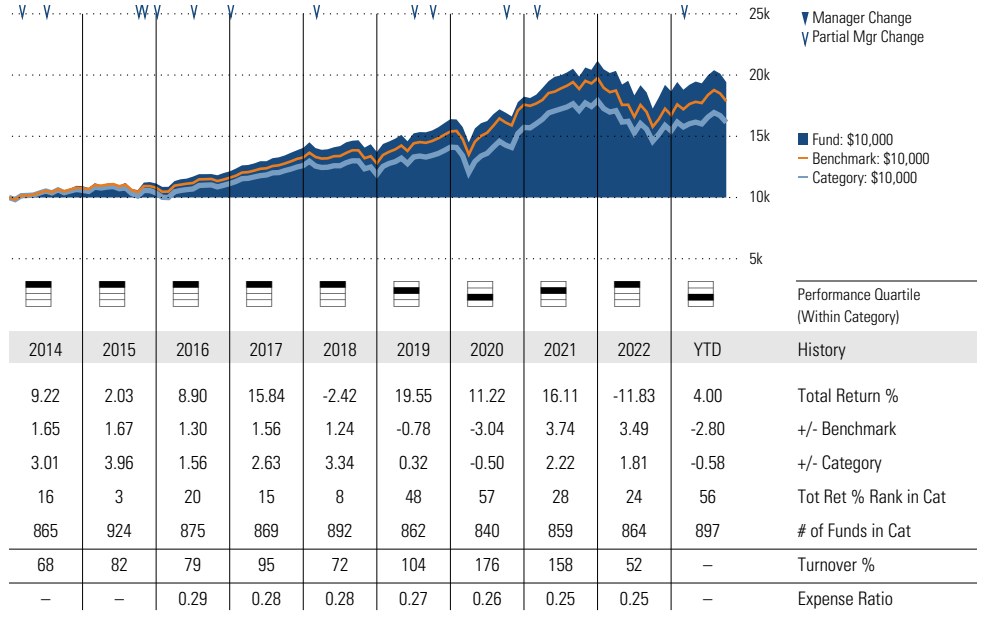
Morningstar Investment Management LLC Analysis

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	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

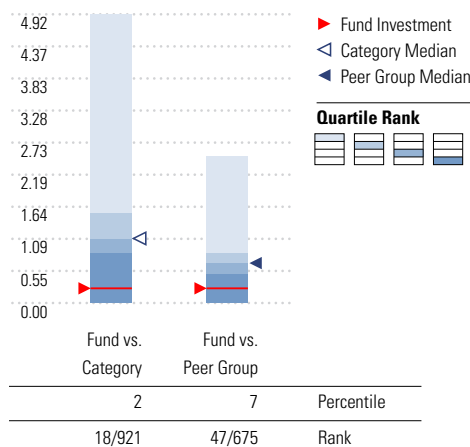
Growth of \$10,000



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	1.27	-	-0.04
Beta	0.97	-	0.98
R-Squared	96.09	-	94.16
Standard Deviation	11.88	12.04	12.24
Sharpe Ratio	0.27	0.17	0.16
Tracking Error	2.38	-	2.86
Information Ratio	0.50	-	-0.13
Up Capture Ratio	105.57	-	99.51
Down Capture Ratio	99.20	-	100.41

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.73	19.23	20.37
Price/Book Ratio	3.75	2.95	3.33
Avg Eff Duration	6.67	6.12	5.40

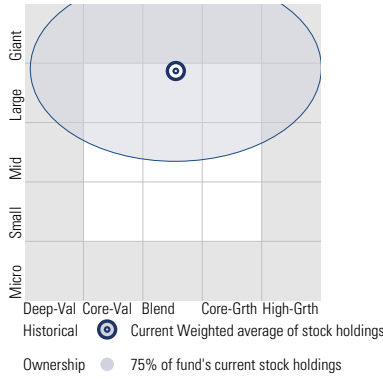
American Funds American Balanced R6 RLBGX

Morningstar Category
Moderate Allocation

Morningstar Index
Morningstar US Mod Tgt Alloc NR USD

Style Analysis as of 09-30-2023

Morningstar Style Box™



Style Breakdown



Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	54.38	48.05
Non-US Stocks	7.64	10.07
Bonds	29.70	34.67
Cash	4.62	3.72
Other	3.65	3.49
Total	100.00	100.00

Sector Weighting as of 09-30-2023



Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	—	10.33	10.33	—	—
✳ Cash And Other Assets Less Liabilities	—	5.72	16.05	—	—
⊖ Microsoft Corp	—	4.36	20.41	32.51	Technology
⊖ Cap Grp Cent Fd Ser Ii	—	3.65	24.06	—	—
⊖ Broadcom Inc	—	3.47	27.54	51.02	Technology
⊖ UnitedHealth Group Inc	—	2.03	29.56	-3.88	Healthcare
⊕ Philip Morris International Inc	—	2.01	31.58	-4.73	Consumer Defensive
⊖ The Home Depot Inc	—	1.38	32.96	-2.35	Consumer Cyclical
⊖ Alphabet Inc Class C	—	1.21	34.17	48.60	Communication Svc
⊕ Taiwan Semiconductor Manufacturing Co Ltd ADR	—	1.18	35.35	18.48	Technology

Total Holdings 2324

⊕ Increase ⊖ Decrease ✳ New to Portfolio

American Funds Intl Gr and Inc R6 RIGGX

Morningstar Category
Foreign Large Blend

Morningstar Index
MSCI ACWI Ex USA NR USD

Portfolio Manager(s)

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

Quantitative Screens

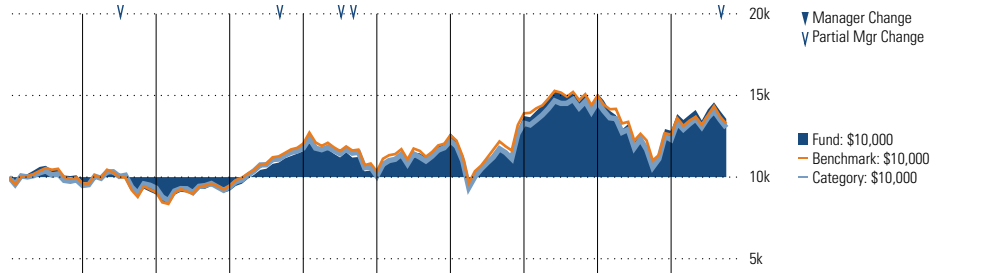
✔ **Performance:** The fund has finished in the Foreign Large Blend category's top three quartiles in 9 of the 10 years it's been in existence.

✔ **Management:** The fund's management has been in place for 15.01 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.54 is 37.93% lower than the Foreign Large Blend category average.

Growth of \$10,000



2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD	History
-2.92	-7.97	2.54	26.50	-14.10	27.54	8.20	10.12	-15.16	5.69	Total Return %
0.95	-2.31	-1.96	-0.69	0.10	6.03	-2.45	2.30	0.84	0.35	+/- Benchmark
2.06	-6.38	1.75	1.38	0.49	5.95	-1.10	0.40	0.68	-0.26	+/- Category
20	90	28	33	43	5	55	54	44	59	Tot Ret % Rank in Cat
765	814	800	816	818	851	866	850	835	807	# of Funds in Cat
-	25	37	37	27	35	35	23	34	31	Turnover %
-	-	0.58	0.58	0.57	0.57	0.54	0.54	0.53	0.54	Expense Ratio

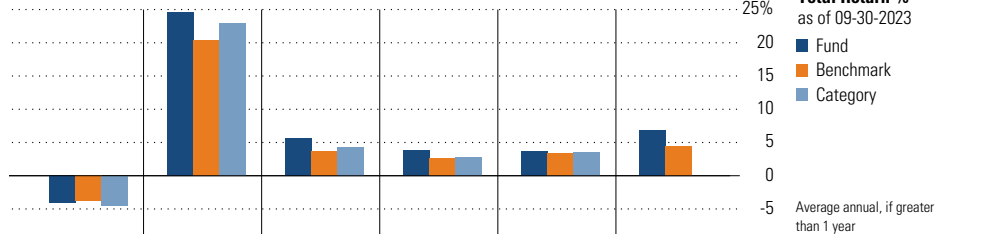
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ESG Metrics

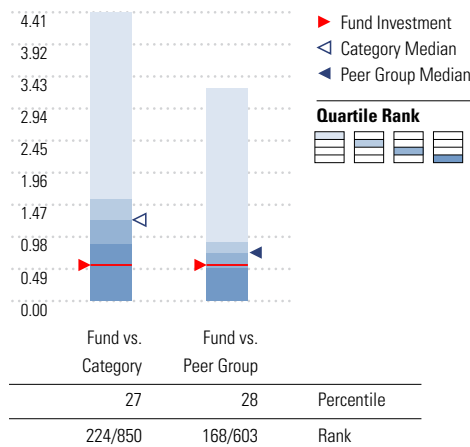
Metric	Rating	Updated
Sustainability Rating	2	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Trailing Performance



3 Month	1 Year	3 year	5 year	10 year	Since Inception	
-4.10	24.55	5.67	3.85	3.69	6.88	Fund Return %
-3.77	20.39	3.74	2.58	3.35	4.43	Benchmark Return %
-4.48	22.92	4.33	2.81	3.60	-	Category Average %
37	40	29	19	47	-	% Rank in Category
824	800	746	686	460	-	# of Funds in Category

Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	1.75	-	0.38
Beta	1.06	-	1.03
R-Squared	95.95	-	93.49
Standard Deviation	18.67	17.19	18.35
Sharpe Ratio	0.28	0.18	0.20
Tracking Error	3.91	-	4.70
Information Ratio	0.49	-	0.11
Up Capture Ratio	110.29	-	106.23
Down Capture Ratio	103.03	-	105.46

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	13.60	13.48	14.20
Price/Book Ratio	1.74	1.67	1.88
Geom Avg Mkt Cap \$B	49.84	42.75	56.55
ROE	20.60	17.72	20.14

American Funds Intl Gr and Inc R6 RIGGX

Morningstar Category
Foreign Large Blend

Morningstar Index
MSCI ACWI Ex USA NR USD

Style Analysis as of 09-30-2023

Morningstar Style Box™



Style Breakdown

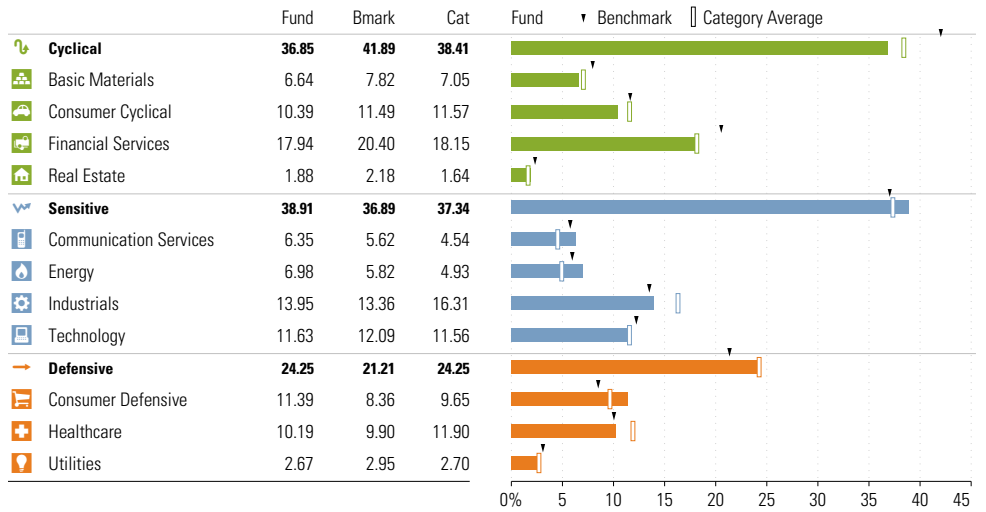


Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat %
US Stocks	5.91	3.46
Non-US Stocks	88.60	93.89
Bonds	0.49	0.22
Cash	4.92	0.97
Other	0.08	1.45
Total	100.00	100.00

Sector Weighting as of 09-30-2023



World Regions % Equity 09-30-2023



Region	Fund %	Cat %	Region	Fund %	Cat %	Region	Fund %	Cat %	Market Maturity	Fund %
Greater Asia	28.86	35.08	Americas	15.11	8.51	Greater Europe	56.03	56.41	Developed Markets	85.24
Japan	8.35	18.59	North America	10.62	7.23	United Kingdom	13.11	13.72	Emerging Markets	14.76
Australasia	0.49	4.86	Central/Latin	4.49	1.28	W euro-ex UK	41.30	41.70	Not Available	0.00
Asia-4 Tigers	10.67	6.61				Emrgng Europe	0.40	0.07		
Asia-ex 4 Tigers	9.35	5.02				Africa	1.22	0.92		
Not Classified	0.00	0.00								

Top 10 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Capital Group Central Cash M	4.56	4.56	-	-
AstraZeneca PLC	3.16	7.72	-	Healthcare
Taiwan Semiconductor Manufacturing Co Ltd	2.42	10.14	-	Technology
ASML Holding NV	2.38	12.52	-	Technology
Novo Nordisk A/S Class B	2.29	14.81	-	Healthcare
Airbus SE	2.23	17.04	-	Industrials
Philip Morris International Inc	2.21	19.24	-4.73	Consumer Defensive
TotalEnergies SE	1.77	21.01	-	Energy
LVMH Moet Hennessy Louis Vuitton SE	1.60	22.61	-	Consumer Cyclical
British American Tobacco PLC	1.50	24.10	-	Consumer Defensive

Total Holdings 273

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Baird Aggregate Bond Inst BAGIX

Morningstar Category
Intermediate Core Bond

Morningstar Index
Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 23.02 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 44.44% lower than the Intermediate Core Bond category average.

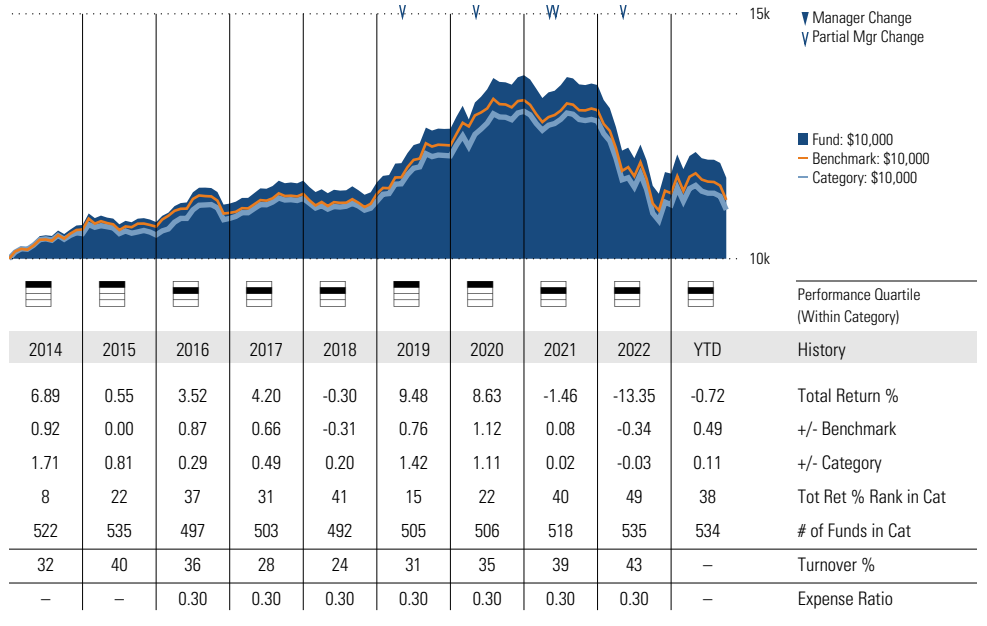
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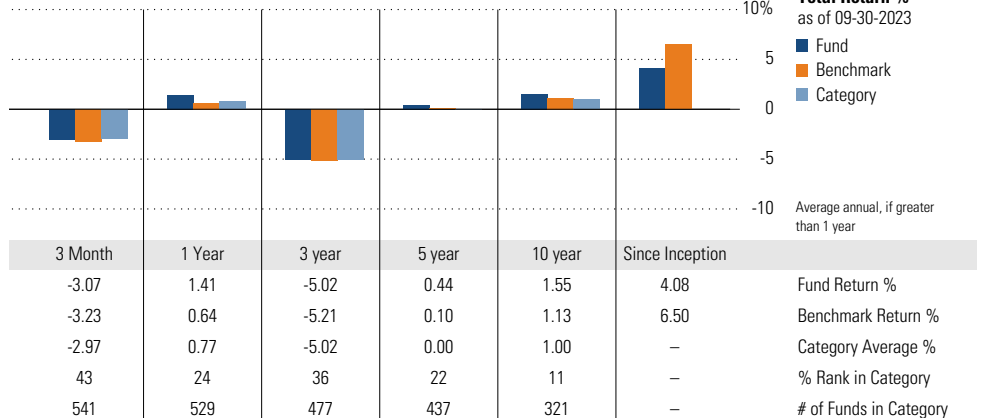
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	02-15-2022

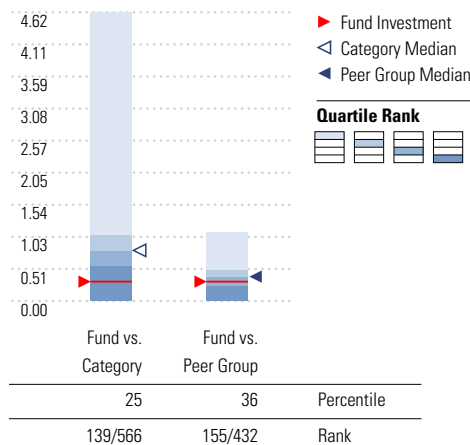
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.25	-	0.02
Beta	1.01	-	0.98
R-Squared	99.48	-	96.70
Standard Deviation	6.29	6.20	6.18
Sharpe Ratio	-1.11	-1.16	-1.15
Tracking Error	0.46	-	1.01
Information Ratio	0.40	-	-0.10
Up Capture Ratio	102.72	-	97.41
Down Capture Ratio	99.65	-	97.57

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.31	4.43	6.10
Avg Eff Maturity	8.44	-	8.47

Baird Aggregate Bond Inst BAGIX

Morningstar Category
Intermediate Core Bond

Morningstar Index
Bloomberg US Agg Bond TR USD

Style Analysis as of 09-30-2023

Style Breakdown



Asset Allocation as of 09-30-2023

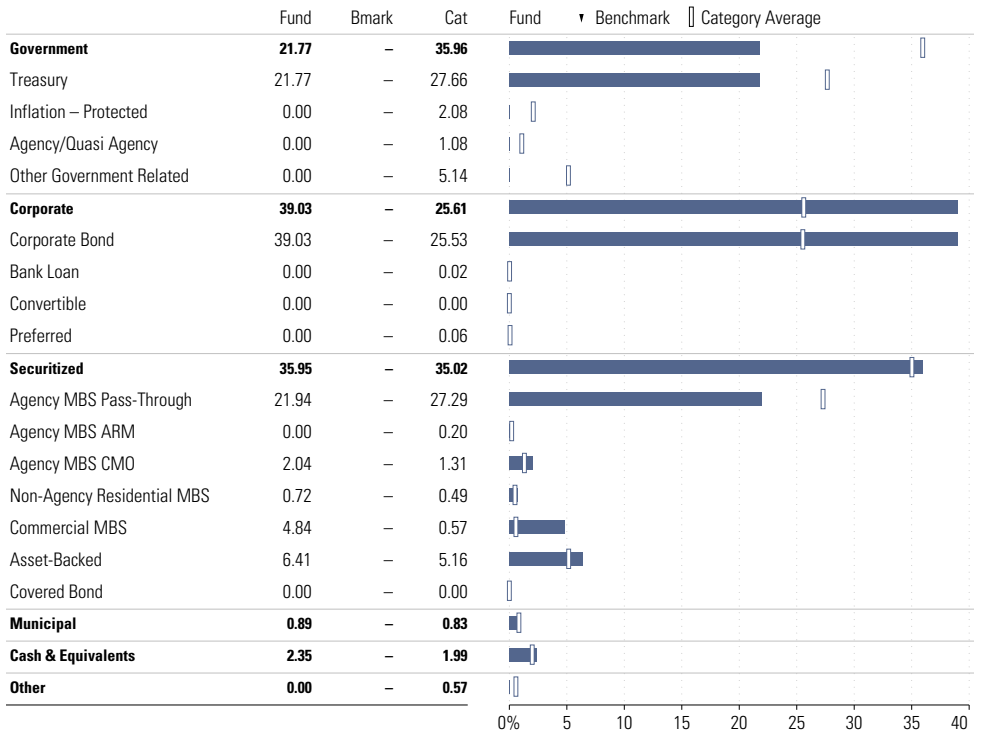


Asset Class	Net %	Cat%
US Stocks	0.00	0.07
Non-US Stocks	0.00	0.00
Bonds	97.56	95.99
Cash	2.35	2.17
Other	0.09	1.78
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	59.70	3.53	56.04
AA	3.80	74.59	8.35
A	13.10	10.82	17.35
BBB	23.20	8.32	15.53
BB	0.20	0.28	1.06
B	0.00	0.00	0.38
Below B	0.00	0.00	0.18
Not Rated	0.00	2.46	1.11

Sector Weighting as of 09-30-2023



Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ United States Treasury Notes 1.13%	10-2026	3.31	3.31	-
United States Treasury Bonds 2.5%	02-2045	3.13	6.44	-
⊕ First American Government Obligs U	02-2030	2.28	8.71	-
United States Treasury Bonds 2.88%	05-2043	2.27	10.99	-
⊕ United States Treasury Notes 1.13%	08-2028	2.24	13.23	-
United States Treasury Bonds 1.38%	11-2040	1.77	15.00	-
⊕ United States Treasury Notes 2.38%	03-2029	1.41	16.41	-
⊕ United States Treasury Bonds 2.38%	02-2042	1.20	17.61	-
⊖ United States Treasury Notes 2.88%	05-2032	1.04	18.65	-
⊕ United States Treasury Bonds 2.88%	05-2052	1.01	19.66	-

Total Holdings 1710

⊕ Increase ⊖ Decrease ✱ New to Portfolio

DFA US Small Cap I DFSTX

Morningstar Category
Small Blend

Morningstar Index
Russell 2000 TR USD

Portfolio Manager(s)

Jed Fogdall since 02-2012
Joel Schneider since 02-2017
Marc Leblond since 02-2020

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 11.59 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.27 is 72.16% lower than the Small Blend category average.

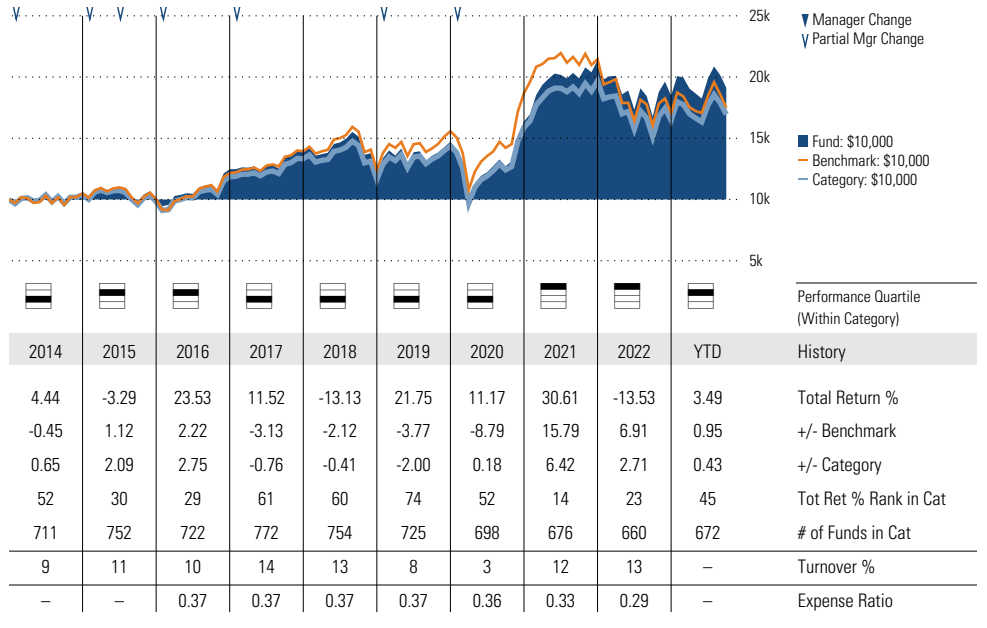
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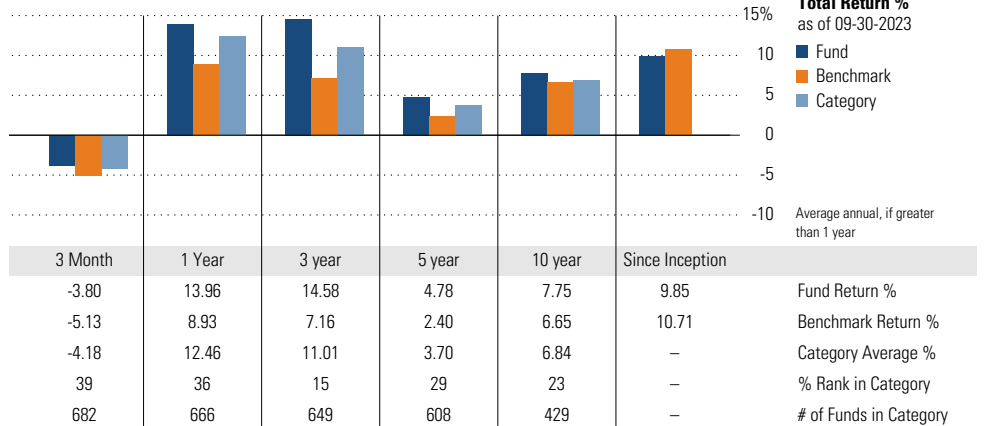
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022

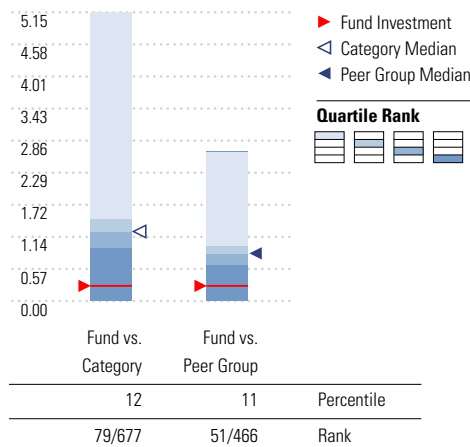
Growth of \$10,000



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	7.33	-	3.68
Beta	0.90	-	0.92
R-Squared	94.55	-	92.78
Standard Deviation	20.79	22.38	21.26
Sharpe Ratio	0.66	0.32	0.48
Tracking Error	5.31	-	5.68
Information Ratio	1.40	-	0.30
Up Capture Ratio	107.71	-	100.50
Down Capture Ratio	84.56	-	89.20

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	12.98	12.55	13.50
Price/Book Ratio	2.02	1.83	2.36
Geom Avg Mkt Cap \$B	3.00	2.27	4.82
ROE	14.87	8.59	21.32

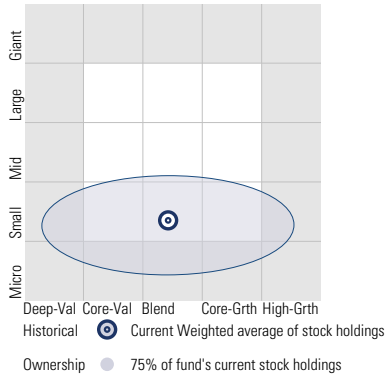
DFA US Small Cap I DFSTX

Morningstar Category
Small Blend

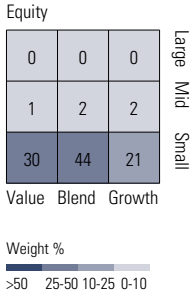
Morningstar Index
Russell 2000 TR USD

Style Analysis as of 09-30-2023

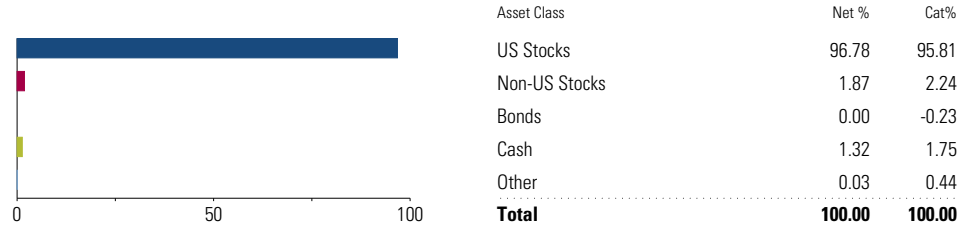
Morningstar Style Box™



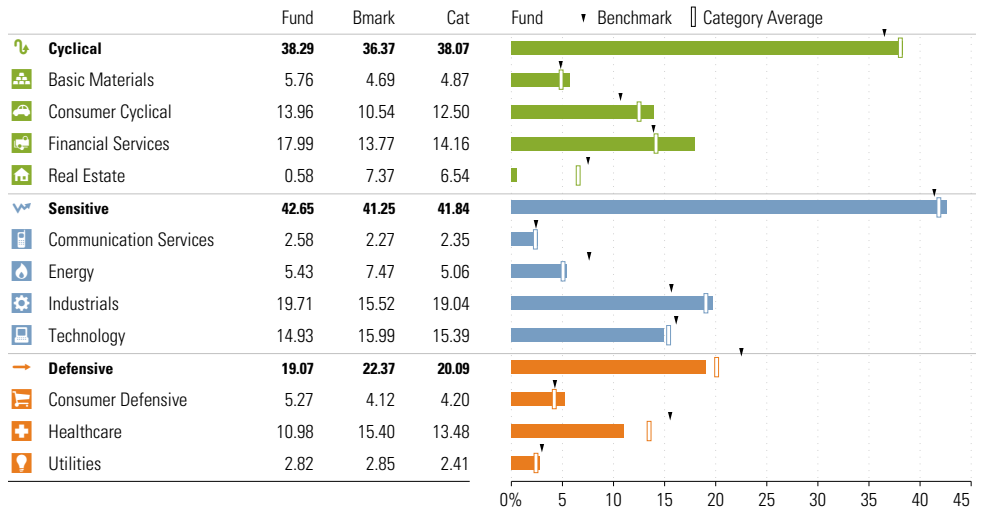
Style Breakdown



Asset Allocation as of 09-30-2023



Sector Weighting as of 09-30-2023



Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Future on E-mini S&P 500 Futures	1.01	1.01	—	—
⊕ Ssc Government Mm Gvmxx	0.96	1.96	—	—
⊕ Usd	0.37	2.33	—	—
⊕ Simpson Manufacturing Co Inc	0.36	2.69	69.86	Basic Materials
⊖ Super Micro Computer Inc	0.35	3.04	234.01	Technology
Axcelis Technologies Inc	0.34	3.38	105.46	Technology
Comfort Systems USA Inc	0.33	3.71	48.60	Industrials
UFP Industries Inc	0.31	4.03	30.22	Basic Materials
Saia Inc	0.30	4.33	90.12	Industrials
Novanta Inc	0.30	4.62	5.57	Technology
MSA Safety Inc	0.29	4.92	10.31	Industrials
⊖ Murphy USA Inc	0.29	5.21	22.66	Consumer Cyclical
Beacon Roofing Supply Inc Class A	0.29	5.50	46.18	Industrials
AAON Inc	0.29	5.78	13.73	Industrials
Amkor Technology Inc	0.29	6.07	-4.82	Technology

Total Holdings 1981

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Federated Hermes Govt Ultrashort R6 FGULX

Morningstar Category
Ultrashort Bond

Morningstar Index
Bloomberg US Agg Bond TR USD

Portfolio Manager(s)

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

Quantitative Screens

✔ **Performance:** The fund has finished in the Ultrashort Bond category's top three quartiles in 5 of the 7 years it's been in existence.

✔ **Management:** The fund's management has been in place for 26.24 years.

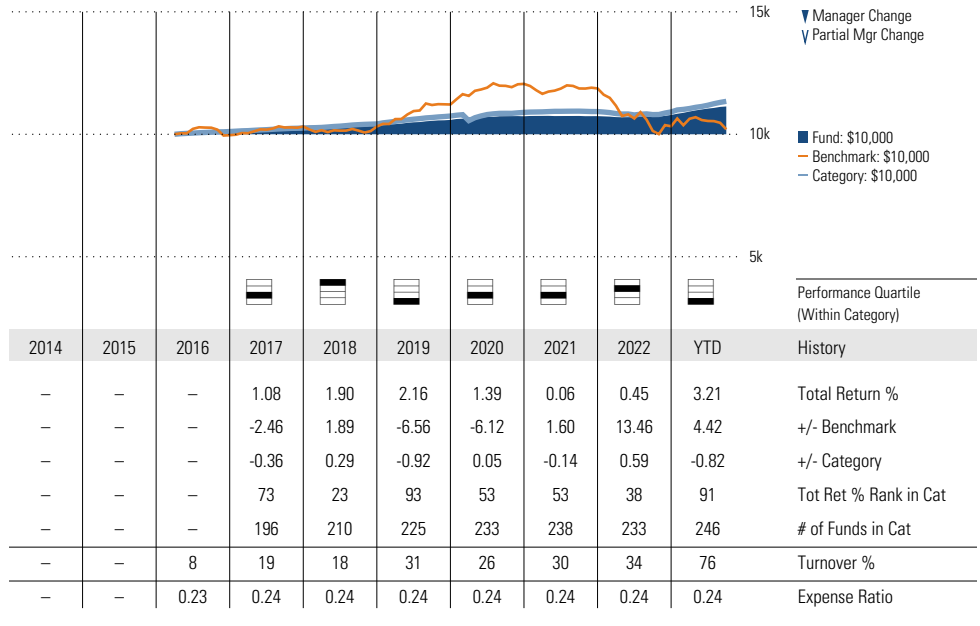
Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.24 is 42.86% lower than the Ultrashort Bond category average.

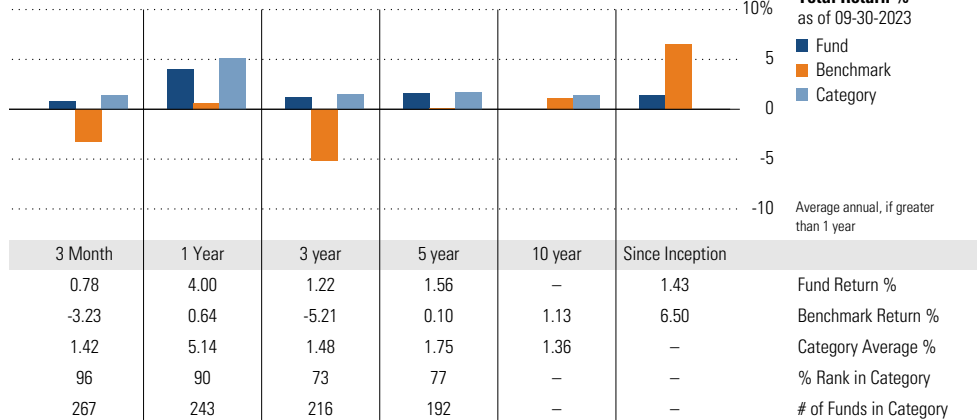
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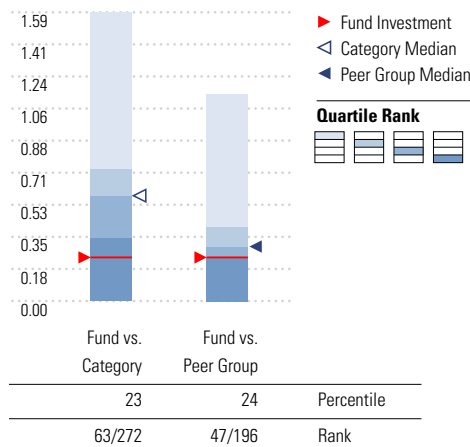
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.46	-	1.85
Beta	0.05	-	0.08
R-Squared	20.77	-	21.31
Standard Deviation	0.65	6.20	1.08
Sharpe Ratio	-2.04	-1.16	-0.98
Tracking Error	5.93	-	5.82
Information Ratio	1.08	-	1.15
Up Capture Ratio	10.61	-	15.49
Down Capture Ratio	-5.49	-	-5.01

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	0.48	4.43	0.70
Avg Eff Maturity	5.22	-	1.94

Federated Hermes Govt Ultrashort R6 FGULX

Morningstar Category
Ultrashort Bond

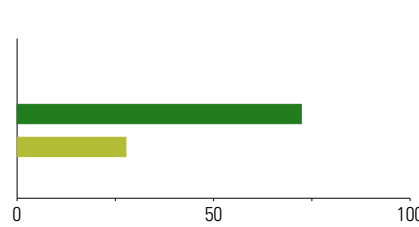
Morningstar Index
Bloomberg US Agg Bond TR USD

Style Analysis as of 09-30-2023

Style Breakdown



Asset Allocation as of 09-30-2023

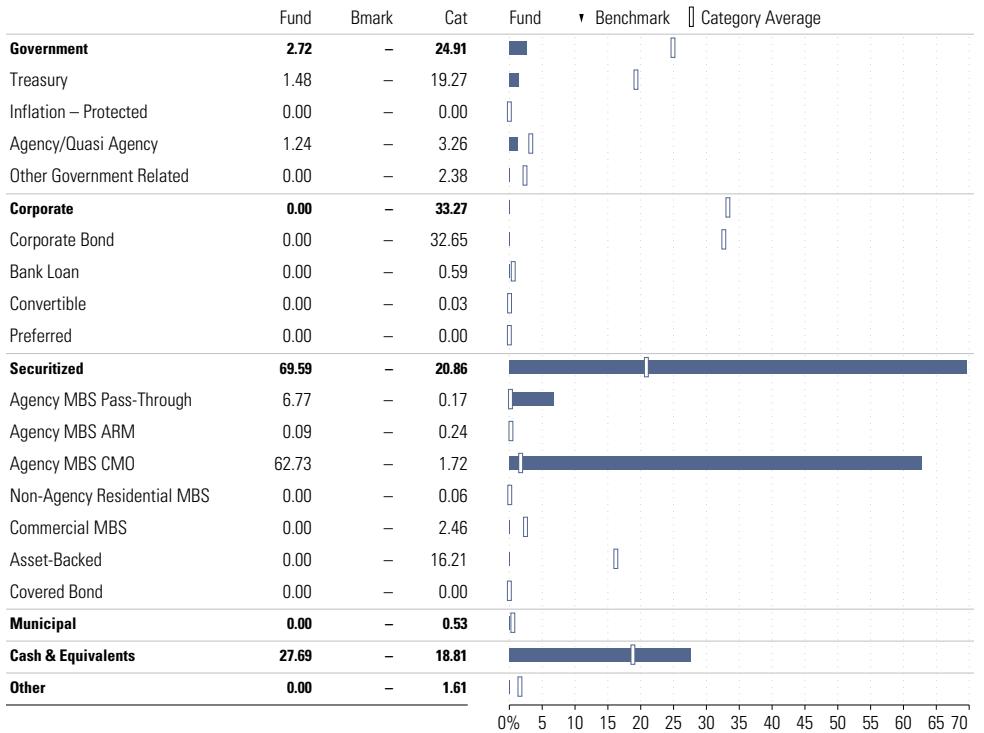


Asset Class	Net %	Cat%
US Stocks	0.00	0.10
Non-US Stocks	0.00	0.00
Bonds	72.31	71.51
Cash	27.69	28.31
Other	0.00	0.10
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	100.00	3.53	47.87
AA	0.00	74.59	8.37
A	0.00	10.82	21.90
BBB	0.00	8.32	16.09
BB	0.00	0.28	0.89
B	0.00	0.00	0.42
Below B	0.00	0.00	0.09
Not Rated	0.00	2.46	4.38

Sector Weighting as of 09-30-2023



Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Bank Of Montreal 4 Repo	07-2023	13.42	13.42	-
⊕ Hsbc Repo 2 Repo	07-2023	13.42	26.84	-
⊕ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.70052%	04-2033	5.51	32.34	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.55052%	12-2032	4.45	36.80	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.60052%	12-2032	4.12	40.91	-
⊕ Government National Mortgage Association 5.12871%	01-2073	3.66	44.57	-
⊕ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.71629%	07-2053	3.61	48.18	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.92052%	10-2032	3.11	51.29	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.92052%	11-2032	2.69	53.98	-
⊕ Government National Mortgage Association 6.1%	06-2053	2.58	56.56	-

Total Holdings 193

⊕ Increase ⊖ Decrease ✱ New to Portfolio

T. Rowe Price Retirement I 2010 I TRPAX

Morningstar Category
Target-Date 2000-2010

Morningstar Index
Morningstar Lifetime Mod 2010 TR USD

Portfolio Manager(s)

Wyatt Lee since 09-2015
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 7 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 8.01 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 0.34 is 32% lower than the Target-Date 2000-2010 category average.

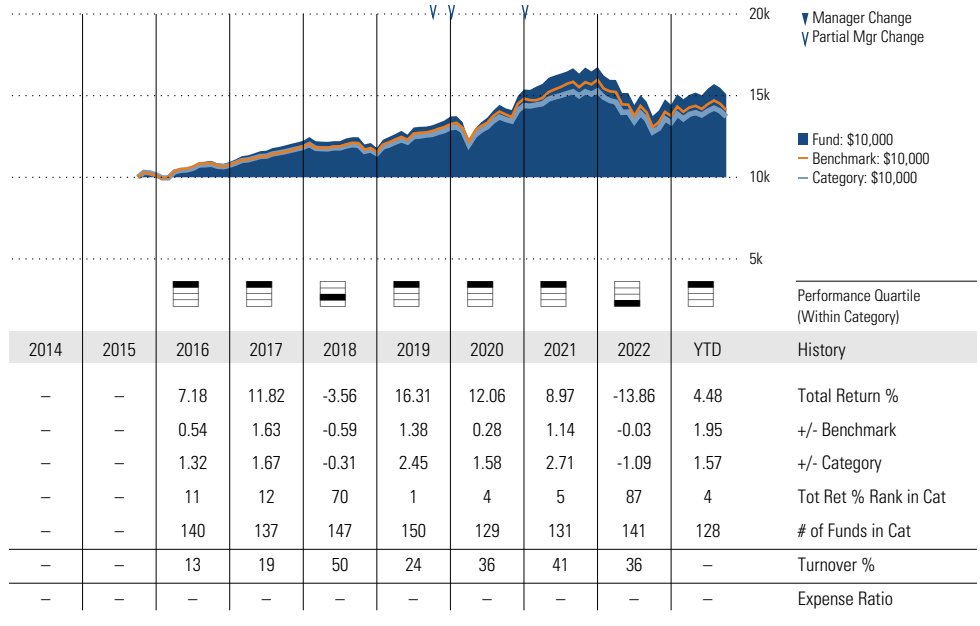
Morningstar Investment Management LLC Analysis

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

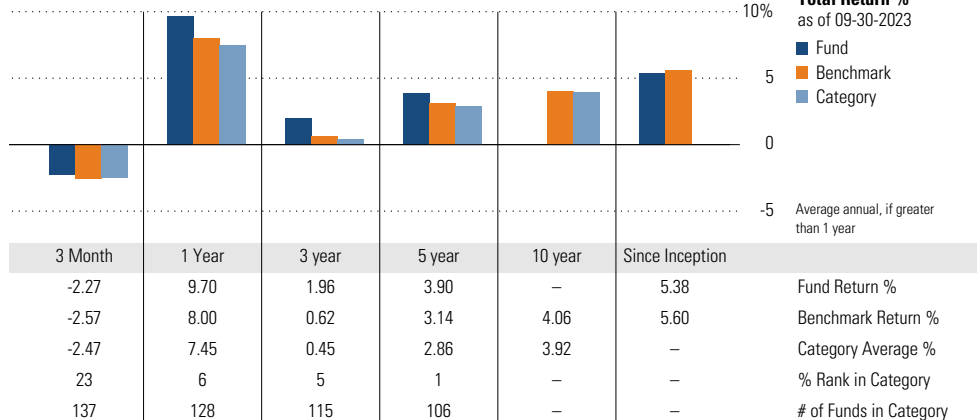
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	02-15-2022

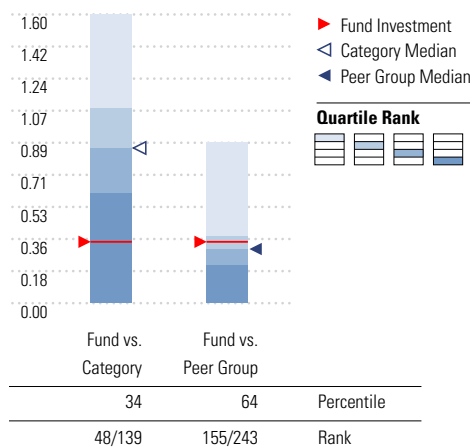
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	1.32	-	-0.18
Beta	1.01	-	0.87
R-Squared	98.26	-	96.69
Standard Deviation	9.73	9.57	8.45
Sharpe Ratio	0.04	-0.10	-0.16
Tracking Error	1.29	-	2.00
Information Ratio	1.04	-	0.02
Up Capture Ratio	104.80	-	84.96
Down Capture Ratio	94.80	-	86.26

Portfolio Metrics

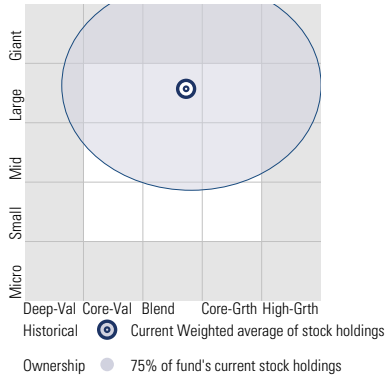
Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.41	17.93	18.19
Price/Book Ratio	2.64	2.50	2.76
Avg Eff Duration	6.05	-	5.87

T. Rowe Price Retirement I 2010 I TRPAX

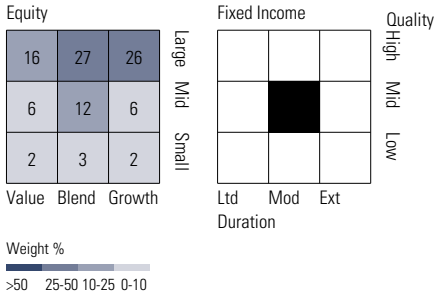
Morningstar Category
Target-Date 2000-2010

Morningstar Index
Morningstar Lifetime Mod 2010 TR USD

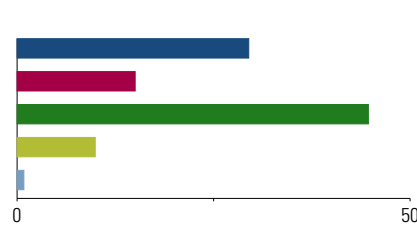
Style Analysis as of 09-30-2023
Morningstar Style Box™



Style Breakdown

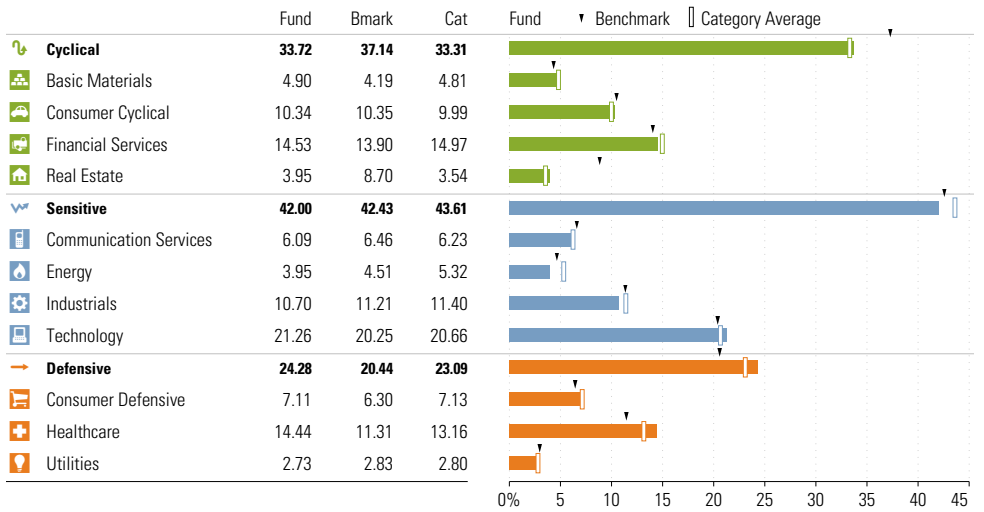


Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	29.47	22.85
Non-US Stocks	15.02	12.65
Bonds	44.69	57.18
Cash	9.94	4.88
Other	0.86	2.46
Total	100.00	100.00

Sector Weighting as of 09-30-2023



Top 10 Holdings as of 09-30-2023

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	—	14.35	28.92	—	—
⊖ T. Rowe Price Growth Stock Z	—	7.46	36.37	—	—
⊖ T. Rowe Price Value Z	—	7.42	43.79	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	—	5.17	48.96	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	4.56	53.52	—	—
⊕ T. Rowe Price Emerging Markets Bond Z	—	3.90	57.42	—	—
⊖ T. Rowe Price Overseas Stock Z	—	3.88	61.30	—	—
⊕ T. Rowe Price US Trs Long-Term Idx Z	—	3.78	65.08	—	—
⊕ T. Rowe Price US Treasury Money Z	—	3.70	68.78	—	—

Total Holdings 27

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2015 I TRFGX

Morningstar Category
Target-Date 2015

Morningstar Index
Morningstar Lifetime Mod 2015 TR USD

Portfolio Manager(s)

Wyatt Lee since 09-2015
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 8 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 8.01 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 0.35 is 35.19% lower than the Target-Date 2015 category average.

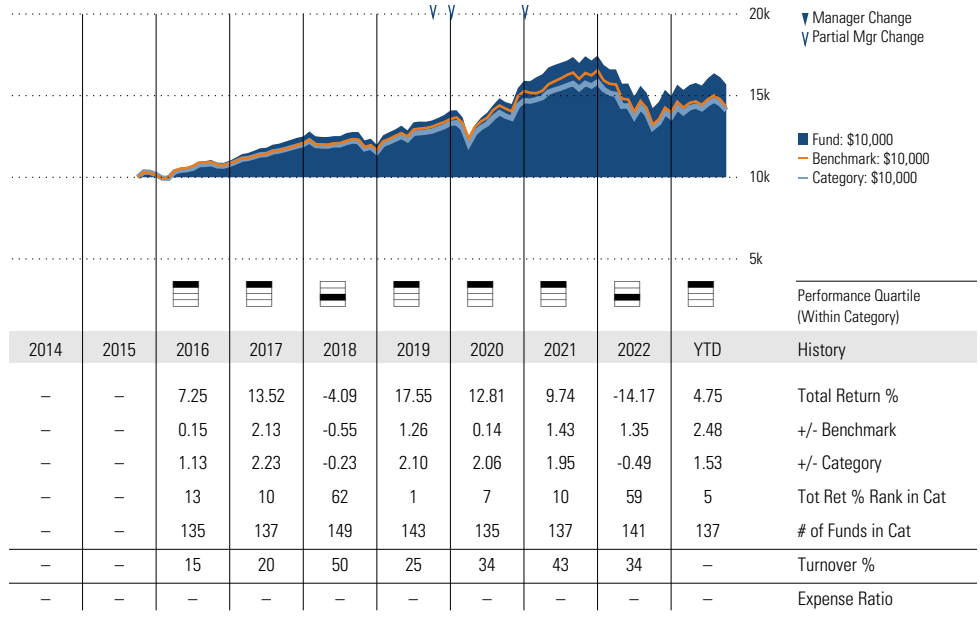
Morningstar Investment Management LLC Analysis

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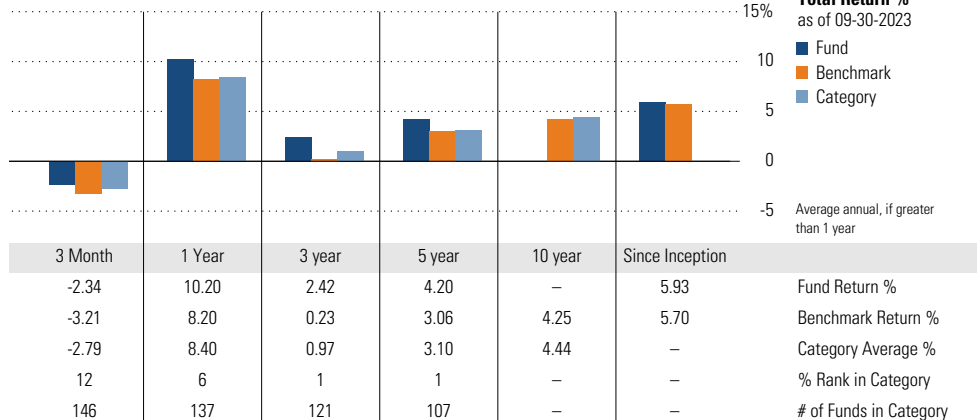
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	02-15-2022

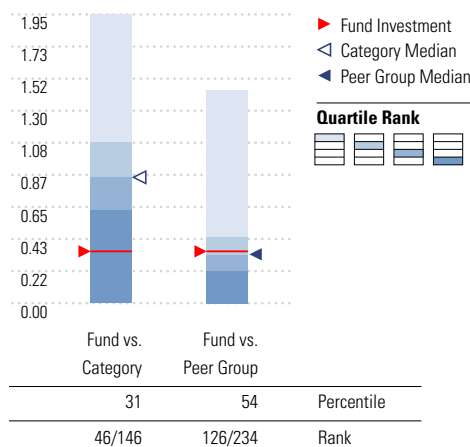
Growth of \$10,000



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	2.16	-	0.81
Beta	0.96	-	0.90
R-Squared	97.96	-	97.66
Standard Deviation	10.22	10.54	9.57
Sharpe Ratio	0.08	-0.12	-0.06
Tracking Error	1.52	-	1.88
Information Ratio	1.44	-	0.47
Up Capture Ratio	101.88	-	91.61
Down Capture Ratio	87.05	-	85.97

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.43	17.77	18.18
Price/Book Ratio	2.64	2.46	2.74
Avg Eff Duration	6.18	-	5.88

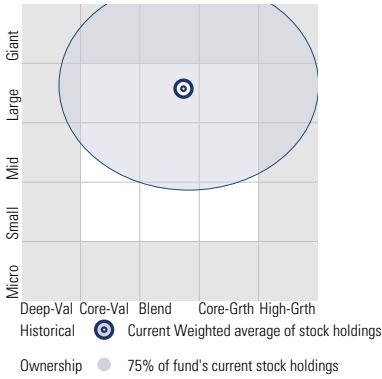
T. Rowe Price Retirement I 2015 I TRFGX

Morningstar Category
Target-Date 2015

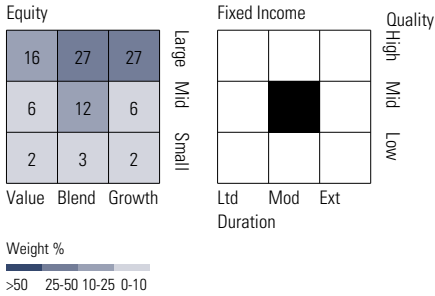
Morningstar Index
Morningstar Lifetime Mod 2015 TR USD

Style Analysis as of 09-30-2023

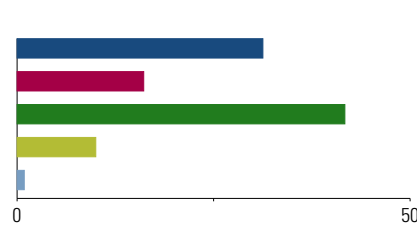
Morningstar Style Box™



Style Breakdown

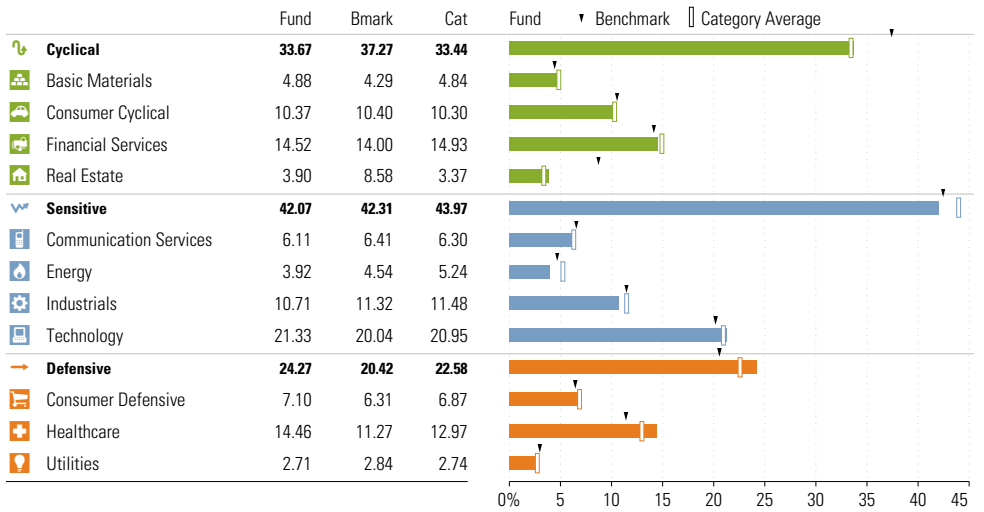


Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	31.27	25.52
Non-US Stocks	16.11	14.35
Bonds	41.70	51.48
Cash	10.01	3.78
Other	0.91	4.88
Total	100.00	100.00

Sector Weighting as of 09-30-2023



Top 10 Holdings as of 09-30-2023

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	—	12.54	26.44	—	—
⊖ T. Rowe Price Growth Stock Z	—	8.09	34.53	—	—
⊖ T. Rowe Price Value Z	—	7.92	42.45	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	—	5.00	47.45	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	4.58	52.03	—	—
⊖ T. Rowe Price Overseas Stock Z	—	4.15	56.18	—	—
⊕ T. Rowe Price US Trs Long-Term Idx Z	—	3.82	60.00	—	—
⊕ T. Rowe Price US Treasury Money Z	—	3.74	63.75	—	—
⊕ T. Rowe Price Emerging Markets Bond Z	—	3.74	67.49	—	—

Total Holdings 27

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2020 I TRBRX

Morningstar Category
Target-Date 2020

Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

Portfolio Manager(s)

Wyatt Lee since 09-2015
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 8 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 8.01 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 0.37 is 36.21% lower than the Target-Date 2020 category average.

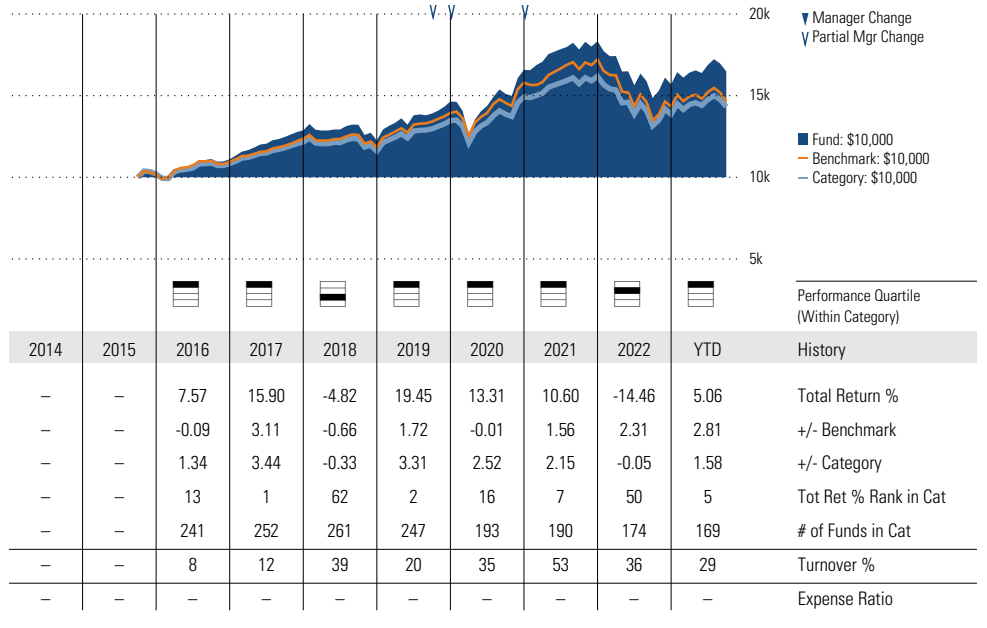
Morningstar Investment Management LLC Analysis

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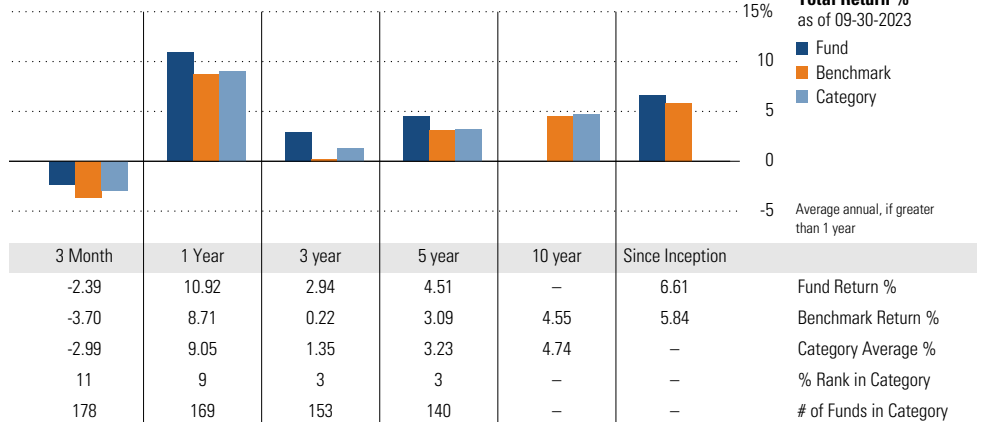
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	02-15-2022

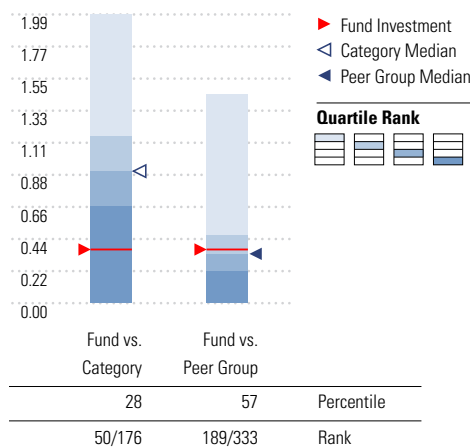
Growth of \$10,000



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	2.67	-	1.10
Beta	0.93	-	0.88
R-Squared	97.77	-	97.66
Standard Deviation	10.76	11.49	10.24
Sharpe Ratio	0.13	-0.10	-0.02
Tracking Error	1.82	-	2.17
Information Ratio	1.50	-	0.58
Up Capture Ratio	99.32	-	91.07
Down Capture Ratio	82.43	-	84.06

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.49	17.60	18.43
Price/Book Ratio	2.65	2.43	2.67
Avg Eff Duration	6.27	-	5.99

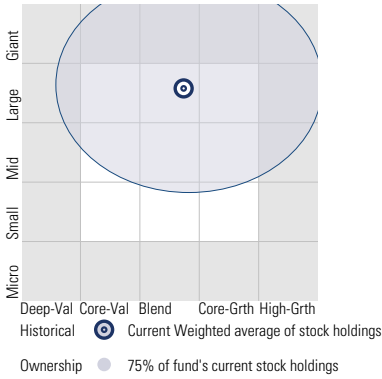
T. Rowe Price Retirement I 2020 I TRBRX

Morningstar Category
Target-Date 2020

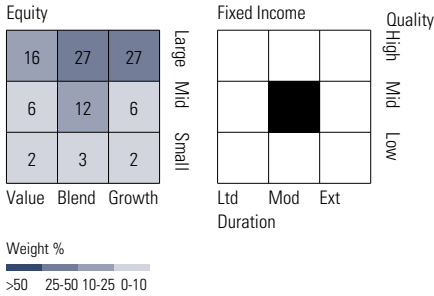
Morningstar Index
Morningstar Lifetime Mod 2020 TR USD

Style Analysis as of 09-30-2023

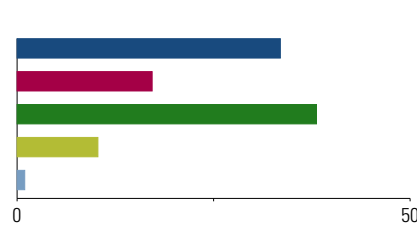
Morningstar Style Box™



Style Breakdown

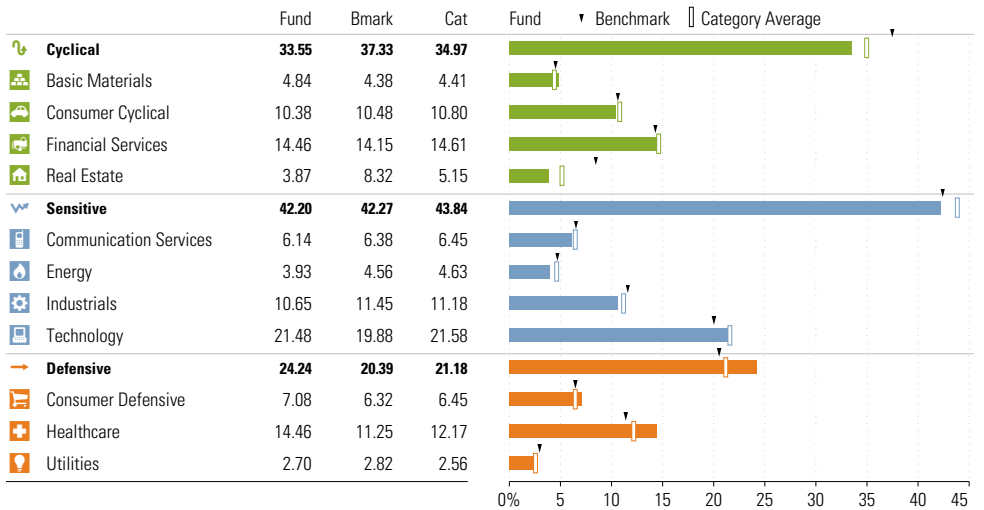


Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	33.49	26.35
Non-US Stocks	17.18	14.08
Bonds	38.09	49.41
Cash	10.28	2.01
Other	0.97	8.15
Total	100.00	100.00

Sector Weighting as of 09-30-2023



Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price New Income Z	—	13.37	13.37	—	—
⊕ T. Rowe Price Ltd Dur Infl Focus Bd Z	—	10.39	23.77	—	—
⊖ T. Rowe Price Growth Stock Z	—	8.82	32.58	—	—
⊖ T. Rowe Price Value Z	—	8.53	41.11	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	5.65	46.76	—	—
⊖ T. Rowe Price Intl Bd (USD Hdgd) Z	—	4.77	51.53	—	—
⊖ T. Rowe Price Overseas Stock Z	—	4.42	55.95	—	—
⊖ T. Rowe Price International Value Eq Z	—	3.81	59.76	—	—
⊖ T. Rowe Price International Stock Z	—	3.67	63.42	—	—
⊕ T. Rowe Price US Trs Long-Term Idx Z	—	3.60	67.02	—	—

Total Holdings 31

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2025 I TRPHX

Morningstar Category
Target-Date 2025

Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

Portfolio Manager(s)

Wyatt Lee since 09-2015
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 8 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 8.01 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 0.38 is 36.67% lower than the Target-Date 2025 category average.

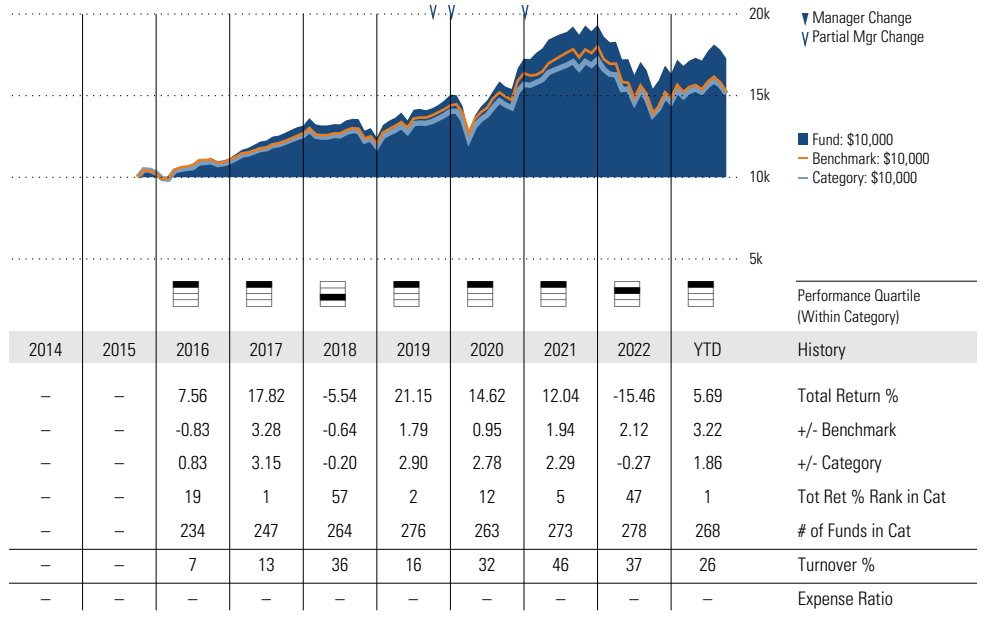
Morningstar Investment Management LLC Analysis

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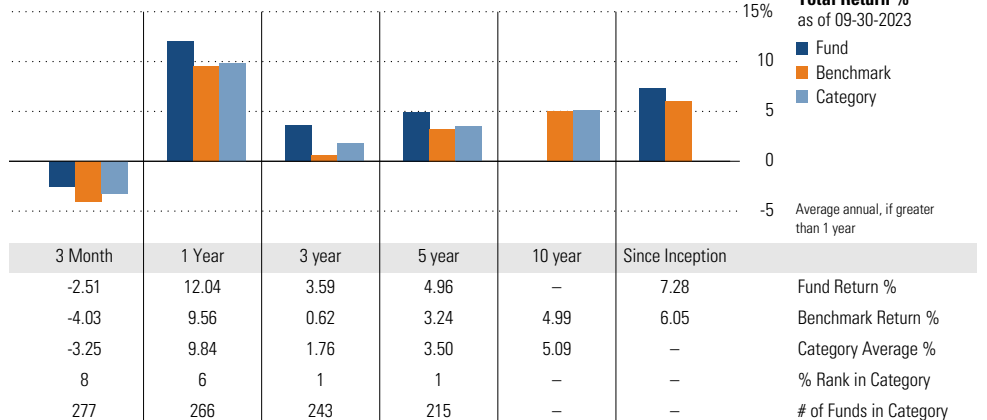
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
ESG Commitment	1-Low	02-15-2022
Carbon Risk Score	Low Risk	12-31-2021

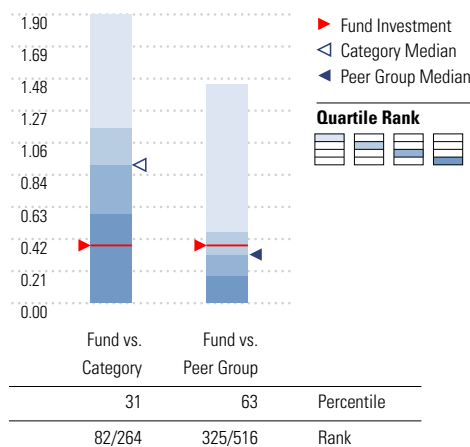
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	2.92	-	1.05
Beta	0.94	-	0.87
R-Squared	97.79	-	97.96
Standard Deviation	11.77	12.44	10.95
Sharpe Ratio	0.18	-0.05	0.01
Tracking Error	1.92	-	2.37
Information Ratio	1.54	-	0.56
Up Capture Ratio	104.59	-	91.09
Down Capture Ratio	87.59	-	84.91

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.49	17.42	18.55
Price/Book Ratio	2.65	2.40	2.67
Avg Eff Duration	6.57	-	5.81

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

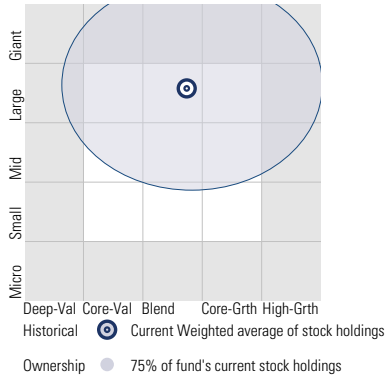
T. Rowe Price Retirement I 2025 I TRPHX

Morningstar Category
Target-Date 2025

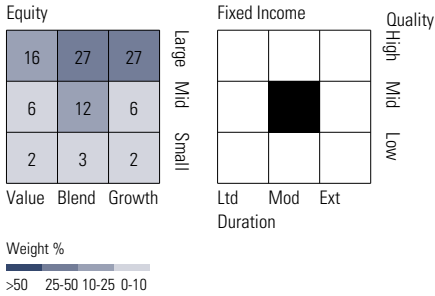
Morningstar Index
Morningstar Lifetime Mod 2025 TR USD

Style Analysis as of 09-30-2023

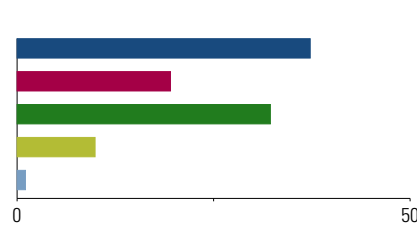
Morningstar Style Box™



Style Breakdown

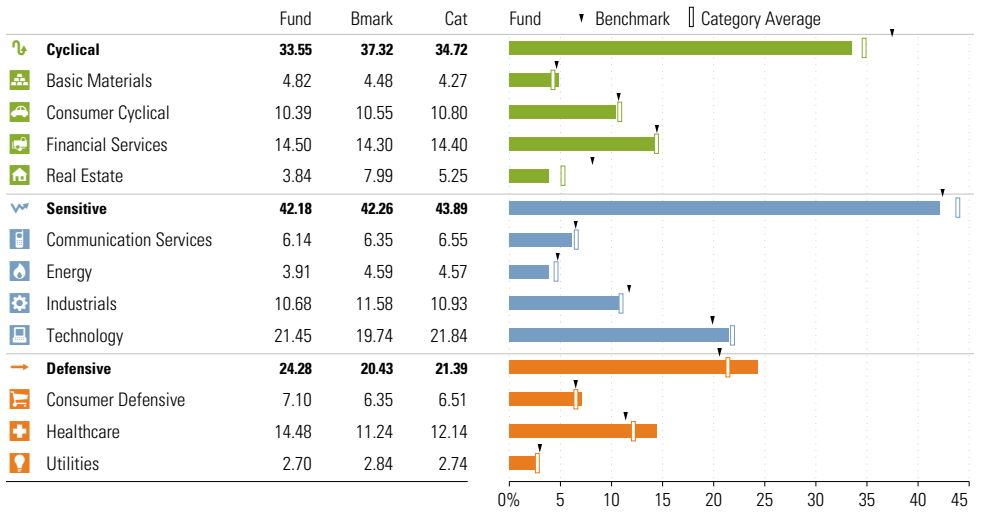


Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	37.29	29.48
Non-US Stocks	19.51	14.63
Bonds	32.22	42.50
Cash	9.92	2.65
Other	1.06	10.74
Total	100.00	100.00

Sector Weighting as of 09-30-2023



Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price New Income Z	—	12.12	12.12	—	—
⊖ T. Rowe Price Growth Stock Z	—	9.92	22.03	—	—
⊖ T. Rowe Price Value Z	—	9.66	31.69	—	—
⊕ T. Rowe Price Ltd Dur Infl Focus Bd Z	—	7.40	39.09	—	—
⊖ T. Rowe Price Equity Index 500 Z	—	6.13	45.22	—	—
⊖ T. Rowe Price Overseas Stock Z	—	4.97	50.20	—	—
⊖ T. Rowe Price International Value Eq Z	—	4.29	54.49	—	—
⊕ T. Rowe Price Intl Bd (USD Hdgd) Z	—	4.28	58.77	—	—
⊖ T. Rowe Price International Stock Z	—	4.26	63.03	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	3.86	66.88	—	—

Total Holdings 31

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2030 I TRPCX

Morningstar Category
Target-Date 2030

Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

Portfolio Manager(s)

Wyatt Lee since 09-2015
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 8 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 8.01 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.4 is 36.51% lower than the Target-Date 2030 category average.

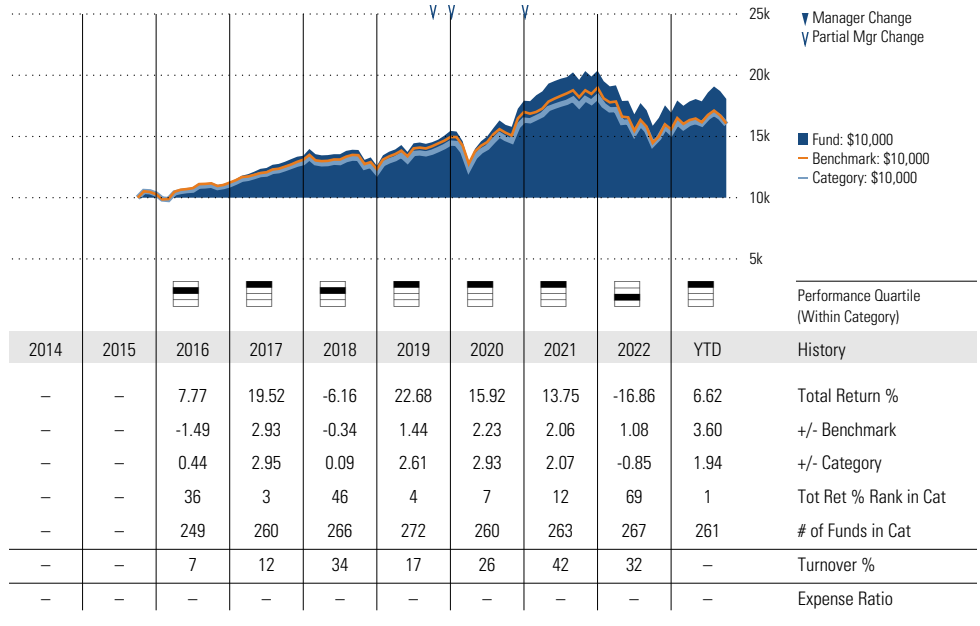
Morningstar Investment Management LLC Analysis

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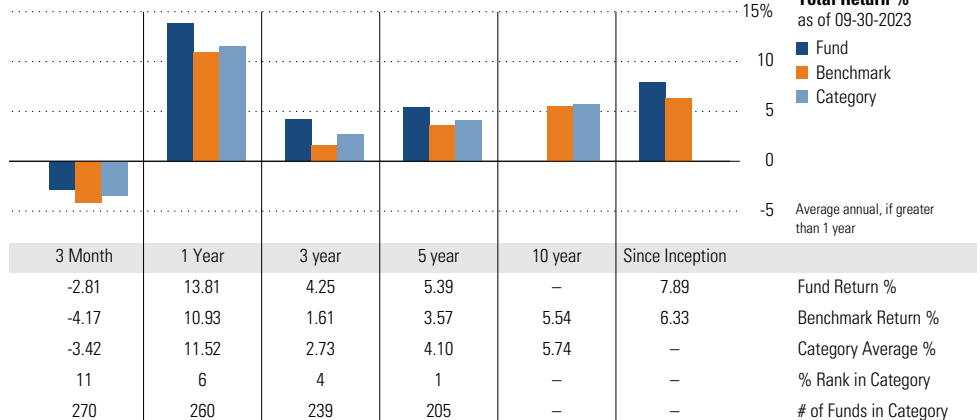
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

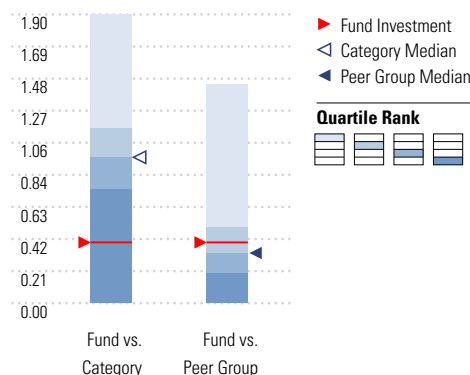
Growth of \$10,000



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	2.61	-	1.18
Beta	0.97	-	0.91
R-Squared	98.26	-	98.28
Standard Deviation	13.23	13.50	12.37
Sharpe Ratio	0.23	0.03	0.11
Tracking Error	1.79	-	2.14
Information Ratio	1.48	-	0.62
Up Capture Ratio	106.09	-	95.10
Down Capture Ratio	92.33	-	88.80

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.47	17.24	18.53
Price/Book Ratio	2.65	2.37	2.75
Avg Eff Duration	7.29	-	5.85

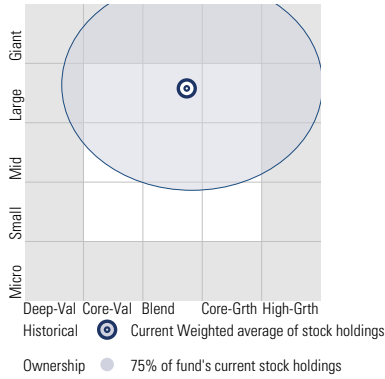
T. Rowe Price Retirement I 2030 I TRPCX

Morningstar Category
Target-Date 2030

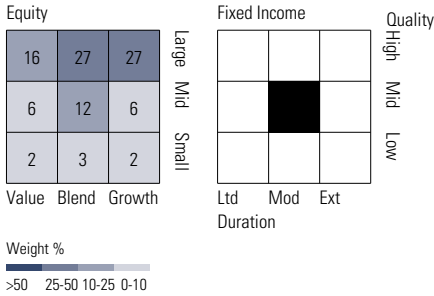
Morningstar Index
Morningstar Lifetime Mod 2030 TR USD

Style Analysis as of 09-30-2023

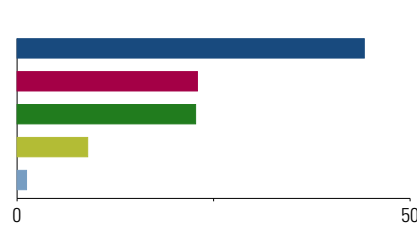
Morningstar Style Box™



Style Breakdown

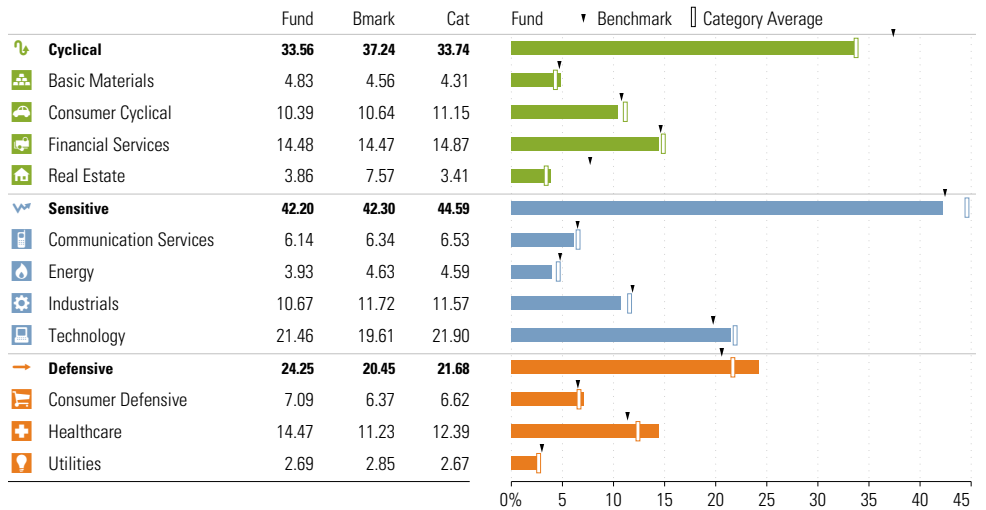


Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	44.17	35.41
Non-US Stocks	22.94	18.47
Bonds	22.71	33.26
Cash	8.98	1.01
Other	1.20	11.85
Total	100.00	100.00

Sector Weighting as of 09-30-2023



Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	–	11.66	11.66	–	–
⊖ T. Rowe Price Value Z	–	11.26	22.92	–	–
⊕ T. Rowe Price New Income Z	–	9.89	32.81	–	–
⊖ T. Rowe Price Equity Index 500 Z	–	7.17	39.98	–	–
⊖ T. Rowe Price Overseas Stock Z	–	5.87	45.85	–	–
⊖ T. Rowe Price International Value Eq Z	–	5.05	50.90	–	–
⊖ T. Rowe Price International Stock Z	–	4.99	55.89	–	–
⊕ T. Rowe Price US Large-Cap Core Z	–	4.56	60.45	–	–
⊕ T. Rowe Price US Trs Long-Term Idx Z	–	3.73	64.18	–	–
⊕ T. Rowe Price Intl Bd (USD Hdgd) Z	–	3.45	67.63	–	–

Total Holdings 31

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2035 I TRPJX

Morningstar Category
Target-Date 2035

Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

Portfolio Manager(s)

Wyatt Lee since 09-2015
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 8 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 8.01 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 0.42 is 32.26% lower than the Target-Date 2035 category average.

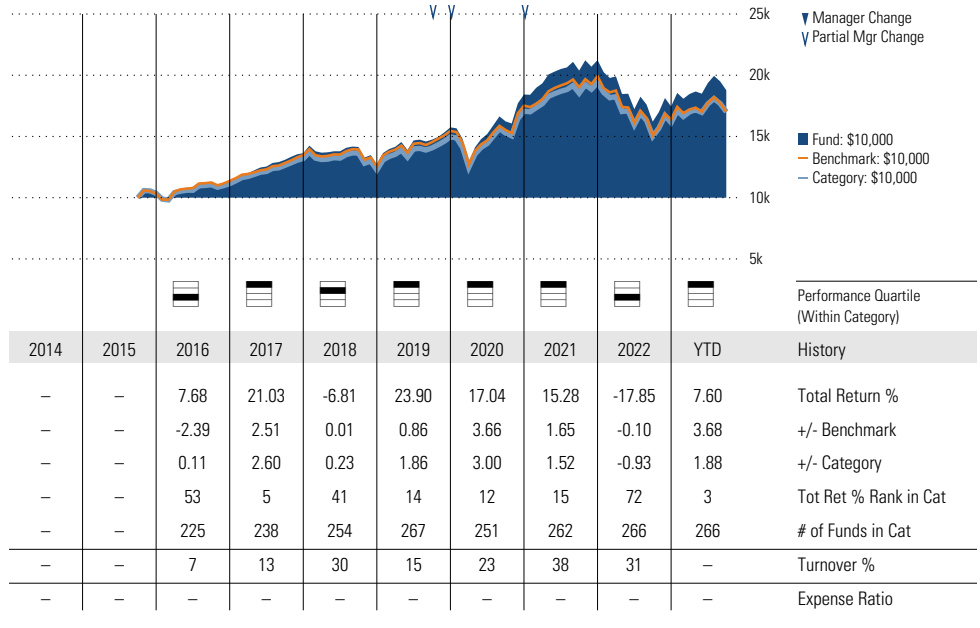
Morningstar Investment Management LLC Analysis

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.

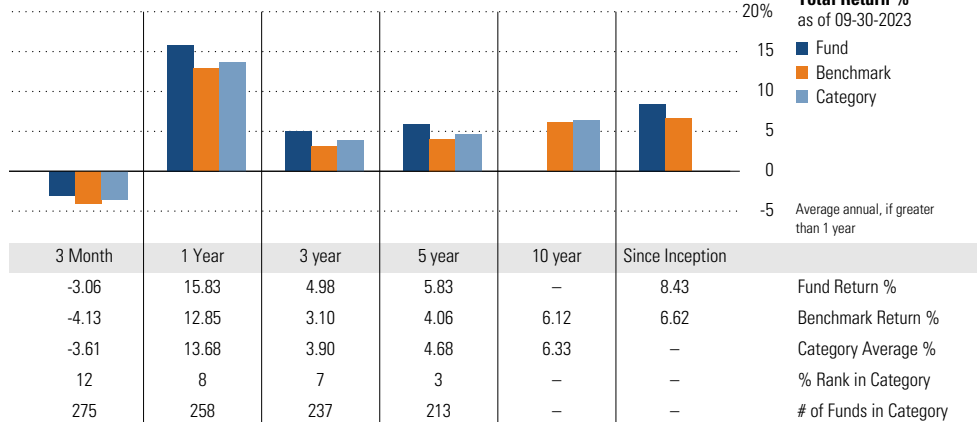
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

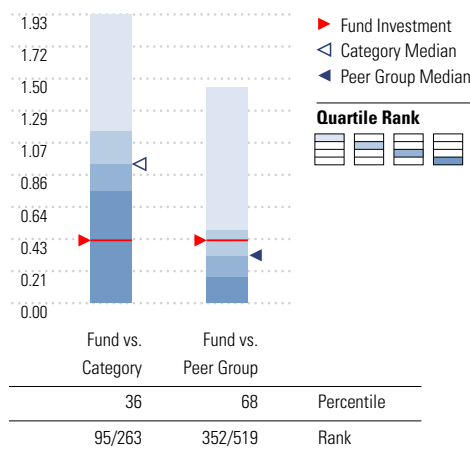
Growth of \$10,000



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	1.85	-	0.97
Beta	0.99	-	0.94
R-Squared	98.65	-	98.48
Standard Deviation	14.52	14.62	13.83
Sharpe Ratio	0.27	0.14	0.20
Tracking Error	1.70	-	2.06
Information Ratio	1.10	-	0.51
Up Capture Ratio	104.46	-	97.43
Down Capture Ratio	95.63	-	92.79

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.49	17.07	18.50
Price/Book Ratio	2.65	2.34	2.71
Avg Eff Duration	8.09	-	6.11

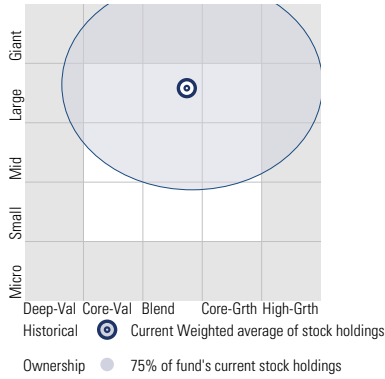
T. Rowe Price Retirement I 2035 | TRPJX

Morningstar Category
Target-Date 2035

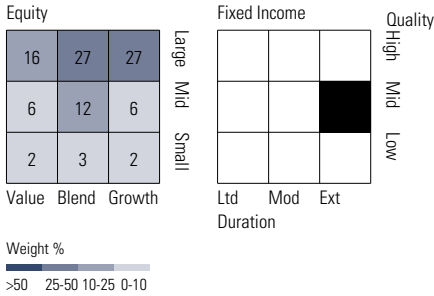
Morningstar Index
Morningstar Lifetime Mod 2035 TR USD

Style Analysis as of 09-30-2023

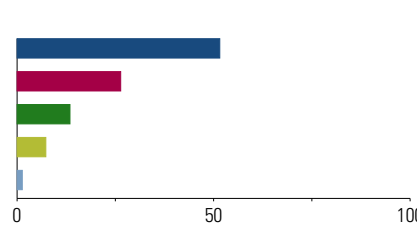
Morningstar Style Box™



Style Breakdown

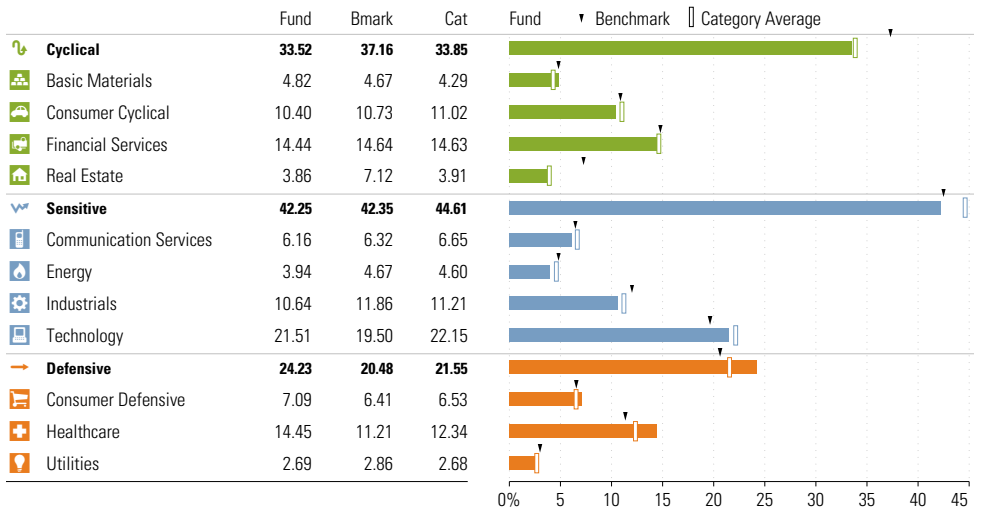


Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	51.57	42.75
Non-US Stocks	26.36	21.09
Bonds	13.45	22.52
Cash	7.31	1.63
Other	1.32	12.02
Total	100.00	100.00

Sector Weighting as of 09-30-2023



Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	—	13.45	13.45	—	—
⊕ T. Rowe Price Value Z	—	12.84	26.29	—	—
⊕ T. Rowe Price Equity Index 500 Z	—	8.62	34.91	—	—
⊖ T. Rowe Price Overseas Stock Z	—	6.74	41.65	—	—
⊕ T. Rowe Price New Income Z	—	6.72	48.37	—	—
⊕ T. Rowe Price International Value Eq Z	—	5.83	54.20	—	—
⊕ T. Rowe Price International Stock Z	—	5.72	59.92	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	5.31	65.24	—	—
⊕ T. Rowe Price Real Assets Z	—	3.96	69.20	—	—
⊕ T. Rowe Price Mid-Cap Growth Z	—	3.24	72.44	—	—

Total Holdings 31

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2040 I TRPDX

Morningstar Category
Target-Date 2040

Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

Portfolio Manager(s)

Wyatt Lee since 09-2015
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 7 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 8.01 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.43 is 34.85% lower than the Target-Date 2040 category average.

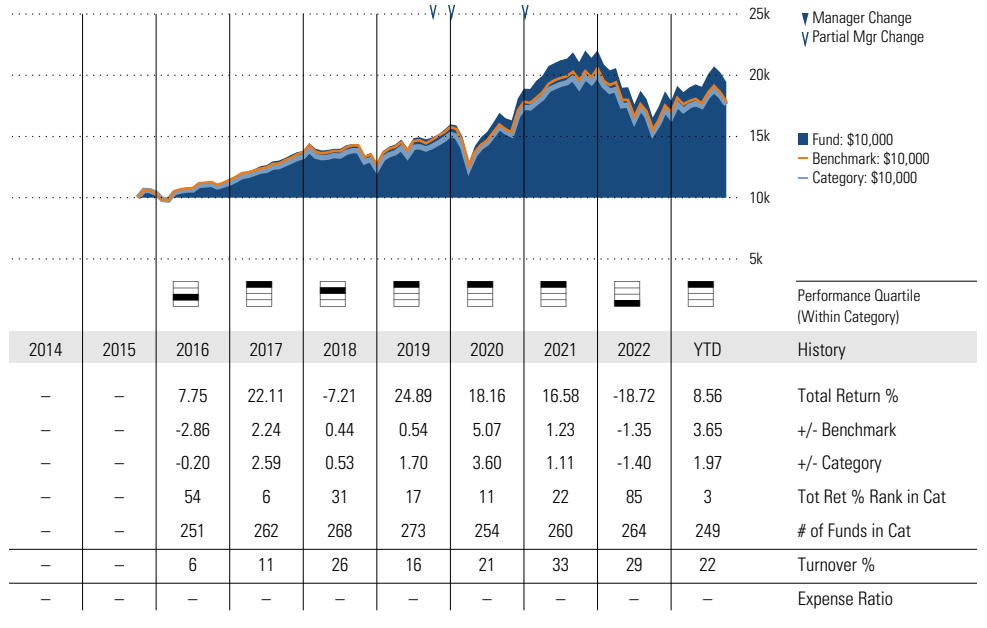
Morningstar Investment Management LLC Analysis

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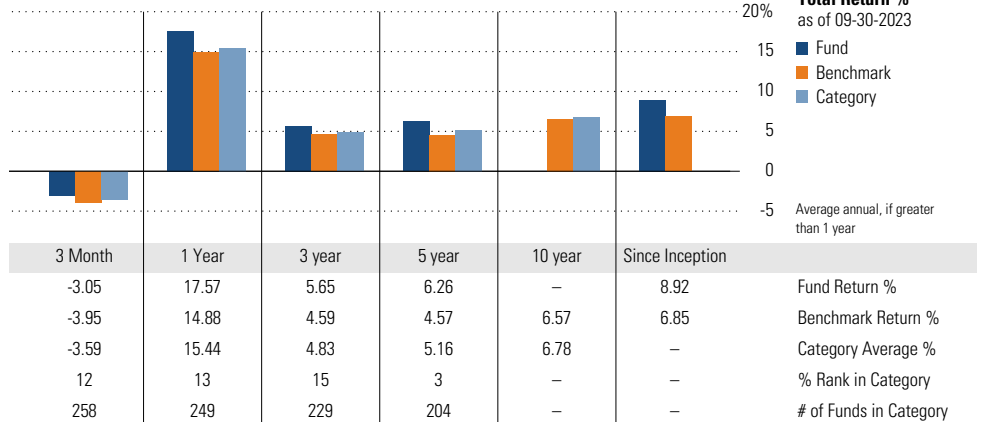
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

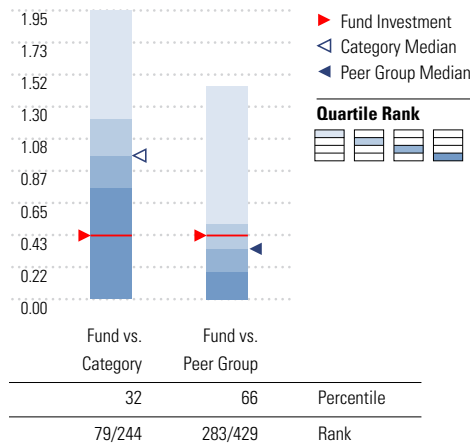
Growth of \$10,000



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	1.06	-	0.45
Beta	0.99	-	0.95
R-Squared	98.69	-	98.40
Standard Deviation	15.60	15.62	14.97
Sharpe Ratio	0.30	0.23	0.25
Tracking Error	1.79	-	2.19
Information Ratio	0.60	-	0.20
Up Capture Ratio	102.90	-	97.38
Down Capture Ratio	98.35	-	95.57

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.49	16.90	18.51
Price/Book Ratio	2.66	2.31	2.74
Avg Eff Duration	8.33	-	6.11

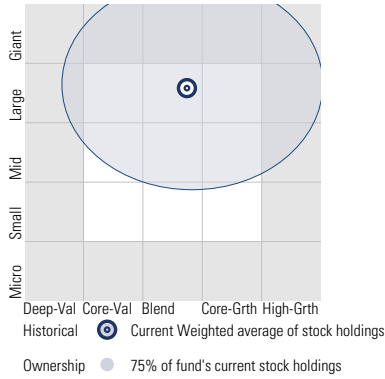
T. Rowe Price Retirement I 2040 I TRPDX

Morningstar Category
Target-Date 2040

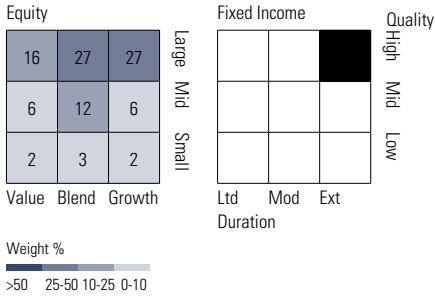
Morningstar Index
Morningstar Lifetime Mod 2040 TR USD

Style Analysis as of 09-30-2023

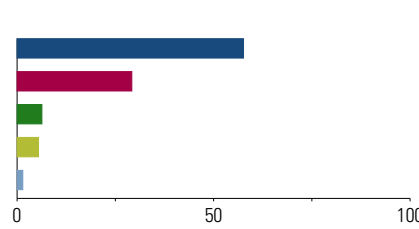
Morningstar Style Box™



Style Breakdown

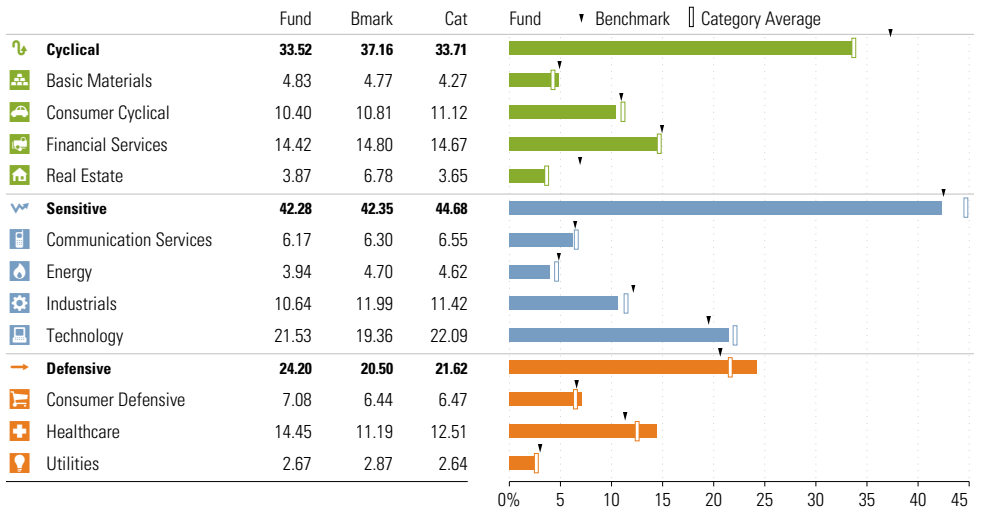


Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	57.61	49.37
Non-US Stocks	29.19	24.30
Bonds	6.31	12.60
Cash	5.45	1.13
Other	1.45	12.62
Total	100.00	100.00

Sector Weighting as of 09-30-2023



Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	-	14.94	14.94	-	-
⊖ T. Rowe Price Value Z	-	14.12	29.07	-	-
⊕ T. Rowe Price Equity Index 500 Z	-	9.52	38.59	-	-
⊖ T. Rowe Price Overseas Stock Z	-	7.47	46.06	-	-
⊖ T. Rowe Price International Value Eq Z	-	6.47	52.53	-	-
⊕ T. Rowe Price International Stock Z	-	6.34	58.87	-	-
⊕ T. Rowe Price US Large-Cap Core Z	-	5.92	64.78	-	-
⊕ T. Rowe Price Real Assets Z	-	4.41	69.20	-	-
⊕ T. Rowe Price Mid-Cap Growth Z	-	3.61	72.81	-	-
⊕ T. Rowe Price Mid-Cap Value Z	-	3.21	76.02	-	-

Total Holdings 31

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2045 I TRPKX

Morningstar Category
Target-Date 2045

Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

Portfolio Manager(s)

Wyatt Lee since 09-2015
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 7 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 8.01 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 0.44 is 31.25% lower than the Target-Date 2045 category average.

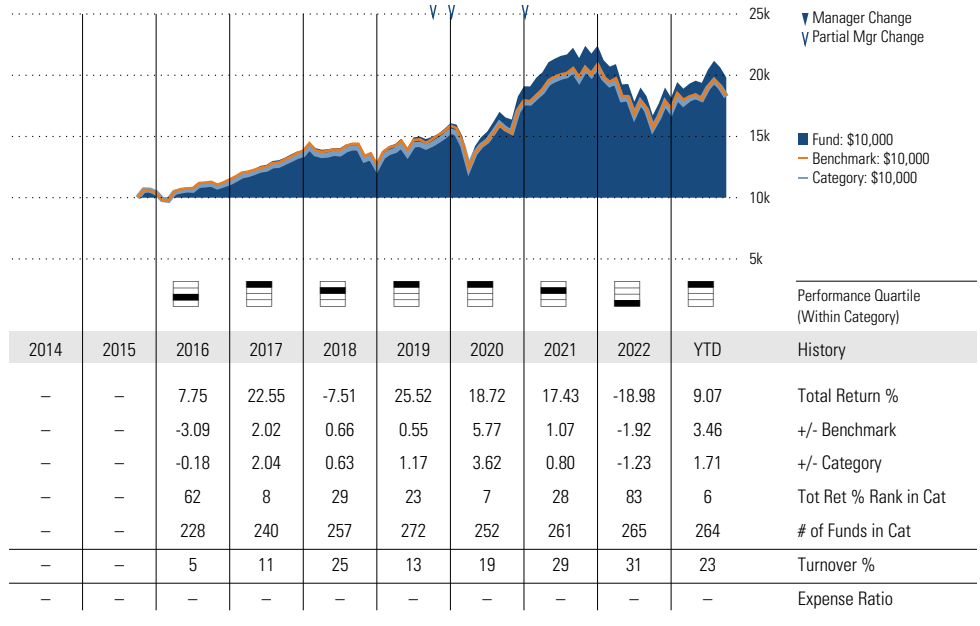
Morningstar Investment Management LLC Analysis

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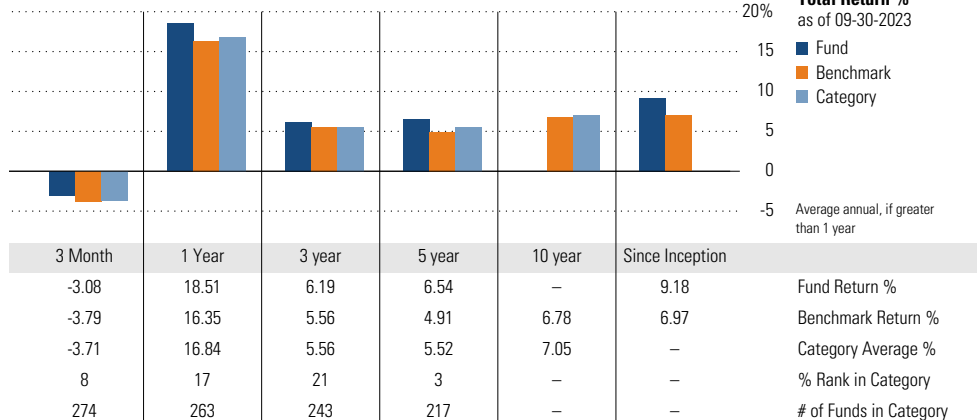
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

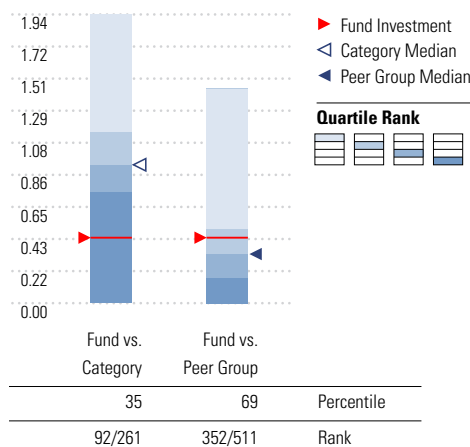
Growth of \$10,000



Trailing Performance



Net Expense



3-Year Risk Metrics

Metric	Fund	Bmark	Cat
Alpha	0.69	-	0.10
Beta	0.98	-	0.96
R-Squared	98.65	-	98.38
Standard Deviation	16.14	16.29	15.81
Sharpe Ratio	0.32	0.29	0.28
Tracking Error	1.89	-	2.19
Information Ratio	0.33	-	0.01
Up Capture Ratio	101.17	-	98.04
Down Capture Ratio	98.51	-	97.98

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	18.49	16.76	18.33
Price/Book Ratio	2.66	2.28	2.67
Avg Eff Duration	9.33	-	6.74

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

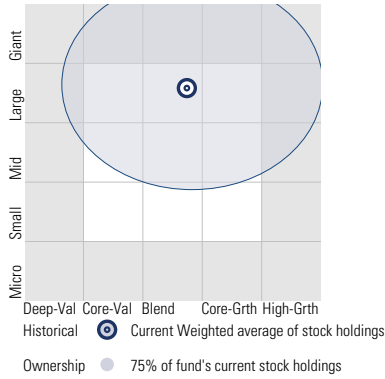
T. Rowe Price Retirement I 2045 | TRPKX

Morningstar Category
Target-Date 2045

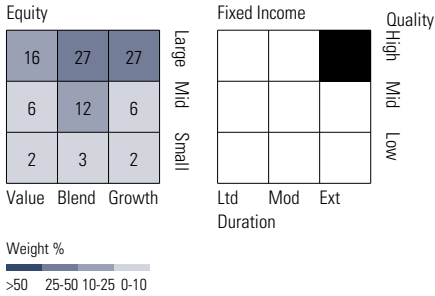
Morningstar Index
Morningstar Lifetime Mod 2045 TR USD

Style Analysis as of 09-30-2023

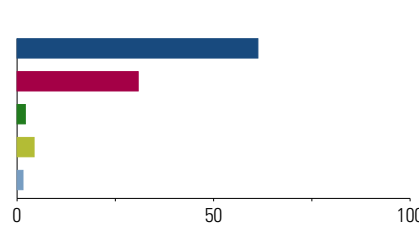
Morningstar Style Box™



Style Breakdown

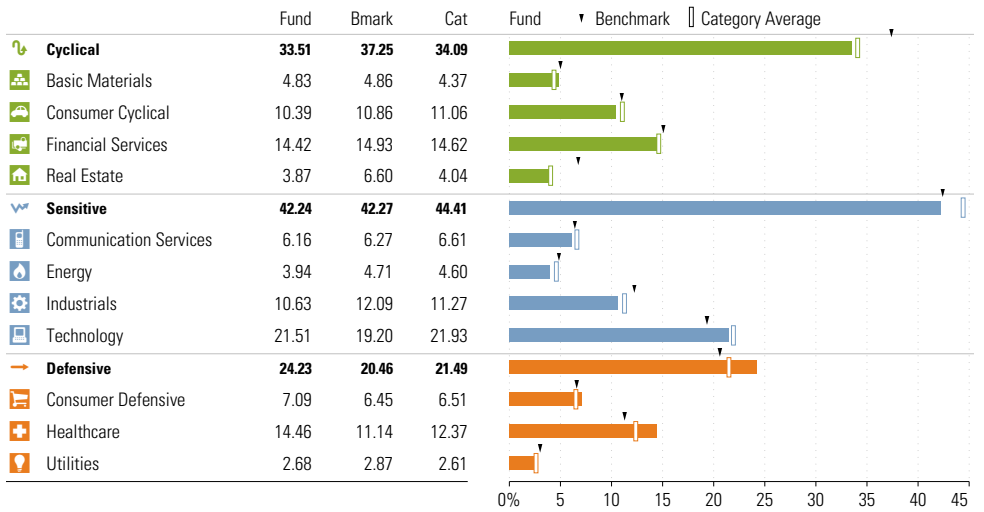


Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	61.27	52.76
Non-US Stocks	30.81	27.21
Bonds	2.09	7.95
Cash	4.32	1.22
Other	1.50	10.87
Total	100.00	100.00

Sector Weighting as of 09-30-2023



Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ T. Rowe Price Growth Stock Z	—	15.86	15.86	—	—
⊕ T. Rowe Price Value Z	—	15.13	30.99	—	—
⊕ T. Rowe Price Equity Index 500 Z	—	9.80	40.78	—	—
⊕ T. Rowe Price Overseas Stock Z	—	7.92	48.70	—	—
⊕ T. Rowe Price International Value Eq Z	—	6.84	55.55	—	—
⊕ T. Rowe Price International Stock Z	—	6.66	62.21	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	6.29	68.50	—	—
⊕ T. Rowe Price Real Assets Z	—	4.69	73.19	—	—
⊕ T. Rowe Price Mid-Cap Growth Z	—	3.79	76.97	—	—
⊕ T. Rowe Price Mid-Cap Value Z	—	3.40	80.37	—	—

Total Holdings 24

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2050 I TRPMX

Morningstar Category
Target-Date 2050

Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

Portfolio Manager(s)

Wyatt Lee since 09-2015
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 7 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 8.01 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 0.45 is 31.82% lower than the Target-Date 2050 category average.

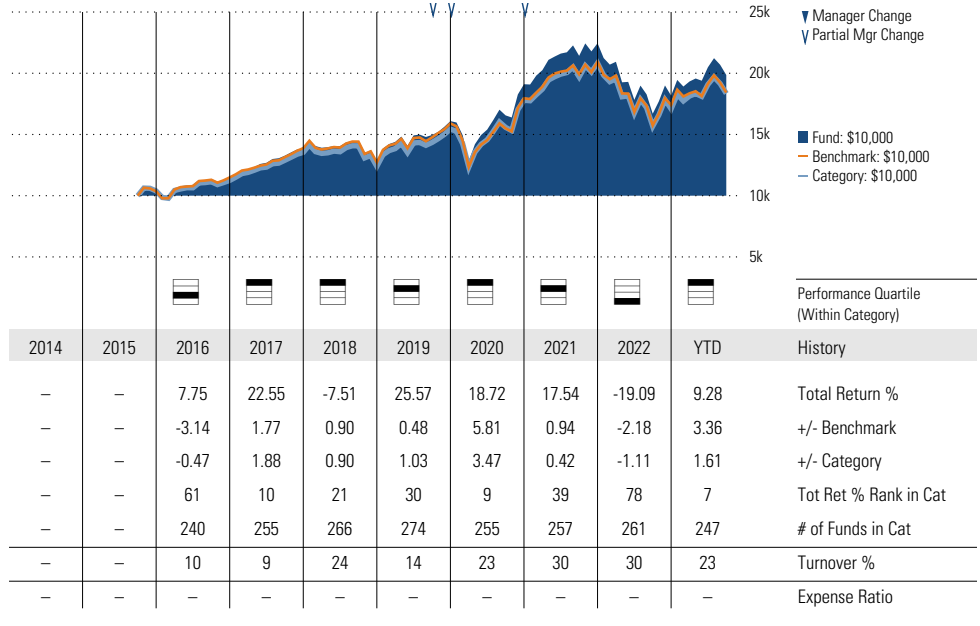
Morningstar Investment Management LLC Analysis

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

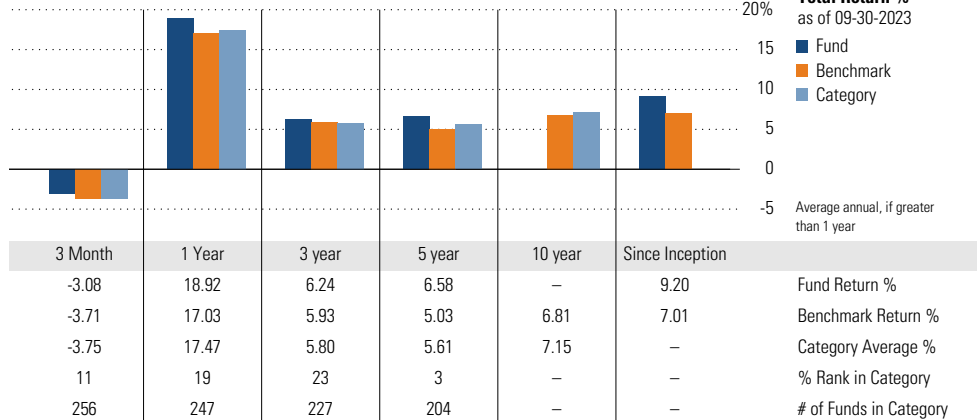
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

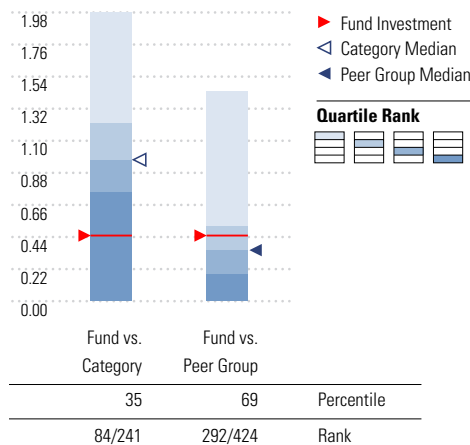
Growth of \$10,000



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	0.42	-	-0.06
Beta	0.98	-	0.97
R-Squared	98.55	-	98.24
Standard Deviation	16.31	16.58	16.20
Sharpe Ratio	0.33	0.31	0.29
Tracking Error	2.00	-	2.24
Information Ratio	0.15	-	-0.09
Up Capture Ratio	100.24	-	98.54
Down Capture Ratio	98.89	-	99.27

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.49	16.63	18.33
Price/Book Ratio	2.66	2.25	2.67
Avg Eff Duration	8.76	-	6.59

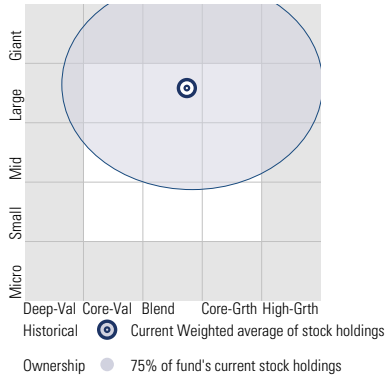
T. Rowe Price Retirement I 2050 | TRPMX

Morningstar Category
Target-Date 2050

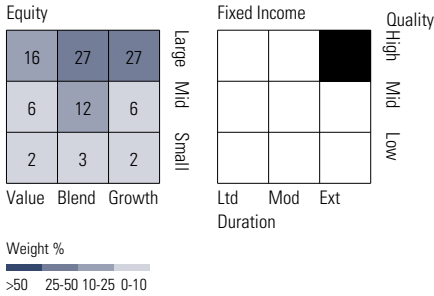
Morningstar Index
Morningstar Lifetime Mod 2050 TR USD

Style Analysis as of 09-30-2023

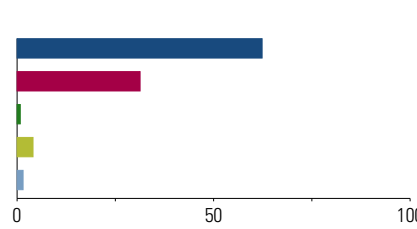
Morningstar Style Box™



Style Breakdown

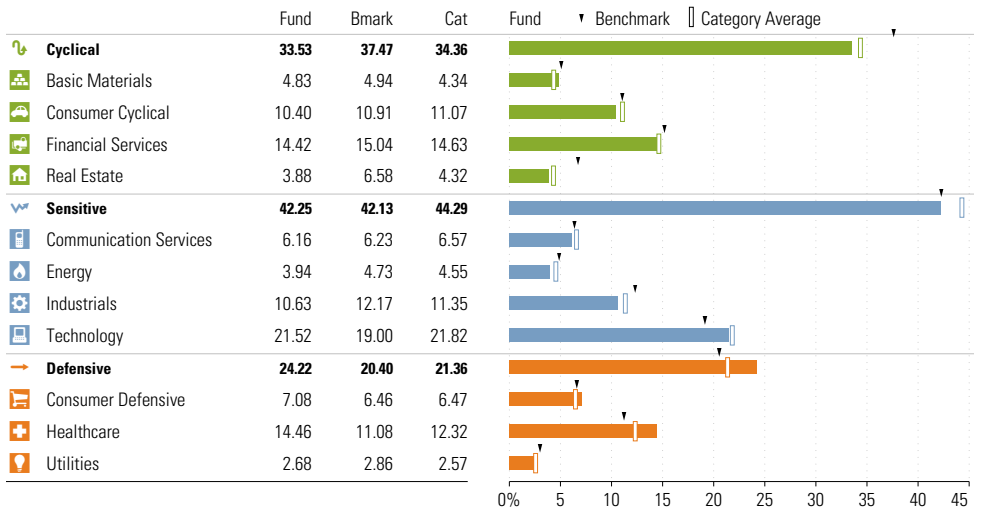


Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	62.34	55.24
Non-US Stocks	31.29	28.24
Bonds	0.80	5.60
Cash	4.05	1.16
Other	1.52	9.76
Total	100.00	100.00

Sector Weighting as of 09-30-2023



Top 10 Holdings as of 09-30-2023

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	—	15.36	31.48	—	—
⊕ T. Rowe Price Equity Index 500 Z	—	10.05	41.53	—	—
⊕ T. Rowe Price Overseas Stock Z	—	8.05	49.58	—	—
⊕ T. Rowe Price International Value Eq Z	—	6.95	56.53	—	—
⊕ T. Rowe Price International Stock Z	—	6.75	63.28	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	6.39	69.66	—	—
⊕ T. Rowe Price Real Assets Z	—	4.78	74.44	—	—
⊕ T. Rowe Price Mid-Cap Growth Z	—	3.84	78.29	—	—
⊕ T. Rowe Price Mid-Cap Value Z	—	3.44	81.73	—	—

Total Holdings 24

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2055 I TRPNX

Morningstar Category
Target-Date 2055

Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

Portfolio Manager(s)

Wyatt Lee since 09-2015
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 7 of the 8 years it's been in existence.

✔ **Management:** The fund's management has been in place for 8.01 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.46 is 28.13% lower than the Target-Date 2055 category average.

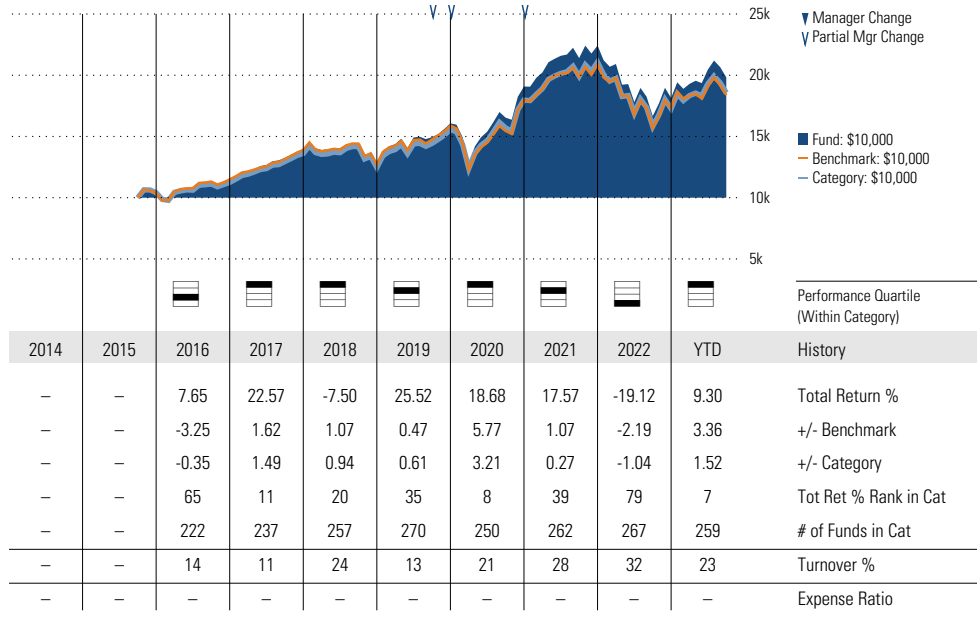
Morningstar Investment Management LLC Analysis

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.

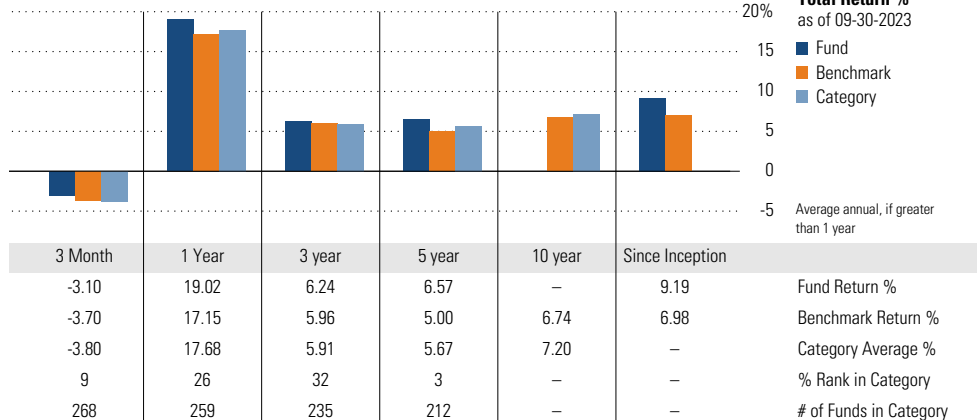
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

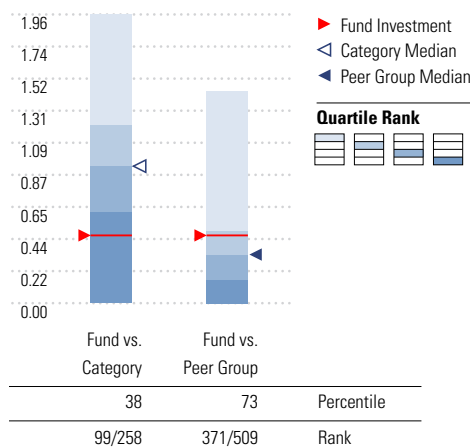
Growth of \$10,000



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	0.41	-	0.03
Beta	0.97	-	0.97
R-Squared	98.48	-	98.19
Standard Deviation	16.33	16.66	16.37
Sharpe Ratio	0.33	0.31	0.30
Tracking Error	2.06	-	2.24
Information Ratio	0.14	-	-0.04
Up Capture Ratio	99.82	-	99.47
Down Capture Ratio	98.50	-	99.88

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.49	16.51	18.11
Price/Book Ratio	2.66	2.22	2.65
Avg Eff Duration	8.62	-	7.49

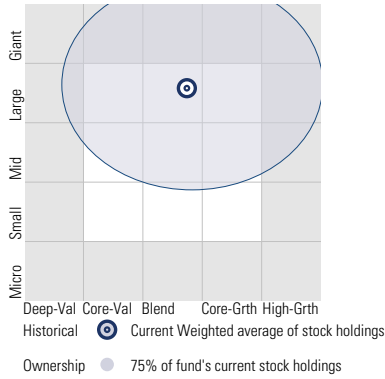
T. Rowe Price Retirement I 2055 | TRPNX

Morningstar Category
Target-Date 2055

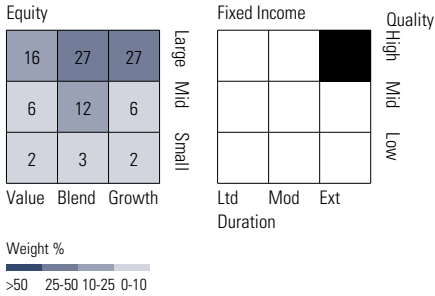
Morningstar Index
Morningstar Lifetime Mod 2055 TR USD

Style Analysis as of 09-30-2023

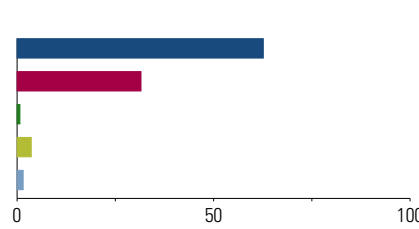
Morningstar Style Box™



Style Breakdown

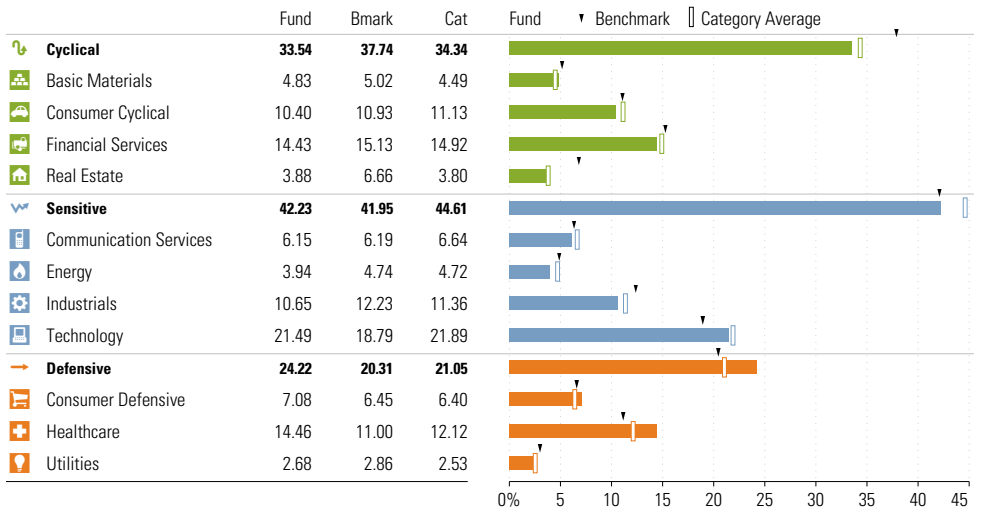


Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	62.64	54.00
Non-US Stocks	31.52	28.85
Bonds	0.71	5.90
Cash	3.59	1.06
Other	1.54	10.20
Total	100.00	100.00

Sector Weighting as of 09-30-2023



Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock Z	—	16.22	16.22	—	—
⊕ T. Rowe Price Value Z	—	15.46	31.68	—	—
⊕ T. Rowe Price Equity Index 500 Z	—	9.94	41.62	—	—
⊕ T. Rowe Price Overseas Stock Z	—	8.10	49.72	—	—
⊕ T. Rowe Price International Value Eq Z	—	6.98	56.70	—	—
⊕ T. Rowe Price International Stock Z	—	6.83	63.53	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	6.43	69.96	—	—
⊕ T. Rowe Price Real Assets Z	—	4.80	74.77	—	—
⊕ T. Rowe Price Mid-Cap Growth Z	—	3.87	78.64	—	—
⊕ T. Rowe Price Mid-Cap Value Z	—	3.51	82.15	—	—

Total Holdings 24

⊕ Increase ⊖ Decrease ✨ New to Portfolio

T. Rowe Price Retirement I 2060 I TRPLX

Morningstar Category
Target-Date 2060

Morningstar Index
Morningstar Mod Tgt Risk TR USD

Portfolio Manager(s)

Wyatt Lee since 09-2015
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 8.01 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.46 is 31.34% lower than the Target-Date 2060 category average.

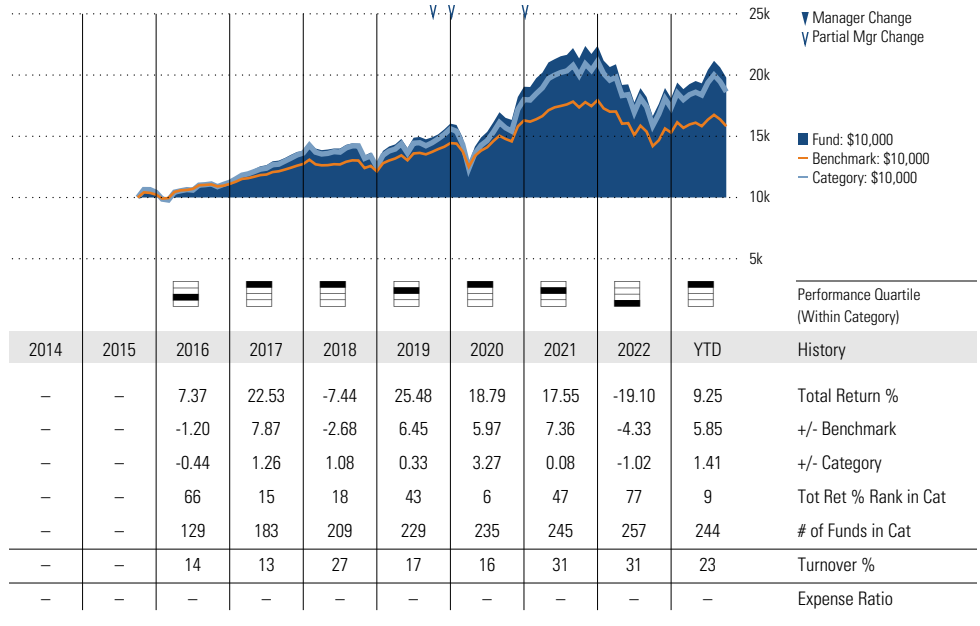
Morningstar Investment Management LLC Analysis

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.

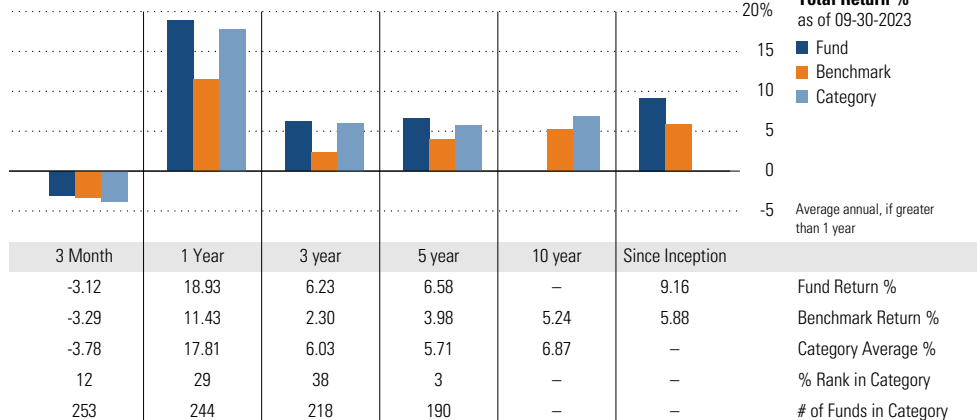
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

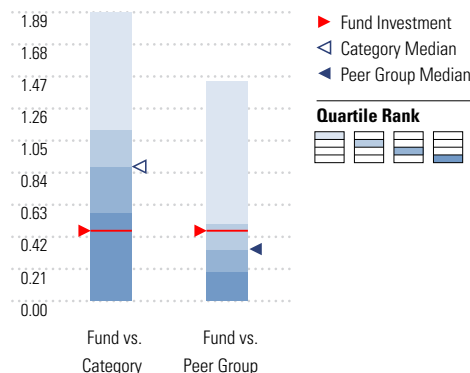
Growth of \$10,000



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	3.42	-	3.10
Beta	1.31	-	1.32
R-Squared	96.93	-	97.20
Standard Deviation	16.33	12.30	16.42
Sharpe Ratio	0.33	0.08	0.30
Tracking Error	4.74	-	4.78
Information Ratio	0.83	-	0.75
Up Capture Ratio	144.63	-	144.61
Down Capture Ratio	125.81	-	127.71

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	18.48	16.40	18.07
Price/Book Ratio	2.66	2.18	2.61
Avg Eff Duration	8.60	-	6.43

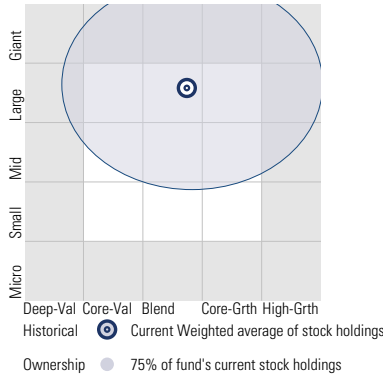
T. Rowe Price Retirement I 2060 I TRPLX

Morningstar Category
Target-Date 2060

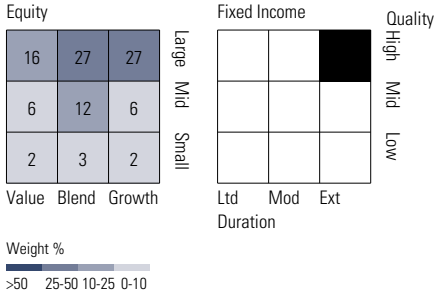
Morningstar Index
Morningstar Mod Tgt Risk TR USD

Style Analysis as of 09-30-2023

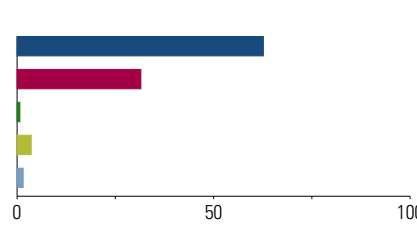
Morningstar Style Box™



Style Breakdown

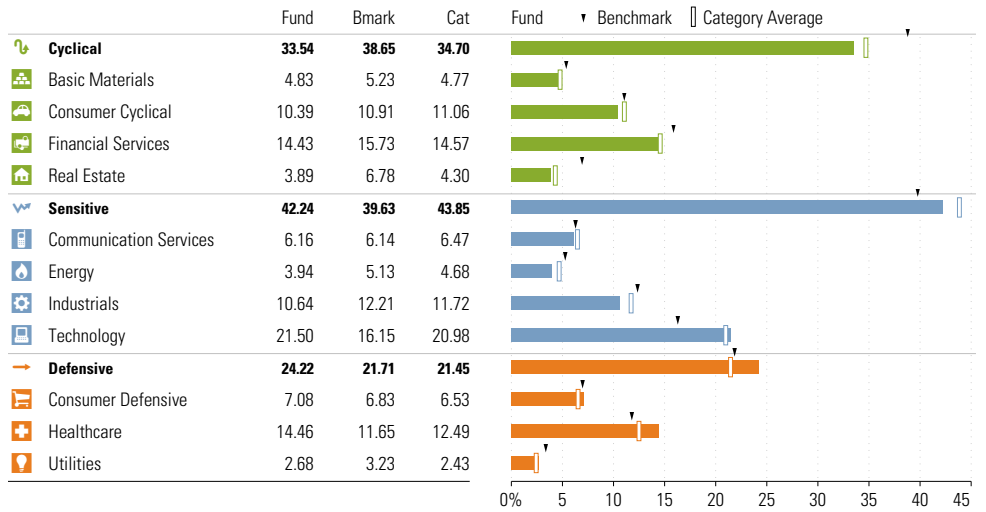


Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	62.66	47.90
Non-US Stocks	31.49	30.80
Bonds	0.71	5.12
Cash	3.59	1.28
Other	1.54	14.90
Total	100.00	100.00

Sector Weighting as of 09-30-2023



Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ T. Rowe Price Growth Stock Z	—	16.22	16.22	—	—
⊕ T. Rowe Price Value Z	—	15.46	31.68	—	—
⊕ T. Rowe Price Equity Index 500 Z	—	9.97	41.65	—	—
⊕ T. Rowe Price Overseas Stock Z	—	8.10	49.75	—	—
⊕ T. Rowe Price International Value Eq Z	—	6.98	56.74	—	—
⊕ T. Rowe Price International Stock Z	—	6.79	63.53	—	—
⊕ T. Rowe Price US Large-Cap Core Z	—	6.42	69.94	—	—
⊕ T. Rowe Price Real Assets Z	—	4.82	74.76	—	—
⊕ T. Rowe Price Mid-Cap Growth Z	—	3.86	78.62	—	—
⊕ T. Rowe Price Mid-Cap Value Z	—	3.51	82.13	—	—

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
Nick Birkett since 08-2023
Aaron Choi since 08-2023

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 7.43 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 94.67% 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	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

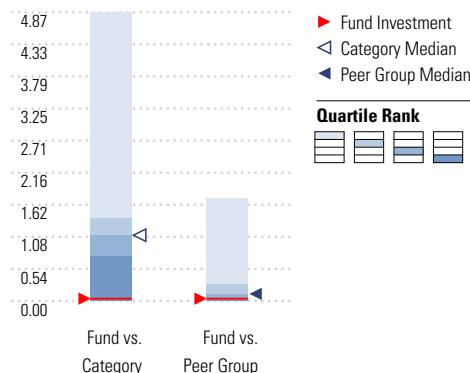
Growth of \$10,000



Trailing Performance



Net Expense



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

3-Year Risk Metrics

	Fund	Bmark	Cat
Alpha	-0.04	-	-0.66
Beta	1.00	-	0.95
R-Squared	100.00	-	94.61
Standard Deviation	17.85	17.85	17.40
Sharpe Ratio	0.51	0.52	0.45
Tracking Error	0.01	-	3.74
Information Ratio	-4.76	-	-1.15
Up Capture Ratio	99.93	-	93.16
Down Capture Ratio	100.07	-	95.77

Portfolio Metrics

	Fund	Bmark	Cat
Price/Earnings Ratio	22.41	22.40	22.25
Price/Book Ratio	3.99	3.98	4.46
Geom Avg Mkt Cap \$B	228.88	228.69	275.77
ROE	30.78	30.76	29.52

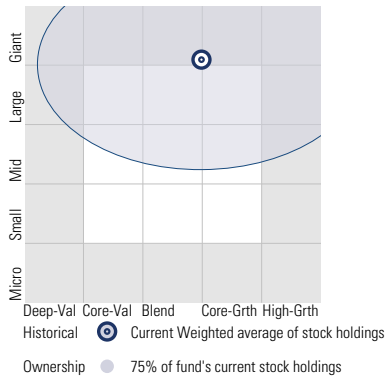
Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Style Analysis as of 09-30-2023

Morningstar Style Box™



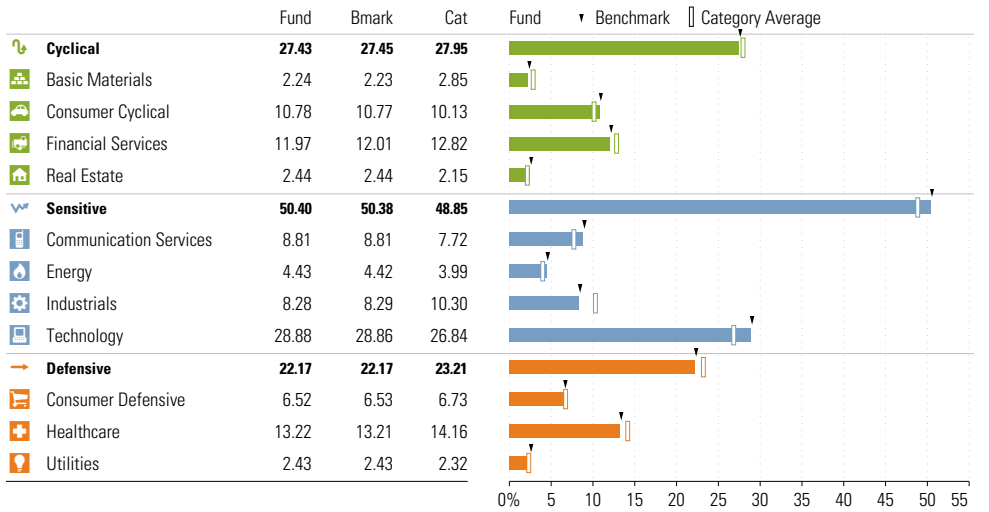
Style Breakdown



Asset Allocation as of 09-30-2023



Sector Weighting as of 09-30-2023



Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Apple Inc	7.35	7.35	32.32	Technology
⊕ Microsoft Corp	6.45	13.81	32.51	Technology
⊕ Amazon.com Inc	3.26	17.07	51.33	Consumer Cyclical
⊕ NVIDIA Corp	3.23	20.30	197.74	Technology
⊕ Alphabet Inc Class A	2.14	22.44	48.32	Communication Svc
⊕ Alphabet Inc Class C	1.86	24.30	48.60	Communication Svc
⊕ Tesla Inc	1.84	26.14	103.13	Consumer Cyclical
⊕ Meta Platforms Inc Class A	1.73	27.87	149.47	Communication Svc
⊕ Berkshire Hathaway Inc Class B	1.70	29.57	13.40	Financial Services
⊕ Exxon Mobil Corp	1.19	30.76	9.08	Energy
⊕ UnitedHealth Group Inc	1.17	31.94	-3.88	Healthcare
⊕ Eli Lilly and Co	1.16	33.10	47.75	Healthcare
⊕ JPMorgan Chase & Co	1.13	34.23	10.38	Financial Services
⊕ Visa Inc Class A	1.05	35.27	11.36	Financial Services
⊖ Johnson & Johnson	1.03	36.30	-9.84	Healthcare

Total Holdings 510

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Dividend Growth Inv VDIGX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Portfolio Manager(s)

Donald Kilbride since 02-2006
Peter Fisher since 07-2022

Quantitative Screens

✔ **Performance:** The fund has finished in the Large Blend 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 17.67 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.3 is 60% lower than the Large Blend category average.

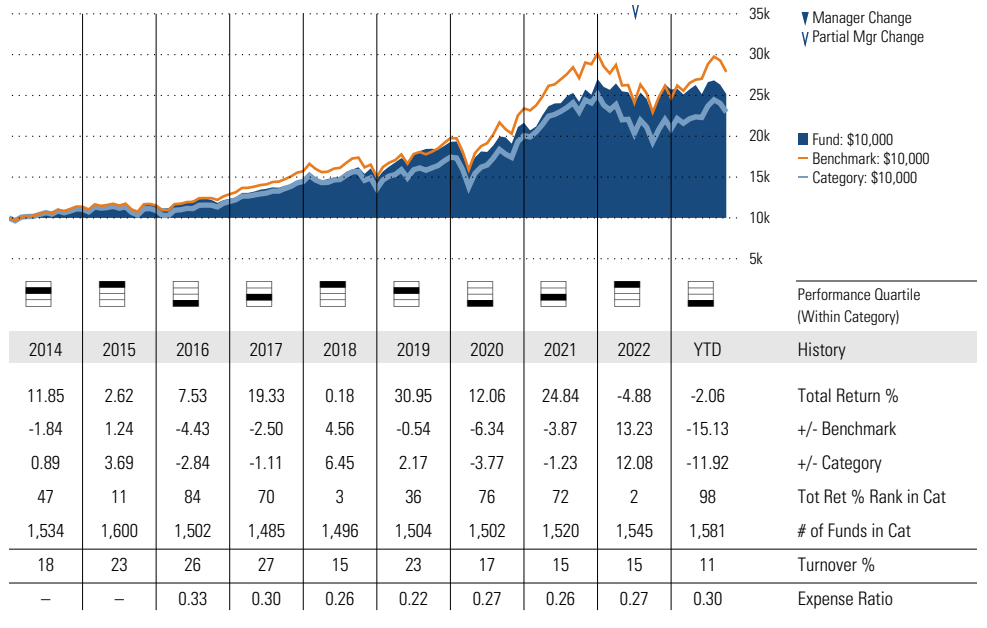
Morningstar Investment Management LLC Analysis

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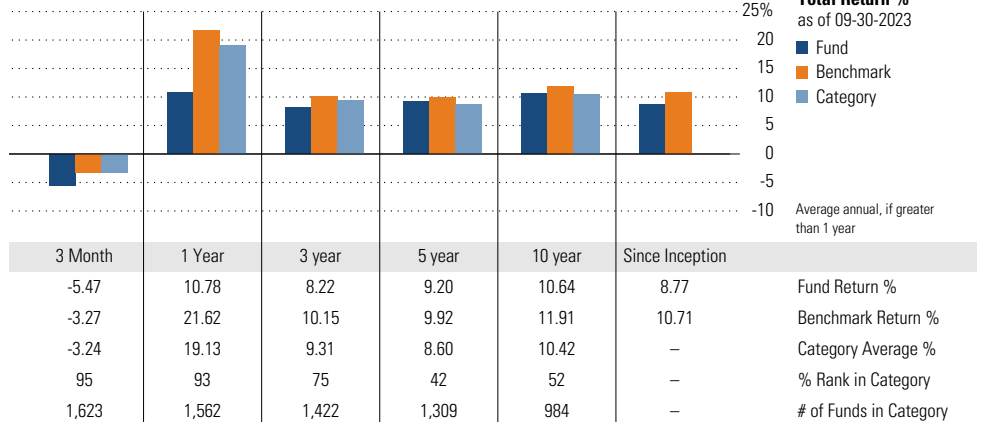
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

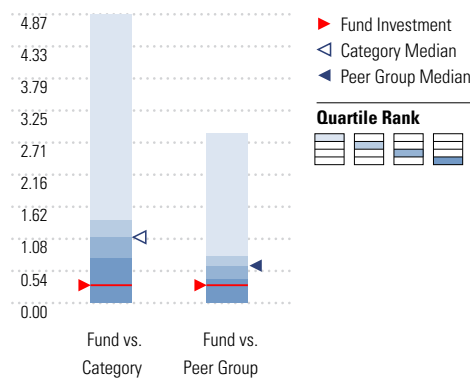
Growth of \$10,000



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	0.12	-	-0.66
Beta	0.80	-	0.95
R-Squared	81.06	-	94.61
Standard Deviation	15.88	17.85	17.40
Sharpe Ratio	0.44	0.52	0.45
Tracking Error	7.77	-	3.74
Information Ratio	-0.25	-	-1.15
Up Capture Ratio	81.42	-	93.16
Down Capture Ratio	82.09	-	95.77

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	24.83	22.40	22.25
Price/Book Ratio	5.78	3.98	4.46
Geom Avg Mkt Cap \$B	171.94	228.69	275.77
ROE	34.89	30.76	29.52

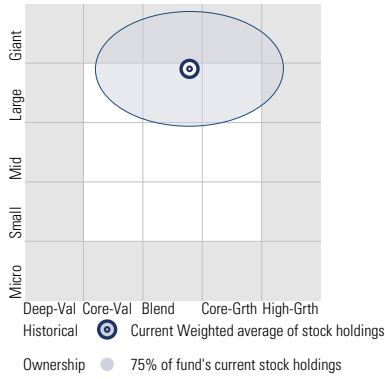
Vanguard Dividend Growth Inv VDIGX

Morningstar Category
Large Blend

Morningstar Index
S&P 500 TR USD

Style Analysis as of 09-30-2023

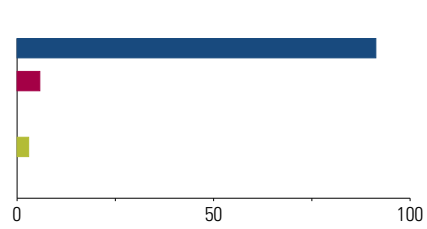
Morningstar Style Box™



Style Breakdown

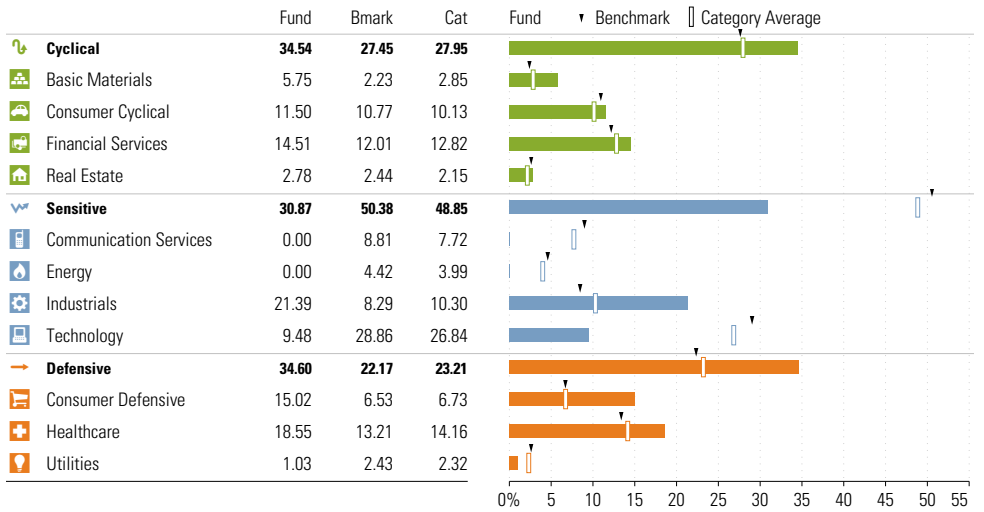


Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	91.28	95.33
Non-US Stocks	5.78	2.48
Bonds	0.00	0.15
Cash	2.94	0.71
Other	0.00	1.34
Total	100.00	100.00

Sector Weighting as of 09-30-2023



Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	3.98	3.98	32.51	Technology
Stryker Corp	3.63	7.61	12.69	Healthcare
TJX Companies Inc	3.49	11.10	12.86	Consumer Cyclical
UnitedHealth Group Inc	3.43	14.53	-3.88	Healthcare
Honeywell International Inc	3.24	17.77	-12.35	Industrials
McDonald's Corp	3.01	20.78	1.70	Consumer Cyclical
Marsh & McLennan Companies Inc	2.97	23.75	16.14	Financial Services
Colgate-Palmolive Co	2.94	26.69	-7.93	Consumer Defensive
Linde PLC	2.94	29.63	15.33	Basic Materials
Visa Inc Class A	2.93	32.56	11.36	Financial Services
Nike Inc Class B	2.91	35.47	-17.41	Consumer Cyclical
PepsiCo Inc	2.84	38.30	-4.17	Consumer Defensive
Northrop Grumman Corp	2.81	41.11	-18.32	Industrials
Accenture PLC Class A	2.76	43.87	16.35	Technology
Procter & Gamble Co	2.76	46.63	-1.92	Consumer Defensive

Total Holdings 51

⊕ Increase ⊖ Decrease ✨ New to Portfolio

Vanguard Inflation-Protected Secs Adm VAIPX

Morningstar Category
Inflation-Protected Bond

Morningstar Index
Bloomberg US Treasury US TIPS TR USD

Portfolio Manager(s)

John Madziyire since 11-2021

Quantitative Screens

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

✘ **Management:** The fund's management team has been in place for less than three years.

Style Consistency is not calculated for Fixed Income funds.

✔ **Net Expense:** The fund's expense ratio of 0.1 is 83.87% lower than the Inflation-Protected Bond category average.

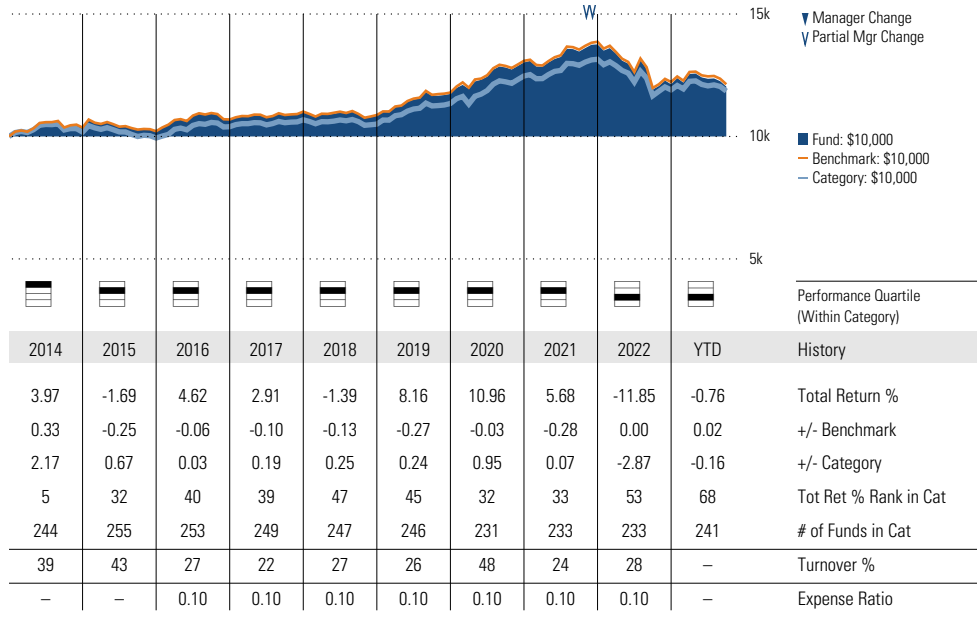
Morningstar Investment Management LLC Analysis

This fund fails the manager tenure screen; however, the current manager has earned results consistent with those of his predecessor.

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023

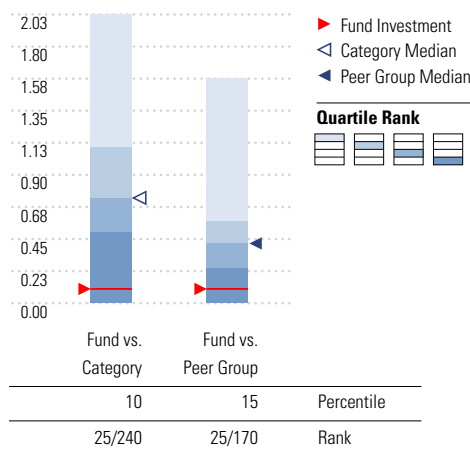
Growth of \$10,000



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	-0.10	-	0.39
Beta	0.99	-	0.89
R-Squared	99.72	-	93.36
Standard Deviation	6.81	6.86	6.33
Sharpe Ratio	-0.56	-0.55	-0.44
Tracking Error	0.37	-	1.95
Information Ratio	-0.23	-	-0.07
Up Capture Ratio	98.80	-	90.18
Down Capture Ratio	99.91	-	86.17

Portfolio Metrics

Metric	Fund	Bmark	Cat
Avg Eff Duration	6.85	4.52	5.88
Avg Eff Maturity	7.30	-	6.75

Vanguard Inflation-Protected Secs Adm VAIPX

Morningstar Category
Inflation-Protected Bond

Morningstar Index
Bloomberg US Treasury US TIPS TR USD

Style Analysis as of 09-30-2023

Style Breakdown



Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	0.00	0.11
Non-US Stocks	0.00	0.00
Bonds	99.11	99.64
Cash	0.89	-0.10
Other	0.00	0.36
Total	100.00	100.00

Credit Rating Breakdown

	Fund	Bmark	Cat
AAA	99.91	0.00	88.72
AA	0.00	99.60	3.39
A	0.00	0.00	1.89
BBB	0.00	0.00	2.59
BB	0.00	0.00	1.01
B	0.00	0.00	0.58
Below B	0.00	0.00	0.20
Not Rated	0.09	0.40	1.62

Sector Weighting as of 09-30-2023



Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊖ United States Treasury Notes	-	3.66	3.66	-
⊖ United States Treasury Notes	-	3.41	7.07	-
⊕ United States Treasury Notes	-	3.32	10.39	-
⊖ United States Treasury Notes	-	3.24	13.63	-
⊖ United States Treasury Notes	-	3.21	16.84	-
United States Treasury Notes	-	3.10	19.94	-
⊖ United States Treasury Notes	-	3.03	22.97	-
⊖ United States Treasury Notes	-	3.02	26.00	-
⊖ United States Treasury Notes	-	2.97	28.97	-
⊖ United States Treasury Notes	-	2.96	31.93	-

Total Holdings 58

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Vanguard Mid Cap Index Admiral VIMAX

Morningstar Category
Mid-Cap Blend

Morningstar Index
Russell Mid Cap TR USD

Portfolio Manager(s)

Donald Butler since 05-1998
 Awais Khan since 07-2021
 Aurélie Denis since 02-2023
 Aaron Choi since 08-2023

Quantitative Screens

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

✔ **Management:** The fund's management has been in place for 25.38 years.

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

✔ **Net Expense:** The fund's expense ratio of 0.05 is 94.19% lower than the Mid-Cap Blend category average.

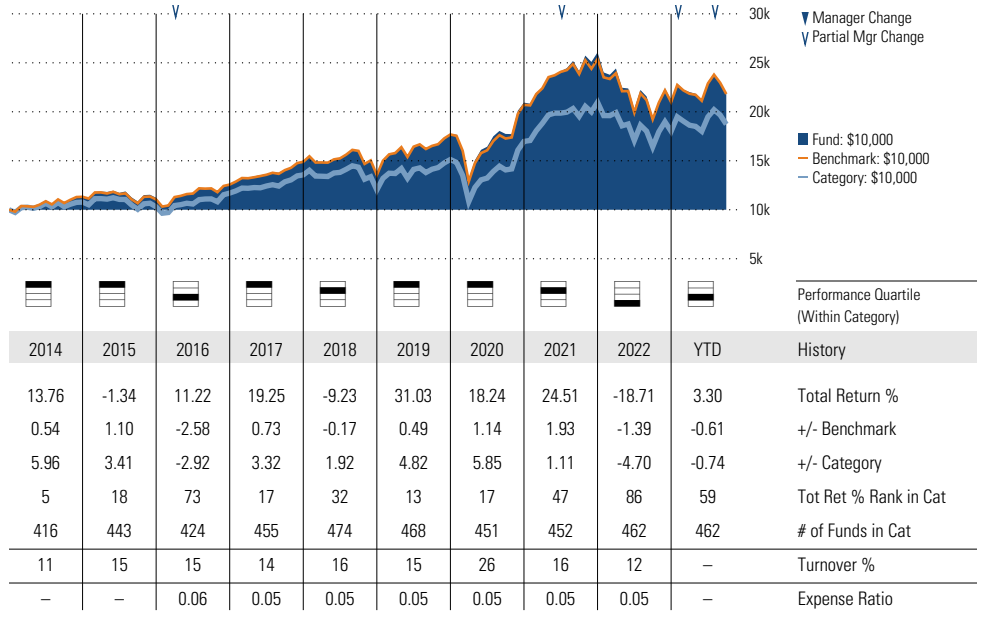
Morningstar Investment Management LLC Analysis

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

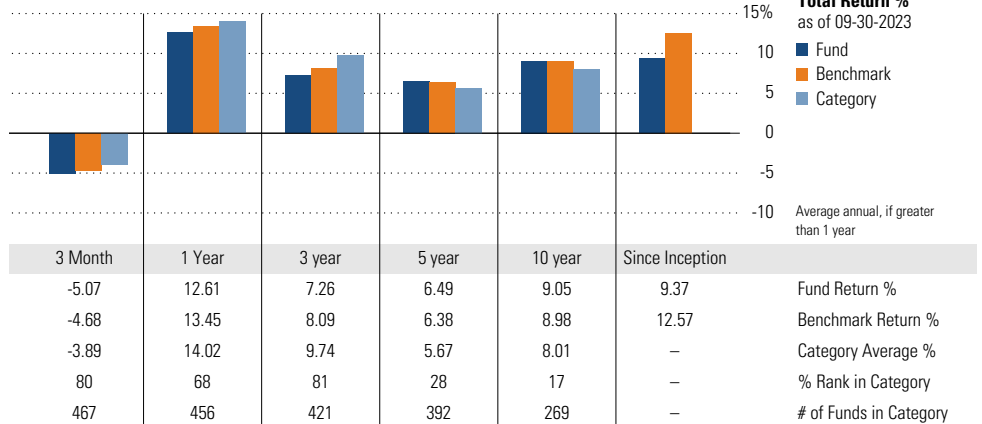
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

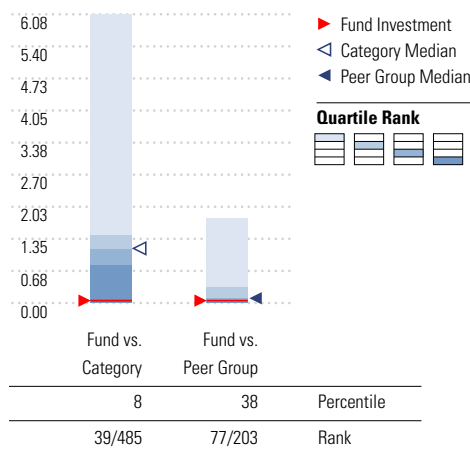
Growth of \$10,000



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	-0.70	-	1.17
Beta	0.99	-	0.97
R-Squared	99.52	-	93.16
Standard Deviation	19.36	19.52	19.63
Sharpe Ratio	0.35	0.39	0.44
Tracking Error	1.36	-	5.13
Information Ratio	-0.61	-	0.17
Up Capture Ratio	97.67	-	97.68
Down Capture Ratio	100.29	-	93.45

Portfolio Metrics

Metric	Fund	Bmark	Cat
Price/Earnings Ratio	19.56	17.61	17.52
Price/Book Ratio	2.85	2.67	2.82
Geom Avg Mkt Cap \$B	24.83	18.26	11.63
ROE	17.22	16.11	20.65

Vanguard Mid Cap Index Admiral VIMAX

Morningstar Category

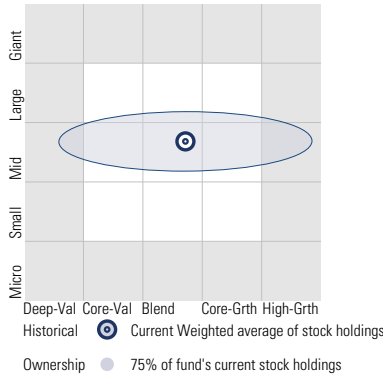
Mid-Cap Blend

Morningstar Index

Russell Mid Cap TR USD

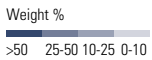
Style Analysis as of 09-30-2023

Morningstar Style Box™

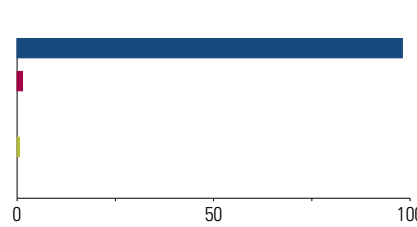


Style Breakdown

Equity			Large Mid Small
Value	Blend	Growth	
0	6	5	
24	40	25	
0	0	0	



Asset Allocation as of 09-30-2023



Asset Class	Net %	Cat%
US Stocks	98.04	95.65
Non-US Stocks	1.38	2.70
Bonds	0.00	0.03
Cash	0.59	1.23
Other	0.00	0.38
Total	100.00	100.00

Sector Weighting as of 09-30-2023

	Fund	Bmark	Cat	Fund	Benchmark	Category Average
Cyclical	34.91	36.38	38.46			
Basic Materials	4.82	4.72	5.27			
Consumer Cyclical	9.43	10.85	14.14			
Financial Services	12.07	12.84	12.87			
Real Estate	8.59	7.97	6.18			
Sensitive	43.01	43.48	42.90			
Communication Services	3.85	3.58	2.63			
Energy	4.91	5.22	4.43			
Industrials	15.76	18.24	19.25			
Technology	18.49	16.44	16.59			
Defensive	22.08	20.13	18.63			
Consumer Defensive	3.97	3.58	4.48			
Healthcare	11.61	11.34	10.81			
Utilities	6.50	5.21	3.34			

Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Amphenol Corp Class A	0.83	0.83	11.14	Technology
⊕ Arthur J. Gallagher & Co	0.78	1.61	21.77	Financial Services
⊕ Carrier Global Corp Ordinary Shares	0.76	2.37	34.72	Industrials
⊕ Motorola Solutions Inc	0.75	3.12	6.66	Technology
⊕ TransDigm Group Inc	0.74	3.86	33.90	Industrials
⊕ Arista Networks Inc	0.71	4.57	51.57	Technology
⊕ Microchip Technology Inc	0.71	5.28	12.74	Technology
⊕ Cintas Corp	0.69	5.97	7.32	Industrials
⊕ Nucor Corp	0.68	6.65	19.78	Basic Materials
⊕ PACCAR Inc	0.68	7.33	30.02	Industrials
⊕ Hess Corp	0.67	8.01	8.81	Energy
⊕ ON Semiconductor Corp	0.67	8.68	49.03	Technology
⊕ Old Dominion Freight Line Inc Ordinary Shares	0.67	9.34	44.60	Industrials
⊕ MSCI Inc	0.65	9.99	11.19	Financial Services
⊕ IQVIA Holdings Inc	0.65	10.65	-3.97	Healthcare

Total Holdings 344

⊕ Increase ⊖ Decrease ✨ New to Portfolio